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MRAP OUIII AR 505 1-8 ANALY DATA
MONTICELLO MILLSITE SURFACE AND GROUND
WATER ANALYTICAL DATA 1/84 TO 4/92

MONTICELLO MILLSITE

SURFACE AND GROUND WATER

ANALYTICAL DATA

Collected between

January 1, 1984 and April 10, 1992

Prepared for
the U.S. Department of Energy
Grand Junction Projects Office
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19506

Summary of Monticello Surface Water Analyses[a]
For
Acid Seep

Chemical Name	Unit	MMH-118 1984/03/19	MMW-652 1985/04/09	MMT-661 1985/06/10
Alkalinity[c]	mg/L	132	207	205
Aluminum (Dis)	mg/L	0.10	---	---
Arsenic (Dis)	mg/L	<0.01	<0.010	<.01
Barium (Dis)	mg/L	<0.10	.2	<.1
Calcium (Dis)[c]	mg/L	272	93.9	549
Chloride	mg/L	260[b]	20.4	1130[b]
Eh (Ref. to Calomel[c]	mv	240	---	155
Iron (Dis)	mg/L	<0.1	<.1	.1
Magnesium (Dis)[c]	mg/L	69.1	37.5	836
Manganese (Dis)	mg/L	<0.1	<.05	<.05
Molybdenum (Dis)	mg/L	1.50[b]	1.54[b]	<.05
pH		7.7	7.8	8.55
Potassium (Dis)[c]	mg/L	7.45	6.83	38.7
Radium-226	pCi/L	---	4	<1
Selenium (Dis)	mg/L	0.020[b]	0.020[b]	<.01
Silicon[c]	mg/L	7.42	7.8	.1
Sodium (Dis)[c]	mg/L	631	430	1760
Sp. Cond.[c]	µmhos/cm	3332	2289	11110
Sulfate	mg/L	1900[b]	1060[b]	6960[b]
Temperature[c]	deg C	7	21	24
Uranium (Dis)	pCi/L	2664[b]	1132.2[b]	33.3[b]
Vanadium (Dis)[c]	mg/L	<0.05	<.05	<.05
Zinc (Dis)	mg/L	0.1	.24	<.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Carbonate Seep

Chemical Name	Unit	MMH-255 1984/05/21	MMW-660 1985/04/09	MMW-656 1985/04/09	MMY-607 1986/06/02	MMY-481 1986/08/25	MMZ-215 1986/10/20	MMX-999 1988/10/17	MCL-271 1989/05/11
Alkalinity[c]	mg/L	1625	363	363	603.	154.	475.	407	343
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	1.79[b]	1.0[b]	0.90[b]	1.5[b]	1.6[b]	0.94[b]	1.0[b]	1.6[b]
Barium (Dis)	mg/L	<0.10	<.1	<.1	<0.10	---	---	---	---
Calcium (Dis)[c]	mg/L	33.8	49.5	49.7	39.	22.9	41.	---	---
Chloride	mg/L	300[b]	130	110	246.	349.[b]	160.	---	---
Eh (Ref. to Calomel[c]	mv	30	---	---	140.	170.	165.	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	1286[b]	2805[b]
Gross Beta	mrem/yr	---	---	---	---	---	---	29.896[b]	83.768[b]
Iron (Dis)	mg/L	0.1	<.1	<.1	0.054	---	---	---	---
Magnesium (Dis)[c]	mg/L	41	32.9	32.8	52.	56.	32.	---	---
Manganese (Dis)	mg/L	<.1	<.05	<.05	0.023	---	---	---	---
Molybdenum (Dis)	mg/L	1.37[b]	.66[b]	.66[b]	124.[b]	0.79[b]	0.460[b]	0.35[b]	0.470[b]
pH		9.4[b]	8.6	8.6	9.0	9.1[b]	8.5	8.62	8.80
Potassium (Dis)[c]	mg/L	60	29.8	29.8	56.	80.	41.	---	---
Radium-226	pCi/L	---	5	4	---	12.4[b]	---	7.7[b]	9.4[b]
Radium-228	pCi/L	---	---	---	---	---	---	<2.4	<1.0
Selenium (Dis)	mg/L	0.382[b]	0.20[b]	0.20[b]	0.17[b]	0.13[b]	<0.005	0.033[b]	0.066[b]
Silicon[c]	mg/L	7.3	4.8	5.0	7.0	---	---	---	---
Sodium (Dis)[c]	mg/L	848	395	396	767.	970.	473.	---	---
Sp. Cond.[c]	µmhos/cm	4028	1952	1952	3675	4523.	1100.	2390	2600
Sulfate	mg/L	1000[b]	540[b]	560[b]	999.[b]	1160.[b]	545.[b]	---	---
Temperature[c]	deg C	22	15	15	15.5	16.	12.5	13.2	11.2
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	Ci/L	732.6[b]	666[b]	599.4[b]	932.4[b]	1531.8[b]	732.6[b]	1065.6[b]	1332[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	33.0	16.7	16.8	0.63	14.	11.	0.35	17
Zinc (Dis)	mg/L	0.09	<.05	<.05	<0.010	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Carbonate Seep

Chemical Name	Unit	MLZ-608 1989/10/18	MLY-019 1990/04/11	MLY-170 1990/10/17	MLY-379 1991/06/24	MLY-505 1991/10/20	MLY-741 1992/04/15
Alkalinity[c]	mg/L	555	360	292	286	338	304
Ammonia as Nitrogen[c]	mg/L	---	---	---	0.16	---	---
Arsenic (Dis)	mg/L	1.53[b]	0.54[b]	0.40[b]	0.127[b]	.26[b]	.312[b]
Barium (Dis)	mg/L	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---
Gross Alpha	pCi/L	6425[b]	3127[b]	2612[b]	2970[b]	3300[b]	2600[b]
Gross Beta	mrem/yr	249.824[b]	53.724[b]	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	0.751[b]	0.43[b]	0.358[b]	0.169[b]	.135[b]	.198[b]
pH		8.43	8.40	7.30	8.22	8.13	8.24
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---
Radium-226	pCi/L	14.2[b]	5.4[b]	11.9[b]	8.4[b]	10.4[b]	6.9[b]
Radium-228	pCi/L	<5.0	<2	<5	<3	<4	<3
Selenium (Dis)	mg/L	0.043[b]	0.035[b]	0.0061	0.037[b]	<.02	.0401[b]
Silicon[c]	mg/L	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	4100	2620	2500	2040	3850	2040
Sulfate	mg/L	---	---	---	---	---	---
Temperature[c]	deg C	12.8	16.4	12.3	15.0	15.6	16.7
Thorium-230[c]	pCi/L	---	---	---	---	<4.1	2.9
Uranium (Dis)	pCi/L	5421.24[b]	2997[b]	---	---	---	---
Uranium-234	pCi/L	---	---	1055[b]	1170[b]	1368[b]	1101.9[b]
Uranium-238	pCi/L	---	---	1111[b]	1166[b]	1415[b]	1111.9[b]
Vanadium (Dis)[c]	mg/L	27.7	10	6.7	6.58	2.91	6.15
Zinc (Dis)	mg/L	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Montezuma Creek

Chemical Name	Unit	MMH-123 1984/03/19	MMH-186 1984/04/18	MMH-242 1984/05/21	MMH-351 1984/07/23	MMH-634 1984/09/24	MMH-704 1984/10/29	MMW-655 1985/04/09	MMT-663 1985/06/10
Alkalinity[c]	mg/L	225	168	154	145	223	234	138	142
Aluminum (Dis)	mg/L	0.10	0.14	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	<.01
Barium (Dis)	mg/L	0.12	<0.10	<0.10	<0.1	0.1	<0.1	<.1	<.1
Calcium (Dis)[c]	mg/L	131	79	67.5	100	115	147	30.6	62.9
Chloride	mg/L	82	24	20	74	91	120	3	21.1
Eh (Ref. to Calomel[c]	mv	180	160	160	145	150	170	---	150
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	g/L	<0.1	0.1	<.1	<.5	<0.5	<0.10	<.1	<.1
Magnesium (Dis)[c]	mg/L	41	18.2	16	40	44.8	51.4	4.56	15.6
Manganese (Dis)	mg/L	0.2[b]	0.1[b]	<.1	<.5	<0.5	0.17[b]	<.05	<.05
Molybdenum (Dis)	mg/L	0.10	0.08	0.197[b]	<0.05	<0.05	<0.05	<.05	<.05
pH		8.4	8.6	8.6	6.9	8.2	7.4	7.3	8.6
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	3.9	2.3	2.4	6.6	6.7	6.8	1.98	2.25
Radium-226	pCi/L	---	---	---	---	---	---	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<.01
Silicon[c]	mg/L	5.32	4.78	4.8	<1	3	2.4	4.1	4.9
Sodium (Dis)[c]	mg/L	75	34.5	36.1	146	159	191	7.78	33.2
Sp. Cond.[c]	µmhos/cm	1134	610	518	1352	1400	1488	205	583
Sulfate	mg/L	370	150	130	496	460	580[b]	30	121
Temperature[c]	deg C	12	14	21	13	19	13	11.5	22
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	18.648	9.324	37.296[b]	79.92[b]	26.64	82.584[b]	<.666	27.306
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.05
Zinc (Dis)	mg/L	<0.1	<0.10	0.08	0.08	0.42	0.89	<.05	<.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Montezuma Creek

Chemical Name	Unit	MMW-455 1985/10/14	MMY-576 1986/06/02	MMY-479 1986/08/25	MMZ-155 1986/10/20	MMZ-630 1987/05/18	MMX-743 1988/04/14	MMX-995 1988/10/17	MCL-270 1989/05/09
Alkalinity[c]	mg/L	167	164.	158.	95.	121.	303	164	177
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
Barium (Dis)	mg/L	.1	<0.10	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	84.9	80.	82.	116.	47.2	---	---	---
Chloride	mg/L	44.0	24.2	42.9	90.6	3.1	---	---	---
Eh (Ref. to Calomel[c]	mv	140	150.	160.	125.	140.	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	<18	35[b]	89[b]
Gross Beta	mrem/yr	---	---	---	---	---	<1.924	1.332	2.96
Iron (Dis)	mg/L	.03	<0.030	---	---	<0.10	---	---	---
Magnesium (Dis)[c]	mg/L	23.7	21.	31.	44.	5.9	---	---	---
Manganese (Dis)	mg/L	.11[b]	0.017	---	---	<0.025	---	---	---
Molybdenum (Dis)	mg/L	<.01	<0.050	<0.050	<0.050	<0.050	<0.05	<0.050	0.020
pH		8.2	8.5	8.2	7.65	7.7	8.48	8.06	8.11
Phosphate[c]	mg/L	<0.1	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	4	2.3	5.3	59.	0.70	---	---	---
Radium-226	pCi/L	---	---	---	---	---	0.3	0.3	0.3
Radium-228	pCi/L	---	---	---	---	---	<1.2	<0.9	<1.0
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	3.8	3.3	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	75.4	34.	114.	129.	9.	---	---	---
Sp. Cond.[c]	µmhos/cm	938	780.	1013.	800.	275.	1487	1490	1828
Sulfate	mg/L	199	172.	322.	472.	46.5	---	---	---
Temperature[c]	deg C	11.5	19.5	23.	6.5	14.5	9.6	13.7	19.0
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	29.304	25.308	66.6[b]	66.6[b]	2.664	17.316	52.614[b]	93.24[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	.01	<0.050	0.010	<0.050	<0.050	<0.05	<0.050	<0.05
Zinc (Dis)	mg/L	<.005	<0.010	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Montezuma Creek

Chemical Name	Unit	MLZ-607 1989/10/17	MLY-018 1990/04/10	MLY-169 1990/10/16	MLY-376 1991/06/24	MLY-501 1991/10/20	MLY-699 1992/04/14
Alkalinity[c]	mg/L	259	249	222	228	211	240
Aluminum (Dis)	mg/L	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	0.11	---	---
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.010	<0.01	<.003	-.0023
Barium (Dis)	mg/L	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---
Gross Alpha	pCi/L	<35	48[b]	<43	103[b]	<40	90[b]
Gross Beta	mrem/yr	3.034	<2.442	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.01	0.015	<0.01	0.031	<.018	<.021
pH		7.95	8.00	7.72	8.02	7.7	7.76
Phosphate[c]	mg/L	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---
Radium-226	pCi/L	0.2	0.1	<1.7	0.2	.1	0.2
Radium-228	pCi/L	<2.0	<1	<2	<2	<2	<2
Selenium (Dis)	mg/L	<0.005	<0.0050	<0.0050	<0.005	<.002	<.002
Silicon[c]	mg/L	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1550	2010	1605	1970	1866	1753
Sulfate	mg/L	---	---	---	---	---	---
Temperature[c]	deg C	10.9	15.5	11.4	9.4	11.2	18.1
Thorium-230[c]	pCi/L	---	---	---	---	<.8	0.40
Uranium (Dis)	pCi/L	22.644	79.92[b]	---	---	---	---
Uranium-234	pCi/L	---	---	6.6	58.3[b]	10.3	54.9[b]
Uranium-238	pCi/L	---	---	5.6	58.4[b]	8.9	54.7[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.050	<0.05	<0.050	<.01	<.007
Zinc (Dis)	mg/L	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
North Drainage

Chemical Name	Unit	MMT-660 1985/06/10	MMY-480 1986/08/25	MMZ-217 1986/10/20	MMX-746 1988/04/14	MMX-744 1988/04/14	MMX-993 1988/10/17	MCL-268 1989/05/11	MLZ-605 1989/10/18
Alkalinity[c]	mg/L	183	324.	180.	---	298	330	337	277
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.01
Barium (Dis)	mg/L	<.1	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	51.2	229.	94.	---	---	---	---	---
Chloride	mg/L	6.8	32.4	61.3	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	150	170.	130.	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	140[b]	107[b]	25[b]	102[b]	23[b]
Gross Beta	mrem/yr	---	---	---	1.924	2.368	<1.11	3.478	1.184
Iron (Dis)	mg/L	<.1	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	10.1	46.	17.	---	---	---	---	---
Manganese (Dis)	mg/L	<.05	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	.06	<0.050	<0.050	<0.05	<0.05	<0.050	<0.010	<0.01
pH		8.6	7.65	7.8	---	7.95	8.43	7.81	7.60
Potassium (Dis)[c]	mg/L	1.60	4.4	7.4	---	---	---	---	---
Radium-226	pCi/L	1	6.4[b]	---	3.6	3.7	2.8	1.6	3.3
Radium-228	pCi/L	---	---	---	<1.2	<1.2	<1.5	<1.0	<3.0
Selenium (Dis)	mg/L	<.01	0.005	<0.005	<0.005	<0.005	<0.005	0.014[b]	0.016[b]
Silicon[c]	mg/L	4.8	---	---	---	---	---	---	---
Sodium (Dis)[c]	g/L	15.0	76.	60.	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	448	1238.	600.	---	1493	994	1739	600
Sulfate	mg/L	75.4	529.[b]	116.	---	---	---	---	---
Temperature[c]	deg C	25	17.	6.	---	9.9	12.8	6.7	12.9
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	13.986	28.638	11.322	131.202[b]	132.534[b]	44.622[b]	126.54[b]	27.306
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	.09	<0.050	<0.050	<0.05	<0.05	<0.050	<0.05	<0.05
Zinc (Dis)	mg/L	<.05	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
North Drainage

Chemical Name	Unit	MLY-378 1991/06/24	MLY-696 1992/04/14
Alkalinity[c]	mg/L	648	294
Ammonia as Nitrogen[c]	mg/L	54.7	---
Arsenic (Dis)	mg/L	<0.01	<.002
Barium (Dis)	mg/L	---	---
Calcium (Dis)[c]	mg/L	---	---
Chloride	mg/L	---	---
Eh (Ref. to Calomel[c]	mv	---	---
Gross Alpha	pCi/L	85[b]	70[b]
Gross Beta	mrem/yr	---	---
Iron (Dis)	mg/L	---	---
Magnesium (Dis)[c]	mg/L	---	---
Manganese (Dis)	mg/L	---	---
Molybdenum (Dis)	mg/L	<0.010	<.021
pH		8.04	8.16
Potassium (Dis)[c]	mg/L	---	---
Radium-226	pCi/L	6.6[b]	4.9
Radium-228	pCi/L	<3	<2
Selenium (Dis)	mg/L	<0.005	~.002
Silicon[c]	mg/L	---	---
Sodium (Dis)[c]	mg/L	---	---
Sp. Cond.[c]	µmhos/cm	2270	1214
Sulfate	mg/L	---	---
Temperature[c]	deg C	15.0	16.2
Thorium-230[c]	pCi/L	---	0.36
Uranium (Dis)	pCi/L	---	---
Uranium-234	pCi/L	34.2[b]	19.9
Uranium-238	pCi/L	29.3	19.8
Vanadium (Dis)[c]	mg/L	<0.050	~.0178
Zinc (Dis)	mg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Sorenson

Chemical Name	Unit	MMH-107 1984/03/19	MMH-184 1984/04/18	MMH-234 1984/05/21	MMH-352 1984/07/23	MMH-632 1984/09/24	MMH-703 1984/10/29	MMY-581 1986/06/02	MMY-477 1986/08/25
Alkalinity[c]	mg/L	185	127	132	248	275	288	156.	240.
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0005	0.007
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.10	---
Calcium (Dis)[c]	mg/L	84.6	57	58.5	178	157	148	81.	125.
Chloride	mg/L	9	7	7	75	76	67	10.6	31.0
Eh (Ref. to Calomel[c]	mv	200	170	170	155	150	150	160.	170
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<0.1	0.1	<.1	<.5	<0.5	0.15	<0.030	---
Magnesium (Dis)[c]	mg/L	17.4	7.5	9.8	53	50.0	45.4	14.	28.
Manganese (Dis)	mg/L	0.2[b]	<0.1	0.1[b]	<.5	<0.5	0.13[b]	0.051[b]	---
Molybdenum (Dis)	mg/L	<0.05	0.07	0.211[b]	0.07	<0.05	<0.05	<0.050	<0.050
pH		8.3	8.5	8.1	7.3	8.1	7.4	8.1	8.1
Potassium (Dis)[c]	mg/L	2.3	1.4	2.3	9.2	9.1	7.6	2.1	8.5
Radium-226	pCi/L	---	---	---	---	---	---	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	0.02[b]	0.01	<0.010	0.008	0.007
Silicon[c]	mg/L	5.32	4.72	5.6	6	5	4.4	5.4	---
Sodium (Dis)[c]	mg/L	44.9	14.8	27.1	150	152	161	26.	100.
Sp. Cond.[c]	µmhos/cm	560	326	354	1416	1450	1250	638.	994.
Sulfate	mg/L	170	69	87	644[b]	600[b]	530[b]	148.	303.
Temperature[c]	deg C	5	15	14	15.5	17	12.5	17.5	24.
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	8.658	15.984	73.26[b]	317.016[b]	199.8[b]	133.2[b]	43.956[b]	199.8[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.050	0.010
Zinc (Dis)	mg/L	<0.1	<0.10	0.06	1.44	0.50	1.29	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Sorenson

Chemical Name	Unit	MMX-742 1988/04/14	MMX-994 1988/10/17	MCL-269 1989/05/09	MLZ-606 1989/10/17	MLY-017 1990/04/10	MLY-168 1990/10/16	MLY-377 1991/06/24	MLY-502 1991/10/20
Alkalinity[c]	mg/L	285	232	246	353	285	303	273	305
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	0.14	---
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.010	<0.01	<0.010	<0.010	<0.01	<.003
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	136[b]	82[b]	298[b]	455[b]	272[b]	322[b]	133[b]	320[b]
Gross Beta	mrem/yr	1.998	2.146	9.546[b]	13.838[b]	4.662[b]	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.050	0.060	0.049	0.045	0.034	0.019	.0242
pH		7.81	8.10	7.99	7.85	8.15	8.11	7.99	8.18
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	0.6	0.5	0.8	1.6	1.2	<1.5	0.3	.5
Radium-228	pCi/L	<0.8	<0.6	<1.0	<2.0	<1	<3	<2	<2
Selenium (Dis)	mg/L	0.007	<0.005	0.031[b]	0.005	<0.0050	<0.0050	0.012[b]	.0025
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1794	1870	1750	1900	2420	2170	2110	2160
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	deg C	11.0	15.0	18.2	11.2	16.3	12.6	9.2	13.8
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	5
Uranium (Dis)	pCi/L	145.854[b]	99.9[b]	306.36[b]	331.668[b]	273.06[b]	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	151[b]	99.8[b]	170[b]
Uranium-238	pCi/L	---	---	---	---	---	154[b]	101[b]	159[b]
Vanadium (Dis)[c]	mg/L	0.125	0.074	0.09	<0.05	<0.050	<0.05	<0.050	<.01
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Sorenson

Chemical Name	Unit	MLY-698 1992/04/14
Alkalinity[c]	mg/L	275
Aluminum (Dis)	mg/L	---
Ammonia as Nitrogen[c]	mg/L	---
Arsenic (Dis)	mg/L	~.0024
Barium (Dis)	mg/L	---
Calcium (Dis)[c]	mg/L	---
Chloride	mg/L	---
Eh (Ref. to Calomel[c]	mv	---
Gross Alpha	pCi/L	120[b]
Gross Beta	mrem/yr	---
Iron (Dis)	mg/L	---
Magnesium (Dis)[c]	mg/L	---
Manganese (Dis)	mg/L	---
Molybdenum (Dis)	mg/L	~.0273
pH		7.17
Potassium (Dis)[c]	mg/L	---
Radium-226	pCi/L	0.4
Radium-228	pCi/L	<2
Selenium (Dis)	mg/L	~.0028
Silicon[c]	mg/L	---
Sodium (Dis)[c]	mg/L	---
Sp. Cond.[c]	µmhos/cm	1453
Sulfate	mg/L	---
Temperature[c]	deg C	19.2
Thorium-230[c]	pCi/L	3.1
Uranium (Dis)	pCi/L	---
Uranium-234	pCi/L	149.8[b]
Uranium-238	pCi/L	148.9[b]
Vanadium (Dis)[c]	mg/L	~.0432
Zinc (Dis)	mg/L	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
Vanadium Seep

Chemical Name	Unit	MMH-114 1984/03/19	MMW-677 1985/04/09	MMT-658 1985/06/10	MMW-453 1985/10/14	MMW-911 1985/10/14	MMW-910 1985/10/14	MMY-483 1986/08/25	MMX-745 1988/04/14
Alkalinity[c]	mg/L	660	2163	585	357	2185	2185	1285.	2150
Aluminum (Dis)	mg/L	0.47[b]	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	1.15[b]	5.2[b]	1.53[b]	0.84[b]	5.8[b]	5.4[b]	2.3[b]	4.95[b]
Barium (Dis)	mg/L	<0.10	<.1	<.1	<.1	<.1	<.1	---	---
Calcium (Dis)[c]	mg/L	18.4	5.30	24.4	46.0	3.40	3.40	112.	---
Chloride	mg/L	76	270[b]	309[b]	198	182	177	278.[b]	---
Eh (Ref. to Calomel[c]	mv	190	---	130	140	100	100	180.	---
Gross Alpha	pCi/L	---	---	---	---	---	---	---	24303[b]
Gross Beta	mrem/yr	---	---	---	---	---	---	---	1095.274[b]
Iron (Dis)	mg/L	0.1	.2	<.1	.10	.12	.12	---	---
Magnesium (Dis)[c]	mg/L	8.4	3.26	60.0	28.6	0.65	064	32.	---
Manganese (Dis)	mg/L	0.1[b]	<.05	<.05	<.01	<.01	<.01	---	---
Molybdenum (Dis)	mg/L	1.65[b]	5.18[b]	1.20[b]	.60[b]	1.08[b]	3.91[b]	<0.050	4.33[b]
pH		9.0	9.9[b]	9.1[b]	8.5	10.2[b]	10.2[b]	8.9	9.97[b]
Phosphate[c]	mg/L	---	---	---	<0.1	1.4	1.2	---	---
Potassium (Dis)[c]	mg/L	21.1	58.5	70.8	26	50	50	66.	---
Radium-226	pCi/L	---	1	8[b]	8.0[b]	6.4[b]	6.6[b]	<1.0	<0.3
Radium-228	pCi/L	---	---	---	---	---	---	---	<2.7
Selenium (Dis)	mg/L	0.392[b]	2.1[b]	.27[b]	0.10[b]	1.8[b]	1.7[b]	2.7[b]	1.52[b]
Silicon[c]	mg/L	1.20	0.5	9.6	4.8	<.1	<.1	---	---
Sodium (Dis)[c]	mg/L	1109	2590	795	438	2482	2488	5160.	---
Sp. Cond.[c]	µmhos/cm	47200	9102	3586	2376	9425	9425	19942.	10292
Sulfate	mg/L	1700[b]	2900[b]	1120[b]	607[b]	2760[b]	2710[b]	10100.[b]	---
Temperature[c]	deg C	16	19	24	12	8	8	17.	22.7
Uranium (Dis)	pCi/L	11322[b]	24109.2[b]	1465.2[b]	599.4[b]	22444.2[b]	16183.8[b]	35031.6[b]	27639[b]
Vanadium (Dis)[c]	mg/L	<0.05	352	19.4	9.32	335	356	360.	317
Zinc (Dis)	mg/L	<0.1	<.05	<.05	<.005	<.005	<.005	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-2

Chemical Name	Unit	MMH-115 1984/03/19	MMH-185 1984/04/18	MMH-256 1984/05/21	MMH-386 1984/07/23	MMH-654 1984/09/24	MMH-730 1984/10/29	MMW-657 1985/04/09	MMT-659 1985/06/10
Alkalinity[c]	mg/L	338	476	147	860	1110	830	975	1135
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.125[b]	0.847[b]	0.024	1.76[b]	3.18[b]	2.4[b]	3.5[b]	3.19[b]
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	.1
Calcium (Dis)[c]	mg/L	203	130	45.2	48	70.4	31.7	25.4	23.2
Chloride	mg/L	120	490[b]	20	1440[b]	1700[b]	1800[b]	1100[b]	1210[b]
Eh (Ref. to Calomel[c]	mv	190	190	160	130	165	140	---	120
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<0.1	0.1	0.3	<.5	<0.5	<0.10	<.1	.1
Lead-210[c]	pCi/L	---	---	<1.5	---	<1.5	<1.5	---	---
Magnesium (Dis)[c]	mg/L	46	50	6.9	76	132	92.5	89.0	81.2
Manganese (Dis)	mg/L	0.1[b]	0.1[b]	<.1	<.5	<0.5	<0.05	<.05	<.05
Molybdenum (Dis)	mg/L	0.40[b]	2.43[b]	0.086	9.44[b]	11.0[b]	12.1[b]	8.86[b]	9.36[b]
pH		8.3	8.9	8.6	10.0[b]	9.1[b]	10.0[b]	9.6[b]	9.5[b]
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	10.6	49	2.92	172	198	182	146	187
Radium-226	pCi/L	---	---	<2	---	12[b]	7[b]	9.7[b]	22[b]
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	0.081[b]	0.796[b]	0.013[b]	2.34[b]	3.11[b]	1.7[b]	2.3[b]	1.86[b]
Silicon[c]	mg/L	5.07	3.68	5.9	18	5	1.0	2.6	7.2
Sodium (Dis)[c]	mg/L	185	840	38.9	2698	3320	3220	2540	2580
Sp. Cond.[c]	µmhos/cm	1792	4092	399	11700	12350	9300	9230	10780
Sulfate	mg/L	580[b]	1200[b]	75	3370[b]	4200[b]	4400[b]	2900[b]	2790[b]
Temperature[c]	deg C	11	13	18	30	10	13	13	26
Thorium-230[c]	pCi/L	---	---	<1	---	<1	<1	---	---
Uranium (Dis)	pCi/L	199.8[b]	399.6[b]	15.984	666[b]	1132.2[b]	932.4[b]	1265.4[b]	1132.2[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	4.98	<0.05	1.17	139	136	158	123	153
Zinc (Dis)	mg/L	<0.1	<0.10	0.06	<0.05	0.20	0.33	<.05	<.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-2

Chemical Name	Unit	MMW-452 1985/10/14	MMY-578 1986/06/02	MMY-482 1986/08/25	MMZ-151 1986/10/20	MMX-739 1988/04/14	MMX-989 1988/10/17	MCL-264 1989/05/11	MLZ-601 1989/10/18
Alkalinity[c]	mg/L	711	1507.	1000.	799.1	650	194	1148	560
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	2.2[b]	2.2[b]	1.6[b]	1.5[b]	1.58[b]	3.0[b]	3.6[b]	2.01[b]
Barium (Dis)	mg/L	.1	<0.10	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	49.6	65.	75.2	37.	---	---	---	---
Chloride	mg/L	821[b]	1120.[b]	1210.[b]	1020.[b]	---	---	---	---
Eh (Ref. to Calomel[c]	mv	110	110.	20.	150.	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	1164[b]	1073[b]	1424[b]	1146[b]
Gross Beta	mrem/yr	---	---	---	---	23.532[b]	28.49[b]	48.322[b]	41.736[b]
Iron (Dis)	mg/L	.08	0.26	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	54.8	92.	98.	71.	---	---	---	---
Manganese (Dis)	mg/L	<.01	0.095[b]	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	4.28[b]	112.[b]	1.5[b]	5.6[b]	4.02[b]	5.7[b]	6.7[b]	5.05[b]
pH		9.5[b]	9.2[b]	8.9	9.7[b]	9.42[b]	9.7[b]	8.64	9.70[b]
Phosphate[c]	mg/L	0.6	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	86	161.	178.	132.	---	---	---	---
Radium-226	pCi/L	10.9[b]	23.8[b]	19.1[b]	9.3[b]	7.1[b]	6.9[b]	8.9[b]	<1.1
Radium-228	pCi/L	---	---	---	---	<1.8	<1.5	<1.0	<3.0
Selenium (Dis)	mg/L	0.12[b]	0.51[b]	1.9[b]	1.8[b]	1.27[b]	1.8[b]	2.5[b]	2.03[b]
Silicon[c]	mg/L	2.7	13.	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	1551	2430.	2330.	1812.	---	---	---	---
Sp. Cond.[c]	µmhos/cm	7424	8925.	9422.	7000.	5994	9070	8560	5930
Sulfate	mg/L	1860[b]	2710.[b]	3020.[b]	2300.[b]	---	---	---	---
Temperature[c]	deg C	13	22.5	16.5	18.	23.3	15.6	7.6	16.5
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	865.8[b]	932.4[b]	932.4[b]	1065.6[b]	1192.14[b]	612.72[b]	799.2[b]	1052.28[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	80.5	5.0	54.	83.	67.4	91	108	97.1
Zinc (Dis)	mg/L	<.005	<0.010	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-2

Chemical Name	Unit	MLY-012 1990/04/11	MLY-163 1990/10/17	MLY-380 1991/06/24	MLY-504 1991/10/20	MLY-740 1992/04/15
Alkalinity[c]	mg/L	759	1044	665	661	372
Aluminum (Dis)	mg/L	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	<0.02	---	---
Arsenic (Dis)	mg/L	1.7[b]	2.8[b]	1.66[b]	2.1[b]	1.09[b]
Barium (Dis)	mg/L	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---
Gross Alpha	pCi/L	836[b]	1269[b]	1143[b]	1800[b]	1120[b]
Gross Beta	mrem/yr	17.168[b]	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---
Molybdenum (Dis)	mg/L	5.3[b]	5.22[b]	3.42[b]	3.79[b]	2.53[b]
pH		9.26[b]	9.10[b]	9.16[b]	9.31[b]	9.74[b]
Phosphate[c]	mg/L	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---
Radium-226	pCi/L	6.0[b]	6.1[b]	4.7	3	4.2
Radium-228	pCi/L	<2	<3	<3	<3	<2
Selenium (Dis)	mg/L	0.89[b]	0.89[b]	0.613[b]	1.25[b]	.796[b]
Silicon[c]	mg/L	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	7290	6220	5550	5340	4120
Sulfate	mg/L	---	---	---	---	---
Temperature[c]	deg C	15.3	10.1	17.5	13.1	21.8
Thorium-230[c]	pCi/L	---	---	---	<3.6	1.1
Uranium (Dis)	pCi/L	932.4[b]	---	---	---	---
Uranium-234	pCi/L	---	594[b]	507[b]	610[b]	422.0[b]
Uranium-238	pCi/L	---	604[b]	580[b]	626[b]	510.6[b]
Vanadium (Dis)[c]	mg/L	89	104	63.6	930	53.8
Zinc (Dis)	mg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-3

Chemical Name	Unit	MMH-108 1984/03/19	MMH-177 1984/04/18	MMH-233 1984/05/21	MMH-361 1984/07/23	MMH-627 1984/09/24	MMH-701 1984/10/29	MMW-651 1985/04/09	MMT-657 1985/06/10
Alkalinity[c]	mg/L	154	105	107	184	141	258	169	181
Aluminum (Dis)	g/L	<0.10	<0.10	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	<.01
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	0.1	<.1	<.1
Calcium (Dis)[c]	mg/L	65.2	37.9	48.2	82	82.1	118	39.8	34.3
Chloride	mg/L	4	3	1	8.7	8	13	3	15.2
Eh (Ref. to Calomel[c]	mv	180	160	160	150	150	160	---	165
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<0.1	0.1	<.1	<.5	<0.5	<0.10	<.1	<.1
Magnesium (Dis)[c]	mg/L	9.8	5.15	5.3	14	14.1	20.6	5.86	4.21
Manganese (Dis)	mg/L	<0.1	<0.1	<.1	<.5	<0.5	<0.05	<.05	<.05
Molybdenum (Dis)	mg/L	<0.05	<0.05	0.178[b]	<0.05	<0.05	<0.05	<.05	<.05
pH		8.4	8.05	7.3	8.4	6.6	7.7	7.4	8.6
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	1.1	0.89	0.40	1.4	1.8	2.4	1.86	1.20
Radium-226	pCi/L	---	---	---	---	---	---	<1	<1
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<.01
Silicon[c]	mg/L	5.89	4.81	5.4	6	6	8.0	4.5	7.3
Sodium (Dis)[c]	mg/L	12.4	7.28	7.3	26	21.2	35.8	7.43	6.79
Sp. Cond.[c]	µmhos/cm	382	246	252	548	547	732	250	240
Sulfate	mg/L	77	31	43	111	150	190	39	31.4
Temperature[c]	deg C	8	12	12	19	15.5	14	15	17
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	1.332	<.666	<.666	1.998	1.332	3.33	<.666	<.666
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.05
Zinc (Dis)	mg/L	<0.1	<0.10	0.09	0.13	0.08	1.02	<.05	.11

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-3

Chemical Name	Unit	MMW-451 1985/10/14	MMY-577 1986/06/02	MMY-478 1986/08/25	MMZ-152 1986/10/20	MMZ-626 1987/05/18	MMX-740 1988/04/14	MMX-990 1988/10/17	MCL-265 1989/05/09
Alkalinity[c]	mg/L	139	135.	130.	153.	110.	161	214	116
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010
Barium (Dis)	mg/L	<.1	<0.10	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	59.0	61.	53.	108.	38.1	---	---	---
Chloride	mg/L	4.2	3.0	2.9	6.5	1.6	---	---	---
Eh (Ref. to Calomel[c]	mv	160	135.	150.	125.	280.	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	<9	<20	<34
Gross Beta	mrem/yr	---	---	---	---	---	<.74	<1.184	<2.368
Iron (Dis)	mg/L	.04	<0.030	---	---	<0.10	---	---	---
Magnesium (Dis)[c]	mg/L	11.6	8.5	7.2	17.	4.9	---	---	---
Manganese (Dis)	mg/L	<.01	0.017	---	---	<0.025	---	---	---
Molybdenum (Dis)	mg/L	<.01	<0.050	<0.050	<0.050	<0.050	<0.05	<0.050	<0.010
pH		8.2	7.7	8.5	7.7	7.6	7.9	8.02	8.26
Phosphate[c]	mg/L	<0.1	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	2	1.0	2.2	2.2	0.60	---	---	---
Radium-226	pCi/L	---	---	---	---	---	<0.2	0.1	0.1
Radium-228	pCi/L	---	---	---	---	---	<0.6	<0.7	<1.0
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	4.3	5.6	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	11.5	11.	9.	28.	7.	---	---	---
Sp. Cond.[c]	µmhos/cm	405	460.	315.	3250.	220.	936	2210	1688
Sulfate	mg/L	75.1	86.0	54.2	136.	31.5	---	---	---
Temperature[c]	eg C	11	18.	20.	6.	6.	9.3	11.1	18.6
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	.666	<1.998	.666	1.332	<.666	3.33	<1.998	5.328
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<.01	<0.050	<0.050	<0.050	<0.050	<0.05	<0.050	<0.05
Zinc (Dis)	mg/L	<.005	<0.010	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-3

Chemical Name	Unit	MCL-275 1989/05/09	MLZ-602 1989/10/17	MLY-384 1991/06/24	MLY-693 1992/04/14
Alkalinity[c]	mg/L	116	165	57	190
Aluminum (Dis)	mg/L	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	1.62	---
Arsenic (Dis)	mg/L	<0.010	<0.01	<0.01	<.002
Barium (Dis)	mg/L	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---
Chloride	mg/L	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---
Gross Alpha	pCi/L	<34	<33	<7	<15
Gross Beta	mrem/yr	<2.368	<1.332	---	---
Iron (Dis)	mg/L	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---
Molybdenum (Dis)	mg/L	<0.010	<0.01	<0.010	<.021
pH		8.26	8.09	8.31	8.24
Phosphate[c]	mg/L	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---
Radium-226	pCi/L	0.2	<0.1	0.2	0.2
Radium-228	pCi/L	<1.0	<2.0	<3	<2
Selenium (Dis)	mg/L	<0.005	0.007	<0.005	<.002
Silicon[c]	mg/L	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1688	1570	144	508
Sulfate	mg/L	---	---	---	---
Temperature[c]	deg C	18.6	9.2	8.2	17.3
Thorium-230[c]	pCi/L	---	---	---	0.11
Uranium (Dis)	pCi/L	4.662	5.328	---	---
Uranium-234	pCi/L	---	---	0.7	2.9
Uranium-238	pCi/L	---	---	0.6	1.1
Vanadium (Dis)[c]	mg/L	<0.050	0.142	<0.050	<.007
Zinc (Dis)	mg/L	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-4

Chemical Name	Unit	MMH-106 1984/03/19	MMH-182 1984/04/18	MMH-237 1984/05/21	MMH-364 1984/07/23	MMH-633 1984/09/24	MMH-702 1984/10/29	MMW-653 1985/04/09	MMT-672 1985/06/10
Alkalinity[c]	mg/L	170	119	118	424	397	407	390	150
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	0.02	.02	0.027	<0.010	<.01
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1
Calcium (Dis)[c]	mg/L	76.8	50	50	261	206	190	39.9	61.1
Chloride	mg/L	9	4	5	102	82	80	9	10.0
Eh (Ref. to Calomel[c]	mv	225	180	160	160	160	170	---	150
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.1	0.1	<.1	<.5	<0.5	<0.10	<.1	<.1
Magnesium (Dis)[c]	g/L	12.5	5.9	6.7	61	51.6	46.6	6.26	10.2
Manganese (Dis)	mg/L	0.1[b]	<0.1	<.1	<.5	<0.5	0.15[b]	<.05	<.05
Molybdenum (Dis)	mg/L	<0.05	0.07	0.188[b]	0.12[b]	0.10	0.12[b]	<.05	<.05
pH		8.2	8.3	7.2	7.4	7.3	7.5	7.3	7.2
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	1.7	1.2	1.50	16	14.5	13.7	1.91	2.25
Radium-226	pCi/L	---	<2	---	---	---	---	---	<1
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	0.02[b]	0.04[b]	0.028[b]	<0.005	<.01
Silicon[c]	mg/L	5.46	4.88	4.9	8	10	8.6	4.3	5.7
Sodium (Dis)[c]	mg/L	22.1	10.6	15.1	214	204	214	8.85	23.4
Sp. Cond.[c]	µmhos/cm	469	288	343	2288	1888	1612	256	448
Sulfate	mg/L	110	42	59	786[b]	620[b]	580[b]	47	90.7
Temperature[c]	deg C	4	13	23	23	16	13	15	18
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	34.632[b]	9.324	30.636[b]	599.4[b]	599.4[b]	399.6[b]	6.66	39.294[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	0.10	0.75	<0.05	0.57	0.62	0.62	<.05	.07
Zinc (Dis)	mg/L	<0.1	<0.10	0.05	0.77	0.47	1.46	<.05	<.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-4

Chemical Name	Unit	MMW-456 1985/10/14	MMY-579 1986/06/02	MMY-580 1986/06/02	MMY-476 1986/08/25	MMZ-153 1986/10/20	MMX-741 1988/04/14	MMX-991 1988/10/17	MCL-266 1989/05/10
Alkalinity[c]	mg/L	184	131.	131.	240.	291.	261	256	303
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.010	<0.005	<0.005	0.011	0.009	<0.005	<0.005	<0.010
Barium (Dis)	mg/L	<.1	<0.10	<0.10	---	---	---	---	---
Calcium (Dis)[c]	mg/L	84.1	74.	74.	104.	142.	---	---	---
Chloride	mg/L	13.8	5.7	5.8	20.1	43.5	---	---	---
Eh (Ref. to Calomel[c]	mv	130	150.	150.	150.	150.	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	51[b]	<21	327[b]
Gross Beta	mrem/yr	---	---	---	---	---	<1.924	<1.184	5.18[b]
Iron (Dis)	mg/L	<.03	<0.030	<0.030	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	16.9	11.	11.	21.	25.	---	---	---
Manganese (Dis)	mg/L	.06[b]	0.036	0.034	---	---	---	---	---
Molybdenum (Dis)	mg/L	<.01	<0.050	<0.050	<0.050	<0.050	<0.05	<0.050	0.070
pH		8.2	7.9	7.9	7.2	7.6	7.88	7.89	7.26
Phosphate[c]	mg/L	<0.1	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	3	1.4	1.4	8.5	82.	---	---	---
Radium-226	pCi/L	<1.0	---	---	---	---	0.4	0.3	0.4
Radium-228	pCi/L	---	---	---	---	---	<1.0	<0.4	<1.0
Selenium (Dis)	mg/L	0.006	0.023[b]	0.009	0.010	0.008	<0.005	<0.005	0.042[b]
Silicon[c]	mg/L	4.8	5.6	5.6	---	---	---	---	---
Sodium (Dis)[c]	mg/L	30.6	17.	16.	79.	66.	---	---	---
Sp. Cond.[c]	µmhos/cm	624	465.	465.	846.	800.	1681	1940	2340
Sulfate	mg/L	137	108.	111.	222.	317.	---	---	---
Temperature[c]	deg C	12.5	18.5	18.5	19.	10.	10.7	12.4	12.5
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	30.636[b]	17.316	17.316	133.2[b]	66.6[b]	546.12[b]	27.972	326.34[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	.12	<0.050	<0.050	0.25	0.221	0.67	0.12	0.34
Zinc (Dis)	mg/L	<.005	<0.010	<0.010	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-4

Chemical Name	Unit	MLZ-603 1989/10/19	MLY-014 1990/04/11	MLY-165 1990/10/17	MLY-400 1991/06/24	MLY-506 1991/10/20
Alkalinity[c]	mg/L	366	374	338	332	386
Aluminum (Dis)	mg/L	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.010	0.011	<.01	.0103
Barium (Dis)	mg/L	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---
Gross Alpha	pCi/L	332[b]	517[b]	145[b]	314[b]	370[b]
Gross Beta	mrem/yr	12.062[b]	9.916[b]	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---
Molybdenum (Dis)	mg/L	0.052	0.086	0.026	.054	.0516
pH		6.92	7.13	7.93	6.92	6.74
Phosphate[c]	mg/L	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---
Radium-226	pCi/L	0.3	0.3	<1.4	.4	.5
Radium-228	pCi/L	<3.0	<1	<2	<2	<2
Selenium (Dis)	mg/L	0.013[b]	<0.0050	0.0070	.028[b]	.0147[b]
Silicon[c]	mg/L	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1830	2300	2290	2060	1815
Sulfate	mg/L	---	---	---	---	---
Temperature[c]	deg C	12.3	10.8	4.7	---	12.4
Thorium-230[c]	pCi/L	---	---	---	---	<.3
Uranium (Dis)	pCi/L	295.704[b]	559.44[b]	---	---	---
Uranium-234	pCi/L	---	---	56.2[b]	199.5[b]	159[b]
Uranium-238	pCi/L	---	---	55.8[b]	200.3[b]	161[b]
Vanadium (Dis)[c]	mg/L	0.358	0.30	0.325	.337	.336
Zinc (Dis)	mg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-5

Chemical Name	Unit	MMW-654 1985/04/09	MMT-662 1985/06/10	MMW-454 1985/10/14	MMZ-154 1986/10/20	MMX-992 1988/10/17	MCL-267 1989/05/09	MLZ-604 1989/10/17	MLY-015 1990/04/10
Alkalinity[c]	mg/L	290	149	236	214.	390	170	383	319
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.010	<.01	<0.010	<0.005	<0.005	<0.010	<0.01	<0.010
Barium (Dis)	mg/L	<.1	<.1	.1	---	---	---	---	---
Calcium (Dis)[c]	mg/L	38.4	545	121	168.	---	---	---	---
Chloride	mg/L	3	13.9	32.7	51.8	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	155	160	160.	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	<12	<35	<19	<25
Gross Beta	mrem/yr	---	---	---	---	<1.11	<2.368	<.814	<1.554
Iron (Dis)	mg/L	.2	<.1	<.03	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	6.00	12.2	26.6	37.	---	---	---	---
Manganese (Dis)	mg/L	<.05	<.05	.16[b]	---	---	---	---	---
Molybdenum (Dis)	mg/L	<.05	<.05	.04	0.057	<0.050	<0.010	<0.01	<0.010
pH		7.2	8.05	8.1	7.5	7.68	8.23	7.90	8.01
Phosphate[c]	mg/L	---	---	<0.1	---	---	---	---	---
Potassium (Dis)[c]	mg/L	2.05	1.87	4	71.	---	---	---	---
Radium-226	pCi/L	---	---	---	---	0.2	0.1	0.2	0.8
Radium-228	pCi/L	---	---	---	---	<0.9	<1.0	<2.0	<1
Selenium (Dis)	mg/L	<0.005	<.01	0.009	0.007	<0.005	<0.005	<0.005	<0.0050
Silicon[c]	mg/L	4.6	5.3	5.0	---	---	---	---	---
Sodium (Dis)[c]	mg/L	9.10	25.6	68.2	100.	---	---	---	---
Sp. Cond.[c]	µmhos/cm	258	440	1092	900.	999	1699	1830	1318
Sulfate	mg/L	43	119	274	434.	---	---	---	---
Temperature[c]	deg C	14	20	9.5	7.	10.5	17.0	8.5	13.6
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	5.328	19.98	79.92[b]	133.2[b]	<1.998	3.996	4.662	26.64
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<.05	<.05	.06	0.105	<0.050	<0.050	<0.05	<0.050
Zinc (Dis)	mg/L	<.05	<.05	<.005	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Surface Water Analyses[a]
For
W-5

Chemical Name	Unit	MLY-166 1990/10/16	MLY-383 1991/06/24	MLY-503 1991/10/20	MLY-694 1992/04/14
Alkalinity[c]	mg/L	374	302	357	309
Ammonia as Nitrogen[c]	mg/L	---	0.57	---	---
Arsenic (Dis)	mg/L	<0.010	<0.01	<.003	<.002
Barium (Dis)	mg/L	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---
Chloride	mg/L	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---
Gross Alpha	pCi/L	<31	<26	<20	<20
Gross Beta	mrem/yr	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---
Molybdenum (Dis)	mg/L	<0.01	<0.010	<.018	<.021
pH		9.16[b]	7.81	8.12	8.13
Phosphate[c]	mg/L	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---
Radium-226	pCi/L	0.5	0.5	3.3	0.4
Radium-228	pCi/L	<3	<2	<4	<2
Selenium (Dis)	mg/L	<0.0050	<0.005	<.002	<.002
Silicon[c]	mg/L	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---
Sp. Cond.[c]	µmhos/cm	977	1025	1008	865
Sulfate	mg/L	---	---	---	---
Temperature[c]	deg C	7.2	6.6	10.3	13.1
Thorium-230[c]	pCi/L	---	---	.7	0.21
Uranium (Dis)	pCi/L	---	---	---	---
Uranium-234	pCi/L	3.0	6.0	2.8	10.1
Uranium-238	pCi/L	1.9	3.7	1.3	7.3
Vanadium (Dis)[c]	mg/L	<0.05	<0.050	---	<.007
Zinc (Dis)	mg/L	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMH-181 1984/04/18	MMH-241 1984/05/21	MMH-371 1984/07/23	MMH-647 1984/09/24	MMH-710 1984/10/29	MMW-679 1985/04/09	MMT-671 1985/06/10	MMW-468 1985/10/14
2,4,5-TP (Silvex)	µg/L	---	---	---	---	<0.1	<0.1	<0.1	<0.2
2,4-D[c]	µg/L	---	---	---	---	<0.2	<0.2	<0.2	<0.4
Alkalinity[c]	mg/L	515	491	505	477	468	521	581	480
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.046	0.040	0.04	.04	0.052[b]	0.040	.03	0.054[b]
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	---
Barium (Dis)	mg/L	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<.1
Barium (Tot)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	<.002	<.001	<0.001	<.001
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	160	157	157	159	144	126	131	159
Chloride	mg/L	100	130	127	120	120	110	115	117
Chromium (Dis)	mg/L	---	---	---	---	<.01	.01	<0.010	<.01
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	180	140	180	160	140	---	-20	160
Endrin	mg/L	---	---	---	---	<.00001	<.00001	<.00001	<.00002
Fluoride	mg/L	---	---	---	---	.77	0.7	0.7	0.75
gamma-BHC (Lindane)	mg/L	---	---	---	---	<.00001	<.00001	<.00001	<.00002
Gross Alpha	pCi/L	---	---	---	---	340[b]	680[b]	1410[b]	1270[b]
Gross Beta	mrem/yr	---	---	---	---	11.1[b]	41.44[b]	52.392[b]	53.428[b]
Iron (Dis)	mg/L	0.1	<.1	<.5	<0.5	<0.10	<.1	<.1	<.03
Iron (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	<.01	<0.01	<0.010	<.01
Lead (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	<1.5	---	<1.5	---	---	---	---
Magnesium (Dis)[c]	mg/L	30	45	45	42.5	40.6	39.6	44.6	43.4
Manganese (Dis)	mg/L	4.0[b]	2.6[b]	3.1[b]	4.0[b]	3.71[b]	3.24[b]	3.62[b]	4.04[b]
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	<.001	<.0004	<.0002	<.0002
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	<.0005	<.0005	<.0005	<.001
Molybdenum (Dis)	mg/L	0.43[b]	0.468[b]	0.39[b]	0.34[b]	0.35[b]	.32[b]	.36[b]	.39[b]
pH		7.0	6.9	7.1	7.2	7.3	6.7	6.8	6.85

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMY-624 1986/06/02	MMZ-159 1986/10/20	MMZ-634 1987/05/18
2,4,5-TP (Silvex)	µg/L	---	---	---
2,4-D[c]	µg/L	---	---	---
Alkalinity[c]	mg/L	---	---	502.
Aluminum (Dis)	mg/L	---	---	---
Arsenic (Dis)	mg/L	0.029	0.033	0.035
Arsenic (Tot)	mg/L	0.035	0.034	---
Barium (Dis)	mg/L	<0.10	---	---
Barium (Tot)	mg/L	<0.10	---	---
Cadmium (Dis)	mg/L	<0.005	---	---
Cadmium (Tot)	mg/L	0.005	---	---
Calcium (Dis)[c]	mg/L	---	194.	175.
Chloride	mg/L	118.	133.	97.9
Chromium (Dis)	mg/L	<0.030	---	---
Chromium (Tot)	mg/L	<0.030	---	---
Depth To Water[c]	feet	---	19.5	---
Eh (Ref. to Calomel[c]	mv	---	160.	170.
Endrin	mg/L	---	---	---
Fluoride	mg/L	0.8	---	---
gamma-BHC (Lindane)	mg/L	---	---	---
Gross Alpha	pCi/L	---	---	---
Gross Beta	mrem/yr	---	---	---
Iron (Dis)	mg/L	<0.10	<0.10	<0.10
Iron (Tot)	mg/L	1.61[b]	1.47[b]	---
Lead (Dis)	mg/L	<0.025	---	---
Lead (Tot)	mg/L	<0.025	---	---
Lead-210[c]	pCi/L	---	---	---
Magnesium (Dis)[c]	mg/L	---	53.	43.1
Manganese (Dis)	mg/L	4.43[b]	5.40[b]	4.25[b]
Manganese (Tot)	mg/L	4.38[b]	5.57[b]	---
Mercury (Dis)	mg/L	<0.001	---	---
Mercury (Tot)	mg/L	<0.001	---	---
Methoxychlor	mg/L	---	---	---
Molybdenum (Dis)	mg/L	---	.527[b]	0.39[b]
pH		---	---	8.8[b]

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMH-181 1984/04/18	MMH-241 1984/05/21	MMH-371 1984/07/23	MMH-647 1984/09/24	MMH-710 1984/10/29	MMW-679 1985/04/09	MMT-671 1985/06/10	MMW-468 1985/10/14
pH1 (RCRA)[c]		---	---	---	---	7.3	6.7	6.8	6.85
pH2 (RCRA)[c]		---	---	---	---	7.3	6.7	6.8	6.85
pH3 (RCRA)[c]		---	---	---	---	7.3	6.7	6.8	6.85
pH4 (RCRA)[c]		---	---	---	---	7.3	6.7	6.8	6.85
Phenol[c]	mg/L	---	---	---	---	<0.01	0.01	0.06	<0.01
Phosphate[c]	g/L	---	---	---	---	---	---	---	<0.1
Potassium (Dis)[c]	mg/L	32	32.1	31.8	33.1	30.7	34.8	36.0	27
Radium-226	pCi/L	<2	<2.0	---	<2	<2	<1	<1	<1.0
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	0.02[b]	<0.010	0.010	<.01	0.016[b]
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	---
Silicon[c]	mg/L	8.54	7.8	8	9	9.1	8.9	9.0	9.2
Silver (Dis)	mg/L	---	---	---	---	<.01	<.01	<0.010	<.01
Silver (Tot)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	510	450	457	464	499	459	481	414
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2722	2745	2666	2520	2142	1434	2620	2714
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	2142	1434	2620	2714
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	2142	1434	2620	2714
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	2142	1434	2620	2714
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	2142	1434	2620	2714
Sulfate	mg/L	920[b]	930[b]	1020[b]	900[b]	920[b]	820[b]	941[b]	931[b]
Temperature[c]	deg C	12	14	13	12	12	12.5	12.	11
Thorium-230[c]	pCi/L	---	<1	---	<1	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	4.3	4.7	12.3	10.0
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	4.2	4.7	13.4	10.5
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	4.3	---	11.2	10.4
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	4.2	---	11.1	10.0
Total Coliform[c]	col/100 mL	---	---	---	---	<1	<1	<1	<1
Total Organic Carbo[c]	mg/L	---	---	---	---	5.4	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	5700	36	2076	84
TOX RCRA (2)[c]	µg/L	---	---	---	---	5600	39	2056	88
TOX RCRA (3)[c]	µg/L	---	---	---	---	4200	---	2114	82
TOX RCRA (4)[c]	µg/L	---	---	---	---	5400	---	2126	84
Toxaphene	mg/L	---	---	---	---	<.00048	<.00048	<.00048	<.00096

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMY-624 1986/06/02	MMZ-159 1986/10/20	MMZ-634 1987/05/18
pH1 (RCRA)[c]		7.3	6.9	---
pH2 (RCRA)[c]		7.35	6.8	---
pH3 (RCRA)[c]		7.3	---	---
pH4 (RCRA)[c]		7.2	---	---
Phenol[c]	mg/L	<.01	0.005	---
Phosphate[c]	mg/L	---	---	---
Potassium (Dis)[c]	mg/L	---	37.	31.9
Radium-226	pCi/L	<.2	<0.2	---
Selenium (Dis)	mg/L	0.009	0.008	0.012[b]
Selenium (Tot)	mg/L	0.010	0.010	---
Silicon[c]	mg/L	---	---	---
Silver (Dis)	mg/L	<0.025	---	---
Silver (Tot)	mg/L	<0.005	---	---
Sodium (Dis)[c]	mg/L	420.	521.	400.
Sodium (Tot)[c]	mg/L	422.	552.	---
Sp. Cond.[c]	µmhos/cm	---	---	2594.
Sp. Cond. RCRA (1)[c]	µmhos/cm	2816.	2200.	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	2880.	2200.	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	2880.	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	2752.	---	---
Sulfate	mg/L	988.[b]	1190.[b]	880.[b]
Temperature[c]	deg C	---	---	12.
Thorium-230[c]	pCi/L	---	---	---
TOCarbon RCRA (1)[c]	mg/L	6.5	5.8	---
TOCarbon RCRA (2)[c]	mg/L	6.6	5.6	---
TOCarbon RCRA (3)[c]	mg/L	6.5	5.5	---
TOCarbon RCRA (4)[c]	mg/L	6.5	5.8	---
Total Coliform[c]	col/100 mL	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---
TOX RCRA (1)[c]	µg/L	39.	17.	---
TOX RCRA (2)[c]	µg/L	47.	27.	---
TOX RCRA (3)[c]	µg/L	35.	24.	---
TOX RCRA (4)[c]	µg/L	39.	17.	---
Toxaphene	mg/L	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMH-181 1984/04/18	MMH-241 1984/05/21	MMH-371 1984/07/23	MMH-647 1984/09/24	MMH-710 1984/10/29	MMW-679 1985/04/09	MMT-671 1985/06/10	MMW-468 1985/10/14
Uranium (Dis)	pCi/L	1332[b]	1065.6[b]	1332[b]	1198.8[b]	799.2[b]	1198.8[b]	1398.6[b]	1332[b]
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	0.82	0.94	0.86	0.84	.78	.76	1.20
Zinc (Dis)	mg/L	<0.10	0.08	<0.05	0.07	0.35	<.05	<.05	<.005

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-01 Upper

Chemical Name	Unit	MMY-624 1986/06/02	MMZ-159 1986/10/20	MMZ-634 1987/05/18
Uranium (Dis)	pCi/L	---	2264.4[b]	1345.32[b]
Uranium (Tot)	pCi/L	---	2264.4[b]	---
Vanadium (Dis)[c]	mg/L	---	1.07	1.13
Zinc (Dis)	mg/L	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-02

Chemical Name	Unit	MMH-105 1984/03/19	MMH-125 1984/03/20	MMH-236 1984/05/21	MMH-240 1984/05/22	MMH-356 1984/07/23	MMH-370 1984/07/24	MMH-648 1984/09/24	MMH-709 1984/10/29
Alkalinity[c]	mg/L	400	400	410	410	296	296	358	372
Aluminum (Dis)	mg/L	0.12	<0.10	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<.01	<0.01	<0.01	<.01	<0.010
Barium (Dis)	mg/L	<0.10	<0.1	<0.10	<.1	<0.1	<0.1	<0.1	<0.1
Cadmium (Dis)	mg/L	---	---	---	---	---	---	---	<0.002
Calcium (Dis)[c]	mg/L	306	306	285	299	281	277	297	232
Chloride	mg/L	180	150	170	170	183	188	170	180
Chromium (Dis)	mg/L	---	---	---	---	---	---	---	<0.010
Depth To Water[c]	feet	16.35	16.35	15.12	15.12	17.11	17.12	17.46	17.29
Eh (Ref. to Calomel[c]	mv	100	100	200	200	190	190	65	130
Fluoride	mg/L	---	---	---	---	---	---	---	0.55
Gross Alpha	pCi/L	---	---	---	---	---	---	---	220[b]
Gross Beta	mrem/yr	---	---	---	---	---	---	---	5.18[b]
Iron (Dis)	mg/L	0.1	0.1	<.1	<.1	<.5	<.5	<0.5	<0.10
Lead (Dis)	mg/L	---	---	---	---	---	---	---	<0.010
Lead-210[c]	pCi/L	---	---	<1.5	<1.5	---	---	<1.5	---
Magnesium (Dis)[c]	mg/L	91	93	89	91	66	68	84.5	61.8
Manganese (Dis)	mg/L	3.0[b]	3.1[b]	1.7[b]	1.9[b]	0.5[b]	0.6[b]	2.1[b]	0.46[b]
Mercury (Dis)	mg/L	---	---	---	---	---	---	---	<0.001
Molybdenum (Dis)	mg/L	0.28[b]	0.53[b]	0.492[b]	.439[b]	0.08	0.1	0.32[b]	0.07
Oxygen[c]	mg/L	---	---	1.2	1.2	1.9	1.9	1.3	---
pH		7.	7.	6.9	6.9	7.8	7.8	7.2	7.1
Potassium (Dis)[c]	mg/L	16.2	16.4	15.0	20.2	11	11	16.4	11.5
Radium-226	pCi/L	---	---	<2.0	<2.0	---	---	<2	<2
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<.01	<0.01	<0.01	<0.01	<0.010
Silicon[c]	mg/L	6.56	7.39	6.6	6.5	5	5	7	5.1
Silver (Dis)	mg/L	---	---	---	---	---	---	---	<0.010
Sodium (Dis)[c]	mg/L	664	656	580	610	432	455	630	545
Sp. Cond.[c]	µmhos/cm	3828	3828	3937	3937	3136	3136	3419	2898
Sulfate	mg/L	1800[b]	1700[b]	1800[b]	1700[b]	1500[b]	1540[b]	1600[b]	1400[b]
Temperature[c]	deg C	9	9	12.5	12.5	11	11	10.5	12
Thorium-230[c]	pCi/L	---	---	<1	<1	---	---	<1	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	3.0
Uranium (Dis)	pCi/L	1465.2[b]	1332[b]	1198.8[b]	1198.8[b]	599.4[b]	532.8[b]	1531.8[b]	199.8[b]

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-02

Chemical Name	Unit	MMH-105 1984/03/19	MMH-125 1984/03/20	MMH-236 1984/05/21	MMH-240 1984/05/22	MMH-356 1984/07/23	MMH-370 1984/07/24	MMH-648 1984/09/24	MMH-709 1984/10/29
Vanadium (Dis)[c]	mg/L	0.06	<0.05	<0.05	<.05	<0.05	<0.05	<0.05	<0.05
Zinc (Dis)	mg/L	<0.1	<0.1	0.06	.07	0.05	<0.05	0.06	0.30

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-07

Chemical Name	Unit	MMH-268 1984/05/21	MMH-359 1984/07/23	MMH-644 1984/09/24	MMH-717 1984/10/29	MMW-683 1985/04/09	MMZ-629 1987/05/18
Alkalinity[c]	mg/L	284	333	344	384	453	334.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	0.005
Barium (Dis)	mg/L	1.000	<0.1	0.1	0.1	<.1	---
Calcium (Dis)[c]	mg/L	40.0	116	212	238	212	139.
Chloride	mg/L	32	27	61	88	70.2	28.6
Depth To Water[c]	feet	29.12	8.92	9.54	9.83	8.75	---
Eh (Ref. to Calomel[c]	mv	150	140	175	100	---	170.
Iron (Dis)	mg/L	0.2	<.5	<0.5	<0.10	.2	<0.10
Magnesium (Dis)[c]	mg/L	11	28	48.4	58.4	52.6	32.5
Manganese (Dis)	mg/L	<.1	<.5	<0.5	0.10[b]	<.05	0.026
Molybdenum (Dis)	mg/L	<0.050	0.06	0.06	0.06	<.05	0.050
Oxygen[c]	mg/L	---	2.2	0.6	---	---	---
pH		7.8	7.1	7.1	6.7	6.7	7.0
Potassium (Dis)[c]	mg/L	8.38	8.2	11.2	11.8	9.80	7.60
Radium-226	pCi/L	<2	---	<2	<2	<1	---
Selenium (Dis)	mg/L	<0.01	0.03[b]	0.06[b]	0.037[b]	0.040[b]	0.012[b]
Silicon[c]	mg/L	4.1	7	8	8.6	7.6	---
Sodium (Dis)[c]	mg/L	89	84	147	160	130	99.
Sp. Cond.[c]	µmhos/cm	679	1037	1573	1600	1551	1280.
Sulfate	mg/L	44	248	560[b]	710[b]	784[b]	281.
Temperature[c]	deg C	16	14	14.5	11	9	11.5
Uranium (Dis)	pCi/L	3.996	313.02[b]	466.2[b]	479.52[b]	266.4[b]	216.45[b]
Vanadium (Dis)[c]	mg/L	<0.05	0.07	0.08	0.09	.08	0.060
Zinc (Dis)	mg/L	0.06	0.10	0.10	0.30	<.05	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-07A

Chemical Name	Unit	MMH-269 1984/05/21	MMW-482 1985/10/14	MMW-490 1985/10/14	MMY-584 1986/06/02	MMZ-160 1986/10/20
Alkalinity[c]	mg/L	277	381	381	298.	228.
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.010	0.005	0.005
Barium (Dis)	mg/L	<0.10	.1	.1	<0.10	---
Calcium (Dis)[c]	mg/L	75.2	287	281	104.	204.
Chloride	mg/L	8	99.7	101	14.2	73.0
Depth To Water[c]	feet	6.92	10.19	10.19	---	9.05
Eh (Ref. to Calomel[c]	mv	180	140	140	165.	150.
Iron (Dis)	mg/L	0.1	<.03	.04	<0.030	---
Magnesium (Dis)[c]	mg/L	15	72.4	70.5	26.	53.
Manganese (Dis)	mg/L	<.1	.07[b]	.07[b]	0.017	---
Molybdenum (Dis)	mg/L	0.080	.02	<.01	0.050	0.055
pH		7.3	6.6	6.6	6.9	6.4[b]
Phosphate[c]	mg/L	---	<0.1	<0.1	---	---
Potassium (Dis)[c]	mg/L	6.69	10	10	7.8	12.
Radium-226	pCi/L	---	<1.0	<1	<.2	<0.5
Selenium (Dis)	mg/L	<0.01	0.034[b]	0.037[b]	0.018[b]	0.007
Silicon[c]	mg/L	6.6	9.6	9.6	9.5	---
Sodium (Dis)[c]	mg/L	62	166	160	57.	124.
Sp. Cond.[c]	µmhos/cm	720	2309	2309	1062.	1300.
Sulfate	mg/L	110	865[b]	884[b]	207.	666.[b]
Temperature[c]	deg C	15	11	11	14.	12.
Uranium (Dis)	pCi/L	246.42[b]	199.8[b]	199.8[b]	133.2[b]	133.2[b]
Vanadium (Dis)[c]	mg/L	0.07	.09	.10	0.063	0.096
Zinc (Dis)	mg/L	0.06	.006	<.005	<0.010	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MMH-235 1984/05/21	MMH-365 1984/07/23	MMH-646 1984/09/24	MMH-708 1984/10/29	MMW-681 1985/04/09	MMW-466 1985/10/14	MMY-618 1986/06/02	MMZ-161 1986/10/20
Alkalinity[c]	mg/L	347	467	361	385	414	419	310.	231.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<0.10	---
Cadmium (Dis)	mg/L	---	---	---	<0.002	---	<.001	---	---
Calcium (Dis)[c]	mg/L	295	383	357	360	368	385	394.	339.
Chloride	mg/L	100	172	130	130	190	184	168.	179.
Chromium (Dis)	mg/L	---	---	---	<0.010	---	<.01	---	---
Depth To Water[c]	feet	6	9.77	10.54	10.5	9.25	10.41	---	9.67
Eh (Ref. to Calomel[c]	mv	200	190	50	35	---	135	150.	155.
Fluoride	mg/L	---	---	---	0.76	---	0.73	---	---
Gross Alpha	pCi/L	---	---	---	30[b]	---	134[b]	---	---
Gross Beta	mrem/yr	---	---	---	<3.7	---	7.4[b]	---	---
Iron (Dis)	mg/L	<.1	<.5	<0.5	<0.10	.1	<.03	0.032	---
Lead (Dis)	mg/L	---	---	---	<0.010	---	<.01	---	---
Magnesium (Dis)[c]	mg/L	83	97	91.9	91.0	106	97.2	101.	96.
Manganese (Dis)	mg/L	<.1	<.5	<0.5	<0.05	<.05	<.01	0.010	---
Mercury (Dis)	mg/L	---	---	---	<0.001	---	<.0002	---	---
Molybdenum (Dis)	mg/L	0.213[b]	<0.05	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	2.2	1.8	1.3	---	---	---	---	---
pH		6.8	6.9	6.75	6.6	6.6	6.6	6.5	6.0[b]
Phosphate[c]	mg/L	---	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	9.63	14	10.0	9.5	10.5	9	8.0	7.8
Radium-226	pCi/L	<2	---	<2	<2	---	<1.0	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	µg/L	0.018[b]	<0.01	<0.01	<0.010	0.010	0.010	0.009	<0.005
Silicon[c]	mg/L	7.7	9	12	10.6	8.2	10.1	11.	---
Silver (Dis)	mg/L	---	---	---	<0.010	---	<.01	---	---
Sodium (Dis)[c]	mg/L	196	224	166	183	219	170	196.	162.
Sp. Cond.[c]	µmhos/cm	2294	2820	4638	2046	2691	2876	2730.	1800.
Sulfate	mg/L	930[b]	1190[b]	1000[b]	1000[b]	1200[b]	1120[b]	1170.[b]	1080.[b]
Temperature[c]	deg C	13	15	13	13	10	11	12.5	12.5
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	8.5	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	8.2	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MMZ-633 1987/05/18	MMZ-551 1987/10/13	MMX-726 1988/04/14	MMX-976 1988/10/17	MCL-251 1989/05/10	MLZ-609 1989/10/17	MLY-001 1990/04/11	MLY-151 1990/10/17
Alkalinity[c]	mg/L	448.	365.	422	380	298	266	246	264
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.010	<0.01	<0.010	<0.010
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	468.	---	---	---	---	---	---	---
Chloride	mg/L	234.	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	---	9.52	10.43	9.64	10.03	10.00	11.16
Eh (Ref. to Calomel[c]	mv	145.	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	34.2[b]	127[b]	40[b]	94[b]	<46	<48	95[b]
Gross Beta	mrem/yr	---	---	<5.698	<1.924	<4.662	<2.146	<3.108	---
Iron (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	113.	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	<0.025	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.050	0.015	<0.01	<0.010	<0.01
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
pH		6.7	6.4[b]	6.47[b]	6.60	6.41[b]	6.10[b]	6.40[b]	8.03
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	9.4	---	---	---	---	---	---	---
Radium-226	pCi/L	---	0.2	0.3	0.3	0.9	0.2	0.3	0.5
Radium-228	pCi/L	---	<1.	<0.8	<1.1	<1.0	<2.0	<1	<2
Selenium (Dis)	mg/L	0.008	<0.005	<0.005	0.006	0.020[b]	<0.005	0.0072	0.0096
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Silver (Dis)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	220.	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2867.	2790.	2915	2810	2720	1960	2620	2470
Sulfate	mg/L	1360.[b]	---	---	---	---	---	---	---
Temperature[c]	deg C	11.	12.	8.5	12.9	9.8	13.2	10.7	12.2
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MLY-399 1991/06/24	MLY-511 1991/10/20
Alkalinity[c]	mg/L	246	305
Arsenic (Dis)	mg/L	<.01	<.003
Barium (Dis)	mg/L	---	---
Cadmium (Dis)	mg/L	---	---
Calcium (Dis)[c]	mg/L	---	---
Chloride	mg/L	---	---
Chromium (Dis)	mg/L	---	---
Depth To Water[c]	feet	9.27	---
Eh (Ref. to Calomel[c]	mv	---	---
Fluoride	mg/L	---	---
Gross Alpha	pCi/L	138[b]	160[b]
Gross Beta	mrem/yr	---	---
Iron (Dis)	mg/L	---	---
Lead (Dis)	mg/L	---	---
Magnesium (Dis)[c]	mg/L	---	---
Manganese (Dis)	mg/L	---	---
Mercury (Dis)	mg/L	---	---
Molybdenum (Dis)	mg/L	.016	<.018
Oxygen[c]	mg/L	---	---
pH		6.29[b]	6.5
Phosphate[c]	mg/L	---	---
Potassium (Dis)[c]	mg/L	---	---
Radium-226	pCi/L	.2	.2
Radium-228	pCi/L	<2	<3
Selenium (Dis)	mg/L	.034[b]	.024[b]
Silicon[c]	mg/L	---	---
Silver (Dis)	mg/L	---	---
Sodium (Dis)[c]	mg/L	---	---
Sp. Cond.[c]	µmhos/cm	2110	2120
Sulfate	mg/L	---	---
Temperature[c]	deg C	---	12.8
Thorium-230[c]	pCi/L	---	<3.8
TOCarbon RCRA (1)[c]	mg/L	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MMH-235 1984/05/21	MMH-365 1984/07/23	MMH-646 1984/09/24	MMH-708 1984/10/29	MMW-681 1985/04/09	MMW-466 1985/10/14	MMY-618 1986/06/02	MMZ-161 1986/10/20
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	8.5	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	8.4	---	---
Total Organic Carbo[c]	mg/L	---	---	---	8	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	46	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	38	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	38	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	36	---	---
Uranium (Dis)	pCi/L	239.76[b]	239.76[b]	133.2[b]	89.244[b]	19.98	133.2[b]	66.6[b]	60.606[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<.05	.02	<0.050	<0.050
Zinc (Dis)	mg/L	0.08	0.08	0.08	0.31	<.05	<.005	0.013	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MMZ-633 1987/05/18	MMZ-551 1987/10/13	MMX-726 1988/04/14	MMX-976 1988/10/17	MCL-251 1989/05/10	MLZ-609 1989/10/17	MLY-001 1990/04/11	MLY-151 1990/10/17
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	183.15[b]	75.924[b]	117.216[b]	73.26[b]	86.58[b]	32.634[b]	50.616[b]	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	43.7[b]
Uranium-238	pCi/L	---	---	---	---	---	---	---	40.2[b]
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	<0.050	<0.050	<0.05	<0.050	<0.05
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-08

Chemical Name	Unit	MLY-399 1991/06/24	MLY-511 1991/10/20
TOCarbon RCRA (3)[c]	mg/L	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---
Total Organic Carbo[c]	mg/L	---	---
TOX RCRA (1)[c]	µg/L	---	---
TOX RCRA (2)[c]	µg/L	---	---
TOX RCRA (3)[c]	µg/L	---	---
TOX RCRA (4)[c]	µg/L	---	---
Uranium (Dis)	pCi/L	---	---
Uranium-234	pCi/L	82.4[b]	81[b]
Uranium-238	pCi/L	78.6[b]	79[b]
Vanadium (Dis)[c]	mg/L	<.05	<.01
Zinc (Dis)	mg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-09

Chemical Name	Unit	MMH-285 1984/05/21	MMH-719 1984/10/29	MMW-459 1985/10/14	MMY-583 1986/06/02	MMZ-162 1986/10/20	MMZ-632 1987/05/18	MMX-727 1988/04/14	MMX-977 1988/10/17
Alkalinity[c]	mg/L	332	412	350	404.	285.	322.	318	395
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<.1	<0.10	---	---	---	---
Calcium (Dis)[c]	mg/L	140	150	153	226.	129.	167.	---	---
Chloride	mg/L	35	28	43.4	73.1	27.4	48.8	---	---
Depth To Water[c]	feet	---	6.1	5.75	---	5.51	---	5.6	5.46
Eh (Ref. to Calomel[c]	mv	220	-60	120	130.	130.	110.	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	334[b]	265[b]
Gross Beta	mrem/yr	---	---	---	---	---	---	13.024[b]	10.878[b]
Iron (Dis)	mg/L	<.1	0.16	.09	0.15	---	<0.10	---	---
Magnesium (Dis)[c]	mg/L	23	26.8	38.8	50.	32.	36.3	---	---
Manganese (Dis)	mg/L	0.1[b]	1.22[b]	1.16[b]	0.81[b]	---	0.283[b]	---	---
Molybdenum (Dis)	mg/L	0.199[b]	0.11[b]	.09	0.11[b]	0.134[b]	0.11[b]	0.107[b]	0.13[b]
pH		7.1	7.35	7.0	6.95	6.8	7.1	7.18	6.92
Phosphate[c]	mg/L	---	---	<0.1	---	---	---	---	---
Potassium (Dis)[c]	mg/L	11.7	12.2	12	15.	14.	12.5	---	---
Radium-226	pCi/L	---	---	---	---	---	---	0.4	0.4
Radium-228	pCi/L	---	---	---	---	---	---	<1.3	<1.4
Selenium (Dis)	mg/L	<0.01	<0.010	<0.005	0.015[b]	<0.005	<0.005	0.007	<0.005
Silicon[c]	mg/L	13.2	7.6	7.4	9.1	---	---	---	---
Sodium (Dis)[c]	mg/L	95	119	97.3	133.	109.	120.	---	---
Sp. Cond.[c]	µmhos/cm	896	1016	1452	1125.	950.	1331.	1699	2060
Sulfate	mg/L	230	260	386	579.[b]	320.	433.	---	---
Temperature[c]	deg C	11	11.5	12	14.	12	10.	8.7	12.5
Uranium (Dis)	pCi/L	239.76[b]	199.8[b]	333[b]	266.4[b]	333[b]	369.63[b]	414.252[b]	472.86[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.01	<0.050	<0.050	<0.050	<0.05	<0.050
Zinc (Dis)	mg/L	0.22	0.45	<.005	<0.010	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-09

Chemical Name	Unit	MCL-252 1989/05/10
Alkalinity[c]	mg/L	386
Arsenic (Dis)	mg/L	<0.010
Barium (Dis)	mg/L	---
Calcium (Dis)[c]	mg/L	---
Chloride	mg/L	---
Depth To Water[c]	feet	5.64
Eh (Ref. to Calomel[c]	mv	---
Gross Alpha	pCi/L	590[b]
Gross Beta	mrem/yr	21.46[b]
Iron (Dis)	mg/L	---
Magnesium (Dis)[c]	mg/L	---
Manganese (Dis)	mg/L	---
Molybdenum (Dis)	mg/L	0.130[b]
pH		7.18
Phosphate[c]	mg/L	---
Potassium (Dis)[c]	mg/L	---
Radium-226	pCi/L	0.6
Radium-228	pCi/L	<1.0
Selenium (Dis)	mg/L	0.038[b]
Silicon[c]	mg/L	---
Sodium (Dis)[c]	g/L	---
Sp. Cond.[c]	µmhos/cm	2194
Sulfate	mg/L	---
Temperature[c]	deg C	11.5
Uranium (Dis)	pCi/L	432.9[b]
Vanadium (Dis)[c]	mg/L	<0.050
Zinc (Dis)	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-13

Chemical Name	Unit	MMH-121 1984/03/19	MMH-124 1984/03/20	MMH-362 1984/07/23	MMH-649 1984/09/24	MMH-720 1984/10/29	MMW-684 1985/04/09	MMW-460 1985/10/14	MMY-582 1986/06/02
Alkalinity[c]	mg/L	372	372	426	468	477	447	444	409.
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.021	<0.01	0.02	<.01	<0.010	<0.010	<0.010	<0.005
Barium (Dis)	mg/L	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<0.10
Calcium (Dis)[c]	mg/L	149	149	248	327	352	157	324	282.
Chloride	mg/L	63	58	127	170	170	80	172	127.
Depth To Water[c]	feet	---	---	4.23	6.08	5.79	4.67	5.17	---
Eh (Ref. to Calomel[c]	mv	50	50	100	40	-40	---	40	80.
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.2	0.2	<.5	0.5[b]	0.81[b]	.2	.22	0.26
Magnesium (Dis)[c]	mg/L	37	37	64	83.1	80.0	47.0	80.9	74.
Manganese (Dis)	mg/L	0.1[b]	0.2[b]	<.5	<0.5	0.19[b]	.05	.17[b]	0.16[b]
Molybdenum (Dis)	mg/L	0.11[b]	0.12[b]	<0.05	<0.05	<0.05	<.05	<.01	<0.050
Oxygen[c]	mg/L	---	---	1.6	1.0	---	---	---	---
pH		7.2	7.2	7.05	7.1	7.6	6.8	6.9	6.8
Phosphate[c]	mg/L	---	---	---	---	---	---	<0.1	---
Potassium (Dis)[c]	mg/L	4.2	4.2	5.0	5.6	6.8	5.00	5	5.0
Radium-226	pCi/L	---	---	---	---	---	---	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005
Silicon[c]	mg/L	5.28	5.35	5	5	5.3	4.4	5.2	6.4
Sodium (Dis)[c]	mg/L	197	185	233	310	322	207	298	263.
Sp. Cond.[c]	µmhos/cm	1439	1439	2142	2527	2188	1633	2970	2128.
Sulfate	mg/L	480	500	769[b]	1000[b]	990[b]	560[b]	1140[b]	904.[b]
Temperature[c]	deg C	9	9	12	11.5	12.5	8	11	14.
Uranium (Dis)	pCi/L	399.6[b]	399.6[b]	532.8[b]	466.2[b]	532.8[b]	266.4[b]	532.8[b]	199.8[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.01	<0.050
Zinc (Dis)	mg/L	<0.1	<0.1	0.30	0.11	0.47	<.05	<.005	<0.010

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-13

Chemical Name	Unit	MMZ-163 1986/10/20	MMZ-631 1987/05/18	MMX-728 1988/04/14	MMX-978 1988/10/17	MCL-253 1989/05/10
Alkalinity[c]	mg/L	356.	366.	333	387	358
Aluminum (Dis)	mg/L	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.010
Barium (Dis)	mg/L	---	---	---	---	---
Calcium (Dis)[c]	mg/L	220.	150.	---	---	---
Chloride	mg/L	96.5	47.5	---	---	---
Depth To Water[c]	feet	5.40	---	5.27	4.72	5.74
Eh (Ref. to Calomel[c]	mv	-60.	70.	---	---	---
Gross Alpha	pCi/L	---	---	206[b]	251[b]	292[b]
Gross Beta	mrem/yr	---	---	18.13[b]	7.104[b]	10.138[b]
Iron (Dis)	mg/L	---	0.17	---	---	---
Magnesium (Dis)[c]	mg/L	58.	36.6	---	---	---
Manganese (Dis)	mg/L	---	0.079[b]	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.050	<0.05	<0.050	<0.010
Oxygen[c]	mg/L	---	---	---	---	---
pH		6.75	6.9	6.72	6.47[b]	6.91
Phosphate[c]	mg/L	---	---	---	---	---
Potassium (Dis)[c]	mg/L	5.0	3.30	---	---	---
Radium-226	pCi/L	---	---	<0.1	0.1	0.2
Radium-228	pCi/L	---	---	<0.9	<1.1	<1.0
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	---	---	---	---	---
Sodium (Dis)[c]	mg/L	249.	180.	---	---	---
Sp. Cond.[c]	µmhos/cm	1650.	1415.	1754	2900	2580
Sulfate	mg/L	760.[b]	433.	---	---	---
Temperature[c]	deg C	11.5	11.5	8.2	11.7	8.9
Uranium (Dis)	pCi/L	399.6[b]	275.724[b]	263.07[b]	379.62[b]	293.04[b]
Vanadium (Dis)[c]	mg/L	<0.050	<0.050	<0.05	<0.050	<0.050
Zinc (Dis)	mg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-16

Chemical Name	Unit	MMH-363 1984/07/23
Alkalinity[c]	mg/L	329
Arsenic (Dis)	mg/L	<0.01
Barium (Dis)	mg/L	<0.1
Calcium (Dis)[c]	mg/L	128
Chloride	mg/L	42
Depth To Water[c]	feet	17.27
Eh (Ref. to Calomel[c]	mv	150
Iron (Dis)	mg/L	<.5
Magnesium (Dis)[c]	mg/L	32
Manganese (Dis)	mg/L	<.5
Molybdenum (Dis)	mg/L	0.06
pH		7.7
Potassium (Dis)[c]	mg/L	10
Selenium (Dis)	mg/L	<0.01
Silicon[c]	mg/L	6
Sodium (Dis)[c]	mg/L	116
Sp. Cond.[c]	µmhos/cm	1232
Sulfate	mg/L	325
Temperature[c]	deg C	19
Uranium (Dis)	pCi/L	93.24[b]
Vanadium (Dis)[c]	mg/L	<0.05
Zinc (Dis)	mg/L	0.47

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-19

Chemical Name	Unit	MMH-101 1984/03/19	MMH-179 1984/04/18	MMH-183 1984/04/19	MMH-226 1984/05/21	MMH-354 1984/07/23	MMH-630 1984/09/24	MMH-721 1984/10/29	MMW-661 1985/04/09
Alkalinity[c]	mg/L	282	320	320	252	353	372	349	316
Aluminum (Dis)	mg/L	<0.10	<0.10	<0.10	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0.010
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.10	<0.1	0.1	<0.1	<.1
Calcium (Dis)[c]	mg/L	126	140	140	132	135	132	141	132
Chloride	mg/L	8	9	9	8	12	14	14	15
Depth To Water[c]	feet	8.83	9.21	---	9.54	12.31	13.42	13.54	8.21
Eh (Ref. to Calomel[c]	mv	-25	-60	-60	-30	190	-90	160	---
Iron (Dis)	mg/L	0.5[b]	0.9[b]	0.8[b]	0.3	<.5	1.4[b]	1.26[b]	.5[b]
Magnesium (Dis)[c]	mg/L	20.6	20.8	20.4	20	23	24.9	23.0	23.4
Manganese (Dis)	mg/L	1.4[b]	1.2[b]	1.1[b]	0.6[b]	1.1[b]	1.2[b]	1.03[b]	.35[b]
Molybdenum (Dis)	mg/L	<0.05	0.06	<0.05	<0.050	<0.05	<0.05	<0.05	<.05
Oxygen[c]	mg/L	---	---	---	---	3.0	1.6	---	---
pH		7.5	7.6	7.6	7.3	7.3	7.3	7.6	6.8
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	2.6	2.6	2.6	2.6	2.6	2.4	3.0	2.92
Radium-226	pCi/L	---	<2	<2	<2	---	<2	<2	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005
Silicon[c]	mg/L	6.87	6.93	6.83	6.6	6	8	7.0	6.4
Sodium (Dis)[c]	mg/L	30.0	38.6	35.4	32.4	50	50.8	58.9	42.6
Sp. Cond.[c]	µmhos/cm	798	858	858	768	917	889	832	810
Sulfate	mg/L	180	180	180	190	186	200	220	180
Temperature[c]	deg C	8.5	9	9	11	9.5	11.5	11	11
Uranium (Dis)	pCi/L	30.636[b]	18.648	18.648	24.642	7.992	7.326	15.318	33.966[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05
Zinc (Dis)	mg/L	0.5	<0.10	<0.10	0.21	4.13	0.68	0.31	<.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-19

Chemical Name	Unit	MMW-461 1985/10/14	MMY-599 1986/06/02	MMZ-164 1986/10/20
Alkalinity[c]	mg/L	313	348.	231.
Aluminum (Dis)	mg/L	---	---	---
Arsenic (Dis)	mg/L	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	156	153.	209.
Chloride	mg/L	12.3	11.3	11.9
Depth To Water[c]	feet	11.6250	---	10.68
Eh (Ref. to Calomel[c]	mv	50	-25.	80.
Iron (Dis)	mg/L	.15	2.2[b]	---
Magnesium (Dis)[c]	mg/L	26.2	25.	31.
Manganese (Dis)	mg/L	.24[b]	1.0[b]	---
Molybdenum (Dis)	mg/L	<.01	<0.050	<0.050
Oxygen[c]	mg/L	---	---	---
pH		7.0	7.2	6.85
Phosphate[c]	mg/L	<0.1	---	---
Potassium (Dis)[c]	mg/L	2	2.6	3.0
Radium-226	pCi/L	---	---	---
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005
Silicon[c]	mg/L	7.2	9.1	---
Sodium (Dis)[c]	mg/L	38.1	58.	37.
Sp. Cond.[c]	µmhos/cm	1056	998.	850.
Sulfate	mg/L	232	223.	395.
Temperature[c]	deg C	10	11.	12.
Uranium (Dis)	pCi/L	19.314	7.992	15.318
Vanadium (Dis)[c]	mg/L	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMH-104 1984/03/19	MMH-176 1984/04/18	MMH-230 1984/05/21	MMH-355 1984/07/23	MMH-706 1984/10/29	MMW-658 1985/04/09	MMT-665 1985/06/10	MMW-464 1985/10/14
2,4,5-TP (Silvex)	µg/L	---	---	---	---	<0.1	<0.1	<0.1	<0.1
2,4-D[c]	µg/L	---	---	---	---	<0.2	<0.2	<0.2	<0.2
Alkalinity[c]	mg/L	250	252	281	274	293	339	333	321
Aluminum (Dis)	mg/L	<0.10	0.13	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.010	0.010	<.01	<0.010
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	---
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<.1	<.1	<.1
Barium (Tot)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	<0.002	<.001	<0.001	<.001
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	108	113	126	114	133	143	184	164
Chloride	mg/L	5	6	6	7.6	8	16	17.9	8.9
Chromium (Dis)	mg/L	---	---	---	---	<0.010	.01	<0.010	<.01
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	16.37	16.94	17.02	18.87	20.08	15.67	16.625	18.1875
Eh (Ref. to Calomel[c]	mv	35	170	90	-10	90	---	35	150
Endrin	mg/L	---	---	---	---	<.00001	<.00001	<.00001	<.00001
Fluoride	mg/L	---	---	---	---	0.17	0.2	0.2	0.16
gamma-BHC (Lindane)	mg/L	---	---	---	---	<.00001	<.00001	<.00001	<.00001
Gross Alpha	pCi/L	---	---	---	---	<15	<13	15	<11
Gross Beta	mrem/yr	---	---	---	---	<3.7	<.37	.74	<1.332
Iron (Dis)	mg/L	0.3	0.2	0.1	.6[b]	0.25	.4[b]	.1	.06
Iron (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	<0.010	<.01	<0.010	<.01
Lead (Tot)	mg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	17.3	18.2	16	18	22.0	23.9	31.0	25.2
Manganese (Dis)	mg/L	1.6[b]	2.0[b]	0.8[b]	1.2[b]	1.31[b]	1.02[b]	.63[b]	.74[b]
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	<0.001	.0023[b]	<.0002	<.0002
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	<.0005	<.0005	<.0005	<.0005
Molybdenum (Dis)	mg/L	<0.05	0.06	0.053	<0.05	<0.05	.06	<.05	<.01
Oxygen[c]	mg/L	---	---	2.5	2.7	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMY-585 1986/06/02	MMZ-180 1986/10/20	MMZ-165 1986/10/20	MMZ-554 1987/10/13	MMX-729 1988/04/14	MMX-979 1988/10/17	MCL-254 1989/05/09	MLZ-612 1989/10/17
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	---	---	---	325.	336	383	335	379
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.01
Arsenic (Tot)	mg/L	<0.005	<0.005	<0.005	---	---	---	---	---
Barium (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Barium (Tot)	mg/L	<0.10	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	<0.005	---	---	---	---	---	---	---
Cadmium (Tot)	mg/L	<0.005	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	353.	340.	---	---	---	---	---
Chloride	mg/L	15.6	17.5	16.9	---	---	---	---	---
Chromium (Dis)	mg/L	<0.030	---	---	---	---	---	---	---
Chromium (Tot)	mg/L	<0.030	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	17.91	17.91	---	16.55	17.05	16.92	18.25
Eh (Ref. to Calomel[c]	mv	---	80.	80.	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	0.2	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	27.6[b]	<48	<30	<68	<56
Gross Beta	mrem/yr	---	---	---	---	<5.698	<1.924	<4.736	<2.22
Iron (Dis)	mg/L	0.17	0.15	0.16	---	---	---	---	---
Iron (Tot)	mg/L	0.53[b]	.748[b]	.763[b]	---	---	---	---	---
Lead (Dis)	mg/L	<0.025	---	---	---	---	---	---	---
Lead (Tot)	mg/L	<0.025	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	46.	47.	---	---	---	---	---
Manganese (Dis)	mg/L	0.53[b]	1.05[b]	1.04[b]	---	---	---	---	---
Manganese (Tot)	mg/L	0.53[b]	1.19[b]	1.15[b]	---	---	---	---	---
Mercury (Dis)	mg/L	<0.001	---	---	---	---	---	---	---
Mercury (Tot)	mg/L	<0.001	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	---	<.050	<.050	<0.05	<0.05	<0.050	<0.010	<0.01
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MLY-002 1990/04/10	MLY-152 1990/10/17	MLY-385 1991/06/24	MLY-508 1991/10/20	MLY-691 1992/04/14
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---
Alkalinity[c]	mg/L	298	318	294	366	249
Aluminum (Dis)	mg/L	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	0.27	---	---
Arsenic (Dis)	mg/L	<0.010	<0.010	<0.01	<.003	<.002
Arsenic (Tot)	mg/L	---	---	---	---	---
Barium (Dis)	mg/L	---	---	---	---	---
Barium (Tot)	mg/L	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---
Cadmium (Tot)	mg/L	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---
Chromium (Tot)	mg/L	---	---	---	---	---
Depth To Water[c]	feet	16.58	17.80	16.25	---	15.33
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---
Gross Alpha	pCi/L	<54	<76	<60	<50	<40
Gross Beta	mrem/yr	<3.108	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---
Iron (Tot)	mg/L	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	---
Lead (Tot)	mg/L	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---
Manganese (Tot)	mg/L	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---
Mercury (Tot)	mg/L	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.010	<0.01	<0.010	<.018	<.021
Oxygen[c]	mg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMH-104 1984/03/19	MMH-176 1984/04/18	MMH-230 1984/05/21	MMH-355 1984/07/23	MMH-706 1984/10/29	MMW-658 1985/04/09	MMT-665 1985/06/10	MMW-464 1985/10/14
pH		7.5	7.5	6.6	7.2	6.9	6.5	6.7	6.8
pH1 (RCRA)[c]		---	---	---	---	6.9	6.5	6.7	6.8
pH2 (RCRA)[c]		---	---	---	---	6.9	6.5	6.7	6.8
pH3 (RCRA)[c]		---	---	---	---	6.9	6.5	6.7	6.8
pH4 (RCRA)[c]		---	---	---	---	6.9	6.5	6.7	6.8
Phenol[c]	mg/L	---	---	---	---	<0.01	<0.01	<0.01	<0.01
Phosphate[c]	mg/L	---	---	---	---	---	---	---	<0.1
Potassium (Dis)[c]	mg/L	1.4	1.53	1.24	1.3	1.5	1.82	1.73	1
Radium-226	pCi/L	---	<2	---	---	<2	<1	<1	<1.0
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	0.01	<0.010	0.006	<.01	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	---
Silicon[c]	mg/L	6.80	7.01	7.0	7	7.5	6.6	6.8	7.0
Silver (Dis)	mg/L	---	---	---	---	<0.010	<.01	<0.010	<.01
Silver (Tot)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	25.3	27.8	25.4	30	28.2	31.1	37.9	35.3
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	670	643	552	748	726	878	1048	945
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	726	878	1048	945
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	726	878	1048	945
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	726	878	1048	945
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	726	878	1048	945
Sulfate	mg/L	130	140	140	153	200	210	324	230
Temperature[c]	deg C	8	12	10	10.5	9	11	11	10
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	3.6	2.4	8.1	5.8
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	3.6	2.4	8.0	5.8
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	3.5	---	7.5	5.4
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	3.5	---	7.4	5.5
Total Coliform[c]	col/100 mL	---	---	---	---	<1	<1	<1	<1
Total Organic Carbo[c]	mg/L	---	---	---	---	1.5	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	10000	<5	<5	24
TOX RCRA (2)[c]	µg/L	---	---	---	---	8520	8.3	9	19
TOX RCRA (3)[c]	µg/L	---	---	---	---	10000	---	6	24

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMY-585 1986/06/02	MMZ-180 1986/10/20	MMZ-165 1986/10/20	MMZ-554 1987/10/13	MMX-729 1988/04/14	MMX-979 1988/10/17	MCL-254 1989/05/09	MLZ-612 1989/10/17
pH		---	---	---	7.0	6.63	6.76	6.71	6.65
pH1 (RCRA)[c]		7.0	6.85	6.85	---	---	---	---	---
pH2 (RCRA)[c]		7.0	6.95	6.95	---	---	---	---	---
pH3 (RCRA)[c]		7.0	---	---	---	---	---	---	---
pH4 (RCRA)[c]		7.0	---	---	---	---	---	---	---
Phenol[c]	mg/L	<.01	<0.005	<0.005	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	1.9	1.9	---	---	---	---	---
Radium-226	pCi/L	.2	<0.3	<0.2	<0.1	0.1	0.1	0.3	0.1
Radium-228	pCi/L	---	---	---	<1.	<1.2	<1.0	<1.0	<2.0
Selenium (Dis)	mg/L	<0.005	0.015[b]	0.014[b]	0.022[b]	0.006	0.010	<0.005	<0.005
Selenium (Tot)	mg/L	<0.005	0.015[b]	0.015[b]	---	---	---	---	---
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Silver (Dis)	mg/L	<0.025	---	---	---	---	---	---	---
Silver (Tot)	mg/L	<0.005	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	37.	51.	51.	---	---	---	---	---
Sodium (Tot)[c]	mg/L	38.	54.	54.	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	---	---	---	1700.	2696	3240	2685	2170
Sp. Cond. RCRA (1)[c]	µmhos/cm	1037.	950.	950.	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	1037.	1150.	1150.	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	1037.	---	---	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	1098.	---	---	---	---	---	---	---
Sulfate	mg/L	381.	684.[b]	681.[b]	---	---	---	---	---
Temperature[c]	deg C	---	---	---	9.5	8.3	8.2	9.2	9.2
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	4.1	6.5	5.2	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	3.7	5.4	5.9	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	3.8	5.8	5.7	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	3.8	5.6	5.6	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	9.	7.	6.	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	<5.	5.	<5.	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	7.	<5.	8.	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MLY-002 1990/04/10	MLY-152 1990/10/17	MLY-385 1991/06/24	MLY-508 1991/10/20	MLY-691 1992/04/14
pH		6.90	7.01	6.69	6.78	6.57
pH1 (RCRA)[c]		---	---	---	---	---
pH2 (RCRA)[c]		---	---	---	---	---
pH3 (RCRA)[c]		---	---	---	---	---
pH4 (RCRA)[c]		---	---	---	---	---
Phenol[c]	mg/L	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---
Radium-226	pCi/L	<0.1	<1.7	0.2	<.1	0.2
Radium-228	pCi/L	<1	<2	<1	<2	<1
Selenium (Dis)	mg/L	<0.0050	<0.0050	0.007	<.002	~.03[b]
Selenium (Tot)	mg/L	---	---	---	---	---
Silicon[c]	mg/L	---	---	---	---	---
Silver (Dis)	mg/L	---	---	---	---	---
Silver (Tot)	mg/L	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---
Sodium (Tot)[c]	mg/L	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2780	2410	2450	2290	1973
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	---
Sulfate	mg/L	---	---	---	---	---
Temperature[c]	deg C	9.4	9.3	10.2	10	8.8
Thorium-230[c]	pCi/L	---	---	---	.4	<0.10
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMH-104 1984/03/19	MMH-176 1984/04/18	MMH-230 1984/05/21	MMH-355 1984/07/23	MMH-706 1984/10/29	MMW-658 1985/04/09	MMT-665 1985/06/10	MMW-464 1985/10/14
TOX RCRA (4)[c]	µg/L	---	---	---	---	7200	---	7	28
Toxaphene	mg/L	---	---	---	---	<.00048	<.00048	<.00048	<.00048
Uranium (Dis)	pCi/L	1.332	1.332	1.332	1.998	1.199	2.664	2.664	1.998
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	.06	<.05	<.01
Zinc (Dis)	mg/L	<0.1	2.82	0.21	2.10	0.25	.06	<.05	<.005

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MMY-585 1986/06/02	MMZ-180 1986/10/20	MMZ-165 1986/10/20	MMZ-554 1987/10/13	MMX-729 1988/04/14	MMX-979 1988/10/17	MCL-254 1989/05/09	MLZ-612 1989/10/17
TOX RCRA (4)[c]	µg/L	9.	5.	5.	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	---	3.33	3.996	6.66	7.992	9.324	10.656	11.988
Uranium (Tot)	pCi/L	---	3.996	3.996	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	---	<0.050	<0.050	<0.05	<0.05	<0.050	<0.050	<0.05
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-20

Chemical Name	Unit	MLY-002 1990/04/10	MLY-152 1990/10/17	MLY-385 1991/06/24	MLY-508 1991/10/20	MLY-691 1992/04/14
TOX RCRA (4)[c]	µg/L	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---
Uranium (Dis)	pCi/L	5.994	---	---	---	---
Uranium (Tot)	pCi/L	---	---	---	---	---
Uranium-234	pCi/L	---	5.5	5.4	5.3	6.1
Uranium-238	pCi/L	---	2.5	2.5	2.5	2.7
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.050	<.01	<.007
Zinc (Dis)	mg/L	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-26 (Lysimeter)

Chemical Name	Unit	MMH-116 1984/03/19	MMH-281 1984/05/21	MMH-740 1984/10/29	MMY-628 1986/06/02	MMZ-166 1986/10/20
Alkalinity[c]	mg/L	87	120	126	138.	---
Aluminum (Dis)	mg/L	0.20	---	---	---	---
Arsenic (Dis)	mg/L	0.076[b]	0.211[b]	0.086[b]	0.051[b]	0.026
Barium (Dis)	mg/L	<0.10	<0.10	<0.1	<0.10	---
Calcium (Dis)[c]	mg/L	388	401	403	435.	526.
Chloride	mg/L	64	35	53	45.5	---
Eh (Ref. to Calomel[c]	mv	210	190	250	160.	---
Iron (Dis)	mg/L	<0.1	<.1	<0.10	<0.030	---
Magnesium (Dis)[c]	mg/L	112	105	79.0	128.	216.
Manganese (Dis)	mg/L	2.3[b]	1.4[b]	1.28[b]	1.3[b]	---
Molybdenum (Dis)	mg/L	<0.05	30.7[b]	40.8[b]	0.70[b]	1.4[b]
pH		8.7[b]	7.4	---	8.1	---
Potassium (Dis)[c]	mg/L	36.0	36.0	15.3	34.	38.
Selenium (Dis)	mg/L	0.344[b]	0.373[b]	0.38[b]	0.35[b]	0.16[b]
Silicon[c]	mg/L	9.84	19.1	17.9	7.0	---
Sodium (Dis)[c]	mg/L	2560	2580	2920	2920.	593.
Sp. Cond.[c]	µmhos/cm	11616	11160	7800	1342.	---
Sulfate	mg/L	6200[b]	6500[b]	6100[b]	6360.[b]	---
Temperature[c]	deg C	9	13	10	15.	---
Uranium (Dis)	pCi/L	199.8[b]	119.88[b]	66.6[b]	54.612[b]	27439.2[b]
Vanadium (Dis)[c]	mg/L	7.47	7.54	9.06	2.9	0.270
Zinc (Dis)	mg/L	0.2	1.87	0.26	<0.010	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-26A (Lysimeter)

Chemical Name	Unit	MMH-117 1984/03/19	MMH-282 1984/05/21	MMH-739 1984/10/29	MMY-629 1986/06/02	MMZ-167 1986/10/20	MMZ-637 1987/05/18
Alkalinity[c]	mg/L	294	325	339	258.	---	337.
Aluminum (Dis)	mg/L	0.12	---	---	---	---	---
Arsenic (Dis)	mg/L	0.019	<0.01	<0.010	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.10	<0.1	<0.10	---	---
Calcium (Dis)[c]	mg/L	41.7	448	446	459.	431.	455.
Chloride	mg/L	43	40	46	32.8	---	40.0
Eh (Ref. to Calomel[c]	mv	230	210	240	190.	---	200.
Iron (Dis)	mg/L	<0.1	<.1	<0.10	0.033	---	<0.10
Magnesium (Dis)[c]	mg/L	76	87	62.5	67.	76.	81.2
Manganese (Dis)	mg/L	4.1[b]	3.0[b]	3.16[b]	2.8[b]	---	2.83[b]
Molybdenum (Dis)	mg/L	<0.05	38.9[b]	44.5[b]	1.2[b]	47.[b]	33.0[b]
pH		7.3	7.4	---	7.6	---	7.0
Potassium (Dis)[c]	mg/L	17.3	19.6	19.7	20.	19.	16.3
Selenium (Dis)	mg/L	0.208[b]	0.259[b]	0.27[b]	0.15[b]	0.12[b]	0.118[b]
Silicon[c]	mg/L	26.44	34.0	27.1	27.	---	---
Sodium (Dis)[c]	mg/L	2450	2510	2730	2850.	2605.	2500.
Sp. Cond.[c]	µmhos/cm	7920	9920	6600	12810.	---	10932.
Sulfate	mg/L	5600[b]	5700[b]	5600[b]	5550.[b]	---	5140.[b]
Temperature[c]	deg C	9	13	9	15.	---	10.
Uranium (Dis)	pCi/L	133.2[b]	113.22[b]	133.2[b]	61.272[b]	66.6[b]	<79.92
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	0.19	72.	<0.050	0.34
Zinc (Dis)	mg/L	0.2	1.64	0.34	0.066	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-26B (Lysimeter)

Chemical Name	Unit	MMY-630 1986/06/02
Alkalinity[c]	mg/L	240.
Arsenic (Dis)	mg/L	0.016
Barium (Dis)	mg/L	<0.10
Calcium (Dis)[c]	mg/L	530.
Chloride	mg/L	3.0
Eh (Ref. to Calomel[c]	mv	200.
Iron (Dis)	mg/L	<0.030
Magnesium (Dis)[c]	mg/L	134.
Manganese (Dis)	mg/L	<0.010
Molybdenum (Dis)	mg/L	0.80[b]
pH		7.9
Potassium (Dis)[c]	mg/L	27.
Selenium (Dis)	mg/L	0.043[b]
Silicon[c]	mg/L	33.
Sodium (Dis)[c]	mg/L	255.
Sp. Cond.[c]	µmhos/cm	4352.
Sulfate	mg/L	2110.[b]
Temperature[c]	deg C	17.
Uranium (Dis)	pCi/L	12054.6[b]
Vanadium (Dis)[c]	mg/L	<0.050
Zinc (Dis)	mg/L	0.14

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-26C (Lysimeter)

Chemical Name	Unit	MMZ-216 1986/10/20
Arsenic (Dis)	mg/L	0.057[b]
Calcium (Dis)[c]	mg/L	365.
Magnesium (Dis)[c]	mg/L	124.
Molybdenum (Dis)	mg/L	23.[b]
Potassium (Dis)[c]	mg/L	38.
Selenium (Dis)	mg/L	0.30[b]
Sodium (Dis)[c]	mg/L	2465.
Uranium (Dis)	pCi/L	39.96[b]
Vanadium (Dis)[c]	mg/L	11.

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-29 (Lysimeter)

Chemical Name	Unit	MMH-119 1984/03/19	MMH-284 1984/05/21	MMH-736 1984/10/29	MMW-909 1985/10/14	MMZ-168 1986/10/20
Alkalinity[c]	mg/L	1147	1940	1212	1255	---
Aluminum (Dis)	mg/L	0.25[b]	---	---	---	---
Arsenic (Dis)	mg/L	0.094[b]	0.296[b]	0.062[b]	0.29[b]	0.056[b]
Barium (Dis)	mg/L	<0.10	<0.10	<0.1	<.1	---
Calcium (Dis)[c]	mg/L	298	340	331	310	331.
Chloride	mg/L	1100[b]	1000[b]	1100[b]	1090[b]	---
Eh (Ref. to Calomel[c]	mv	210	190	---	190	---
Iron (Dis)	mg/L	<0.1	<.1	<0.10	<.03	---
Magnesium (Dis)[c]	mg/L	55.8	64	80.5	68.2	89.
Manganese (Dis)	mg/L	4.1[b]	3.0[b]	6.39[b]	4.30[b]	---
Molybdenum (Dis)	mg/L	12.2[b]	9.64[b]	1.77[b]	14.1[b]	13.[b]
pH		7.7	7.5	---	7.7	---
Phosphate[c]	mg/L	---	---	---	2.5	---
Potassium (Dis)[c]	mg/L	22.0	22.5	23.1	20	25.
Selenium (Dis)	mg/L	0.013[b]	<0.01	0.018[b]	0.012[b]	0.013[b]
Silicon[c]	mg/L	30.90	41.2	36.1	35.5	---
Sodium (Dis)[c]	mg/L	3960	3529	3710	3517	3725.
Sp. Cond.[c]	µmhos/cm	13000	12800	9520	15290	---
Sulfate	mg/L	5800[b]	6300[b]	6600[b]	6460[b]	---
Temperature[c]	deg C	10	11	7	10	---
Uranium (Dis)	pCi/L	7992[b]	8658[b]	8658[b]	8724.6[b]	10389.6[b]
Vanadium (Dis)[c]	mg/L	0.79	1.58	2.14	3.02	3.9
Zinc (Dis)	mg/L	0.2	0.66	0.32	.082	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30A

Chemical Name	Unit	MMH-257 1984/05/21	MMH-387 1984/07/23	MMH-656 1984/09/24	MMW-476 1985/10/14	MMY-611 1986/06/02	MMZ-170 1986/10/20
Alkalinity[c]	mg/L	341	315	343	311	340.	348.
Arsenic (Dis)	mg/L	0.027	0.03	.031	0.025	0.030	0.029
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	152	151	154	150	164.	164.
Chloride	mg/L	78	51	46	45.0	49.9	42.8
Depth To Water[c]	feet	17.19	20.33	21.77	21.1250	---	21.50
Eh (Ref. to Calomel[c]	mv	200	175	35	90	40.	120.
Iron (Dis)	mg/L	0.1	<.5	<0.5	.09	0.32[b]	---
Magnesium (Dis)[c]	mg/L	26	24	24.7	26.2	28.	27.
Manganese (Dis)	mg/L	1.7[b]	1.8[b]	1.9[b]	2.27[b]	2.3[b]	---
Molybdenum (Dis)	mg/L	0.082	0.09	0.06	.05	0.084	0.103[b]
Oxygen[c]	mg/L	1.2	1.4	0.8	---	---	---
pH		7.0	7.1	7.1	7.0	7.1	7.1
Phosphate[c]	mg/L	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	11.3	10	11.4	9	11.	11.
Selenium (Dis)	mg/L	0.011[b]	0.01	0.01	0.013[b]	0.010	0.012[b]
Silicon[c]	mg/L	8.4	7	8	7.6	8.4	---
Sodium (Dis)[c]	mg/L	136	132	120	97.3	138.	109.
Sp. Cond.[c]	µmhos/cm	1364	1344	1152	1350	1407.	1000.
Sulfate	mg/L	390	343	350	351	384.	406.
Temperature[c]	deg C	13	15	11	11	11.	13.5
Uranium (Dis)	pCi/L	193.14[b]	181.818[b]	133.2[b]	133.2[b]	133.2[b]	133.2[b]
Vanadium (Dis)[c]	mg/L	1.01	0.86	0.78	.75	0.87	0.603
Zinc (Dis)	mg/L	0.06	0.17	0.09	<.005	<0.010	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	<.001	<.001
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	<1.	<1
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	<.001	<.001
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	<1.	<1
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	<.001	<.001
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	<10	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	<1
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	<10	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	<.001	<.001
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	<1.	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	<.001	<.001
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	<10	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	<10	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	<0.20	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	<0.20	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	<50	---
2,4,6-Trichlorophen[c]	g/L	---	---	---	---	---	---	<10	---
2,4-D[c]	µg/L	---	---	---	---	---	---	<0.25	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	<0.25	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	<10	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	<10	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	<50	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	<10	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	<10	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	<2.	<2
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	<10	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	<10	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	<2.	<2
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	<10	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	<10	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	<50	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	<10	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	<20	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	<50	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
1,1,1-Trichloroetha	mg/L	---
1,1,2,2-Tetrachloro[c]	µg/L	---
1,1,2-Trichloroetha	mg/L	---
1,1-Dichloroethane[c]	µg/L	---
1,1-Dichloroethene	mg/L	---
1,2,4-Trichlorobenz[c]	µg/L	---
1,2-dichloro-(Z)-Et[c]	µg/L	---
1,2-Dichlorobenzene[c]	µg/L	---
1,2-Dichloroethane	mg/L	---
1,2-Dichloroethene[c]	µg/L	---
1,2-Dichloropropane	mg/L	---
1,3-Dichlorobenzene[c]	µg/L	---
1,4-Dichlorobenzene[c]	µg/L	---
2,4,5-T[c]	µg/L	---
2,4,5-TP (Silvex)	µg/L	---
2,4,5-Trichlorophen[c]	µg/L	---
2,4,6-Trichlorophen[c]	µg/L	---
2,4-D[c]	µg/L	---
2,4-DB[c]	µg/L	---
2,4-Dichlorophenol[c]	µg/L	---
2,4-Dimethylphenol[c]	µg/L	---
2,4-Dinitrophenol[c]	µg/L	---
2,4-Dinitrotoluene[c]	µg/L	---
2,6-Dinitrotoluene[c]	µg/L	---
2-Butanone[c]	µg/L	---
2-Chloronaphthalene[c]	µg/L	---
2-Chlorophenol[c]	µg/L	---
2-Hexanone[c]	µg/L	---
2-Methylnaphthalene[c]	µg/L	---
2-Methylphenol[c]	µg/L	---
2-Nitroaniline[c]	µg/L	---
2-Nitrophenol[c]	µg/L	---
3,3'-Dichlorobenzid[c]	µg/L	---
3-Nitroaniline[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	405	431	429	434	471.	453.	462.	448.
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.131[b]	0.14[b]	.14[b]	0.19[b]	0.15[b]	0.17[b]	0.140[b]	0.174[b]
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<.1	<0.10	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	<0.10	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	<0.10	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	<0.10	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	<50	---
4-Bromophenyl-phenyc[c]	µg/L	---	---	---	---	---	---	<10	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	<10	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	<10	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	<10	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	<2.	<2
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	<10	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	<50	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	<50	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	<10	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	<10	---
Acetone[c]	µg/L	---	---	---	---	---	---	<2.	<2
Aldrin[c]	µg/L	---	---	---	---	---	---	<0.05	---
Alkalinity[c]	mg/L	435	431	364	410	418	433	382	375
alpha-BHC[c]	µg/L	---	---	---	---	---	---	<0.05	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	<0.50	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	2.25	---
Anthracene[c]	µg/L	---	---	---	---	---	---	<10	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	<0.50	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	<0.50	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	<0.50	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	<0.50	---
Aroclor-1248[c]	g/L	---	---	---	---	---	---	<0.50	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	<0.50	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	<0.50	---
Arsenic (Dis)	mg/L	0.112[b]	0.19[b]	0.14[b]	0.035	0.10[b]	0.14[b]	0.113[b]	.127[b]
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	<.001	<.001
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	<10	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	<10	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "-" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
4,4'-DDD[c]	µg/L	---
4,4'-DDE[c]	µg/L	---
4,4'-DDT[c]	µg/L	---
4,6-Dinitro-2-Methy[c]	µg/L	---
4-Bromophenyl-pheny[c]	µg/L	---
4-Chloro-3-methylph[c]	µg/L	---
4-Chloroaniline[c]	µg/L	---
4-Chlorophenylpheny[c]	µg/L	---
4-Methyl-2-Pentanon[c]	µg/L	---
4-Methylphenol[c]	µg/L	---
4-Nitroaniline[c]	µg/L	---
4-Nitrophenol[c]	µg/L	---
Acenaphthene[c]	µg/L	---
Acenaphthylene[c]	µg/L	---
Acetone[c]	µg/L	---
Aldrin[c]	µg/L	---
Alkalinity[c]	mg/L	419
alpha-BHC[c]	µg/L	---
alpha-Chlordane[c]	µg/L	---
Ammonia as Nitrogen[c]	mg/L	---
Anthracene[c]	µg/L	---
Aroclor-1016[c]	µg/L	---
Aroclor-1221[c]	µg/L	---
Aroclor-1232[c]	µg/L	---
Aroclor-1242[c]	µg/L	---
Aroclor-1248[c]	µg/L	---
Aroclor-1254[c]	µg/L	---
Aroclor-1260[c]	µg/L	---
Arsenic (Dis)	mg/L	.095[b]
Barium (Dis)	mg/L	---
Benzene	mg/L	---
Benzo(a)anthracene[c]	µg/L	---
Benzo(a)pyrene[c]	µg/L	---
Benzo(b)fluoranthen[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	104	105	116	105	116.	114.	134.	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	120	127	130	124	107.	118.	82.6	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	18.64	16.73	18.08	17.54	---	17.88	---	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	<10	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	<10	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	<50	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	<10	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	<0.05	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	<10	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	<10	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	<10	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	<10	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	<.001	<.001
Bromoform	mg/L	---	---	---	---	---	---	<.001	<.001
Bromomethane[c]	µg/L	---	---	---	---	---	---	<2.	<2
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	<10	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	<1.	<1
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	<.001	<.001
Chloride	mg/L	---	---	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	<1.	<1
Chloroethane[c]	µg/L	---	---	---	---	---	---	<2.	<2
Chloroform	mg/L	---	---	---	---	---	---	<.001	<.001
Chloromethane[c]	µg/L	---	---	---	---	---	---	<2.	<2
Chrysene[c]	µg/L	---	---	---	---	---	---	<10	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	<1.	<1
Dalapon[c]	µg/L	---	---	---	---	---	---	<5.0	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	<0.05	---
Depth To Water[c]	feet	16.0	17.4	16.59	18.72	17.43	19.05	17.22	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	<10	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	<10	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	<10	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	<10	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	<.001	<.001
Dicamba[c]	µg/L	---	---	---	---	---	---	<0.25	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	<0.10	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	<10	---

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Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
Benzo(g,h,i)perylen[c]	µg/L	---
Benzo(k)fluoranthen[c]	µg/L	---
Benzoic Acid[c]	µg/L	---
Benzyl Alcohol[c]	µg/L	---
beta-BHC[c]	µg/L	---
bis(2-Chloroethoxy)[c]	µg/L	---
bis(2-chloroisoprop[c]	µg/L	---
bis(2-ethylhexyl)Ph[c]	µg/L	---
bis-(2-Chloroethyl)[c]	µg/L	---
Bromodichloromethan	mg/L	---
Bromoform	mg/L	---
Bromomethane[c]	µg/L	---
Butylbenzylphthalat[c]	µg/L	---
Calcium (Dis)[c]	mg/L	---
Carbon Disulfide[c]	µg/L	---
Carbon Tetrachlorid	mg/L	---
Chloride	mg/L	---
Chlorobenzene[c]	µg/L	---
Chloroethane[c]	µg/L	---
Chloroform	mg/L	---
Chloromethane[c]	µg/L	---
Chrysene[c]	µg/L	---
cis-1,3-Dichloropro[c]	µg/L	---
Dalapon[c]	µg/L	---
delta-BHC[c]	µg/L	---
Depth To Water[c]	feet	15.76
di-n-Butylphthalate[c]	µg/L	---
di-n-Octylphthalate[c]	µg/L	---
Dibenzo(a,h)anthrac[c]	µg/L	---
Dibenzofuran[c]	µg/L	---
Dibromochloromethan	mg/L	---
Dicamba[c]	µg/L	---
Dieldrin[c]	µg/L	---
Diethylphthalate[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	190	220	145	140	150.	130.	140.	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	---	454.[b]
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<.1	<.5	<0.5	<.03	0.21	---	0.14	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	23	24	27.6	27.4	28.	27.	28.8	---
Manganese (Dis)	mg/L	2.0[b]	2.5[b]	1.5[b]	2.61[b]	2.8[b]	---	3.20[b]	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	0.402[b]	0.50[b]	0.52[b]	.48[b]	0.48[b]	0.457[b]	0.33[b]	0.41[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	<10	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	<0.10	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	<0.05	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	<0.10	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	<0.10	---
Endrin	mg/L	---	---	---	---	---	---	<.0001	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	<0.10	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	<0.10	---
Ethylbenzene	mg/L	---	---	---	---	---	---	<.001	<.001
Fluoranthene[c]	µg/L	---	---	---	---	---	---	<10	---
Fluorene[c]	µg/L	---	---	---	---	---	---	<10	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	<.00005	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	<0.50	---
Gross Alpha	pCi/L	319[b]	354[b]	506[b]	637[b]	658[b]	575[b]	409[b]	500[b]
Gross Beta	mrem/yr	8.954[b]	9.472[b]	15.392[b]	19.98[b]	11.47[b]	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	<0.05	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	<0.05	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	<10	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	<10	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	<10	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	<10	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	<10	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	<10	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	<250	---
MCPP[c]	µg/L	---	---	---	---	---	---	<200	---
Methoxychlor	mg/L	---	---	---	---	---	---	<.00005	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	<1.	<1
Molybdenum (Dis)	mg/L	0.351[b]	0.36[b]	0.36[b]	0.359[b]	0.33[b]	0.293[b]	0.228[b]	.272[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	<10	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
Dimethylphthalate[c]	µg/L	---
Dinoseb[c]	µg/L	---
Eh (Ref. to Calomel[c]	mv	---
Endosulfan I[c]	µg/L	---
Endosulfan II[c]	µg/L	---
Endosulfan Sulfate[c]	µg/L	---
Endrin	mg/L	---
Endrin aldehyde[c]	µg/L	---
Endrin Ketone[c]	µg/L	---
Ethylbenzene	mg/L	---
Fluoranthene[c]	µg/L	---
Fluorene[c]	µg/L	---
gamma-BHC (Lindane)	mg/L	---
gamma-Chlordane[c]	µg/L	---
Gross Alpha	pCi/L	440[b]
Gross Beta	mrem/yr	---
Heptachlor[c]	µg/L	---
Heptachlor Epoxide[c]	µg/L	---
Hexachlorobenzene[c]	µg/L	---
Hexachlorobutadiene[c]	µg/L	---
Hexachlorocyclopent[c]	µg/L	---
Hexachloroethane[c]	g/L	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---
Iron (Dis)	mg/L	---
Isophorone[c]	µg/L	---
Magnesium (Dis)[c]	mg/L	---
Manganese (Dis)	mg/L	---
MCPA[c]	µg/L	---
MCPP[c]	µg/L	---
Methoxychlor	mg/L	---
Methylene Chloride[c]	µg/L	---
Molybdenum (Dis)	mg/L	.184[b]
n-Nitroso-di-n-prop[c]	µg/L	---
n-Nitrosodiphenylam[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	1.2	1.5	0.5	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.3	7.1	7.3	7.2	7.35	7.15	7.2	7.0
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	0.5	---	---	---	---
Potassium (Dis)[c]	mg/L	41.2	40	43.5	35	40.	44.	40.2	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	---	---	---	---	0.3
Radium-228	pCi/L	---	---	---	---	---	---	---	<1.
Selenium (Dis)	mg/L	0.053[b]	0.07[b]	0.12[b]	0.16[b]	0.080[b]	0.067[b]	0.055[b]	0.110[b]
Silicon[c]	mg/L	8.9	7	8	8.4	10.	---	---	---
Sodium (Dis)[c]	mg/L	291	295	348	336	370.	302.	300.	---
Sp. Cond.[c]	µmhos/cm	1829	1885	1832	2120	1656.	1500.	1911.	2100.
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	470	529[b]	530[b]	534[b]	588.[b]	524.[b]	554.[b]	---
Temperature[c]	deg C	13	13	10.5	11	10.	13.	11.	10.
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	399.6[b]	466.2[b]	532.8[b]	466.2[b]	399.6[b]	333[b]	454.878[b]	407.592[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	4.14	4.03	3.87	4.70	4.3	4.3	3.70	4.22
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	<10	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	<10	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	<1.	<1
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	<50	---
pH		7.21	7.2	7.05	7.06	6.98	7.34	7.00	7.18
Phenanthrene[c]	µg/L	---	---	---	---	---	---	<10	---
Phenol[c]	µg/L	---	---	---	---	---	---	<10	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	<10	---
Radium-226	pCi/L	0.4	0.5	0.5	0.6	0.4	0.4	0.4	.3
Radium-228	pCi/L	<0.7	<1.4	<1.0	<2.0	<1	<3	<2	<3
Selenium (Dis)	mg/L	0.073[b]	0.062[b]	0.043[b]	0.089[b]	0.040[b]	0.035[b]	0.038[b]	.019[b]
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2059	2120	2300	2030	2590	2240	2270	2070
Styrene	mg/L	---	---	---	---	---	---	<.001	<.001
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	deg C	10.4	10.4	10.1	11.6	10.7	11.5	9.7	10
Tetrachloroethene	mg/L	---	---	---	---	---	---	<.001	<.001
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	<3.6
Toluene	mg/L	---	---	---	---	---	---	<.001	<.001
Toxaphene	mg/L	---	---	---	---	---	---	<.001	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	<.001
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	<1.	<1
Trichloroethene	mg/L	---	---	---	---	---	---	<.001	<.001
Uranium (Dis)	pCi/L	407.592[b]	392.94[b]	392.94[b]	443.556[b]	486.18[b]	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	236[b]	227[b]	226[b]
Uranium-238	pCi/L	---	---	---	---	---	250[b]	241[b]	252[b]
Vanadium (Dis)[c]	mg/L	4.29	4.1	4.0	4.29	0.37	3.54	3.00	3.63
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	<2.	<2
Vinyl Chloride	mg/L	---	---	---	---	---	---	<.002	<.002
Xylene	mg/L	---	---	---	---	---	---	<.001	<.001

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
Naphthalene (ACN) ([c]	µg/L	---
Nitrobenzene[c]	µg/L	---
o-Xylene[c]	µg/L	---
Oxygen[c]	mg/L	---
Pentachlorophenol[c]	µg/L	---
pH		6.96
Phenanthrene[c]	µg/L	---
Phenol[c]	µg/L	---
Phosphate[c]	mg/L	---
Potassium (Dis)[c]	mg/L	---
Pyrene[c]	µg/L	---
Radium-226	pCi/L	0.4
Radium-228	pCi/L	<1
Selenium (Dis)	mg/L	.033[b]
Silicon[c]	mg/L	---
Sodium (Dis)[c]	mg/L	---
Sp. Cond.[c]	µmhos/cm	1991
Styrene	mg/L	---
Sulfate	mg/L	---
Temperature[c]	deg C	10.6
Tetrachloroethene	mg/L	---
Thorium-230[c]	pCi/L	0.3
Toluene	mg/L	---
Toxaphene	mg/L	---
trans-1,2-Dichloroe	mg/L	---
trans-1,3-Dichlorop[c]	µg/L	---
Trichloroethene	mg/L	---
Uranium (Dis)	pCi/L	---
Uranium-234	pCi/L	248.7[b]
Uranium-238	pCi/L	250.4[b]
Vanadium (Dis)[c]	mg/L	2.98
Vinyl Acetate[c]	µg/L	---
Vinyl Chloride	mg/L	---
Xylene	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMH-258 1984/05/21	MMH-388 1984/07/23	MMH-657 1984/09/24	MMW-475 1985/10/14	MMY-612 1986/06/02	MMZ-171 1986/10/20	MMZ-640 1987/05/18	MMZ-555 1987/10/13
Zinc (Dis)	mg/L	0.06	0.14	0.09	<.005	<0.010	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MMX-730 1988/04/14	MMX-980 1988/10/17	MCL-255 1989/05/09	MLZ-613 1989/10/18	MLY-003 1990/04/11	MLY-153 1990/10/17	MLY-396 1991/06/24	MLY-523 1991/10/20
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30B

Chemical Name	Unit	MLY-742 1992/04/15
Zinc (Dis)	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Jnit	MMW-675 1985/04/09	MMW-474 1985/10/14	MMY-613 1986/06/02	MMZ-169 1986/10/20	MLY-397 1991/06/24	MLY-513 1991/10/20
1,1,1-Trichloroetha	mg/L	---	---	---	---	<.001	<.001
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	<1.	<1
1,1,2-Trichloroetha	mg/L	---	---	---	---	<.001	<.001
1,1-Dichloroethane[c]	µg/L	---	---	---	---	<1.	<1
1,1-Dichloroethene	mg/L	---	---	---	---	<.001	<.001
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	<10	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	<1
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	<10	---
1,2-Dichloroethane	mg/L	---	---	---	---	<.001	<.001
1,2-Dichloroethene[c]	µg/L	---	---	---	---	<1.	---
1,2-Dichloropropane	mg/L	---	---	---	---	<.001	<.001
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	<10	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	<10	---
2,4,5-T[c]	µg/L	---	---	---	---	<0.20	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	<0.20	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	<50	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	<10	---
2,4-D[c]	µg/L	---	---	---	---	<0.25	---
2,4-DB[c]	µg/L	---	---	---	---	<0.25	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	<10	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	<10	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	<50	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	<10	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	<10	---
2-Butanone[c]	µg/L	---	---	---	---	<2.	<2
2-Chloronaphthalene[c]	µg/L	---	---	---	---	<10	---
2-Chlorophenol[c]	µg/L	---	---	---	---	<10	---
2-Hexanone[c]	µg/L	---	---	---	---	<2.	<2
2-Methylnaphthalene[c]	µg/L	---	---	---	---	<10	---
2-Methylphenol[c]	µg/L	---	---	---	---	<10	---
2-Nitroaniline[c]	µg/L	---	---	---	---	<50	---
2-Nitrophenol[c]	µg/L	---	---	---	---	<10	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	<20	---
3-Nitroaniline[c]	µg/L	---	---	---	---	<50	---

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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	---	345	360	360	579	579	379	379
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	1.104[b]	0.104[b]	0.10[b]	0.12[b]	.13[b]	.13[b]	0.20[b]	0.22[b]
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	---
Barium (Dis)	mg/L	0.12	<0.10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "–" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMW-675 1985/04/09	MMW-474 1985/10/14	MMY-613 1986/06/02	MMZ-169 1986/10/20	MLY-397 1991/06/24	MLY-513 1991/10/20
4,4'-DDD[c]	µg/L	---	---	---	---	<0.10	---
4,4'-DDE[c]	µg/L	---	---	---	---	<0.10	---
4,4'-DDT[c]	µg/L	---	---	---	---	<0.10	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	<50	---
4-Bromophenyl-phenyl[c]	µg/L	---	---	---	---	<10	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	<10	---
4-Chloroaniline[c]	µg/L	---	---	---	---	<10	---
4-Chlorophenylphenyl[c]	µg/L	---	---	---	---	<10	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	<2.	<2
4-Methylphenol[c]	µg/L	---	---	---	---	<10	---
4-Nitroaniline[c]	µg/L	---	---	---	---	<50	---
4-Nitrophenol[c]	µg/L	---	---	---	---	<50	---
Acenaphthene[c]	µg/L	---	---	---	---	<10	---
Acenaphthylene[c]	µg/L	---	---	---	---	<10	---
Acetone[c]	µg/L	---	---	---	---	<2.	<2
Aldrin[c]	µg/L	---	---	---	---	<0.05	---
Alkalinity[c]	mg/L	393	373	471.	---	355	117
alpha-BHC[c]	µg/L	---	---	---	---	<0.05	---
alpha-Chlordane[c]	µg/L	---	---	---	---	<0.50	---
Anthracene[c]	µg/L	---	---	---	---	<10	---
Aroclor-1016[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1221[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1232[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1242[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1248[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1254[c]	µg/L	---	---	---	---	<0.50	---
Aroclor-1260[c]	µg/L	---	---	---	---	<0.50	---
Arsenic (Dis)	mg/L	0.10[b]	0.16[b]	0.13[b]	0.11[b]	---	---
Arsenic (Tot)	mg/L	---	---	---	0.11[b]	---	---
Barium (Dis)	mg/L	<.1	<.1	<0.10	---	---	---
Benzene	mg/L	---	---	---	---	<.001	<.001
Benzo(a)anthracene[c]	µg/L	---	---	---	---	<10	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	<10	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	<10	---

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Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	162	150	141	140	123	122	132	126
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	91	86	115	123	110	110	110	721[b]
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	14.44	17.62	17.62	18.92	18.92	19.19	19.19
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMW-675 1985/04/09	MMW-474 1985/10/14	MMY-613 1986/06/02	MMZ-169 1986/10/20	MLY-397 1991/06/24	MLY-513 1991/10/20
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	<10	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	<10	---
Benzoic Acid[c]	µg/L	---	---	---	---	<50	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	<10	---
beta-BHC[c]	µg/L	---	---	---	---	<0.05	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	<10	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	<10	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	<10	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	<10	---
Bromodichloromethan	mg/L	---	---	---	---	<.001	<.001
Bromoform	mg/L	---	---	---	---	<.001	<.001
Bromomethane[c]	µg/L	---	---	---	---	<2.	<2
Butylbenzylphthalat[c]	µg/L	---	---	---	---	<10	---
Cadmium (Dis)	mg/L	<.001	---	---	---	---	---
Calcium (Dis)[c]	mg/L	158	134	151.	160.	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	<1.	<1
Carbon Tetrachlorid	mg/L	---	---	---	---	<.001	<.001
Chloride	mg/L	108	96.5	92.3	88.9	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	<1.	<1
Chloroethane[c]	µg/L	---	---	---	---	<2.	<2
Chloroform	mg/L	---	---	---	---	<.001	<.001
Chloromethane[c]	µg/L	---	---	---	---	<2.	<2
Chromium (Dis)	mg/L	<.01	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	<10	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	<1.	<1
Dalapon[c]	µg/L	---	---	---	---	<5.0	---
delta-BHC[c]	µg/L	---	---	---	---	<0.05	---
Depth To Water[c]	feet	14.5	18.42	---	18.5	17.97	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	<10	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	<10	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	<10	---
Dibenzofuran[c]	µg/L	---	---	---	---	<10	---
Dibromochloromethan	mg/L	---	---	---	---	<.001	<.001
Dicamba[c]	µg/L	---	---	---	---	<0.25	---

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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	---	190	200	200	155	155	140	140
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<.1	<.1	<.5	<.5	<0.5	<0.5	<0.10	<0.10
Iron (Tot)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	---	---	---	---
Lead-210[c]	pCi/L	3	<1.5	---	---	<1.5	<1.5	<1.5	<1.5
Magnesium (Dis)[c]	mg/L	25	24	27	27	28.4	38.3	25.5	25.0
Manganese (Dis)	mg/L	1.5[b]	1.5[b]	1.7[b]	1.7[b]	1.8[b]	1.8[b]	1.70[b]	1.72[b]
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
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82-30C

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Dieldrin[c]	µg/L	---	---	---	---	<0.10	---
Diethylphthalate[c]	µg/L	---	---	---	---	<10	---
Dimethylphthalate[c]	µg/L	---	---	---	---	<10	---
Dinoseb[c]	µg/L	---	---	---	---	<0.10	---
Eh (Ref. to Calomel[c]	mv	---	150	160.	150.	---	---
Endosulfan I[c]	µg/L	---	---	---	---	<0.05	---
Endosulfan II[c]	µg/L	---	---	---	---	<0.10	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	<0.10	---
Endrin	mg/L	---	---	---	---	<.0001	---
Endrin aldehyde[c]	µg/L	---	---	---	---	<0.10	---
Endrin Ketone[c]	µg/L	---	---	---	---	<0.10	---
Ethylbenzene	mg/L	---	---	---	---	<.001	<.001
Fluoranthene[c]	µg/L	---	---	---	---	<10	---
Fluorene[c]	µg/L	---	---	---	---	<10	---
Fluoride	mg/L	0.5	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	<.00005	---
gamma-Chlordane[c]	µg/L	---	---	---	---	<0.50	---
Gross Alpha	pCi/L	90[b]	---	---	---	---	---
Gross Beta	mrem/yr	6.66[b]	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	<0.05	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	<0.05	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	<10	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	<10	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	<10	---
Hexachloroethane[c]	µg/L	---	---	---	---	<10	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	<10	---
Iron (Dis)	mg/L	<.1	<.03	0.031	<0.10	---	---
Iron (Tot)	mg/L	---	---	---	1.18[b]	---	---
Isophorone[c]	µg/L	---	---	---	---	<10	---
Lead (Dis)	mg/L	<.01	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	29.4	27.8	28.	27.	---	---
Manganese (Dis)	mg/L	2.04[b]	1.79[b]	2.1[b]	1.87[b]	---	---
Manganese (Tot)	mg/L	---	---	---	2.07[b]	---	---

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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
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82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	0.319[b]	0.288[b]	0.41[b]	0.42[b]	0.48[b]	0.46[b]	0.50[b]	0.44[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	1.1	2.0	2.0	0.5	0.5	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		---	7.0	7.2	7.2	7.2	7.2	7.6	7.6
pH1 (RCRA)[c]		---	---	---	---	---	---	---	---
pH2 (RCRA)[c]		---	---	---	---	---	---	---	---
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	mg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	20.8	20.8	22	22	25.4	25.3	23.6	22.8
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	<2.0	<2	---	---	<2	<2	<2	<2
Selenium (Dis)	mg/L	0.054[b]	0.055[b]	0.10[b]	0.10[b]	0.14[b]	0.14[b]	0.083[b]	0.073[b]
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	---
Silicon[c]	mg/L	9.7	8.8	8	7	8	8	8.5	8.2
Silver (Dis)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	189	191	295	140	248	254	262	244
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	---	1512	1736	1736	1651	1651	1544	1544
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	410	420	489	504[b]	450	430	450	470

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMW-675 1985/04/09	MMW-474 1985/10/14	MMY-613 1986/06/02	MMZ-169 1986/10/20	MLY-397 1991/06/24	MLY-513 1991/10/20
MCPA[c]	µg/L	---	---	---	---	<250	---
MCPP[c]	µg/L	---	---	---	---	<200	---
Mercury (Dis)	mg/L	<.0002	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	<.00005	---
Methylene Chloride[c]	µg/L	---	---	---	---	<1.	<1
Molybdenum (Dis)	mg/L	.34[b]	.35[b]	0.37[b]	.322[b]	---	---
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	<10	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	<10	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	<10	---
Nitrobenzene[c]	µg/L	---	---	---	---	<10	---
o-Xylene[c]	µg/L	---	---	---	---	<1.	<1
Oxygen[c]	mg/L	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	<50	---
pH		6.7	7.1	7.1	---	6.87	7.06
pH1 (RCRA)[c]		---	---	---	8.16	---	---
pH2 (RCRA)[c]		---	---	---	8.20	---	---
Phenanthrene[c]	µg/L	---	---	---	---	<10	---
Phenol[c]	µg/L	---	---	---	---	<10	---
Phenol[c]	mg/L	---	---	---	<0.005	---	---
Phosphate[c]	mg/L	---	<0.1	---	---	---	---
Potassium (Dis)[c]	mg/L	24.3	19	22.	21.	---	---
Pyrene[c]	µg/L	---	---	---	---	<10	---
Radium-226	pCi/L	<1	<1.0	.7	0.7	---	---
Selenium (Dis)	mg/L	0.070[b]	0.15[b]	0.087[b]	0.071[b]	---	---
Selenium (Tot)	mg/L	---	---	---	0.084[b]	---	---
Silicon[c]	mg/L	8.0	8.0	11.	---	---	---
Silver (Dis)	mg/L	<.01	---	---	---	---	---
Sodium (Dis)[c]	mg/L	224	231	224.	214.	---	---
Sodium (Tot)[c]	mg/L	---	---	---	217.	---	---
Sp. Cond.[c]	µmhos/cm	1632	1716	1701.	---	1807	1722
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	1200.	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	1200.	---	---
Styrene	mg/L	---	---	---	---	<.001	<.001
Sulfate	mg/L	493	447	446.	454.	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMH-249 1984/05/21	MMH-259 1984/05/21	MMH-375 1984/07/23	MMH-389 1984/07/24	MMH-655 1984/09/24	MMH-653 1984/09/25	MMH-731 1984/10/29	MMH-718 1984/10/30
Temperature[c]	deg C	---	12	13	13	11	11	12	12
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	<1	<1	---	---	<1	<1	<1	<1
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	246.42[b]	233.1[b]	333[b]	354.978[b]	266.4[b]	199.8[b]	199.8[b]	266.4[b]
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	3.71	3.28	3.74	3.97	4.21	4.11	0.44	4.37
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.08	0.09	<0.05	0.15	0.10	0.08	0.25	0.28

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-30C

Chemical Name	Unit	MMW-675 1985/04/09	MMW-474 1985/10/14	MMY-613 1986/06/02	MMZ-169 1986/10/20	MLY-397 1991/06/24	MLY-513 1991/10/20
Temperature[c]	deg C	10.5	12	13.5	---	10.5	10.8
Tetrachloroethene	mg/L	---	---	---	---	<.001	<.001
Thorium-230[c]	pCi/L	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	4.7	---	---	4.4	---	---
TOCarbon RCRA (2)[c]	mg/L	4.2	---	---	4.7	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	5.9	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	4.4	---	---
Toluene	mg/L	---	---	---	---	<.001	<.001
TOX RCRA (1)[c]	µg/L	22	---	---	7.	---	---
TOX RCRA (2)[c]	µg/L	25	---	---	9.	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	8.	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	11.	---	---
Toxaphene	mg/L	---	---	---	---	<.001	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	<.001
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	<1.	<1
Trichloroethene	mg/L	---	---	---	---	<.001	<.001
Uranium (Dis)	pCi/L	266.4[b]	266.4[b]	266.4[b]	199.8[b]	---	---
Uranium (Tot)	pCi/L	---	---	---	199.8[b]	---	---
Vanadium (Dis)[c]	mg/L	3.60	4.70	3.8	4.25	---	---
Vinyl Acetate[c]	µg/L	---	---	---	---	<2.	<2
Vinyl Chloride	mg/L	---	---	---	---	<.002	<.002
Xylene	mg/L	---	---	---	---	<.001	<.001
Zinc (Dis)	mg/L	<.05	<.005	<0.010	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	<.001	<.001	<.001
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	<.001	<.001	<.001
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
1,1-Dichloroethene	mg/L	---	---	---	---	---	<.001	<.001	<.001
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	<10	<10	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	<1
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	<10	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	<.001	<.001	<.001
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	<1.	<1.	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	<.001	<.001	<.001
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	<10	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	<10	---
2,4,5-T[c]	µg/L	---	---	---	---	---	<0.20	<0.20	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	<0.20	<0.20	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	<50	<50	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	<10	<10	---
2,4-D[c]	µg/L	---	---	---	---	---	<0.25	<0.25	---
2,4-DB[c]	µg/L	---	---	---	---	---	<0.25	<0.25	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	<10	<10	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	<10	<10	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	<50	<50	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	<10	<10	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	<10	<10	---
2-Butanone[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	<10	<10	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	<10	<10	---
2-Hexanone[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	<10	<10	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	<10	<10	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	<50	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	<10	<10	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	<20	<20	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	<50	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-318-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
1,1,1-Trichloroetha	mg/L	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	<1	---
1,1,2-Trichloroetha	mg/L	<.001	---
1,1-Dichloroethane[c]	µg/L	<1	---
1,1-Dichloroethene	mg/L	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	<1	---
1,2-Dichlorobenzene[c]	µg/L	---	---
1,2-Dichloroethane	mg/L	<.001	---
1,2-Dichloroethene[c]	µg/L	---	---
1,2-Dichloropropane	mg/L	<.001	---
1,3-Dichlorobenzene[c]	µg/L	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---
2,4,5-T[c]	µg/L	---	---
2,4,5-TP (Silvex)	µg/L	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---
2,4-D[c]	µg/L	---	---
2,4-DB[c]	µg/L	---	---
2,4-Dichlorophenol[c]	µg/L	---	---
2,4-Dimethylphenol[c]	µg/L	---	---
2,4-Dinitrophenol[c]	µg/L	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---
2-Butanone[c]	µg/L	<2	---
2-Chloronaphthalene[c]	µg/L	---	---
2-Chlorophenol[c]	µg/L	---	---
2-Hexanone[c]	µg/L	<2	---
2-Methylnaphthalene[c]	µg/L	---	---
2-Methylphenol[c]	µg/L	---	---
2-Nitroaniline[c]	µg/L	---	---
2-Nitrophenol[c]	µg/L	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---
3-Nitroaniline[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	356	438	374	371.	245.	412.	355.	340
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.010	0.005	<0.005	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<.1	<0.10	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
4,4'-DDD[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	<50	<50	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	<10	<10	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	<10	<10	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	<10	<10	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	<10	<10	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
4-Methylphenol[c]	µg/L	---	---	---	---	---	<10	<10	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	<50	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	<50	<50	---
Acenaphthene[c]	µg/L	---	---	---	---	---	<10	<10	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	<10	<10	---
Acetone[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
Aldrin[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
Alkalinity[c]	mg/L	440	381	426	384	395	---	338	173
alpha-BHC[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	0.27	.28	---
Anthracene[c]	µg/L	---	---	---	---	---	<10	<10	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Arsenic (Dis)	mg/L	<0.005	<0.010	<0.01	<0.010	<0.010	<0.01	<.01	<.003
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	<10	<10	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	<10	<10	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	<10	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
4,4'-DDD[c]	µg/L	---	---
4,4'-DDE[c]	µg/L	---	---
4,4'-DDT[c]	µg/L	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---
4-Chloro-3-methylph[c]	µg/L	---	---
4-Chloroaniline[c]	µg/L	---	---
4-Chlorophenylpheny[c]	µg/L	---	---
4-Methyl-2-Pentanon[c]	µg/L	<2	---
4-Methylphenol[c]	µg/L	---	---
4-Nitroaniline[c]	µg/L	---	---
4-Nitrophenol[c]	µg/L	---	---
Acenaphthene[c]	µg/L	---	---
Acenaphthylene[c]	µg/L	---	---
Acetone[c]	µg/L	<2	---
Aldrin[c]	µg/L	---	---
Alkalinity[c]	mg/L	---	348
alpha-BHC[c]	µg/L	---	---
alpha-Chlordane[c]	µg/L	---	---
Ammonia as Nitrogen[c]	mg/L	---	---
Anthracene[c]	µg/L	---	---
Aroclor-1016[c]	µg/L	---	---
Aroclor-1221[c]	µg/L	---	---
Aroclor-1232[c]	µg/L	---	---
Aroclor-1242[c]	µg/L	---	---
Aroclor-1248[c]	µg/L	---	---
Aroclor-1254[c]	µg/L	---	---
Aroclor-1260[c]	µg/L	---	---
Arsenic (Dis)	mg/L	<.003	<.002
Barium (Dis)	mg/L	---	---
Benzene	mg/L	<.001	---
Benzo(a)anthracene[c]	µg/L	---	---
Benzo(a)pyrene[c]	µg/L	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	478	582	591	520.	594.	417.	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	23	48	34.2	40.2	40.8	33.4	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	6.23	5.81	5.56	---	5.17	---	---	5.45
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	<10	<10	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	<10	<10	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	<50	<50	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	<10	<10	---
beta-BHC[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	<10	<10	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	<10	<10	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	<10	<10	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	<10	<10	---
Bromodichloromethan	mg/L	---	---	---	---	---	<.001	<.001	<.001
Bromoform	mg/L	---	---	---	---	---	<.001	<.001	<.001
Bromomethane[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	<10	<10	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
Carbon Tetrachlorid	mg/L	---	---	---	---	---	<.001	<.001	<.001
Chloride	mg/L	---	---	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
Chloroethane[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
Chloroform	g/L	---	---	---	---	---	<.001	<.001	<.001
Chloromethane[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
Chrysene[c]	µg/L	---	---	---	---	---	<10	<10	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
Dalapon[c]	µg/L	---	---	---	---	---	<5.0	<5.0	---
delta-BHC[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
Depth To Water[c]	feet	4.23	4.57	4.52	5.47	4.46	---	5.22	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	<10	<10	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	<10	<10	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	<10	<10	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	<10	<10	---
Dibromochloromethan	mg/L	---	---	---	---	---	<.001	<.001	<.001
Dicamba[c]	µg/L	---	---	---	---	---	<0.25	<0.25	---
Dieldrin[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	<10	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
Benzo(g,h,i)perylen[c]	µg/L	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---
Benzoic Acid[c]	µg/L	---	---
Benzyl Alcohol[c]	µg/L	---	---
beta-BHC[c]	µg/L	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---
bis(2-chloroisoprop[c]	µg/L	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---
Bromodichloromethan	mg/L	<.001	---
Bromoform	mg/L	<.001	---
Bromomethane[c]	µg/L	<2	---
Butylbenzylphthalat[c]	µg/L	---	---
Calcium (Dis)[c]	mg/L	---	---
Carbon Disulfide[c]	µg/L	<1	---
Carbon Tetrachlorid	mg/L	<.001	---
Chloride	mg/L	---	---
Chlorobenzene[c]	µg/L	<1	---
Chloroethane[c]	µg/L	<2	---
Chloroform	mg/L	<.001	---
Chloromethane[c]	µg/L	<2	---
Chrysene[c]	µg/L	---	---
cis-1,3-Dichloropro[c]	µg/L	<1	---
Dalapon[c]	µg/L	---	---
delta-BHC[c]	µg/L	---	---
Depth To Water[c]	feet	---	4.66
di-n-Butylphthalate[c]	µg/L	---	---
di-n-Octylphthalate[c]	µg/L	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---
Dibenzofuran[c]	µg/L	---	---
Dibromochloromethan	mg/L	<.001	---
Dicamba[c]	µg/L	---	---
Dieldrin[c]	µg/L	---	---
Diethylphthalate[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	200	20	150	20.	40.	70.	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	38.2[b]	<49
Gross Beta	mrem/yr	---	---	---	---	---	---	---	<5.698
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<.1	<.5	<.03	<0.030	---	<0.10	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	77	126	111	89.	121.	67.9	---	---
Manganese (Dis)	mg/L	<.1	<.5	.06[b]	0.012	---	<0.025	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<.01	<0.050	<0.050	<0.050	<0.05	<0.05
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
Dimethylphthalate[c]	µg/L	---	---	---	---	---	<10	<10	---
Dinoseb[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
Endosulfan II[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Endrin	mg/L	---	---	---	---	---	<.0001	<.0001	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	<0.10	<0.10	---
Ethylbenzene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Fluoranthene[c]	µg/L	---	---	---	---	---	<10	<10	---
Fluorene[c]	µg/L	---	---	---	---	---	<10	<10	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	<.00005	<.00005	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	<0.50	<0.50	---
Gross Alpha	pCi/L	39[b]	<99	<66	<65	<102	<74	<78	<80
Gross Beta	mrem/yr	<2.886	<9.324	<3.182	<4.144	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	<0.05	<0.05	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	<10	<10	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	<10	<10	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	<10	<10	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	<10	<10	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	<10	<10	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	<10	<10	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	<250	<250	---
MCPP[c]	µg/L	---	---	---	---	---	<200	<200	---
Methoxychlor	mg/L	---	---	---	---	---	<.00005	<.00005	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
Molybdenum (Dis)	mg/L	<0.050	<0.010	<0.01	<0.010	<0.01	<0.010	<.01	<.018
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	<10	<10	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	<10	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
Dimethylphthalate[c]	µg/L	---	---
Dinoseb[c]	µg/L	---	---
Eh (Ref. to Calomel[c]	mv	---	---
Endosulfan I[c]	µg/L	---	---
Endosulfan II[c]	µg/L	---	---
Endosulfan Sulfate[c]	µg/L	---	---
Endrin	mg/L	---	---
Endrin aldehyde[c]	µg/L	---	---
Endrin Ketone[c]	µg/L	---	---
Ethylbenzene	mg/L	<.001	---
Fluoranthene[c]	µg/L	---	---
Fluorene[c]	µg/L	---	---
gamma-BHC (Lindane)	mg/L	---	---
gamma-Chlordane[c]	µg/L	---	---
Gross Alpha	pCi/L	<80	<90
Gross Beta	mrem/yr	---	---
Heptachlor[c]	µg/L	---	---
Heptachlor Epoxide[c]	µg/L	---	---
Hexachlorobenzene[c]	µg/L	---	---
Hexachlorobutadiene[c]	µg/L	---	---
Hexachlorocyclopent[c]	µg/L	---	---
Hexachloroethane[c]	µg/L	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---
Iron (Dis)	mg/L	---	---
Isophorone[c]	µg/L	---	---
Magnesium (Dis)[c]	mg/L	---	---
Manganese (Dis)	mg/L	---	---
MCPA[c]	µg/L	---	---
MCPP[c]	µg/L	---	---
Methoxychlor	mg/L	---	---
Methylene Chloride[c]	µg/L	<1	---
Molybdenum (Dis)	mg/L	<.018	<.021
n-Nitroso-di-n-prop[c]	µg/L	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	1.8	1.8	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		6.8	7.1	6.7	7.0	6.35[b]	7.05	6.95	6.68
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	<0.1	---	---	---	---	---
Potassium (Dis)[c]	mg/L	5.76	8.2	7	6.0	7.7	3.60	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	---	---	---	0.2	0.3
Radium-228	pCi/L	---	---	---	---	---	---	<1.	<1.5
Selenium (Dis)	mg/L	<0.01	<0.01	<0.005	<0.005	<0.005	0.006	<0.005	<0.005
Silicon[c]	µg/L	6.5	6	6.6	9.1	---	---	---	---
Sodium (Dis)[c]	mg/L	110	198	152	122.	158.	90.	---	---
Sp. Cond.[c]	µmhos/cm	2358	2196	3340	2562.	1150.	2075.	2820.	2978
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	1200[b]	1890[b]	1920[b]	1450.[b]	1920.[b]	1010.[b]	---	---
Temperature[c]	deg C	10.5	14	12	13.	12.	10.5	12.5	8.5
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	27.306	23.976	14.652	12.654	15.984	12.654	15.984	14.652
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	.01	<0.050	<0.050	<0.050	<0.05	<0.05
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	<10	<10	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	<10	<10	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	<1
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	<50	<50	---
pH		6.72	6.75	6.37[b]	6.97	6.83	---	6.82	6.72
Phenanthrene[c]	µg/L	---	---	---	---	---	<10	<10	---
Phenol[c]	µg/L	---	---	---	---	---	<10	<10	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	<10	<10	---
Radium-226	pCi/L	0.2	0.5	<0.1	0.2	<1.7	0.5	.2	.2
Radium-228	pCi/L	<1.1	<1.0	<2.0	<1	<2	<2	<2	<3
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.005	<.005	<.02
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	3290	3200	2500	3210	3120	---	3010	3150
Styrene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	deg C	11.8	10.9	11.9	8.9	13.0	---	7.8	12.8
Tetrachloroethene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	<.2
Toluene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Toxaphene	mg/L	---	---	---	---	---	<.001	<.001	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	<.001
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	<1.	<1.	<1
Trichloroethene	mg/L	---	---	---	---	---	<.001	<.001	<.001
Uranium (Dis)	pCi/L	14.652	23.976	19.314	13.986	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	25.1	18.4	16.8	24.4
Uranium-238	pCi/L	---	---	---	---	8.3	6.0	6.2	8
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	<0.050	<0.05	<0.050	<.05	<.01
Vinyl Acetate[c]	µg/L	---	---	---	---	---	<2.	<2.	<2
Vinyl Chloride	mg/L	---	---	---	---	---	<.002	<.002	<.002
Xylene	mg/L	---	---	---	---	---	<.001	<.001	<.001

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
Naphthalene (ACN) ([c]	µg/L	---	---
Nitrobenzene[c]	µg/L	---	---
o-Xylene[c]	µg/L	<1	---
Oxygen[c]	mg/L	---	---
Pentachlorophenol[c]	µg/L	---	---
pH		---	6.77
Phenanthrene[c]	µg/L	---	---
Phenol[c]	µg/L	---	---
Phosphate[c]	mg/L	---	---
Potassium (Dis)[c]	mg/L	---	---
Pyrene[c]	µg/L	---	---
Radium-226	pCi/L	.2	0.2
Radium-228	pCi/L	<2	<2
Selenium (Dis)	mg/L	<.02	<.002
Silicon[c]	mg/L	---	---
Sodium (Dis)[c]	mg/L	---	---
Sp. Cond.[c]	µmhos/cm	---	2610
Styrene	mg/L	<.001	---
Sulfate	mg/L	---	---
Temperature[c]	deg C	---	9.3
Tetrachloroethene	mg/L	<.001	---
Thorium-230[c]	pCi/L	<.3	<0.10
Toluene	mg/L	<.001	---
Toxaphene	mg/L	---	---
trans-1,2-Dichloroe	mg/L	<.001	---
trans-1,3-Dichlorop[c]	µg/L	<1	---
Trichloroethene	mg/L	<.001	---
Uranium (Dis)	pCi/L	---	---
Uranium-234	pCi/L	23.1	15.9
Uranium-238	pCi/L	7.6	5.8
Vanadium (Dis)[c]	mg/L	<.01	<.007
Vinyl Acetate[c]	µg/L	<2	---
Vinyl Chloride	mg/L	<.002	---
Xylene	mg/L	<.001	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMH-231 1984/05/21	MMH-358 1984/07/23	MMW-480 1985/10/14	MMY-588 1986/06/02	MMZ-172 1986/10/20	MMZ-628 1987/05/18	MMZ-556 1987/10/13	MMX-731 1988/04/14
Zinc (Dis)	mg/L	0.13	0.57	<.005	<0.010	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MMX-981 1988/10/17	MCL-256 1989/05/10	MLZ-614 1989/10/18	MLY-004 1990/04/11	MLY-154 1990/10/17	MLY-389 1991/06/24	MLY-388 1991/06/24	MLY-518 1991/10/20
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-E

Chemical Name	Unit	MLY-519 1991/10/20	MLY-692 1992/04/14
Zinc (Dis)	mg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-31B-W

Chemical Name	Unit	MMH-232 1984/05/21	MMH-357 1984/07/23	MMW-479 1985/10/14	MMY-587 1986/06/02	MMZ-175 1986/10/20
Alkalinity[c]	mg/L	336	415	343	399.	267.
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.010	0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<.1	0.15	---
Calcium (Dis)[c]	mg/L	157	550	518	272.	440.
Chloride	mg/L	14	41	33.3	45.2	33.0
Depth To Water[c]	feet	6.25	7.02	7.08	---	6.34
Eh (Ref. to Calomel[c]	mv	---	110	120	-30.	50.
Iron (Dis)	mg/L	.2	<.5	.26	0.73[b]	---
Magnesium (Dis)[c]	mg/L	23	112	90.2	41.	93.
Manganese (Dis)	mg/L	<.1	<.5	.26[b]	0.14[b]	---
Molybdenum (Dis)	mg/L	0.179[b]	<0.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	3.5	---	---	---	---
pH		7.0	7.0	6.9	7.1	6.4[b]
Phosphate[c]	mg/L	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	1.93	8.1	8	5.2	8.6
Selenium (Dis)	mg/L	<0.01	<0.01	<0.005	0.008	<0.005
Silicon[c]	mg/L	8.5	9	8.0	9.1	---
Sodium (Dis)[c]	mg/L	44	158	113	62.	124.
Sp. Cond.[c]	µmhos/cm	1032	2540	2244	1625.	1500.
Sulfate	mg/L	220	1620[b]	1620[b]	501.[b]	1380.[b]
Temperature[c]	deg C	11.5	11.5	12	16.5	13.
Uranium (Dis)	pCi/L	11.988	22.644	48.618[b]	29.304	37.962[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.09	1.17	.008	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-35 (Lower) Lysim

Chemical Name	Unit	MMH-120 1984/03/19	MMH-283 1984/05/21
Alkalinity[c]	mg/L	7440	---
Aluminum (Dis)	mg/L	<0.10	---
Arsenic (Dis)	mg/L	14.4[b]	19.6[b]
Barium (Dis)	mg/L	<0.10	<0.10
Calcium (Dis)[c]	mg/L	2.0	2.92
Chloride	mg/L	1200[b]	1000[b]
Eh (Ref. to Calomel[c]	mv	170	---
Iron (Dis)	mg/L	0.3	<.1
Magnesium (Dis)[c]	mg/L	.10	0.2
Manganese (Dis)	mg/L	<0.1	0.1[b]
Molybdenum (Dis)	g/L	14.4[b]	11.2[b]
pH		13.3[b]	---
Potassium (Dis)[c]	mg/L	278	227
Selenium (Dis)	mg/L	3.77[b]	3.80[b]
Silicon[c]	mg/L	404	346.9
Sodium (Dis)[c]	mg/L	7500	8800
Sp. Cond.[c]	µmhos/cm	21590	---
Sulfate	mg/L	8800[b]	8600[b]
Temperature[c]	deg C	11.5	---
Uranium (Dis)	pCi/L	133.2[b]	93.24[b]
Vanadium (Dis)[c]	mg/L	<0.05	1506
Zinc (Dis)	mg/L	0.1	0.58

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	<0.1	<0.1	<0.1
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	<0.2	<0.2	<0.2
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	<0.2	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	<0.4	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "--" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
1,1,1-Trichloroetha	mg/L	---	---	---	<.001	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	<1.	<1	---
1,1,2-Trichloroetha	mg/L	---	---	---	<.001	<.001	---
1,1-Dichloroethane[c]	µg/L	---	---	---	<1.	<1	---
1,1-Dichloroethene	mg/L	---	---	---	<.001	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	<10	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	<1	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	<10	---	---
1,2-Dichloroethane	mg/L	---	---	---	<.001	<.001	---
1,2-Dichloroethene[c]	µg/L	---	---	---	<1.	---	---
1,2-Dichloropropane	mg/L	---	---	---	<.001	<.001	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	<10	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	<10	---	---
2,4,5-T[c]	µg/L	---	---	---	<0.20	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	<0.20	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	<50	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	<10	---	---
2,4-D[c]	µg/L	---	---	---	<0.25	---	---
2,4-DB[c]	µg/L	---	---	---	<0.25	---	---
2,4-Dichlorophenol[c]	g/L	---	---	---	<10	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	<10	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	<50	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	<10	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	<10	---	---
2-Butanone[c]	µg/L	---	---	---	<2.	<2	---
2-Chloronaphthalene[c]	µg/L	---	---	---	<10	---	---
2-Chlorophenol[c]	µg/L	---	---	---	<10	---	---
2-Hexanone[c]	µg/L	---	---	---	<2.	<2	---
2-Methylnaphthalene[c]	µg/L	---	---	---	<10	---	---
2-Methylphenol[c]	µg/L	---	---	---	<10	---	---
2-Nitroaniline[c]	µg/L	---	---	---	<50	---	---
2-Nitrophenol[c]	µg/L	---	---	---	<10	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	<20	---	---
3-Nitroaniline[c]	µg/L	---	---	---	<50	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	635	638	617	602	629	428	636	660
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	0.13	<0.10	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	0.067[b]	<0.01	<.01	<0.010	0.020	<.01
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	---
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1
Barium (Tot)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	674	---	---	684.	720.	760	749	699
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.010	<0.005	0.011	0.006	<0.005	<0.005	0.009	<0.010
Arsenic (Tot)	mg/L	---	<0.005	0.068[b]	---	---	---	---	---
Barium (Dis)	mg/L	<.1	<0.10	---	---	---	---	---	---
Barium (Tot)	mg/L	---	<0.10	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
4,4'-DDD[c]	µg/L	---	---	---	<0.10	---	---
4,4'-DDE[c]	µg/L	---	---	---	<0.10	---	---
4,4'-DDT[c]	µg/L	---	---	---	<0.10	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	<50	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	<10	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	<10	---	---
4-Chloroaniline[c]	µg/L	---	---	---	<10	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	<10	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	<2.	<2	---
4-Methylphenol[c]	µg/L	---	---	---	<10	---	---
4-Nitroaniline[c]	µg/L	---	---	---	<50	---	---
4-Nitrophenol[c]	µg/L	---	---	---	<50	---	---
Acenaphthene[c]	µg/L	---	---	---	<10	---	---
Acenaphthylene[c]	µg/L	---	---	---	<10	---	---
Acetone[c]	µg/L	---	---	---	<2.	<2	---
Aldrin[c]	µg/L	---	---	---	<0.05	---	---
Alkalinity[c]	mg/L	599	570	522	533	533	524
alpha-BHC[c]	µg/L	---	---	---	<0.05	---	---
alpha-Chlordane[c]	µg/L	---	---	---	<0.50	---	---
Aluminum (Dis)	mg/L	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	13.8	---	---
Anthracene[c]	µg/L	---	---	---	<10	---	---
Aroclor-1016[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1221[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1232[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1242[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1248[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1254[c]	µg/L	---	---	---	<0.50	---	---
Aroclor-1260[c]	µg/L	---	---	---	<0.50	---	---
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.010	0.015	.009	~.005
Arsenic (Tot)	mg/L	---	---	---	---	---	---
Barium (Dis)	mg/L	---	---	---	---	---	---
Barium (Tot)	mg/L	---	---	---	---	---	---
Benzene	mg/L	---	---	---	<.001	<.001	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	<0.002	.002	0.003
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	439	450	457	430	511	351	425	336
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	120	110	110	124	120	150	97.9	109
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---	0.020	.02	0.017
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	42.81	42	43.12	43.42	43.25	42.75	40.6916
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	.005	<0.005	---	---	---	---	---	---
Cadmium (Tot)	mg/L	---	0.005	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	446	---	277.	476.	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	91.8	104.	139.	90.9	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	<.01	<0.030	---	---	---	---	---	---
Chromium (Tot)	mg/L	---	<0.030	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	43.2916	---	43.2	---	---	43.35	42.79	43.32
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
Benzo(a)anthracene[c]	µg/L	---	---	---	<10	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	<10	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	<10	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	<10	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	<10	---	---
Benzoic Acid[c]	µg/L	---	---	---	<50	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	<10	---	---
beta-BHC[c]	µg/L	---	---	---	<0.05	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	<10	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	<10	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	<10	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	<10	---	---
Bromodichloromethan	mg/L	---	---	---	<.001	<.001	---
Bromoform	mg/L	---	---	---	<.001	<.001	---
Bromomethane[c]	µg/L	---	---	---	<2.	<2	---
Butylbenzylphthalat[c]	µg/L	---	---	---	<10	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	---
Cadmium (Tot)	mg/L	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	<1.	<1	---
Carbon Tetrachlorid	mg/L	---	---	---	<.001	<.001	---
Chloride	mg/L	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	<1.	<1	---
Chloroethane[c]	µg/L	---	---	---	<2.	<2	---
Chloroform	mg/L	---	---	---	<.001	<.001	---
Chloromethane[c]	µg/L	---	---	---	<2.	<2	---
Chromium (Dis)	mg/L	---	---	---	---	---	---
Chromium (Tot)	mg/L	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	<10	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	<1.	<1	---
Dalapon[c]	µg/L	---	---	---	<5.0	---	---
delta-BHC[c]	µg/L	---	---	---	<0.05	---	---
Depth To Water[c]	feet	43.46	50.76	46.69	46.45	---	46.32
di-n-Butylphthalate[c]	µg/L	---	---	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	220	215	210	210	185	-40	---	230
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	<.00001	<.00001	<.00001
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---	1.01	1.0	0.9
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	<.00001	<.00001	<.00001
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	1100[b]	5530[b]	7280[b]
Gross Beta	mrem/yr	---	---	---	---	---	28.86[b]	313.02[b]	279.72[b]
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.1	0.1	<.1	<.5	<0.5	2.08[b]	.5[b]	<.1
Iron (Tot)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	170	---	150.	190.	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	<.00002	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	0.89	1.0	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	<.00002	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	3510[b]	---	---	---	5892.[b]	2919[b]	1801[b]	6127[b]
Gross Beta	mrem/yr	140.6[b]	---	---	---	---	42.55[b]	46.398[b]	199.43[b]
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	<.03	0.14	<0.10	<0.10	---	---	---	---
Iron (Tot)	mg/L	---	1.88[b]	38.6[b]	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
di-n-Octylphthalate[c]	µg/L	---	---	---	<10	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	<10	---	---
Dibenzofuran[c]	µg/L	---	---	---	<10	---	---
Dibromochloromethan	mg/L	---	---	---	<.001	<.001	---
Dicamba[c]	µg/L	---	---	---	<0.25	---	---
Dieldrin[c]	µg/L	---	---	---	<0.10	---	---
Diethylphthalate[c]	µg/L	---	---	---	<10	---	---
Dimethylphthalate[c]	µg/L	---	---	---	<10	---	---
Dinoseb[c]	µg/L	---	---	---	<0.10	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	<0.05	---	---
Endosulfan II[c]	µg/L	---	---	---	<0.10	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	<0.10	---	---
Endrin	mg/L	---	---	---	<.0001	---	---
Endrin aldehyde[c]	µg/L	---	---	---	<0.10	---	---
Endrin Ketone[c]	µg/L	---	---	---	<0.10	---	---
Ethylbenzene	mg/L	---	---	---	<.001	<.001	---
Fluoranthene[c]	µg/L	---	---	---	<10	---	---
Fluorene[c]	µg/L	---	---	---	<10	---	---
Fluoride	mg/L	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	<.00005	---	---
gamma-Chlordane[c]	µg/L	---	---	---	<0.50	---	---
Gross Alpha	pCi/L	3130[b]	3400[b]	2547[b]	1738[b]	2500[b]	1700[b]
Gross Beta	mrem/yr	145.188[b]	51.874[b]	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	<0.05	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	<0.05	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	<10	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	<10	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	<10	---	---
Hexachloroethane[c]	µg/L	---	---	---	<10	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	<10	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---
Iron (Tot)	mg/L	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
Lead (Dis)	mg/L	---	---	---	---	---	<0.010	<.01	<0.010
Lead (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	14	---	18.5	---	---	---
Magnesium (Dis)[c]	mg/L	194	140	170	180	201	111	183	176
Manganese (Dis)	mg/L	6.7[b]	21.0[b]	6.0[b]	16[b]	13.6[b]	9.69[b]	15.3[b]	15.0[b]
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	<0.001	.0008	<.0002
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	<.0005	<.0005	<.0005
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	1.32[b]	1.00[b]	0.991[b]	1.10[b]	1.18[b]	0.63[b]	1.34[b]	1.30[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.2	7	6.9	7.0	6.9	7.5	6.9	6.95
pH1 (RCRA)[c]		---	---	---	---	---	7.5	6.9	6.95
pH2 (RCRA)[c]		---	---	---	---	---	7.5	6.9	6.95
pH3 (RCRA)[c]		---	---	---	---	---	7.5	6.9	6.95
pH4 (RCRA)[c]		---	---	---	---	---	7.5	6.9	6.95
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	mg/L	---	---	---	---	---	<0.01	<0.01	0.02
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	64	59	65.9	62.0	66.3	52.0	70.8	69.6
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	29[b]	38[b]	---	13[b]	17[b]	20[b]	44[b]
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<.01
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
Lead (Dis)	mg/L	<.01	<0.025	---	---	---	---	---	---
Lead (Tot)	mg/L	---	<0.025	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	170	---	98.	189.	---	---	---	---
Manganese (Dis)	mg/L	15.6[b]	13.0[b]	10.4[b]	12.3[b]	---	---	---	---
Manganese (Tot)	mg/L	---	13.2[b]	14.5[b]	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	<.0002	<0.001	---	---	---	---	---	---
Mercury (Tot)	mg/L	---	<0.001	---	---	---	---	---	---
Methoxychlor	mg/L	<.001	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	1.44[b]	---	.787[b]	1.24[b]	1.23[b]	1.23[b]	0.89[b]	1.34[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		6.8	---	---	6.9	6.9	6.97	7.00	6.95
pH1 (RCRA)[c]		6.8	7.0	---	---	---	---	---	---
pH2 (RCRA)[c]		6.8	7.0	6.9	---	---	---	---	---
pH3 (RCRA)[c]		6.8	7.0	---	---	---	---	---	---
pH4 (RCRA)[c]		6.8	7.0	---	---	---	---	---	---
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	mg/L	<0.01	.011	0.011	---	---	---	---	---
Phosphate[c]	mg/L	<0.1	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	53	---	44.	64.8	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	19.5[b]	22.9[b]	14.5[b]	---	18.6[b]	19.4[b]	9.8[b]	16.7[b]
Radium-228	pCi/L	---	---	---	---	<1.	<2.8	<2.9	<6.0
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium (Tot)	mg/L	---	<0.005	<0.005	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
Lead (Dis)	mg/L	---	---	---	---	---	---
Lead (Tot)	mg/L	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---
Manganese (Tot)	mg/L	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	<250	---	---
MCPP[c]	µg/L	---	---	---	<200	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	---
Mercury (Tot)	mg/L	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	<.00005	---	---
Methylene Chloride[c]	µg/L	---	---	---	<1.	<1	---
Molybdenum (Dis)	mg/L	0.795[b]	0.80[b]	0.578[b]	0.569[b]	.593[b]	.686[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	<10	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	<10	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	<10	---	---
Nitrobenzene[c]	µg/L	---	---	---	<10	---	---
o-Xylene[c]	µg/L	---	---	---	---	<1	---
Pentachlorophenol[c]	µg/L	---	---	---	<50	---	---
pH		6.86	7.03	6.65	7.16	6.82	6.88
pH1 (RCRA)[c]		---	---	---	---	---	---
pH2 (RCRA)[c]		---	---	---	---	---	---
pH3 (RCRA)[c]		---	---	---	---	---	---
pH4 (RCRA)[c]		---	---	---	---	---	---
Phenanthrene[c]	µg/L	---	---	---	<10	---	---
Phenol[c]	µg/L	---	---	---	<10	---	---
Phenol[c]	mg/L	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	<10	---	---
Radium-226	pCi/L	14.0[b]	5.8[b]	5.6[b]	7.6[b]	9.4[b]	8.9[b]
Radium-228	pCi/L	<4.0	<2	<6	<3	<6	<4
Selenium (Dis)	mg/L	<0.005	<0.0050	<0.0050	0.011[b]	<.02	.007
Selenium (Tot)	mg/L	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
Silicon[c]	mg/L	5.18	4.53	5.3	4	5	8.2	7.3	5.9
Silver (Dis)	mg/L	---	---	---	---	---	<0.010	<.01	<0.010
Silver (Tot)	g/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	1190	990	1120	1180	1160	831	1260	1120
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	5897	6175	6262	6710	5786	3564	5214	5655
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	---	3564	5214	5655
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	---	3564	5214	5655
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	---	3564	5214	5655
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	---	3564	5214	5655
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	3900[b]	3400[b]	3700[b]	3750[b]	3600[b]	2600[b]	3780[b]	3450[b]
Temperature[c]	deg C	12	10	13	14	11	9	12	12
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Tetrahydrofuran[c]	µg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	<1	---	<1	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	5.5	9.8	13.5
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	5.6	9.6	13.6
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	5.6	---	13.7
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	5.7	---	13.6
Toluene	mg/L	---	---	---	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	---	---	<1	<1	<1
Total Organic Carbo[c]	mg/L	---	---	---	---	---	5.1	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	670	5.6	49
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	900	5.8	31
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	730	---	17
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	730	---	19
Toxaphene	mg/L	---	---	---	---	---	<.00048	<.00048	<.00048
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	7326[b]	4662[b]	6127.2[b]	5994[b]	4861.8[b]	1998[b]	7126.2[b]	6726.6[b]
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
Silicon[c]	mg/L	5.6	---	---	---	---	---	---	---
Silver (Dis)	mg/L	<.01	<0.025	---	---	---	---	---	---
Silver (Tot)	mg/L	---	<0.005	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	1270	1160.	744.	1300.	---	---	---	---
Sodium (Tot)[c]	mg/L	---	1180	1194.	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	7155	---	---	6831.	8410.	679	7390	7200
Sp. Cond. RCRA (1)[c]	µmhos/cm	7155	5586.	4500.	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	7155	5586.	4500.	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	7155	5586.	---	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	7155	5586.	---	---	---	---	---	---
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	3570[b]	3410.[b]	1870.[b]	3580.[b]	---	---	---	---
Temperature[c]	deg C	11	---	---	12.5	10.	10.7	10.1	11.7
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Tetrahydrofuran[c]	µg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	17.8	12.1	26.0	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	17.5	11.9	25.6	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	16.7	12.2	25.6	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	16.4	12.0	25.6	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Total Coliform[c]	col/100 mL	<1	---	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	57	40.	---	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	46	27.	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	56	42.	---	---	---	---	---	---
TOX RCRA (4)[c]	g/L	63	22.	---	---	---	---	---	---
Toxaphene	mg/L	<.00096	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	8524.8[b]	---	2930.4[b]	8258.4[b]	7259.4[b]	6453.54[b]	552.78[b]	3596.4[b]
Uranium (Tot)	pCi/L	---	---	6859.8[b]	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
Silicon[c]	mg/L	---	---	---	---	---	---
Silver (Dis)	mg/L	---	---	---	---	---	---
Silver (Tot)	mg/L	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2200	4670	6930	6550	3790	3760
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	---	---
Styrene	mg/L	---	---	---	<.001	<.001	---
Sulfate	mg/L	---	---	---	---	---	---
Temperature[c]	deg C	7.7	11.1	10.5	9.0	12.6	10.7
Tetrachloroethene	mg/L	---	---	---	<.001	<.001	---
Tetrahydrofuran[c]	µg/L	---	---	---	~9	17.3	---
Thorium-230[c]	pCi/L	---	---	---	---	<4.6	<1.3
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	---
Toluene	mg/L	---	---	---	<.001	<.001	---
Total Coliform[c]	col/100 mL	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	<.001	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	<.001	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	<1.	<1	---
Trichloroethene	mg/L	---	---	---	<.001	<.001	---
Uranium (Dis)	pCi/L	3243.42[b]	2930.4[b]	---	---	---	---
Uranium (Tot)	pCi/L	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	1223[b]	1229[b]	963[b]	565.1[b]

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMH-122 1984/03/19	MMH-187 1984/04/18	MMH-261 1984/05/21	MMH-392 1984/07/23	MMH-651 1984/09/24	MMH-714 1984/10/29	MMW-673 1985/04/09	MMT-668 1985/06/10
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	0.14	<.05	<.05
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.1	0.13	0.10	0.07	0.22	1.22	.08	.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MMW-470 1985/10/14	MMY-601 1986/06/02	MMZ-177 1986/10/20	MMZ-642 1987/05/18	MMZ-557 1987/10/13	MMX-732 1988/04/14	MMX-982 1988/10/17	MCL-257 1989/05/11
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<.01	---	0.525	<0.050	<0.05	<0.05	0.34	0.13
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	.076	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-36A

Chemical Name	Unit	MLZ-615 1989/10/19	MLY-005 1990/04/12	MLY-155 1990/10/18	MLY-382 1991/06/24	MLY-510 1991/10/20	MLY-697 1992/04/14
Uranium-238	pCi/L	---	---	1254[b]	1237[b]	988[b]	578.7[b]
Vanadium (Dis)[c]	mg/L	0.272	0.18	0.283	0.384	.479	.336
Vinyl Acetate[c]	µg/L	---	---	---	<2.	<2	---
Vinyl Chloride	mg/L	---	---	---	<.002	<.002	---
Xylene	mg/L	---	---	---	<.001	<.001	---
Zinc (Dis)	mg/L	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-39

Chemical Name	Unit	MMH-278 1984/05/21	MMW-497 1985/10/14	MMW-908 1985/10/14	MMY-614 1986/06/02	MMZ-198 1986/10/20
Alkalinity[c]	mg/L	580	533	533	440.	509.
Arsenic (Dis)	mg/L	<0.01	0.030	0.033	<0.005	0.006
Barium (Dis)	mg/L	<0.10	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	177	173	178	184.	154.
Chloride	mg/L	84	61.0	57.3	58.5	57.7
Depth To Water[c]	feet	17	19.83	19.83	---	20.36
Eh (Ref. to Calomel[c]	mv	150	175	175	150.	165.
Iron (Dis)	mg/L	0.4[b]	<.03	<.03	0.25	---
Magnesium (Dis)[c]	mg/L	43	43.6	44.2	41.	40.
Manganese (Dis)	mg/L	3.0[b]	3.60[b]	3.14[b]	4.2[b]	---
Molybdenum (Dis)	mg/L	0.192[b]	.21[b]	.16[b]	0.15[b]	0.144[b]
pH		7.5	7.0	7.0	7.0	8.0
Phosphate[c]	mg/L	---	0.2	0.2	---	---
Potassium (Dis)[c]	mg/L	20.8	17	18	21.	23.
Selenium (Dis)	mg/L	<0.01	0.010	0.006	<0.005	<0.005
Silicon[c]	mg/L	6.9	8.3	8.5	8.7	---
Sodium (Dis)[c]	mg/L	420	302	310	377.	296.
Sp. Cond.[c]	µmhos/cm	2666	2376	2376	1794.	1500.
Sulfate	mg/L	870[b]	796[b]	744[b]	770.[b]	722.[b]
Temperature[c]	deg C	13	12	12	10.	9.
Uranium (Dis)	pCi/L	732.6[b]	532.8[b]	532.8[b]	532.8[b]	599.4[b]
Vanadium (Dis)[c]	mg/L	<0.05	.48	.48	0.050	0.104
Zinc (Dis)	mg/L	0.11	.010	<.005	0.016	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	<0.1	<0.1	<0.1	<0.1	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	<0.2	<0.2	<0.2	<0.2	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
1,1,1-Trichloroetha	mg/L	---	<.001	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	---	<1.	<1	---
1,1,2-Trichloroetha	mg/L	---	<.001	<.001	---
1,1-Dichloroethane[c]	µg/L	---	<1.	<1	---
1,1-Dichloroethene	mg/L	---	<.001	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	---	<10	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	<1	---
1,2-Dichlorobenzene[c]	µg/L	---	<10	---	---
1,2-Dichloroethane	mg/L	---	<.001	<.001	---
1,2-Dichloroethene[c]	µg/L	---	<1.	---	---
1,2-Dichloropropane	mg/L	---	<.001	<.001	---
1,3-Dichlorobenzene[c]	µg/L	---	<10	---	---
1,4-Dichlorobenzene[c]	µg/L	---	<10	---	---
2,4,5-T[c]	µg/L	---	<0.20	---	---
2,4,5-TP (Silvex)	µg/L	---	<0.20	---	---
2,4,5-Trichlorophen[c]	µg/L	---	<50	---	---
2,4,6-Trichlorophen[c]	µg/L	---	<10	---	---
2,4-D[c]	µg/L	---	<0.25	---	---
2,4-DB[c]	µg/L	---	<0.25	---	---
2,4-Dichlorophenol[c]	µg/L	---	<10	---	---
2,4-Dimethylphenol[c]	µg/L	---	<10	---	---
2,4-Dinitrophenol[c]	µg/L	---	<50	---	---
2,4-Dinitrotoluene[c]	µg/L	---	<10	---	---
2,6-Dinitrotoluene[c]	µg/L	---	<10	---	---
2-Butanone[c]	µg/L	---	<2.	<2	---
2-Chloronaphthalene[c]	µg/L	---	<10	---	---
2-Chlorophenol[c]	µg/L	---	<10	---	---
2-Hexanone[c]	µg/L	---	<2.	<2	---
2-Methylnaphthalene[c]	µg/L	---	<10	---	---
2-Methylphenol[c]	µg/L	---	<10	---	---
2-Nitroaniline[c]	µg/L	---	<50	---	---
2-Nitrophenol[c]	µg/L	---	<10	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	<20	---	---
3-Nitroaniline[c]	µg/L	---	<50	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	407	406	417	423	416	398	454	---
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.044	0.06[b]	.06[b]	0.086[b]	0.080[b]	.05	0.072[b]	0.059[b]
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	0.084[b]
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<.1	<0.10
Barium (Tot)	mg/L	---	---	---	---	---	---	---	0.11
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	---	428.	432.	405	403	362	408	386
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.057[b]	0.045	0.065[b]	0.041	0.058[b]	0.049	0.05	0.044
Arsenic (Tot)	mg/L	0.16[b]	---	---	---	---	---	---	---
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Barium (Tot)	g/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "-" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
4,4'-DDD[c]	µg/L	---	<0.10	---	---
4,4'-DDE[c]	µg/L	---	<0.10	---	---
4,4'-DDT[c]	µg/L	---	<0.10	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	<50	---	---
4-Bromophenyl-phenyc	µg/L	---	<10	---	---
4-Chloro-3-methylph[c]	µg/L	---	<10	---	---
4-Chloroaniline[c]	µg/L	---	<10	---	---
4-Chlorophenylphenyc	µg/L	---	<10	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	<2.	<2	---
4-Methylphenol[c]	µg/L	---	<10	---	---
4-Nitroaniline[c]	µg/L	---	<50	---	---
4-Nitrophenol[c]	µg/L	---	<50	---	---
Acenaphthene[c]	µg/L	---	<10	---	---
Acenaphthylene[c]	µg/L	---	<10	---	---
Acetone[c]	µg/L	---	<2.	<2	---
Aldrin[c]	µg/L	---	<0.05	---	---
Alkalinity[c]	mg/L	408	357	430	390
alpha-BHC[c]	µg/L	---	<0.05	---	---
alpha-Chlordane[c]	µg/L	---	<0.50	---	---
Ammonia as Nitrogen[c]	mg/L	---	2.15	---	---
Anthracene[c]	µg/L	---	<10	---	---
Aroclor-1016[c]	µg/L	---	<0.50	---	---
Aroclor-1221[c]	µg/L	---	<0.50	---	---
Aroclor-1232[c]	µg/L	---	<0.50	---	---
Aroclor-1242[c]	µg/L	---	<0.50	---	---
Aroclor-1248[c]	µg/L	---	<0.50	---	---
Aroclor-1254[c]	µg/L	---	<0.50	---	---
Aroclor-1260[c]	µg/L	---	<0.50	---	---
Arsenic (Dis)	mg/L	0.051[b]	.044	.055[b]	.068[b]
Arsenic (Tot)	mg/L	---	---	---	---
Barium (Dis)	mg/L	---	---	---	---
Barium (Tot)	mg/L	---	---	---	---
Benzene	mg/L	---	<.001	<.001	---
Benzo(a)anthracene[c]	µg/L	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	<0.002	<.001	<0.001	<.001	<0.005
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	<0.005
Calcium (Dis)[c]	mg/L	95.4	92	137	128	80.7	90.8	135	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	110	97	120	130	89	97.9	116	90.3
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	<0.010	<.01	<0.010	<.01	0.030
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	0.037
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	18.35	20.42	21.58	21.73	18.5	19.316	21.25	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	140.	126.	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	101.	74.2	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---	---	---	---
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	21.75	---	---	20.50	21.42	20.77	22.47	21.79
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
Benzo(a)pyrene[c]	µg/L	---	<10	---	---
Benzo(b)fluoranthen[c]	µg/L	---	<10	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	<10	---	---
Benzo(k)fluoranthen[c]	µg/L	---	<10	---	---
Benzoic Acid[c]	µg/L	---	<50	---	---
Benzyl Alcohol[c]	µg/L	---	<10	---	---
beta-BHC[c]	µg/L	---	<0.05	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	<10	---	---
bis(2-chloroisoprop[c]	µg/L	---	<10	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	<10	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	<10	---	---
Bromodichloromethan	mg/L	---	<.001	<.001	---
Bromoform	mg/L	---	<.001	<.001	---
Bromomethane[c]	µg/L	---	<2.	<2	---
Butylbenzylphthalat[c]	µg/L	---	<10	---	---
Cadmium (Dis)	mg/L	---	---	---	---
Cadmium (Tot)	mg/L	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---
Carbon Disulfide[c]	µg/L	---	<1.	<1	---
Carbon Tetrachlorid	mg/L	---	<.001	<.001	---
Chloride	mg/L	---	---	---	---
Chlorobenzene[c]	µg/L	---	<1.	<1	---
Chloroethane[c]	µg/L	---	<2.	<2	---
Chloroform	mg/L	---	<.001	<.001	---
Chloromethane[c]	µg/L	---	<2.	<2	---
Chromium (Dis)	mg/L	---	---	---	---
Chromium (Tot)	mg/L	---	---	---	---
Chrysene[c]	µg/L	---	<10	---	---
cis-1,3-Dichloropro[c]	µg/L	---	<1.	<1	---
Dalapon[c]	µg/L	---	<5.0	---	---
delta-BHC[c]	µg/L	---	<0.05	---	---
Depth To Water[c]	feet	23.02	21.82	---	20.62
di-n-Butylphthalate[c]	µg/L	---	<10	---	---
di-n-Octylphthalate[c]	µg/L	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-215	20	-65	130	---	40	-170	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	<.00001	<.00001	<.00001	<.00001	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	1.07	1.1	1.1	1.05	1.2
gamma-BHC (Lindane)	mg/L	---	---	---	<.00001	<.00001	<.00001	<.00001	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	340[b]	440[b]	840[b]	950[b]	---
Gross Beta	mrem/yr	---	---	---	10.36[b]	29.6[b]	34.706[b]	42.476[b]	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.3	<.5	0.5[b]	0.80[b]	.3	.1	.46[b]	0.22
Iron (Tot)	mg/L	---	---	---	---	---	---	---	3.56[b]
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	<0.010	<.01	<0.010	<.01	<0.025

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "--" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	120.	110.	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	905.[b]	486[b]	493[b]	623[b]	905[b]	688[b]
Gross Beta	mrem/yr	---	---	---	11.47[b]	13.542[b]	19.61[b]	27.084[b]	14.8[b]
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.42[b]	0.25	---	---	---	---	---	---
Iron (Tot)	mg/L	7.11[b]	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
Dibenzo(a,h)anthrac[c]	µg/L	---	<10	---	---
Dibenzofuran[c]	µg/L	---	<10	---	---
Dibromochloromethan	mg/L	---	<.001	<.001	---
Dicamba[c]	µg/L	---	<0.25	---	---
Dieldrin[c]	µg/L	---	<0.10	---	---
Diethylphthalate[c]	µg/L	---	<10	---	---
Dimethylphthalate[c]	µg/L	---	<10	---	---
Dinoseb[c]	µg/L	---	<0.10	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---
Endosulfan I[c]	µg/L	---	<0.05	---	---
Endosulfan II[c]	µg/L	---	<0.10	---	---
Endosulfan Sulfate[c]	µg/L	---	<0.10	---	---
Endrin	mg/L	---	<.0001	---	---
Endrin aldehyde[c]	µg/L	---	<0.10	---	---
Endrin Ketone[c]	µg/L	---	<0.10	---	---
Ethylbenzene	mg/L	---	<.001	<.001	---
Fluoranthene[c]	µg/L	---	<10	---	---
Fluorene[c]	µg/L	---	<10	---	---
Fluoride	mg/L	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	<.00005	---	---
gamma-Chlordane[c]	µg/L	---	<0.50	---	---
Gross Alpha	pCi/L	712[b]	617[b]	880[b]	660[b]
Gross Beta	mrem/yr	---	---	---	---
Heptachlor[c]	µg/L	---	<0.05	---	---
Heptachlor Epoxide[c]	µg/L	---	<0.05	---	---
Hexachlorobenzene[c]	µg/L	---	<10	---	---
Hexachlorobutadiene[c]	µg/L	---	<10	---	---
Hexachlorocyclopent[c]	g/L	---	<10	---	---
Hexachloroethane[c]	µg/L	---	<10	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	<10	---	---
Iron (Dis)	mg/L	---	---	---	---
Iron (Tot)	mg/L	---	---	---	---
Isophorone[c]	µg/L	---	<10	---	---
Lead (Dis)	mg/L	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
Lead (Tot)	mg/L	---	---	---	---	---	---	---	<0.025
Magnesium (Dis)[c]	mg/L	22	23	32.9	34.0	22.3	24.4	33.0	---
Manganese (Dis)	mg/L	2.1[b]	2.5[b]	3.6[b]	4.20[b]	2.44[b]	2.80[b]	3.79[b]	3.04[b]
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	3.12[b]
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	<0.001	<.0002	<.0002	<.0002	<0.001
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	<0.001
Methoxychlor	mg/L	---	---	---	<.0005	<.0005	<.0005	<.0005	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	0.335[b]	0.32[b]	0.32[b]	0.35[b]	.40[b]	.32[b]	.31[b]	---
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	1.4	1.6	0.6	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.1	7.4	7.25	6.9	6.9	7.0	7.1	---
pH1 (RCRA)[c]		---	---	---	6.9	6.9	7.0	7.1	7.2
pH2 (RCRA)[c]		---	---	---	6.9	6.9	7.0	7.1	7.2
pH3 (RCRA)[c]		---	---	---	6.9	6.9	7.0	7.1	7.2
pH4 (RCRA)[c]		---	---	---	6.9	6.9	7.0	7.1	7.1
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	mg/L	---	---	---	<0.010	<0.01	<0.01	<0.01	<.01
Phosphate[c]	mg/L	---	---	---	---	---	---	<0.1	---
Potassium (Dis)[c]	mg/L	48.0	46	58.6	52.6	48.0	49.0	43	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	10[b]	5	4.1	6.9[b]	5.2[b]
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.010	<0.005	<.01	<0.005	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	<0.005
Silicon[c]	mg/L	8.3	7	8	8.6	8.5	7.8	8.2	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
Lead (Tot)	mg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	30.	26.3	---	---	---	---	---	---
Manganese (Dis)	mg/L	3.73[b]	3.08[b]	---	---	---	---	---	---
Manganese (Tot)	mg/L	3.77[b]	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	---	---	---
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	.350[b]	0.28[b]	0.30[b]	0.225[b]	0.20[b]	0.222[b]	0.182[b]	0.20[b]
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		---	6.8	6.85	7.01	6.96	6.87	6.83	6.86
pH1 (RCRA)[c]		7.1	---	---	---	---	---	---	---
pH2 (RCRA)[c]		7.15	---	---	---	---	---	---	---
pH3 (RCRA)[c]		---	---	---	---	---	---	---	---
pH4 (RCRA)[c]		---	---	---	---	---	---	---	---
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	mg/L	<0.005	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	46.	41.6	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	5.4[b]	---	4.0	2.8	3.1	3.2	3.3	3.3
Radium-228	pCi/L	---	---	<1.	<1.8	<2.1	<1.0	<2.0	<1
Selenium (Dis)	mg/L	0.009	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.0050
Selenium (Tot)	mg/L	0.009	---	---	---	---	---	---	---
Silicon[c]	mg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
Lead (Tot)	mg/L	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---
Manganese (Tot)	mg/L	---	---	---	---
MCPA[c]	µg/L	---	<250	---	---
MCPP[c]	µg/L	---	<200	---	---
Mercury (Dis)	mg/L	---	---	---	---
Mercury (Tot)	mg/L	---	---	---	---
Methoxychlor	mg/L	---	<.00005	---	---
Methylene Chloride[c]	µg/L	---	<1.	<1	---
Molybdenum (Dis)	mg/L	0.167[b]	.184[b]	.184[b]	.254[b]
n-Nitroso-di-n-prop[c]	µg/L	---	<10	---	---
n-Nitrosodiphenylam[c]	µg/L	---	<10	---	---
Naphthalene (ACN) ([c]	µg/L	---	<10	---	---
Nitrobenzene[c]	µg/L	---	<10	---	---
o-Xylene[c]	µg/L	---	<1.	<1	---
Oxygen[c]	mg/L	---	---	---	---
Pentachlorophenol[c]	µg/L	---	<50	---	---
pH		7.13	7.02	7	7.15
pH1 (RCRA)[c]		---	---	---	---
pH2 (RCRA)[c]		---	---	---	---
pH3 (RCRA)[c]		---	---	---	---
pH4 (RCRA)[c]		---	---	---	---
Phenanthrene[c]	µg/L	---	<10	---	---
Phenol[c]	µg/L	---	<10	---	---
Phenol[c]	mg/L	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---
Pyrene[c]	µg/L	---	<10	---	---
Radium-226	pCi/L	2.3	2.5	1.9	3.3
Radium-228	pCi/L	<3	<3	<2	<3
Selenium (Dis)	mg/L	<0.0050	<.005	<.002	<.002
Selenium (Tot)	mg/L	---	---	---	---
Silicon[c]	mg/L	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
Silver (Dis)	mg/L	---	---	---	<0.010	<.01	<0.010	<.01	<0.025
Silver (Tot)	mg/L	---	---	---	---	---	---	---	<0.005
Sodium (Dis)[c]	mg/L	321	295	390	420	328	326	364	274.
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	---	295
Sp. Cond.[c]	µmhos/cm	2016	2040	2064	1920	1755	1885	2210	---
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	1920	1755	1885	2210	2010.
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	1920	1755	1885	2210	2010.
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	1920	1755	1885	2210	2010.
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	1920	1755	1885	2210	2010.
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	520[b]	533[b]	720[b]	790[b]	510[b]	553[b]	714[b]	579.[b]
Temperature[c]	deg C	12	15	10.5	11	11	12	12.5	---
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	---	6.1	6.0	20.1	33.1	11.8
TOCarbon RCRA (2)[c]	mg/L	---	---	---	6.0	5.6	19.4	33.7	11.4
TOCarbon RCRA (3)[c]	mg/L	---	---	---	6.1	---	19.9	32.8	11.7
TOCarbon RCRA (4)[c]	mg/L	---	---	---	6.2	---	19.7	33.0	11.8
Toluene	mg/L	---	---	---	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	<1	<1	<1	<1	---
Total Organic Carbo[c]	mg/L	---	---	---	4.6	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	1500	34	9904	46	18.
TOX RCRA (2)[c]	µg/L	---	---	---	2200	32	9458	47	48.
TOX RCRA (3)[c]	µg/L	---	---	---	1900	---	10578	48	10.
TOX RCRA (4)[c]	µg/L	---	---	---	1900	---	9166	49	13.
Toxaphene	mg/L	---	---	---	<.0005	<.00048	<.00048	<.00048	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	532.8[b]	599.4[b]	865.8[b]	666[b]	666[b]	532.8[b]	932.4[b]	---
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	0.45	0.37	0.44	0.36	.62	.35	.45	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
Silver (Dis)	mg/L	---	---	---	---	---	---	---	---
Silver (Tot)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	334.	270.	---	---	---	---	---	---
Sodium (Tot)[c]	mg/L	343.	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	---	1751.	2170.	1707	2030	2150	1950	2490
Sp. Cond. RCRA (1)[c]	µmhos/cm	1500.	---	---	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	1500.	---	---	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	610.[b]	516.[b]	---	---	---	---	---	---
Temperature[c]	deg C	---	13.	10.	14.9	10.6	10.9	10.4	11.4
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	18.1	---	---	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	18.4	---	---	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	18.6	---	---	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	18.5	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	8.	---	---	---	---	---	---	---
TOX RCRA (2)[c]	g/L	17.	---	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	17.	---	---	---	---	---	---	---
TOX RCRA (4)[c]	µg/L	22.	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	732.6[b]	699.3[b]	885.78[b]	580.086[b]	552.78[b]	499.5[b]	580.086[b]	646.02[b]
Uranium (Tot)	pCi/L	666[b]	---	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	0.449	0.54	0.53	0.523	0.50	0.50	0.467	0.46

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
Silver (Dis)	mg/L	---	---	---	---
Silver (Tot)	mg/L	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---
Sodium (Tot)[c]	mg/L	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2110	2100	1865	1905
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---
Styrene	mg/L	---	<.001	<.001	---
Sulfate	mg/L	---	---	---	---
Temperature[c]	deg C	10.6	10.8	10.6	11.5
Tetrachloroethene	mg/L	---	<.001	<.001	---
Thorium-230[c]	pCi/L	---	---	<4.1	0.6
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---
Toluene	mg/L	---	<.001	<.001	---
Total Coliform[c]	col/100 mL	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---
Toxaphene	mg/L	---	<.001	---	---
trans-1,2-Dichloroe	mg/L	---	---	<.001	---
trans-1,3-Dichlorop[c]	µg/L	---	<1.	<1	---
Trichloroethene	mg/L	---	<.001	<.001	---
Uranium (Dis)	pCi/L	---	---	---	---
Uranium (Tot)	pCi/L	---	---	---	---
Uranium-234	pCi/L	312[b]	352[b]	375[b]	330.8[b]
Uranium-238	pCi/L	326[b]	364[b]	395[b]	334.4[b]
Vanadium (Dis)[c]	mg/L	0.408	.355	.343	.211

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMH-264 1984/05/21	MMH-391 1984/07/23	MMH-652 1984/09/24	MMH-715 1984/10/29	MMW-674 1985/04/09	MMT-670 1985/06/10	MMW-472 1985/10/14	MMY-615 1986/06/02
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.05	0.06	0.10	0.32	<.05	<.05	<.005	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MMZ-178 1986/10/20	MMZ-636 1987/05/18	MMZ-558 1987/10/13	MMX-733 1988/04/14	MMX-983 1988/10/17	MCL-258 1989/05/10	MLZ-616 1989/10/18	MLY-006 1990/04/11
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-40A

Chemical Name	Unit	MLY-156 1990/10/17	MLY-394 1991/06/24	MLY-522 1991/10/20	MLY-743 1992/04/15
Vinyl Acetate[c]	µg/L	---	<2.	<2	---
Vinyl Chloride	mg/L	---	<.002	<.002	---
Xylene	mg/L	---	<.001	<.001	---
Zinc (Dis)	mg/L	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Lower Middle)

Chemical Name	Unit	MMH-194 1984/04/18	MMH-251 1984/05/21	MMH-383 1984/07/23	MMH-662 1984/09/24	MMH-726 1984/10/29	MMW-670 1985/04/09	MMW-495 1985/10/14	MMY-606 1986/06/02
Alkalinity[c]	mg/L	1258	1097	1545	1300	1235	1595	875	1340.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	1.92[b]	1.80[b]	1.87[b]	2.54[b]	3.1[b]	2.6[b]	1.4[b]	1.8[b]
Barium (Dis)	mg/L	0.20	0.14	<0.1	<0.1	<0.1	<.1	.1	<0.10
Calcium (Dis)[c]	mg/L	83	96	101	98.3	96.8	36.9	102	103.
Chloride	mg/L	1600[b]	1200[b]	1230[b]	1700[b]	1700[b]	1300[b]	729[b]	1320.[b]
Depth To Water[c]	feet	20	---	20	20	20	20	---	---
Eh (Ref. to Calomel[c]	mv	130	130	-180	-160	-80	---	140	40.
Iron (Dis)	mg/L	0.1	0.1	<.5	<0.5	<0.10	<.1	<.03	0.036
Magnesium (Dis)[c]	mg/L	85	88	90	124	123	102	63.1	101.
Manganese (Dis)	mg/L	0.5[b]	0.5[b]	.5[b]	0.5[b]	0.45[b]	.34[b]	.88[b]	0.33[b]
Molybdenum (Dis)	mg/L	6.82[b]	6.56[b]	6.25[b]	9.90[b]	11.2[b]	7.8[b]	4.27[b]	108.[b]
Oxygen[c]	mg/L	---	1.6	---	---	---	---	---	---
pH		8.0	7.9	8.1	8.0	7.6	8.1	7.5	8.25
Phosphate[c]	mg/L	---	---	---	---	---	---	1.0	---
Potassium (Dis)[c]	mg/L	150	136	162	215	197	173	89	166.
Radium-226	pCi/L	17[b]	---	---	---	---	17[b]	---	---
Selenium (Dis)	mg/L	1.03[b]	1.29[b]	1.15[b]	2.24[b]	1.3[b]	1.2[b]	1.5[b]	1.4[b]
Silicon[c]	mg/L	7.36	8.5	17	12	11.6	9.6	8.9	13.
Sodium (Dis)[c]	mg/L	2647	2080	2558	3220	3290	2880	1544	3040.
Sp. Cond.[c]	µmhos/cm	10920	9920	11400	12600	11400	12420	5174	13400.
Sulfate	mg/L	2900[b]	2600[b]	3100[b]	3900[b]	3800[b]	3600[b]	2250[b]	3550.[b]
Temperature[c]	deg C	10	13	15	12	15	10	12.5	11.
Uranium (Dis)	pCi/L	1332[b]	1198.8[b]	1998[b]	1198.8[b]	1198.8[b]	1598.4[b]	1065.6[b]	4329[b]
Vanadium (Dis)[c]	mg/L	<0.05	72.4	75.4	111	119	104	66.5	6.7
Zinc (Dis)	mg/L	<0.10	0.06	0.05	0.92	0.36	<.05	<.005	<0.010

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Lower Middle)

Chemical Name	Unit	MMZ-179 1986/10/20
Alkalinity[c]	mg/L	1390.
Aluminum (Dis)	mg/L	---
Arsenic (Dis)	mg/L	2.5[b]
Barium (Dis)	mg/L	---
Calcium (Dis)[c]	mg/L	136.
Chloride	mg/L	1610.[b]
Depth To Water[c]	feet	---
Eh (Ref. to Calomel[c]	mv	200.
Iron (Dis)	mg/L	---
Magnesium (Dis)[c]	mg/L	125.
Manganese (Dis)	mg/L	---
Molybdenum (Dis)	mg/L	8.9[b]
Oxygen[c]	mg/L	---
pH		7.6
Phosphate[c]	mg/L	---
Potassium (Dis)[c]	mg/L	171.
Radium-226	pCi/L	---
Selenium (Dis)	mg/L	3.3[b]
Silicon[c]	mg/L	---
Sodium (Dis)[c]	mg/L	2675.
Sp. Cond.[c]	µmhos/cm	9000.
Sulfate	mg/L	3460.[b]
Temperature[c]	deg C	13.5
Uranium (Dis)	pCi/L	1798.2[b]
Vanadium (Dis)[c]	mg/L	108.
Zinc (Dis)	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Lowermost)

Chemical Name	Unit	MMH-195 1984/04/18	MMH-252 1984/05/21	MMH-382 1984/07/23	MMH-661 1984/09/24	MMH-725 1984/10/29	MMW-496 1985/10/14	MMY-604 1986/06/02	MMY-603 1986/06/02
Alkalinity[c]	mg/L	357	496	344	357	348	1595	337.	337.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.144[b]	0.510[b]	0.15[b]	.15[b]	0.16[b]	2.4[b]	0.072[b]	0.073[b]
Barium (Dis)	mg/L	0.35	<0.10	<0.1	<0.1	<0.1	<.1	<0.10	<0.10
Calcium (Dis)[c]	mg/L	120	95	139	172	127	92.4	159.	156.
Chloride	mg/L	68	270[b]	81	110	76	1520[b]	44.1	44.2
Depth To Water[c]	feet	25	---	25	25	25	---	---	---
Eh (Ref. to Calomel[c]	mv	140	-130	70	-10	-50	125	-60.	-60.
Iron (Dis)	mg/L	0.1	0.1	<.5	<0.5	<0.10	.03	0.049	0.10
Magnesium (Dis)[c]	mg/L	30	31	24	29.2	23.5	106	25.	26.
Manganese (Dis)	mg/L	1.9[b]	0.9[b]	1.4[b]	1.7[b]	1.54[b]	.43[b]	1.6[b]	1.7[b]
Molybdenum (Dis)	mg/L	0.28[b]	1.381[b]	0.31[b]	0.52[b]	0.32[b]	8.02[b]	2.1[b]	2.2[b]
Oxygen[c]	mg/L	---	1.3	---	---	---	---	---	---
pH		7.1	7.3	7.2	7.0	6.4[b]	8.0	7.2	7.2
Phosphate[c]	mg/L	---	---	---	---	---	1.0	---	---
Potassium (Dis)[c]	mg/L	22	46.1	20	23.5	20.0	163	17.	18.
Radium-226	pCi/L	16[b]	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	0.051[b]	0.272[b]	0.08[b]	0.11[b]	0.044[b]	2.8[b]	0.054[b]	0.052[b]
Silicon[c]	g/L	7.22	8.2	7	9	8.7	8.7	8.1	8.4
Sodium (Dis)[c]	mg/L	220	630	176	228	180	2843	122.	126.
Sp. Cond.[c]	µmhos/cm	1625	5002	1386	1408	1159	12350	1244.	1244.
Sulfate	mg/L	370	820[b]	388	450	350	3730[b]	321.	319.
Temperature[c]	deg C	10	14	12	11	14	12.5	12.	12.
Uranium (Dis)	pCi/L	199.8[b]	446.22[b]	192.474[b]	199.8[b]	133.2[b]	1665[b]	133.2[b]	133.2[b]
Vanadium (Dis)[c]	mg/L	4.99	23.5	3.82	4.36	3.60	122	0.12	0.090
Zinc (Dis)	mg/L	<0.10	0.05	0.50	0.06	0.33	<.005	<0.010	<0.010

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Lowermost)

Chemical Name	Unit	MMZ-182 1986/10/20
Alkalinity[c]	mg/L	340.
Aluminum (Dis)	mg/L	---
Arsenic (Dis)	mg/L	0.084[b]
Barium (Dis)	mg/L	---
Calcium (Dis)[c]	mg/L	154.
Chloride	mg/L	39.6
Depth To Water[c]	feet	---
Eh (Ref. to Calomel[c]	mv	50.
Iron (Dis)	mg/L	---
Magnesium (Dis)[c]	mg/L	24.
Manganese (Dis)	mg/L	---
Molybdenum (Dis)	mg/L	<0.050
Oxygen[c]	mg/L	---
pH		6.75
Phosphate[c]	mg/L	---
Potassium (Dis)[c]	mg/L	17.
Radium-226	pCi/L	---
Selenium (Dis)	mg/L	0.057[b]
Silicon[c]	mg/L	---
Sodium (Dis)[c]	mg/L	108.
Sp. Cond.[c]	µmhos/cm	1000.
Sulfate	mg/L	337.
Temperature[c]	deg C	11.5
Uranium (Dis)	pCi/L	133.2[b]
Vanadium (Dis)[c]	mg/L	2.2
Zinc (Dis)	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Upper Middle)

Chemical Name	Unit	MMH-193 1984/04/18	MMH-254 1984/05/21	MMH-385 1984/07/23	MMH-664 1984/09/24	MMH-728 1984/10/29	MMW-494 1985/10/14	MMY-605 1986/06/02	MMZ-181 1986/10/20
Alkalinity[c]	mg/L	1609	1985	1595	1545	2755	1505	1526.	1219.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	3.61[b]	2.48[b]	2.41[b]	3.09[b]	4.1[b]	2.4[b]	2.1[b]	2.4[b]
Barium (Dis)	mg/L	0.31	<0.10	<0.1	<0.1	<0.1	<.1	<0.10	---
Calcium (Dis)[c]	g/L	120	127	135	145	110	92.4	110.	139.
Chloride	mg/L	1900[b]	2200[b]	1630[b]	2100[b]	2200[b]	1530[b]	1250.[b]	1630.[b]
Depth To Water[c]	feet	15	---	4.42	4.42	4.04	---	---	---
Eh (Ref. to Calomel[c]	mv	210	40	-40	20	---	160	---	120.
Iron (Dis)	mg/L	0.1	<.1	<.5	<0.5	<0.10	.03	0.061	---
Magnesium (Dis)[c]	mg/L	130	137	127	162	159	114	98.	127.
Manganese (Dis)	mg/L	0.6[b]	0.4[b]	<.5	<0.5	0.39[b]	.20[b]	0.24[b]	---
Molybdenum (Dis)	mg/L	11.6[b]	10.4[b]	10.7[b]	12.6[b]	22.3[b]	8.54[b]	116.[b]	8.8[b]
Oxygen[c]	mg/L	---	1.2	---	---	---	---	---	---
pH		8.0	7.9	7.95	8.0	7.4	8.0	8.1	7.6
Phosphate[c]	mg/L	---	---	---	---	---	1.2	---	---
Potassium (Dis)[c]	mg/L	200	200	241	265	235	146	164.	158.
Radium-226	pCi/L	32[b]	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	1.30[b]	1.70[b]	1.64[b]	2.94[b]	1.8[b]	3.8[b]	1.7[b]	3.6[b]
Silicon[c]	mg/L	8.38	9.3	24	14	12.9	10.2	7.9	---
Sodium (Dis)[c]	mg/L	3540	3610	4186	4000	3950	2734	2980.	2680.
Sp. Cond.[c]	µmhos/cm	13332	14820	14145	14030	13420	12200	11700.	8500.
Sulfate	mg/L	4500[b]	4700[b]	4970[b]	4800[b]	4800[b]	3580[b]	3400.[b]	3420.[b]
Temperature[c]	deg C	9	18	13.5	14	14	15	12.5	13.
Uranium (Dis)	pCi/L	1998[b]	2131.2[b]	2664[b]	1198.8[b]	1398.6[b]	1332[b]	3996[b]	1198.8[b]
Vanadium (Dis)[c]	mg/L	<0.05	124	113	128	150	125	6.5	105.
Zinc (Dis)	mg/L	0.14	0.14	0.11	1.22	0.38	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-41 (Uppermost)

Chemical Name	Unit	MMH-192 1984/04/18	MMH-253 1984/05/21	MMH-384 1984/07/23	MMH-663 1984/09/24	MMH-727 1984/10/29	MMW-493 1985/10/14	MMY-602 1986/06/02	MMZ-183 1986/10/20
Alkalinity[c]	mg/L	1550	1572	1700	1620	1345	1515	1640.	1219.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	3.61[b]	2.42[b]	2.71[b]	3.16[b]	4.0[b]	2.4[b]	2.0[b]	2.0[b]
Barium (Dis)	mg/L	0.60	<0.10	<0.1	<0.1	<0.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	140	123	118	126	107	92.2	74.	123.
Chloride	mg/L	2200[b]	1800[b]	1590[b]	2100[b]	2200[b]	1520[b]	1350.[b]	1530.[b]
Depth To Water[c]	feet	9	---	6	6	6	---	---	---
Eh (Ref. to Calomel[c]	mv	210	-90	-60	-45	-40	165	-35.	80.
Iron (Dis)	mg/L	0.1	<.1	<.5	<0.5	<0.10	.07	0.052	---
Magnesium (Dis)[c]	mg/L	120	124	120	179	165	109	107.	118.
Manganese (Dis)	mg/L	0.4[b]	0.3[b]	<.5	<0.5	0.26[b]	.27[b]	0.47[b]	---
Molybdenum (Dis)	mg/L	10.6[b]	9.17[b]	9.08[b]	13.5[b]	19.4[b]	8.34[b]	98.[b]	9.2[b]
Oxygen[c]	mg/L	---	1.1	---	---	---	---	---	---
pH		7.9	7.8	8.0	8.1	7.5	8.1	8.2	7.3
Phosphate[c]	mg/L	---	---	---	---	---	0.8	---	---
Potassium (Dis)[c]	mg/L	200	188	208	274	234	154	164.	182.
Radium-226	pCi/L	32[b]	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	1.62[b]	1.53[b]	1.44[b]	3.06[b]	1.9[b]	2.9[b]	1.6[b]	3.0[b]
Silicon[c]	mg/L	10.25	10.7	25	14	12.8	10.5	11.	---
Sodium (Dis)[c]	mg/L	3240	3560	3650	3940	4080	2806	3020.	2740.
Sp. Cond.[c]	µmhos/cm	12330	13440	13920	14750	12810	13640	11790.	8000.
Sulfate	mg/L	4200[b]	4300[b]	4850[b]	4800[b]	4800[b]	3600[b]	3520.[b]	3320.[b]
Temperature[c]	deg C	6.5	11	17	16	14	14.5	12.	12.5
Uranium (Dis)	pCi/L	1998[b]	1931.4[b]	2664[b]	1332[b]	1198.8[b]	1931.4[b]	1332[b]	1731.6[b]
Vanadium (Dis)[c]	mg/L	<0.05	131	135	144	153	118	6.2	101.
Zinc (Dis)	mg/L	<0.10	0.06	0.43	1.26	0.33	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-42

Chemical Name	Unit	MMH-191 1984/04/18	MMH-248 1984/05/21	MMH-380 1984/07/23	MMH-660 1984/09/24	MMH-737 1984/10/29	MMW-669 1985/04/09	MMW-491 1985/10/14	MMY-596 1986/06/02
Alkalinity[c]	mg/L	330	248	290	289	322	311	283	310.
Aluminum (Dis)	mg/L	0.29[b]	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	<0.010	0.013
Barium (Dis)	mg/L	0.14	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<0.10
Calcium (Dis)[c]	mg/L	150	146	144	163	132	155	135	147.
Chloride	mg/L	16	43	16	16	9	17	9.4	8.9
Depth To Water[c]	feet	38.83	38.79	40.42	41.12	41.23	37.92	---	---
Eh (Ref. to Calomel[c]	mv	-85	230	180	-10	110	---	50	30.
Iron (Dis)	mg/L	2.9[b]	0.1	<.5	0.8[b]	1.06[b]	2.2[b]	.38[b]	1.8[b]
Magnesium (Dis)[c]	mg/L	30	22	22	23.7	19.9	24.5	21.7	22.
Manganese (Dis)	mg/L	3.0[b]	2.0[b]	1.5[b]	2.0[b]	1.59[b]	1.86[b]	.81[b]	0.44[b]
Molybdenum (Dis)	mg/L	<0.05	0.085	<0.05	<0.05	0.06	<.05	<.01	<0.050
pH		7.1	7.1	6.9	7.4	---	6.7	7.1	7.0
Phosphate[c]	mg/L	---	---	---	---	---	---	<0.1	---
Potassium (Dis)[c]	mg/L	5.3	5.7	6.0	6.4	5.6	6.41	4	4.1
Radium-226	pCi/L	23[b]	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	0.011[b]
Silicon[c]	mg/L	7.09	8.9	7	7	7.7	9.4	7.6	9.5
Sodium (Dis)[c]	mg/L	39.7	47.1	43	41.2	38.4	39.9	34.7	39.
Sp. Cond.[c]	µmhos/cm	923	960	889	825	726	843	904	845.
Sulfate	mg/L	220	240	221	210	190	270	196	206.
Temperature[c]	deg C	10	11	11.5	9.5	9	10.5	10	12.5
Uranium (Dis)	pCi/L	266.4[b]	246.42[b]	---	199.8[b]	133.2[b]	133.2[b]	86.58[b]	46.62[b]
Vanadium (Dis)[c]	mg/L	0.06	<0.05	<0.05	<0.05	<0.05	.06	.06	<0.050
Zinc (Dis)	mg/L	<0.10	0.06	1.13	0.06	0.26	<.05	<.005	<0.010

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-42

Chemical Name	Unit	MMZ-200 1986/10/20	MMZ-184 1986/10/20	MMZ-645 1987/05/18
Alkalinity[c]	mg/L	324.	324.	307.
Aluminum (Dis)	mg/L	---	---	---
Arsenic (Dis)	mg/L	<0.005	<0.005	0.005
Barium (Dis)	mg/L	---	---	---
Calcium (Dis)[c]	mg/L	154.	154.	182.
Chloride	mg/L	13.9	14.5	18.4
Depth To Water[c]	feet	39.21	39.21	---
Eh (Ref. to Calomel[c]	mv	160.	160.	135.
Iron (Dis)	mg/L	---	---	0.16
Magnesium (Dis)[c]	mg/L	22.	22.	25.6
Manganese (Dis)	mg/L	---	---	0.390[b]
Molybdenum (Dis)	mg/L	<0.050	<0.050	<0.050
pH		7.15	7.15	6.9
Phosphate[c]	mg/L	---	---	---
Potassium (Dis)[c]	mg/L	4.2	4.2	4.00
Radium-226	pCi/L	---	---	---
Selenium (Dis)	mg/L	<0.005	0.021[b]	<0.005
Silicon[c]	mg/L	---	---	---
Sodium (Dis)[c]	mg/L	33.	36.	34.
Sp. Cond.[c]	µmhos/cm	700.	700.	973.
Sulfate	mg/L	235.	245.	277.
Temperature[c]	deg C	10.	10.	13.
Uranium (Dis)	pCi/L	61.272[b]	59.94[b]	41.958[b]
Vanadium (Dis)[c]	mg/L	0.124	0.133	0.15
Zinc (Dis)	mg/L	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	<.001
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	<1.
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	<.001
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	<1.
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	<.001
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	<10
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	<10
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	<.001
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	<1.
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	<.001
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	<10
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	<10
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	<0.20
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	<0.20
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	<50
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	<10
2,4-D[c]	µg/L	---	---	---	---	---	---	---	<0.25
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	<0.25
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	<10
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	<10
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	<50
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	<10
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	<10
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	<2.
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	<10
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	<10
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	<2.
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	<10
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	<10
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	<50
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	<10
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	<20
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	<50

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
1,1,1-Trichloroetha	mg/L	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	<1	---
1,1,2-Trichloroetha	mg/L	<.001	---
1,1-Dichloroethane[c]	µg/L	<1	---
1,1-Dichloroethene	mg/L	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	<1	---
1,2-Dichlorobenzene[c]	µg/L	---	---
1,2-Dichloroethane	mg/L	<.001	---
1,2-Dichloroethene[c]	µg/L	---	---
1,2-Dichloropropane	mg/L	<.001	---
1,3-Dichlorobenzene[c]	µg/L	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---
2,4,5-T[c]	µg/L	---	---
2,4,5-TP (Silvex)	µg/L	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---
2,4-D[c]	µg/L	---	---
2,4-DB[c]	µg/L	---	---
2,4-Dichlorophenol[c]	µg/L	---	---
2,4-Dimethylphenol[c]	µg/L	---	---
2,4-Dinitrophenol[c]	µg/L	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---
2-Butanone[c]	µg/L	<2	---
2-Chloronaphthalene[c]	µg/L	---	---
2-Chlorophenol[c]	µg/L	---	---
2-Hexanone[c]	µg/L	<2	---
2-Methylnaphthalene[c]	µg/L	---	---
2-Methylphenol[c]	µg/L	---	---
2-Nitroaniline[c]	µg/L	---	---
2-Nitrophenol[c]	µg/L	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---
3-Nitroaniline[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	227	228	269	307.	192.	295.	279.	295
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.10	<.1	<0.10	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	<0.10
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	<0.10
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	<0.10
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	<50
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	<10
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	<10
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	<10
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	<10
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	<2.
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	<10
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	<50
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	<50
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	<10
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	<10
Acetone[c]	µg/L	---	---	---	---	---	---	---	<2.
Aldrin[c]	µg/L	---	---	---	---	---	---	---	<0.05
Alkalinity[c]	mg/L	346	268	---	349	246	---	281	288
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	<0.05
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	.2
Anthracene[c]	µg/L	---	---	---	---	---	---	---	<10
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	<0.50
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	<0.50
Arsenic (Dis)	mg/L	<0.005	<0.010	<0.01	<0.01	<0.010	<0.010	<0.010	<.01
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	<.001
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	<10
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	<10

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
4,4'-DDD[c]	µg/L	---	---
4,4'-DDE[c]	µg/L	---	---
4,4'-DDT[c]	µg/L	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---
4-Chloro-3-methylph[c]	µg/L	---	---
4-Chloroaniline[c]	µg/L	---	---
4-Chlorophenylpheny[c]	µg/L	---	---
4-Methyl-2-Pentanon[c]	µg/L	<2	---
4-Methylphenol[c]	µg/L	---	---
4-Nitroaniline[c]	µg/L	---	---
4-Nitrophenol[c]	µg/L	---	---
Acenaphthene[c]	µg/L	---	---
Acenaphthylene[c]	µg/L	---	---
Acetone[c]	µg/L	<2	---
Aldrin[c]	µg/L	---	---
Alkalinity[c]	mg/L	131	262
alpha-BHC[c]	µg/L	---	---
alpha-Chlordane[c]	µg/L	---	---
Aluminum (Dis)	mg/L	---	---
Ammonia as Nitrogen[c]	mg/L	---	---
Anthracene[c]	µg/L	---	---
Aroclor-1016[c]	µg/L	---	---
Aroclor-1221[c]	µg/L	---	---
Aroclor-1232[c]	µg/L	---	---
Aroclor-1242[c]	µg/L	---	---
Aroclor-1248[c]	µg/L	---	---
Aroclor-1254[c]	µg/L	---	---
Aroclor-1260[c]	µg/L	---	---
Arsenic (Dis)	mg/L	<.003	<.002
Barium (Dis)	mg/L	---	---
Benzene	mg/L	<.001	---
Benzo(a)anthracene[c]	µg/L	---	---
Benzo(a)pyrene[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	g/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	96.9	99.2	120	170.	269.	196.	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	5	4	7.4	11.4	14.3	11.1	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	8.02	9.21	10.9166	---	10.2	---	---	8.5
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	<10
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	<10
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	<10
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	<50
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	<10
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	<0.05
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	<10
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	<10
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	<10
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	<10
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	<.001
Bromoform	mg/L	---	---	---	---	---	---	---	<.001
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	<2.
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	<10
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	<1.
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	<.001
Chloride	mg/L	---	---	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	<1.
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	<2.
Chloroform	mg/L	---	---	---	---	---	---	---	<.001
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	<2.
Chrysene[c]	µg/L	---	---	---	---	---	---	---	<10
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	<1.
Dalapon[c]	µg/L	---	---	---	---	---	---	---	<5.0
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	<0.05
Depth To Water[c]	feet	9.08	9.15	---	10.55	8.89	---	9.94	8.33
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	<10
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	<10
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	<10
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	<10
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	<.001
Dicamba[c]	µg/L	---	---	---	---	---	---	---	<0.25
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	<0.10

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
Benzo(b)fluoranthen[c]	µg/L	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---
Benzoic Acid[c]	µg/L	---	---
Benzyl Alcohol[c]	µg/L	---	---
beta-BHC[c]	µg/L	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---
bis(2-chloroisoprop[c]	µg/L	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---
Bromodichloromethan	mg/L	<.001	---
Bromoform	mg/L	<.001	---
Bromomethane[c]	µg/L	<2	---
Butylbenzylphthalat[c]	µg/L	---	---
Calcium (Dis)[c]	mg/L	---	---
Carbon Disulfide[c]	µg/L	<1	---
Carbon Tetrachlorid	mg/L	<.001	---
Chloride	mg/L	---	---
Chlorobenzene[c]	µg/L	<1	---
Chloroethane[c]	µg/L	<2	---
Chloroform	mg/L	<.001	---
Chloromethane[c]	µg/L	<2	---
Chrysene[c]	µg/L	---	---
cis-1,3-Dichloropro[c]	µg/L	<1	---
Dalapon[c]	µg/L	---	---
delta-BHC[c]	µg/L	---	---
Depth To Water[c]	feet	---	7.38
di-n-Butylphthalate[c]	µg/L	---	---
di-n-Octylphthalate[c]	µg/L	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---
Dibenzofuran[c]	µg/L	---	---
Dibromochloromethan	mg/L	<.001	---
Dicamba[c]	µg/L	---	---
Dieldrin[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-10	140	150	110.	85.	140.	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	9.7	<46
Gross Beta	mrem/yr	---	---	---	---	---	---	---	<5.624
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.9[b]	0.1	.06	0.19	---	<0.10	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	14.2	14	19.8	24.	37.	25.0	---	---
Manganese (Dis)	mg/L	0.5[b]	0.2[b]	.32[b]	0.27[b]	---	0.078[b]	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.050	<.01	<0.050	<0.050	<0.050	<0.05	<0.05
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	<10
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	<10
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	<0.10
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	<0.05
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	<0.10
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	<0.10
Endrin	mg/L	---	---	---	---	---	---	---	<.0001
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	<0.10
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	<0.10
Ethylbenzene	mg/L	---	---	---	---	---	---	---	<.001
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	<10
Fluorene[c]	µg/L	---	---	---	---	---	---	---	<10
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	<.00005
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	<0.50
Gross Alpha	pCi/L	<26	<48	<54	<54	<43	<43	<63	<39
Gross Beta	mrem/yr	<1.48	<2.738	<2.146	<2.146	<2.516	<2.516	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	<0.05
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	<0.05
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	<10
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	<10
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	<10
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	<10
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	<10
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	<10
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	<250
MCPP[c]	µg/L	---	---	---	---	---	---	---	<200
Methoxychlor	mg/L	---	---	---	---	---	---	---	<.00005
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	<1.
Molybdenum (Dis)	mg/L	<0.050	<0.010	<0.01	<0.01	<0.010	<0.010	<0.01	.012
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	<10

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
Diethylphthalate[c]	µg/L	---	---
Dimethylphthalate[c]	µg/L	---	---
Dinoseb[c]	µg/L	---	---
Eh (Ref. to Calomel[c]	mv	---	---
Endosulfan I[c]	µg/L	---	---
Endosulfan II[c]	µg/L	---	---
Endosulfan Sulfate[c]	µg/L	---	---
Endrin	mg/L	---	---
Endrin aldehyde[c]	µg/L	---	---
Endrin Ketone[c]	µg/L	---	---
Ethylbenzene	mg/L	<.001	---
Fluoranthene[c]	µg/L	---	---
Fluorene[c]	µg/L	---	---
gamma-BHC (Lindane)	mg/L	---	---
gamma-Chlordane[c]	µg/L	---	---
Gross Alpha	pCi/L	<40	<20
Gross Beta	mrem/yr	---	---
Heptachlor[c]	µg/L	---	---
Heptachlor Epoxide[c]	µg/L	---	---
Hexachlorobenzene[c]	µg/L	---	---
Hexachlorobutadiene[c]	µg/L	---	---
Hexachlorocyclopent[c]	µg/L	---	---
Hexachloroethane[c]	µg/L	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---
Iron (Dis)	mg/L	---	---
Isophorone[c]	µg/L	---	---
Magnesium (Dis)[c]	mg/L	---	---
Manganese (Dis)	mg/L	---	---
MCPA[c]	µg/L	---	---
MCPP[c]	µg/L	---	---
Methoxychlor	mg/L	---	---
Methylene Chloride[c]	µg/L	<1	---
Molybdenum (Dis)	mg/L	<.018	<.021
n-Nitroso-di-n-prop[c]	µg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	3.1	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.2	7.2	7.0	7.1	6.75	6.9	6.8	6.63
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	<0.1	---	---	---	---	---
Potassium (Dis)[c]	mg/L	1.6	1.8	2	2.0	2.6	2.00	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	---	---	---	<0.1	0.1
Radium-228	pCi/L	---	---	---	---	---	---	<1.	<0.7
Selenium (Dis)	mg/L	<0.01	<0.01	<0.005	0.010	0.006	<0.005	0.010	<0.005
Silicon[c]	mg/L	6.61	6.4	6.9	9.8	---	---	---	---
Sodium (Dis)[c]	mg/L	17.4	20.6	28.8	42.	32.	34.	---	---
Sp. Cond.[c]	µmhos/cm	612	563	824	966.	1000.	1006.	2440.	2310
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	110	100	15.7	266.	591.[b]	349.	---	---
Temperature[c]	deg C	7	11	11	10.	10.	9.	9.5	8.0
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	7.326	7.326	5.994	8.658	12.654	7.326	13.32	13.32
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.01	<0.050	<0.050	<0.050	<0.05	<0.05
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	<10
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	<10
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	<10
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	<1.
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	<50
pH		6.80	6.75	---	6.52	7.00	---	7.19	6.89
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	<10
Phenol[c]	µg/L	---	---	---	---	---	---	---	<10
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	<10
Radium-226	pCi/L	<0.1	<0.2	<0.1	0.0	<0.1	<0.2	0.3	<.1
Radium-228	pCi/L	<1.3	<3.0	<2.0	<2.0	<1	<2	<2	<2
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<.005
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	2760	2460	---	2130	2260	---	2080	1675
Styrene	mg/L	---	---	---	---	---	---	---	<.001
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	eg C	10.2	8.5	---	9.9	8.1	---	10.8	7.1
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	<.001
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	<.001
Toxaphene	mg/L	---	---	---	---	---	---	---	<.001
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	<1.
Trichloroethene	mg/L	---	---	---	---	---	---	---	<.001
Uranium (Dis)	pCi/L	14.652	13.32	12.654	12.654	6.66	8.658	---	---
Uranium-234	pCi/L	---	---	---	---	---	---	6.2	5.5
Uranium-238	pCi/L	---	---	---	---	---	---	4.6	3.1
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	<0.05	<0.050	<0.050	<0.05	<.05
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	<2.
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	<.002

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
n-Nitrosodiphenylam[c]	µg/L	---	---
Naphthalene (ACN) ([c]	µg/L	---	---
Nitrobenzene[c]	µg/L	---	---
o-Xylene[c]	µg/L	<1	---
Oxygen[c]	mg/L	---	---
Pentachlorophenol[c]	µg/L	---	---
pH		6.76	7.00
Phenanthrene[c]	µg/L	---	---
Phenol[c]	µg/L	---	---
Phosphate[c]	mg/L	---	---
Potassium (Dis)[c]	mg/L	---	---
Pyrene[c]	µg/L	---	---
Radium-226	pCi/L	.1	0.1
Radium-228	pCi/L	<2	<2
Selenium (Dis)	mg/L	<.002	<.002
Silicon[c]	mg/L	---	---
Sodium (Dis)[c]	mg/L	---	---
Sp. Cond.[c]	µmhos/cm	1703	1099
Styrene	mg/L	<.001	---
Sulfate	mg/L	---	---
Temperature[c]	deg C	10.5	7.4
Tetrachloroethene	mg/L	<.001	---
Thorium-230[c]	pCi/L	<.7	<0.14
Toluene	mg/L	<.001	---
Toxaphene	mg/L	---	---
trans-1,2-Dichloroe	mg/L	<.001	---
trans-1,3-Dichlorop[c]	µg/L	<1	---
Trichloroethene	mg/L	<.001	---
Uranium (Dis)	pCi/L	---	---
Uranium-234	pCi/L	5.2	3.7
Uranium-238	pCi/L	2.5	2.2
Vanadium (Dis)[c]	mg/L	<.01	<.007
Vinyl Acetate[c]	µg/L	<2	---
Vinyl Chloride	mg/L	<.002	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMH-102 1984/03/19	MMH-227 1984/05/21	MMW-462 1985/10/14	MMY-600 1986/06/02	MMZ-185 1986/10/20	MMZ-627 1987/05/18	MMZ-559 1987/10/13	MMX-734 1988/04/14
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.1	0.11	<.005	<0.010	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MMX-984 1988/10/17	MCL-259 1989/05/09	MLZ-625 1989/10/18	MLZ-617 1989/10/18	MLY-007 1990/04/11	MLY-020 1990/04/11	MLY-157 1990/10/17	MLY-390 1991/06/24
Xylene	mg/L	---	---	---	---	---	---	---	<.001
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-43

Chemical Name	Unit	MLY-517 1991/10/20	MLY-695 1992/04/14
Xylene	mg/L	<.001	---
Zinc (Dis)	mg/L	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMH-103 1984/03/19	MMH-180 1984/04/18	MMH-229 1984/05/21	MMH-353 1984/07/23	MMH-629 1984/09/24	MMH-722 1984/10/29	MMW-659 1985/04/09	MMW-463 1985/10/14
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMY-594 1986/06/02	MMZ-186 1986/10/20	MLY-386 1991/06/24	MLY-509 1991/10/20
1,1,1-Trichloroetha	mg/L	---	---	<.001	<.001
1,1,2,2-Tetrachloro[c]	µg/L	---	---	<1.	<1
1,1,2-Trichloroetha	mg/L	---	---	<.001	<.001
1,1-Dichloroethane[c]	µg/L	---	---	<1.	<1
1,1-Dichloroethene	mg/L	---	---	<.001	<.001
1,2,4-Trichlorobenz[c]	µg/L	---	---	<10	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	<1
1,2-Dichlorobenzene[c]	µg/L	---	---	<10	---
1,2-Dichloroethane	mg/L	---	---	<.001	<.001
1,2-Dichloroethene[c]	µg/L	---	---	<1.	---
1,2-Dichloropropane	mg/L	---	---	<.001	<.001
1,3-Dichlorobenzene[c]	µg/L	---	---	<10	---
1,4-Dichlorobenzene[c]	µg/L	---	---	<10	---
2,4,5-T[c]	µg/L	---	---	<0.20	---
2,4,5-TP (Silvex)	µg/L	---	---	<0.20	---
2,4,5-Trichlorophen[c]	µg/L	---	---	<50	---
2,4,6-Trichlorophen[c]	µg/L	---	---	<10	---
2,4-D[c]	µg/L	---	---	<0.25	---
2,4-DB[c]	µg/L	---	---	<0.25	---
2,4-Dichlorophenol[c]	µg/L	---	---	<10	---
2,4-Dimethylphenol[c]	µg/L	---	---	<10	---
2,4-Dinitrophenol[c]	µg/L	---	---	<50	---
2,4-Dinitrotoluene[c]	µg/L	---	---	<10	---
2,6-Dinitrotoluene[c]	µg/L	---	---	<10	---
2-Butanone[c]	µg/L	---	---	<2.	<2
2-Chloronaphthalene[c]	µg/L	---	---	<10	---
2-Chlorophenol[c]	µg/L	---	---	<10	---
2-Hexanone[c]	µg/L	---	---	<2.	<2
2-Methylnaphthalene[c]	µg/L	---	---	<10	---
2-Methylphenol[c]	µg/L	---	---	<10	---
2-Nitroaniline[c]	µg/L	---	---	<50	---
2-Nitrophenol[c]	µg/L	---	---	<10	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	<20	---
3-Nitroaniline[c]	µg/L	---	---	<50	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMH-103 1984/03/19	MMH-180 1984/04/18	MMH-229 1984/05/21	MMH-353 1984/07/23	MMH-629 1984/09/24	MMH-722 1984/10/29	MMW-659 1985/04/09	MMW-463 1985/10/14
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	µg/L	257	300	259	317	220	299	315	296
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	<0.010
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMY-594 1986/06/02	MMZ-186 1986/10/20	MLY-386 1991/06/24	MLY-509 1991/10/20
4,4'-DDD[c]	µg/L	---	---	<0.10	---
4,4'-DDE[c]	µg/L	---	---	<0.10	---
4,4'-DDT[c]	µg/L	---	---	<0.10	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	<50	---
4-Bromophenyl-pheny[c]	µg/L	---	---	<10	---
4-Chloro-3-methylph[c]	µg/L	---	---	<10	---
4-Chloroaniline[c]	µg/L	---	---	<10	---
4-Chlorophenylpheny[c]	µg/L	---	---	<10	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	<2.	<2
4-Methylphenol[c]	µg/L	---	---	<10	---
4-Nitroaniline[c]	µg/L	---	---	<50	---
4-Nitrophenol[c]	µg/L	---	---	<50	---
Acenaphthene[c]	µg/L	---	---	<10	---
Acenaphthylene[c]	µg/L	---	---	<10	---
Acetone[c]	µg/L	---	---	<2.	<2
Aldrin[c]	µg/L	---	---	<0.05	---
Alkalinity[c]	mg/L	285.	230.	236	357
alpha-BHC[c]	µg/L	---	---	<0.05	---
alpha-Chlordane[c]	µg/L	---	---	<0.50	---
Aluminum (Dis)	mg/L	---	---	---	---
Anthracene[c]	µg/L	---	---	<10	---
Aroclor-1016[c]	µg/L	---	---	<0.50	---
Aroclor-1221[c]	µg/L	---	---	<0.50	---
Aroclor-1232[c]	µg/L	---	---	<0.50	---
Aroclor-1242[c]	µg/L	---	---	<0.50	---
Aroclor-1248[c]	µg/L	---	---	<0.50	---
Aroclor-1254[c]	µg/L	---	---	<0.50	---
Aroclor-1260[c]	µg/L	---	---	<0.50	---
Arsenic (Dis)	mg/L	<0.005	<0.005	---	---
Barium (Dis)	mg/L	<0.10	---	---	---
Benzene	mg/L	---	---	<.001	<.001
Benzo(a)anthracene[c]	µg/L	---	---	<10	---
Benzo(a)pyrene[c]	µg/L	---	---	<10	---
Benzo(b)fluoranthen[c]	µg/L	---	---	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMH-103 1984/03/19	MMH-180 1984/04/18	MMH-229 1984/05/21	MMH-353 1984/07/23	MMH-629 1984/09/24	MMH-722 1984/10/29	MMW-659 1985/04/09	MMW-463 1985/10/14
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	123	140	132	138	148	154	139	170
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	9	9	7	9.4	10	10	14	11.1
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	10.25	10.94	11.29	18.71	14.87	15.04	10.04	13.2291
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMY-594 1986/06/02	MMZ-186 1986/10/20	MLY-386 1991/06/24	MLY-509 1991/10/20
Benzo(g,h,i)perylen[c]	µg/L	---	---	<10	---
Benzo(k)fluoranthen[c]	µg/L	---	---	<10	---
Benzoic Acid[c]	µg/L	---	---	<50	---
Benzyl Alcohol[c]	µg/L	---	---	<10	---
beta-BHC[c]	µg/L	---	---	<0.05	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	<10	---
bis(2-chloroisoprop[c]	µg/L	---	---	<10	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	<10	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	<10	---
Bromodichloromethan	mg/L	---	---	<.001	<.001
Bromoform	mg/L	---	---	<.001	<.001
Bromomethane[c]	µg/L	---	---	<2.	<2
Butylbenzylphthalat[c]	µg/L	---	---	<10	---
Calcium (Dis)[c]	mg/L	146.	192.	---	---
Carbon Disulfide[c]	µg/L	---	---	<1.	<1
Carbon Tetrachlorid	mg/L	---	---	<.001	<.001
Chloride	mg/L	9.9	10.5	---	---
Chlorobenzene[c]	µg/L	---	---	<1.	<1
Chloroethane[c]	µg/L	---	---	<2.	<2
Chloroform	mg/L	---	---	<.001	<.001
Chloromethane[c]	µg/L	---	---	<2.	<2
Chrysene[c]	µg/L	---	---	<10	---
cis-1,3-Dichloropro[c]	µg/L	---	---	<1.	<1
Dalapon[c]	µg/L	---	---	<5.0	---
delta-BHC[c]	µg/L	---	---	<0.05	---
Depth To Water[c]	eet	---	12.35	10.47	---
di-n-Butylphthalate[c]	µg/L	---	---	<10	---
di-n-Octylphthalate[c]	µg/L	---	---	<10	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	<10	---
Dibenzofuran[c]	µg/L	---	---	<10	---
Dibromochloromethan	mg/L	---	---	<.001	<.001
Dicamba[c]	µg/L	---	---	<0.25	---
Dieldrin[c]	µg/L	---	---	<0.10	---
Diethylphthalate[c]	µg/L	---	---	<10	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMH-103 1984/03/19	MMH-180 1984/04/18	MMH-229 1984/05/21	MMH-353 1984/07/23	MMH-629 1984/09/24	MMH-722 1984/10/29	MMW-659 1985/04/09	MMW-463 1985/10/14
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-20	-90	50	130	-35	150	---	60
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.9[b]	2.2[b]	0.2	.5[b]	0.9[b]	0.56[b]	.8[b]	.18
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	20.1	21.4	20	21	22.5	24.0	23.2	25.1
Manganese (Dis)	mg/L	0.8[b]	1.0[b]	0.3[b]	<.5	<0.5	0.28[b]	.36[b]	.10[b]
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.05	0.07	<0.050	<0.05	<0.05	<0.05	<.05	<.01
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---

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Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMY-594 1986/06/02	MMZ-186 1986/10/20	MLY-386 1991/06/24	MLY-509 1991/10/20
Dimethylphthalate[c]	µg/L	---	---	<10	---
Dinoseb[c]	µg/L	---	---	<0.10	---
Eh (Ref. to Calomel[c]	mv	-70.	50.	---	---
Endosulfan I[c]	µg/L	---	---	<0.05	---
Endosulfan II[c]	µg/L	---	---	<0.10	---
Endosulfan Sulfate[c]	µg/L	---	---	<0.10	---
Endrin	mg/L	---	---	<.0001	---
Endrin aldehyde[c]	µg/L	---	---	<0.10	---
Endrin Ketone[c]	µg/L	---	---	<0.10	---
Ethylbenzene	mg/L	---	---	<.001	<.001
Fluoranthene[c]	µg/L	---	---	<10	---
Fluorene[c]	µg/L	---	---	<10	---
gamma-BHC (Lindane)	mg/L	---	---	<.00005	---
gamma-Chlordane[c]	µg/L	---	---	<0.50	---
Heptachlor[c]	µg/L	---	---	<0.05	---
Heptachlor Epoxide[c]	µg/L	---	---	<0.05	---
Hexachlorobenzene[c]	µg/L	---	---	<10	---
Hexachlorobutadiene[c]	µg/L	---	---	<10	---
Hexachlorocyclopent[c]	µg/L	---	---	<10	---
Hexachloroethane[c]	µg/L	---	---	<10	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	<10	---
Iron (Dis)	mg/L	0.44[b]	---	---	---
Isophorone[c]	µg/L	---	---	<10	---
Magnesium (Dis)[c]	mg/L	23.	28.	---	---
Manganese (Dis)	mg/L	0.16[b]	---	---	---
MCPA[c]	µg/L	---	---	<250	---
MCPP[c]	µg/L	---	---	<200	---
Methoxychlor	mg/L	---	---	<.00005	---
Methylene Chloride[c]	µg/L	---	---	<1.	<1
Molybdenum (Dis)	mg/L	<0.050	<0.050	---	---
n-Nitroso-di-n-prop[c]	µg/L	---	---	<10	---
n-Nitrosodiphenylam[c]	µg/L	---	---	<10	---
Naphthalene (ACN) ([c]	µg/L	---	---	<10	---
Nitrobenzene[c]	µg/L	---	---	<10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMH-103 1984/03/19	MMH-180 1984/04/18	MMH-229 1984/05/21	MMH-353 1984/07/23	MMH-629 1984/09/24	MMH-722 1984/10/29	MMW-659 1985/04/09	MMW-463 1985/10/14
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	---	3.1	2.6	1.2	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.4	7.4	7.2	7.05	6.9	7.6	6.0[b]	6.9
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	<0.1
Potassium (Dis)[c]	mg/L	2.5	2.61	2.5	2.4	2.8	3.1	2.62	2
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	<2	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005
Silicon[c]	mg/L	7.20	7.15	7.3	7	8	7.3	6.8	7.4
Sodium (Dis)[c]	mg/L	24.7	29.7	26.3	29	24.0	28.2	29.7	27.0
Sp. Cond.[c]	µmhos/cm	816	845	721	780	832	774	822	1001
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	200	177	180	197	230	240	200	234
Temperature[c]	deg C	7	11	9.5	10	11	10.5	10.5	10
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	4.662	6.66	5.328	6.66	6.66	6.66	5.994	5.994
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.01
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.1	<0.10	0.40	5.02[b]	0.67	0.29	<.05	<.005

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-44

Chemical Name	Unit	MMY-594 1986/06/02	MMZ-186 1986/10/20	MLY-386 1991/06/24	MLY-509 1991/10/20
o-Xylene[c]	µg/L	---	---	---	<1
Oxygen[c]	mg/L	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	<50	---
pH		7.2	6.75	7.19	6.98
Phenanthrene[c]	µg/L	---	---	<10	---
Phenol[c]	µg/L	---	---	<10	---
Phosphate[c]	mg/L	---	---	---	---
Potassium (Dis)[c]	mg/L	2.4	2.8	---	---
Pyrene[c]	µg/L	---	---	<10	---
Radium-226	pCi/L	---	---	---	---
Selenium (Dis)	mg/L	<0.005	<0.005	---	---
Silicon[c]	mg/L	9.4	---	---	---
Sodium (Dis)[c]	mg/L	36.	32.	---	---
Sp. Cond.[c]	µmhos/cm	897.	800.	895	1159
Styrene	mg/L	---	---	<.001	<.001
Sulfate	mg/L	217.	346.	---	---
Temperature[c]	deg C	10.	11.	8.8	10
Tetrachloroethene	mg/L	---	---	<.001	<.001
Toluene	mg/L	---	---	<.001	<.001
Toxaphene	mg/L	---	---	<.001	---
trans-1,2-Dichloroe	mg/L	---	---	---	<.001
trans-1,3-Dichlorop[c]	µg/L	---	---	<1.	<1
Trichloroethene	mg/L	---	---	<.001	<.001
Uranium (Dis)	pCi/L	5.994	7.992	---	---
Vanadium (Dis)[c]	mg/L	<0.050	<0.050	---	---
Vinyl Acetate[c]	µg/L	---	---	<2.	<2
Vinyl Chloride	mg/L	---	---	<.002	<.002
Xylene	mg/L	---	---	<.001	<.001
Zinc (Dis)	mg/L	<0.010	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45 (Lower)

Chemical Name	Unit	MMH-724 1984/10/29	MMZ-635 1987/05/18
Alkalinity[c]	mg/L	378	380.
Arsenic (Dis)	mg/L	<0.010	0.005
Barium (Dis)	mg/L	<0.1	---
Calcium (Dis)[c]	mg/L	95.7	176.
Chloride	mg/L	14	21.2
Eh (Ref. to Calomel[c]	mv	-100	-70.
Iron (Dis)	mg/L	1.84[b]	4.6[b]
Lead-210[c]	pCi/L	<1.5	---
Magnesium (Dis)[c]	mg/L	17.8	29.3
Manganese (Dis)	mg/L	3.33[b]	5.15[b]
Molybdenum (Dis)	mg/L	<0.05	<0.050
pH		7.7	6.8
Potassium (Dis)[c]	mg/L	8.1	6.60
Radium-226	pCi/L	<2	---
Selenium (Dis)	mg/L	<0.010	<0.005
Silicon[c]	mg/L	8.8	---
Sodium (Dis)[c]	mg/L	134	75.
Sp. Cond.[c]	µmhos/cm	930	1160.
Sulfate	mg/L	230	340.
Temperature[c]	deg C	13	11.
Thorium-230[c]	pCi/L	<1	---
Uranium (Dis)	pCi/L	66.6[b]	55.278[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.050
Zinc (Dis)	mg/L	0.27	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45 (Upper)

Chemical Name	Unit	MMH-247 1984/05/21	MMH-376 1984/07/23	MMH-628 1984/09/24	MMH-636 1984/09/24	MMW-485 1985/10/14	MMY-590 1986/06/02	MMZ-187 1986/10/20
Alkalinity[c]	mg/L	433	382	400	400	392	372.	258.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<.01	<0.010	0.005	<0.005
Barium (Dis)	mg/L	<0.01	<0.1	<0.1	<0.1	<.1	0.12	---
Calcium (Dis)[c]	mg/L	86.5	88	105	97.1	114	168.	156.
Chloride	mg/L	29	23	12	15	16.1	29.5	18.5
Depth To Water[c]	feet	---	18	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-120	-130	35	35	-195	-100.	-30.
Iron (Dis)	mg/L	1.2[b]	1.2[b]	1.8[b]	1.6[b]	2.38[b]	3.9[b]	---
Lead-210[c]	pCi/L	<1.5	---	<1.5	<1.5	---	---	---
Magnesium (Dis)[c]	mg/L	14	16	23.0	17.5	21.7	30.	25.
Manganese (Dis)	mg/L	2.2[b]	2.5[b]	3.3[b]	3.1[b]	3.54[b]	5.0[b]	---
Molybdenum (Dis)	mg/L	0.113[b]	<0.05	<0.05	<0.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	1.6	---	---	---	---	---	---
pH		7.4	7.4	7.4	7.4	7.0	7.2	6.8
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	10.0	6.8	6.8	7.6	6	6.8	7.1
Radium-226	pCi/L	<2.0	---	<2	<2	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005
Silicon[c]	mg/L	8.9	7	10	9	7.7	7.7	---
Sodium (Dis)[c]	mg/L	203	183	101	137	84.2	78.	68.
Sp. Cond.[c]	µmhos/cm	1292	1250	1054	1054	1201	1179.	900.
Sulfate	mg/L	280	293	230	240	253	315.	281.
Temperature[c]	deg C	12	12.5	13	13	12	12.	12.5
Thorium-230[c]	pCi/L	<1	---	<1	<1	---	---	---
Uranium (Dis)	pCi/L	86.58[b]	85.914[b]	66.6[b]	66.6[b]	43.956[b]	48.618[b]	49.284[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.08	0.09	0.09	0.11	.026	0.17	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45A (Lower)

Chemical Name	Unit	MMH-244 1984/05/21	MMH-378 1984/07/23	MMH-640 1984/09/24	MMW-668 1985/04/09	MMW-489 1985/10/14	MMY-591 1986/06/02	MMZ-214 1986/10/20
Alkalinity[c]	mg/L	350	315	308	356	326	374.	365.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	216	171	163	221	191	238.	200.
Chloride	mg/L	49	21	15	54	19.6	43.1	22.8
Depth To Water[c]	feet	---	22	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-30	-50	20	---	-20	-5.	50.
Iron (Dis)	mg/L	0.9[b]	1.4[b]	1.0[b]	1.5[b]	.96[b]	0.87[b]	---
Magnesium (Dis)[c]	mg/L	35	28	27.3	53.8	33.2	38.	36.
Manganese (Dis)	mg/L	0.3[b]	<.5	<0.5	.36[b]	.24[b]	0.25[b]	---
Molybdenum (Dis)	mg/L	0.077	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	1	1.5	1.0	---	---	---	---
pH		6.9	7.0	7.1	6.6	6.9	7.05	6.8
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	3.40	3.3	3.6	4.36	3	3.8	3.7
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	9.4	8	8	9.8	8.0	8.0	---
Sodium (Dis)[c]	mg/L	48	45	37.2	56.1	40.6	57.	48.
Sp. Cond.[c]	µmhos/cm	1280	1040	909	1340	1202	1323.	950.
Sulfate	mg/L	390	297	250	460	317	417.	402.
Temperature[c]	deg C	11	10	11	9	11	13.5	11.
Uranium (Dis)	Ci/L	61.272[b]	34.632[b]	27.306	47.286[b]	37.962[b]	44.622[b]	35.298[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.09	0.36	0.17	<.05	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45A (Middle)

Chemical Name	Unit	MMH-245 1984/05/21	MMH-379 1984/07/23	MMH-639 1984/09/24	MMW-667 1985/04/09	MMW-488 1985/10/14	MMY-592 1986/06/02	MMZ-189 1986/10/20
Alkalinity[c]	mg/L	379	369	322	363	351	386.	366.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	226	137	158	224	183	242.	202.
Chloride	mg/L	63	28	17	50	18.1	45.3	22.9
Eh (Ref. to Calomel[c]	mv	-25	-140	10	---	60	-20.	100.
Iron (Dis)	mg/L	0.7[b]	5.5[b]	0.9[b]	1.3[b]	.61[b]	0.42[b]	---
Magnesium (Dis)[c]	mg/L	35	26	27.0	42.7	31.6	38.	36.
Manganese (Dis)	mg/L	0.3[b]	1.2[b]	<0.5	.22[b]	.15[b]	0.17[b]	---
Molybdenum (Dis)	mg/L	0.080	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	.7	1.2	---	---	---	---	---
pH		6.9	7.2	7.1	6.6	6.9	7.1	6.6
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	4.79	6.4	3.1	4.40	3	3.8	3.9
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	9.2	9	8	7.4	7.5	7.7	---
Sodium (Dis)[c]	mg/L	48	132	37.8	54.0	39.9	57.	52.
Sp. Cond.[c]	µmhos/cm	1300	1300	945	1340	1202	1344.	950.
Sulfate	mg/L	380	295	250	450	313	427.	424.
Temperature[c]	deg C	10	10	12	9	11	13.	12.
Uranium (Dis)	pCi/L	61.272[b]	49.284[b]	29.304	44.622[b]	36.63[b]	46.62[b]	38.628[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.08	0.79	0.07	<.05	<.005	0.051	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45A (Upper)

Chemical Name	Unit	MMH-246 1984/05/21	MMH-377 1984/07/23	MMH-638 1984/09/24	MMW-666 1985/04/09	MMW-487 1985/10/14	MMY-593 1986/06/02	MMZ-188 1986/10/20
Alkalinity[c]	mg/L	397	304	355	372	383	385.	396.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	0.007	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	144	171	131	159	148	178.	172.
Chloride	mg/L	100	20	26	39	32.3	40.0	29.4
Depth To Water[c]	feet	---	19	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	-125	170	-120	---	-100	-100.	-40.
Iron (Dis)	mg/L	5.0[b]	0.8[b]	5.5[b]	6.0[b]	6.42[b]	5.6[b]	---
Magnesium (Dis)[c]	mg/L	24	28	24.3	34.8	27.4	32.	34.
Manganese (Dis)	mg/L	1.2[b]	<.5	1.4[b]	1.64[b]	1.42[b]	1.6[b]	---
Molybdenum (Dis)	mg/L	0.087	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	.6	1.3	0.6	---	---	---	---
pH		7.2	6.9	7.3	6.5	6.9	7.25	7.0
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	10.6	3.3	6.5	7.68	6	6.5	6.9
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	10.8	8	9	8.2	9.0	8.2	---
Sodium (Dis)[c]	mg/L	154	48	127	109	113	127.	86.
Sp. Cond.[c]	µmhos/cm	1365	1024	1197	1190	1404	1365.	1000.
Sulfate	mg/L	340	295	320	400	357	394.	408.
Temperature[c]	deg C	10	11	12	9.5	11	12.5	12.
Uranium (Dis)	pCi/L	48.618[b]	41.292[b]	35.964[b]	29.97	35.964[b]	37.296[b]	37.296[b]
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.05	0.09	0.07	<.05	<.005	0.069	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	<.001	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	<1.	<1	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	<.001	<.001	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	<1.	<1	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	<.001	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	<10	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	<1	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	<.001	<.001	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	<1.	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	<.001	<.001	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	<10	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	<0.20	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	<0.20	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	<50	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	<10	---	---
2,4-D[c]	µg/L	---	---	---	---	---	<0.25	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	<0.25	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	<10	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	<10	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	<50	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	<10	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	<10	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	<2.	<2	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	<10	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	<10	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	<2.	<2	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	<10	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	<10	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	<10	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	<20	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
1,1,1-Trichloroetha	mg/L	---
1,1,2,2-Tetrachloro[c]	µg/L	---
1,1,2-Trichloroetha	mg/L	---
1,1-Dichloroethane[c]	µg/L	---
1,1-Dichloroethene	mg/L	---
1,2,4-Trichlorobenz[c]	µg/L	---
1,2-dichloro-(Z)-Et[c]	µg/L	---
1,2-Dichlorobenzene[c]	µg/L	---
1,2-Dichloroethane	mg/L	---
1,2-Dichloroethene[c]	µg/L	---
1,2-Dichloropropane	mg/L	---
1,3-Dichlorobenzene[c]	µg/L	---
1,4-Dichlorobenzene[c]	µg/L	---
2,4,5-T[c]	µg/L	---
2,4,5-TP (Silvex)	µg/L	---
2,4,5-Trichlorophen[c]	µg/L	---
2,4,6-Trichlorophen[c]	µg/L	---
2,4-D[c]	µg/L	---
2,4-DB[c]	µg/L	---
2,4-Dichlorophenol[c]	µg/L	---
2,4-Dimethylphenol[c]	µg/L	---
2,4-Dinitrophenol[c]	µg/L	---
2,4-Dinitrotoluene[c]	µg/L	---
2,6-Dinitrotoluene[c]	µg/L	---
2-Butanone[c]	µg/L	---
2-Chloronaphthalene[c]	µg/L	---
2-Chlorophenol[c]	µg/L	---
2-Hexanone[c]	µg/L	---
2-Methylnaphthalene[c]	µg/L	---
2-Methylphenol[c]	µg/L	---
2-Nitroaniline[c]	µg/L	---
2-Nitrophenol[c]	µg/L	---
3,3'-Dichlorobenzid[c]	µg/L	---
3-Nitroaniline[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	269	269	275	265	275	273	302	303
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	<0.010
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<.1	<.1
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	300.	408.	320.	293.	293.	283	---	322
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
4,4'-DDD[c]	µg/L	---	---	---	---	---	<0.10	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	<0.10	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	<0.10	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	<50	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	<10	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	<10	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	<10	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	<10	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	<2.	<2	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	<10	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	<50	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	<50	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	<10	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	<10	---	---
Acetone[c]	µg/L	---	---	---	---	---	<2.	<2	---
Aldrin[c]	µg/L	---	---	---	---	---	<0.05	---	---
Alkalinity[c]	mg/L	322	279	327	304	292	280	128	256
alpha-BHC[c]	µg/L	---	---	---	---	---	<0.05	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	.14	---	---
Anthracene[c]	µg/L	---	---	---	---	---	<10	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	<0.50	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	<0.50	---	---
Arsenic (Dis)	mg/L	<0.005	<0.010	<0.01	<0.010	<0.010	<.01	<.003	<.002
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	<.001	<.001	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	<10	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
4,4'-DDD[c]	µg/L	---
4,4'-DDE[c]	µg/L	---
4,4'-DDT[c]	µg/L	---
4,6-Dinitro-2-Methy[c]	µg/L	---
4-Bromophenyl-pheny[c]	µg/L	---
4-Chloro-3-methylph[c]	µg/L	---
4-Chloroaniline[c]	µg/L	---
4-Chlorophenylpheny[c]	µg/L	---
4-Methyl-2-Pentanon[c]	µg/L	---
4-Methylphenol[c]	µg/L	---
4-Nitroaniline[c]	µg/L	---
4-Nitrophenol[c]	µg/L	---
Acenaphthene[c]	µg/L	---
Acenaphthylene[c]	µg/L	---
Acetone[c]	µg/L	---
Aldrin[c]	µg/L	---
Alkalinity[c]	mg/L	---
alpha-BHC[c]	µg/L	---
alpha-Chlordane[c]	µg/L	---
Aluminum (Dis)	mg/L	---
Ammonia as Nitrogen[c]	mg/L	---
Anthracene[c]	µg/L	---
Aroclor-1016[c]	µg/L	---
Aroclor-1221[c]	µg/L	---
Aroclor-1232[c]	µg/L	---
Aroclor-1242[c]	µg/L	---
Aroclor-1248[c]	µg/L	---
Aroclor-1254[c]	µg/L	---
Aroclor-1260[c]	µg/L	---
Arsenic (Dis)	mg/L	<.002
Barium (Dis)	mg/L	---
Benzene	mg/L	---
Benzo(a)anthracene[c]	µg/L	---
Benzo(a)pyrene[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	150	140	153	138	135	138	162	145
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	10	9	38	9.0	10	8	22	7.8
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	4.6	---	4.75	6.29	7	7.12	4.21	5.71
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	172.	188.	169.	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	17.0	11.1	13.0	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	5.10	---	---	---	3.9	---	4.10
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	<10	---	---
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	<10	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	<10	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	<50	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	<10	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	<0.05	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	<10	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	<10	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	<10	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	<10	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	<.001	<.001	---
Bromoform	mg/L	---	---	---	---	---	<.001	<.001	---
Bromomethane[c]	µg/L	---	---	---	---	---	<2.	<2	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	<10	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	<1.	<1	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	<.001	<.001	---
Chloride	mg/L	---	---	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	<1.	<1	---
Chloroethane[c]	µg/L	---	---	---	---	---	<2.	<2	---
Chloroform	mg/L	---	---	---	---	---	<.001	<.001	---
Chloromethane[c]	µg/L	---	---	---	---	---	<2.	<2	---
Chrysene[c]	µg/L	---	---	---	---	---	<10	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	<1.	<1	---
Dalapon[c]	µg/L	---	---	---	---	---	<5.0	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	<0.05	---	---
Depth To Water[c]	feet	4.10	4.42	5.41	4.55	4.75	3.98	---	3.72
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	<10	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	<10	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	<10	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	<10	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	<.001	<.001	---
Dicamba[c]	µg/L	---	---	---	---	---	<0.25	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	<0.10	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
Benzo(b)fluoranthen[c]	µg/L	---
Benzo(g,h,i)perylen[c]	µg/L	---
Benzo(k)fluoranthen[c]	µg/L	---
Benzoic Acid[c]	µg/L	---
Benzyl Alcohol[c]	µg/L	---
beta-BHC[c]	µg/L	---
bis(2-Chloroethoxy)[c]	µg/L	---
bis(2-chloroisoprop[c]	µg/L	---
bis(2-ethylhexyl)Ph[c]	µg/L	---
bis-(2-Chloroethyl)[c]	µg/L	---
Bromodichloromethan	mg/L	---
Bromoform	mg/L	---
Bromomethane[c]	µg/L	---
Butylbenzylphthalat[c]	µg/L	---
Calcium (Dis)[c]	mg/L	---
Carbon Disulfide[c]	µg/L	---
Carbon Tetrachlorid	mg/L	---
Chloride	mg/L	---
Chlorobenzene[c]	µg/L	---
Chloroethane[c]	µg/L	---
Chloroform	mg/L	---
Chloromethane[c]	µg/L	---
Chrysene[c]	µg/L	---
cis-1,3-Dichloropro[c]	µg/L	---
Dalapon[c]	µg/L	---
delta-BHC[c]	µg/L	---
Depth To Water[c]	feet	---
di-n-Butylphthalate[c]	µg/L	---
di-n-Octylphthalate[c]	µg/L	---
Dibenzo(a,h)anthrac[c]	µg/L	---
Dibenzofuran[c]	µg/L	---
Dibromochloromethan	mg/L	---
Dicamba[c]	µg/L	---
Dieldrin[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	50	50	80	180	15	140	---	140
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.5[b]	0.6[b]	0.1	<.5	<0.5	0.24	.4[b]	<.03
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	20.7	19.6	21	19	19.5	20.7	25.5	23.6
Manganese (Dis)	mg/L	0.7[b]	0.7[b]	0.4[b]	<.5	<0.5	0.34[b]	.20[b]	.14[b]
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.05	0.06	0.186[b]	<0.05	<0.05	<0.05	<.05	<.01
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	100.	70.	190.	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	24.0[b]	26.0[b]	13	37[b]	<13
Gross Beta	mrem/yr	---	---	---	---	---	<1.11	<1.11	1.036
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	0.19	---	0.12	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	24.	27.	23.4	---	---	---	---	---
Manganese (Dis)	mg/L	0.17[b]	---	0.154[b]	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05	<0.050
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "-" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
Diethylphthalate[c]	µg/L	---	---	---	---	---	<10	---	---
Dimethylphthalate[c]	µg/L	---	---	---	---	---	<10	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	<0.10	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	<0.05	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	<0.10	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	<0.10	---	---
Endrin	mg/L	---	---	---	---	---	<.0001	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	<0.10	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	<0.10	---	---
Ethylbenzene	mg/L	---	---	---	---	---	<.001	<.001	---
Fluoranthene[c]	µg/L	---	---	---	---	---	<10	---	---
Fluorene[c]	µg/L	---	---	---	---	---	<10	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	<.00005	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	<0.50	---	---
Gross Alpha	pCi/L	<15	<34	<45	<29	<46	<27	<30	<18
Gross Beta	mrem/yr	<1.406	<2.368	<2.146	<1.776	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	<0.05	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	<0.05	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	<10	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	<10	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	<10	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	<10	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	<10	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	<10	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	<250	---	---
MCPP[c]	µg/L	---	---	---	---	---	<200	---	---
Methoxychlor	mg/L	---	---	---	---	---	<.00005	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	<1.	<1	---
Molybdenum (Dis)	mg/L	<0.050	<0.010	<0.01	<0.010	<0.01	<.01	<.018	<.021
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
Diethylphthalate[c]	µg/L	---
Dimethylphthalate[c]	µg/L	---
Dinoseb[c]	µg/L	---
Eh (Ref. to Calomel[c]	mv	---
Endosulfan I[c]	µg/L	---
Endosulfan II[c]	µg/L	---
Endosulfan Sulfate[c]	µg/L	---
Endrin	mg/L	---
Endrin aldehyde[c]	µg/L	---
Endrin Ketone[c]	µg/L	---
Ethylbenzene	mg/L	---
Fluoranthene[c]	µg/L	---
Fluorene[c]	µg/L	---
gamma-BHC (Lindane)	mg/L	---
gamma-Chlordane[c]	µg/L	---
Gross Alpha	pCi/L	<30
Gross Beta	mrem/yr	---
Heptachlor[c]	µg/L	---
Heptachlor Epoxide[c]	µg/L	---
Hexachlorobenzene[c]	µg/L	---
Hexachlorobutadiene[c]	µg/L	---
Hexachlorocyclopent[c]	µg/L	---
Hexachloroethane[c]	µg/L	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---
Iron (Dis)	mg/L	---
Isophorone[c]	µg/L	---
Magnesium (Dis)[c]	mg/L	---
Manganese (Dis)	mg/L	---
MCPA[c]	µg/L	---
MCPP[c]	µg/L	---
Methoxychlor	mg/L	---
Methylene Chloride[c]	µg/L	---
Molybdenum (Dis)	mg/L	~.024
n-Nitroso-di-n-prop[c]	µg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	---	2.5	1.4	0.8	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.0	7.0	7.2	7.2	7.1	7.5	6.5	6.8
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	<0.1
Potassium (Dis)[c]	mg/L	2.6	2.68	3.35	2.9	3.3	3.6	3.37	3
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	<2.0	<2	---	---	---	---	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005
Silicon[c]	mg/L	6.72	6.52	6.4	7	8	7.6	7.3	7.0
Sodium (Dis)[c]	mg/L	25.7	26.8	27.8	30	25.5	22.0	329	27.4
Sp. Cond.[c]	µmhos/cm	804	804	845	819	744	732	966	924
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	200	190	220	193	180	200	280	196
Temperature[c]	deg C	8	8	10	12	13	14	10	12
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	15.318	21.978	21.978	16.65	12.654	15.984	12.654	13.32
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.01
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.0	6.75	6.7	6.75	6.75	6.89	---	6.68
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	3.2	3.7	3.00	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	0.5	0.5	0.4	0.4	0.6
Radium-228	pCi/L	---	---	---	<1.	<1.	<1.2	<1.4	<1.3
Selenium (Dis)	mg/L	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	7.3	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	28.	33.	30.	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	945.	600.	887.	1300.	1300.	1264	---	1470
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	251.	354.	222.	---	---	---	---	---
Temperature[c]	deg C	11.	12.5	11.	11.	11.	8.5	---	11.8
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	13.32	17.316	15.984	17.316	19.314	17.316	17.316	193.14[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	g/L	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.05	<0.050
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	<10	---	---
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	<10	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	<10	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	<1.	<1	---
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	<50	---	---
pH		6.68	6.89	6.68	6.93	7.13	7.05	6.9	6.96
Phenanthrene[c]	µg/L	---	---	---	---	---	<10	---	---
Phenol[c]	µg/L	---	---	---	---	---	<10	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	<10	---	---
Radium-226	pCi/L	0.5	0.2	0.2	0.2	0.4	.2	.2	0.2
Radium-228	pCi/L	<1.3	<1.0	<2.0	<1	<3	<2	<2	<1
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.0050	<0.0050	<.005	<.002	<.002
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1470	1581	1840	1515	1574	1146	1426	894
Styrene	mg/L	---	---	---	---	---	<.001	<.001	---
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	deg C	11.8	8.9	12.2	8.9	12.8	8.1	12.2	8.2
Tetrachloroethene	mg/L	---	---	---	---	---	<.001	<.001	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	.3	0.22
Toluene	mg/L	---	---	---	---	---	<.001	<.001	---
Toxaphene	mg/L	---	---	---	---	---	<.001	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	<.001	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	<1.	<1	---
Trichloroethene	mg/L	---	---	---	---	---	<.001	<.001	---
Uranium (Dis)	pCi/L	19.98	27.972	27.306	15.984	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	9.3	6.4	8.4	10.4
Uranium-238	pCi/L	---	---	---	---	8.2	5.1	6.3	5.1
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	<0.050	<0.05	<.05	<.01	<.007
Vinyl Acetate[c]	µg/L	---	---	---	---	---	<2.	<2	---
Vinyl Chloride	mg/L	---	---	---	---	---	<.002	<.002	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
n-Nitrosodiphenylam[c]	µg/L	---
Naphthalene (ACN) ([c]	µg/L	---
Nitrobenzene[c]	µg/L	---
o-Xylene[c]	µg/L	---
Oxygen[c]	mg/L	---
Pentachlorophenol[c]	µg/L	---
pH		---
Phenanthrene[c]	µg/L	---
Phenol[c]	µg/L	---
Phosphate[c]	mg/L	---
Potassium (Dis)[c]	mg/L	---
Pyrene[c]	µg/L	---
Radium-226	pCi/L	0.2
Radium-228	pCi/L	<1
Selenium (Dis)	mg/L	<.002
Silicon[c]	mg/L	---
Sodium (Dis)[c]	mg/L	---
Sp. Cond.[c]	mhos/cm	---
Styrene	mg/L	---
Sulfate	mg/L	---
Temperature[c]	deg C	---
Tetrachloroethene	mg/L	---
Thorium-230[c]	pCi/L	<0.16
Toluene	mg/L	---
Toxaphene	mg/L	---
trans-1,2-Dichloroe	mg/L	---
trans-1,3-Dichlorop[c]	µg/L	---
Trichloroethene	mg/L	---
Uranium (Dis)	pCi/L	---
Uranium-234	pCi/L	9.7
Uranium-238	pCi/L	5.4
Vanadium (Dis)[c]	mg/L	<.007
Vinyl Acetate[c]	µg/L	---
Vinyl Chloride	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMH-190 1984/04/18	MMH-178 1984/04/18	MMH-243 1984/05/21	MMH-374 1984/07/23	MMH-637 1984/09/24	MMH-723 1984/10/29	MMW-665 1985/04/09	MMW-484 1985/10/14
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	0.16	0.10	0.08	1.40	0.29	0.38	<.05	<.005

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMY-598 1986/06/02	MMZ-190 1986/10/20	MMZ-643 1987/05/18	MMZ-560 1987/10/13	MMZ-567 1987/10/13	MMX-735 1988/04/14	MMX-747 1988/04/15	MMX-985 1988/10/17
Xylene	mg/L	---	---	---	---	---	---	---	---
Zinc (Dis)	mg/L	<0.010	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MMX-997 1988/10/18	MCL-260 1989/05/10	MLZ-618 1989/10/18	MLY-008 1990/04/11	MLY-158 1990/10/17	MLY-392 1991/06/24	MLY-520 1991/10/20	MLY-700 1992/04/15
Xylene	mg/L	---	---	---	---	---	<.001	<.001	---
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-45B

Chemical Name	Unit	MLY-738 1992/04/15
Xylene	mg/L	---
Zinc (Dis)	mg/L	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-50

Chemical Name	Unit	MMH-280 1984/05/21	MMW-500 1985/10/14	MMY-627 1986/06/02	MMZ-191 1986/10/20
Alkalinity[c]	mg/L	327	294	396.	396.
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	244	276	271.	274.
Chloride	mg/L	48	46.0	25.8	37.8
Depth To Water[c]	feet	14.85	15.22196	---	15.66
Eh (Ref. to Calomel[c]	mv	190	150	165.	190.
Iron (Dis)	mg/L	<.1	<.03	0.036	---
Magnesium (Dis)[c]	mg/L	43	50.0	47.	50.
Manganese (Dis)	mg/L	<.1	<.01	0.012	---
Molybdenum (Dis)	mg/L	<0.050	<.01	<0.050	<0.050
pH		8.6[b]	6.7	7.15	6.8
Phosphate[c]	g/L	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	4.03	3	3.6	4.1
Selenium (Dis)	mg/L	<0.01	<0.005	<0.005	<0.005
Silicon[c]	mg/L	12.1	7.7	8.6	---
Sodium (Dis)[c]	mg/L	62	81.4	70.	80.
Sp. Cond.[c]	µmhos/cm	1475	1822	1725.	1200.
Sulfate	mg/L	530[b]	621[b]	594.[b]	680.[b]
Temperature[c]	deg C	16	12	10.	12.
Uranium (Dis)	pCi/L	31.302[b]	33.966[b]	15.984	24.642
Vanadium (Dis)[c]	mg/L	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	1.02	.008	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-51

Chemical Name	Unit	MMH-196 1984/04/18	MMH-250 1984/05/21	MMH-381 1984/07/23	MMH-658 1984/09/24	MMH-729 1984/10/29	MMW-477 1985/10/14	MMY-609 1986/06/02	MMZ-193 1986/10/20
Alkalinity[c]	mg/L	359	380	384	363	300	347	345.	361.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<.01	<0.010	<0.010	0.005	<0.005
Barium (Dis)	mg/L	0.85	<0.10	0.1	0.1	<0.1	.1	0.14	---
Calcium (Dis)[c]	mg/L	210	223	196	184	155	171	241.	186.
Chloride	mg/L	45	46	37	22	19	23.3	49.6	26.4
Depth To Water[c]	feet	10.98	10.33	12.69	13.25	13.44	11.91666	---	10.3
Eh (Ref. to Calomel[c]	mv	-70	-50	-80	-45	-80	-60	75.	160.
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	3.0[b]	1.8[b]	2.8[b]	2.5[b]	2.53[b]	2.31[b]	2.2[b]	---
Magnesium (Dis)[c]	mg/L	40	36	34	30.4	27.8	31.0	31.	35.
Manganese (Dis)	mg/L	2.6[b]	1.7[b]	1.7[b]	1.5[b]	1.58[b]	1.56[b]	1.7[b]	---
Molybdenum (Dis)	mg/L	<0.05	<0.050	<0.05	<0.05	0.06	<.01	<0.050	<0.050
Oxygen[c]	mg/L	---	1.5	1.2	0.5	---	---	---	---
pH		7.2	7.1	6.9	7.0	6.7	7.0	7.35	6.6
Phosphate[c]	mg/L	---	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	2.9	2.99	3.0	2.9	3.3	3	3.3	3.3
Radium-226	pCi/L	<2	---	---	---	---	---	---	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005
Silicon[c]	mg/L	7.10	8.2	6	8	8.0	7.8	8.7	---
Sodium (Dis)[c]	mg/L	56	56	55	50.5	49.2	52.4	71.	56.
Sp. Cond.[c]	µmhos/cm	1188	1323	1216	962	928	1148	1305.	900.
Sulfate	mg/L	350	330	345	270	260	296	405.	384.
Temperature[c]	deg C	9	12	11	10	11	11	8.	11.5
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	43.29[b]	40.626[b]	35.298[b]	23.31	27.306	25.308	31.968[b]	31.968[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	0.05	<0.05	.01	<0.050	<0.050
Zinc (Dis)	mg/L	<0.10	<0.05	0.85	0.09	0.32	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-51

Chemical Name	Unit	MMZ-639 1987/05/18	MMZ-561 1987/10/13	MMX-736 1988/04/14	MMX-986 1988/10/17	MCL-261 1989/05/10	MCL-274 1989/05/10	MLZ-619 1989/10/19	MLZ-624 1989/10/19
Alkalinity[c]	mg/L	431.	373.	418	376	379	379	347	---
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.006	0.005	<0.005	<0.005	<0.010	<0.010	<0.01	<0.01
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	246.	---	---	---	---	---	---	---
Chloride	mg/L	44.6	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	---	9.0	9.8	9.44	9.44	10.78	---
Eh (Ref. to Calomel[c]	mv	15.	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	22.0[b]	54[b]	32[b]	72[b]	64[b]	38[b]	46[b]
Gross Beta	mrem/yr	---	---	<1.924	<.74	<2.368	<2.368	1.924	1.48
Iron (Dis)	mg/L	2.3[b]	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	37.9	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	2.01[b]	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.050	<0.010	<0.010	<0.01	<0.01
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
pH		6.9	6.9	6.97	6.75	6.92	6.92	6.74	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	3.3	---	---	---	---	---	---	---
Radium-226	pCi/L	---	0.3	0.3	0.5	0.4	0.4	0.2	0.3
Radium-228	pCi/L	---	<1.	<0.7	<1.0	<1.0	<1.0	<2.0	<2.0
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	63.	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1365.	1350.	1540	1430	1674	1674	1470	---
Sulfate	mg/L	416.	---	---	---	---	---	---	---
Temperature[c]	deg C	11.	9.5	10.3	10.0	10.4	10.4	10.1	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	40.626[b]	31.302[b]	43.29[b]	34.632[b]	54.612[b]	53.946[b]	41.958[b]	41.292[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	0.056	<0.05	<0.050	<0.05	<0.05
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-51

Chemical Name	Unit	MLY-009 1990/04/11	MLY-021 1990/04/11	MLY-172 1990/10/17	MLY-159 1990/10/17	MLY-381 1991/06/24	MLY-521 1991/10/20	MLY-739 1992/04/15
Alkalinity[c]	mg/L	318	---	---	313	376	156	365
Aluminum (Dis)	mg/L	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	0.12	---	---
Arsenic (Dis)	mg/L	<0.010	<0.010	<0.010	<0.010	<0.01	.004	<.002
Barium (Dis)	mg/L	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---	---	---
Depth To Water[c]	feet	9.96	---	---	10.51	8.37	---	8.03
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---
Gross Alpha	pCi/L	<34	<34	45[b]	<41	46[b]	40[b]	<30
Gross Beta	mrem/yr	<2.072	<2.072	---	---	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.010	<0.010	<0.01	<0.01	<0.010	<.018	<.021
Oxygen[c]	mg/L	---	---	---	---	---	---	---
pH		6.76	---	---	6.97	6.80	6.92	7.72
Phosphate[c]	mg/L	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---
Radium-226	pCi/L	0.4	0.3	<1.4	<1.5	0.2	.3	0.2
Radium-228	pCi/L	<1	<1	<2	<2	<2	<4	<2
Selenium (Dis)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.005	<.002	<.002
Silicon[c]	mg/L	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1696	---	---	1388	1428	1243	1188
Sulfate	mg/L	---	---	---	---	---	---	---
Temperature[c]	deg C	10.6	---	---	10.5	10.6	10.5	10.4
Thorium-230[c]	pCi/L	---	---	---	---	---	.4	0.41
Uranium (Dis)	pCi/L	41.958[b]	41.292[b]	---	---	---	---	---
Uranium-234	pCi/L	---	---	17.8	17.7	21.1	18.2	16.7
Uranium-238	pCi/L	---	---	16.6	16.0	19.7	16.6	15.6
Vanadium (Dis)[c]	mg/L	<0.050	<0.050	<0.05	<0.05	<0.050	<.01	~.008
Zinc (Dis)	mg/L	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
1,1,1-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloro[c]	µg/L	---	---	---	---	---	---	---	---
1,1,2-Trichloroetha	mg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethane[c]	µg/L	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/L	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenz[c]	µg/L	---	---	---	---	---	---	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethane	mg/L	---	---	---	---	---	---	---	---
1,2-Dichloroethene[c]	µg/L	---	---	---	---	---	---	---	---
1,2-Dichloropropane	mg/L	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-T[c]	µg/L	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4,5-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4,6-Trichlorophen[c]	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
2,4-DB[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dichlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dimethylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene[c]	µg/L	---	---	---	---	---	---	---	---
2-Butanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Chloronaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Chlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Hexanone[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylnaphthalene[c]	µg/L	---	---	---	---	---	---	---	---
2-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
2-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzid[c]	µg/L	---	---	---	---	---	---	---	---
3-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
1,1,1-Trichloroetha	mg/L	<.001	<.001	---
1,1,2,2-Tetrachloro[c]	µg/L	<1.	<1	---
1,1,2-Trichloroetha	mg/L	<.001	<.001	---
1,1-Dichloroethane[c]	µg/L	<1.	<1	---
1,1-Dichloroethene	mg/L	<.001	<.001	---
1,2,4-Trichlorobenz[c]	µg/L	<10	---	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	<1	---
1,2-Dichlorobenzene[c]	µg/L	<10	---	---
1,2-Dichloroethane	mg/L	<.001	<.001	---
1,2-Dichloroethene[c]	µg/L	<1.	---	---
1,2-Dichloropropane	mg/L	<.001	<.001	---
1,3-Dichlorobenzene[c]	µg/L	<10	---	---
1,4-Dichlorobenzene[c]	µg/L	<10	---	---
2,4,5-T[c]	µg/L	<0.20	---	---
2,4,5-TP (Silvex)	µg/L	<0.20	---	---
2,4,5-Trichlorophen[c]	µg/L	<50	---	---
2,4,6-Trichlorophen[c]	µg/L	<10	---	---
2,4-D[c]	µg/L	<0.25	---	---
2,4-DB[c]	µg/L	<0.25	---	---
2,4-Dichlorophenol[c]	µg/L	<10	---	---
2,4-Dimethylphenol[c]	µg/L	<10	---	---
2,4-Dinitrophenol[c]	µg/L	<50	---	---
2,4-Dinitrotoluene[c]	µg/L	<10	---	---
2,6-Dinitrotoluene[c]	µg/L	<10	---	---
2-Butanone[c]	µg/L	<2.	<2	---
2-Chloronaphthalene[c]	µg/L	<10	---	---
2-Chlorophenol[c]	µg/L	<10	---	---
2-Hexanone[c]	µg/L	<2.	<2	---
2-Methylnaphthalene[c]	µg/L	<10	---	---
2-Methylphenol[c]	µg/L	<10	---	---
2-Nitroaniline[c]	µg/L	<50	---	---
2-Nitrophenol[c]	µg/L	<10	---	---
3,3'-Dichlorobenzid[c]	µg/L	<20	---	---
3-Nitroaniline[c]	µg/L	<50	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	386	417	340	424	360	147.	375.	442.
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.024	0.02	.02	0.030	0.021	0.026	0.016	0.019
Barium (Dis)	mg/L	0.14	0.1	0.1	<.1	0.1	0.13	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
4,4'-DDD[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDE[c]	µg/L	---	---	---	---	---	---	---	---
4,4'-DDT[c]	µg/L	---	---	---	---	---	---	---	---
4,6-Dinitro-2-Methy[c]	µg/L	---	---	---	---	---	---	---	---
4-Bromophenyl-pheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloro-3-methylph[c]	µg/L	---	---	---	---	---	---	---	---
4-Chloroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Chlorophenylpheny[c]	µg/L	---	---	---	---	---	---	---	---
4-Methyl-2-Pentanon[c]	µg/L	---	---	---	---	---	---	---	---
4-Methylphenol[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitroaniline[c]	µg/L	---	---	---	---	---	---	---	---
4-Nitrophenol[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthene[c]	µg/L	---	---	---	---	---	---	---	---
Acenaphthylene[c]	µg/L	---	---	---	---	---	---	---	---
Acetone[c]	µg/L	---	---	---	---	---	---	---	---
Aldrin[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	442.	381.	353	371	411	369	386	340
alpha-BHC[c]	µg/L	---	---	---	---	---	---	---	---
alpha-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Ammonia as Nitrogen[c]	mg/L	---	---	---	---	---	---	---	---
Anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1016[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1221[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1232[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1242[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1248[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1254[c]	µg/L	---	---	---	---	---	---	---	---
Aroclor-1260[c]	µg/L	---	---	---	---	---	---	---	---
Arsenic (Dis)	mg/L	0.021	0.016	0.013	0.017	0.013	<0.01	<0.010	0.016
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Benzene	mg/L	---	---	---	---	---	---	---	---
Benzo(a)anthracene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(a)pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(b)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
4,4'-DDD[c]	µg/L	<0.10	---	---
4,4'-DDE[c]	µg/L	<0.10	---	---
4,4'-DDT[c]	µg/L	<0.10	---	---
4,6-Dinitro-2-Methy[c]	µg/L	<50	---	---
4-Bromophenyl-pheny[c]	µg/L	<10	---	---
4-Chloro-3-methylph[c]	µg/L	<10	---	---
4-Chloroaniline[c]	µg/L	<10	---	---
4-Chlorophenylpheny[c]	µg/L	<10	---	---
4-Methyl-2-Pentanon[c]	µg/L	<2.	<2	---
4-Methylphenol[c]	µg/L	<10	---	---
4-Nitroaniline[c]	µg/L	<50	---	---
4-Nitrophenol[c]	µg/L	<50	---	---
Acenaphthene[c]	µg/L	<10	---	---
Acenaphthylene[c]	µg/L	<10	---	---
Acetone[c]	µg/L	<2.	<2	---
Aldrin[c]	µg/L	<0.05	---	---
Alkalinity[c]	mg/L	387	---	394
alpha-BHC[c]	µg/L	<0.05	---	---
alpha-Chlordane[c]	µg/L	<0.50	---	---
Ammonia as Nitrogen[c]	mg/L	.64	---	---
Anthracene[c]	µg/L	<10	---	---
Aroclor-1016[c]	µg/L	<0.50	---	---
Aroclor-1221[c]	µg/L	<0.50	---	---
Aroclor-1232[c]	µg/L	<0.50	---	---
Aroclor-1242[c]	µg/L	<0.50	---	---
Aroclor-1248[c]	µg/L	<0.50	---	---
Aroclor-1254[c]	µg/L	<0.50	---	---
Aroclor-1260[c]	µg/L	<0.50	---	---
Arsenic (Dis)	mg/L	.021	.024	.018
Barium (Dis)	mg/L	---	---	---
Benzene	mg/L	<.001	<.001	---
Benzo(a)anthracene[c]	µg/L	<10	---	---
Benzo(a)pyrene[c]	µg/L	<10	---	---
Benzo(b)fluoranthen[c]	µg/L	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	mg/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	240	203	204	217	182	239.	185.	242.
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	54	43	27	61	27.8	56.8	40.5	49.6
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	17.31	20.5	22	17.25	21.29	---	21.66	---
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
Benzo(g,h,i)perylen[c]	µg/L	---	---	---	---	---	---	---	---
Benzo(k)fluoranthen[c]	µg/L	---	---	---	---	---	---	---	---
Benzoic Acid[c]	µg/L	---	---	---	---	---	---	---	---
Benzyl Alcohol[c]	µg/L	---	---	---	---	---	---	---	---
beta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-Chloroethoxy)[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-chloroisoprop[c]	µg/L	---	---	---	---	---	---	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	---	---	---	---	---	---	---	---
bis-(2-Chloroethyl)[c]	µg/L	---	---	---	---	---	---	---	---
Bromodichloromethan	g/L	---	---	---	---	---	---	---	---
Bromoform	mg/L	---	---	---	---	---	---	---	---
Bromomethane[c]	µg/L	---	---	---	---	---	---	---	---
Butylbenzylphthalat[c]	µg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	231.	---	---	---	---	---	---	---
Carbon Disulfide[c]	µg/L	---	---	---	---	---	---	---	---
Carbon Tetrachlorid	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	51.0	---	---	---	---	---	---	---
Chlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Chloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Chloroform	mg/L	---	---	---	---	---	---	---	---
Chloromethane[c]	µg/L	---	---	---	---	---	---	---	---
Chrysene[c]	µg/L	---	---	---	---	---	---	---	---
cis-1,3-Dichloropro[c]	µg/L	---	---	---	---	---	---	---	---
Dalapon[c]	µg/L	---	---	---	---	---	---	---	---
delta-BHC[c]	µg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	---	---	19.75	21.13	20.24	22.48	21.15	22.79
di-n-Butylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
di-n-Octylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzo(a,h)anthrac[c]	µg/L	---	---	---	---	---	---	---	---
Dibenzofuran[c]	µg/L	---	---	---	---	---	---	---	---
Dibromochloromethan	mg/L	---	---	---	---	---	---	---	---
Dicamba[c]	µg/L	---	---	---	---	---	---	---	---
Dieldrin[c]	µg/L	---	---	---	---	---	---	---	---
Diethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
Benzo(g,h,i)perylen[c]	µg/L	<10	---	---
Benzo(k)fluoranthen[c]	µg/L	<10	---	---
Benzoic Acid[c]	µg/L	<50	---	---
Benzyl Alcohol[c]	µg/L	<10	---	---
beta-BHC[c]	µg/L	<0.05	---	---
bis(2-Chloroethoxy)[c]	µg/L	<10	---	---
bis(2-chloroisoprop[c]	µg/L	<10	---	---
bis(2-ethylhexyl)Ph[c]	µg/L	<10	---	---
bis-(2-Chloroethyl)[c]	µg/L	<10	---	---
Bromodichloromethan	mg/L	<.001	<.001	---
Bromoform	mg/L	<.001	<.001	---
Bromomethane[c]	µg/L	<2.	<2	---
Butylbenzylphthalat[c]	µg/L	<10	---	---
Calcium (Dis)[c]	mg/L	---	---	---
Carbon Disulfide[c]	µg/L	1	<1	---
Carbon Tetrachlorid	mg/L	<.001	<.001	---
Chloride	mg/L	---	---	---
Chlorobenzene[c]	µg/L	<1.	<1	---
Chloroethane[c]	µg/L	<2.	<2	---
Chloroform	mg/L	<.001	<.001	---
Chloromethane[c]	µg/L	<2.	<2	---
Chrysene[c]	µg/L	<10	---	---
cis-1,3-Dichloropro[c]	µg/L	<1.	<1	---
Dalapon[c]	µg/L	<5.0	---	---
delta-BHC[c]	µg/L	<0.05	---	---
Depth To Water[c]	feet	20.98	---	19.52
di-n-Butylphthalate[c]	µg/L	<10	---	---
di-n-Octylphthalate[c]	µg/L	<10	---	---
Dibenzo(a,h)anthrac[c]	µg/L	<10	---	---
Dibenzofuran[c]	µg/L	<10	---	---
Dibromochloromethan	mg/L	<.001	<.001	---
Dicamba[c]	µg/L	<0.25	---	---
Dieldrin[c]	µg/L	<0.10	---	---
Diethylphthalate[c]	µg/L	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	200	160	-40	---	-70	-30.	160.	20.
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	---	---	---	---	---	---	---
Gross Beta	mrem/yr	---	---	---	---	---	---	---	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	1.9[b]	1.9[b]	1.7[b]	2.7[b]	1.88[b]	2.7[b]	---	2.1[b]
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	38	36	34.5	44.9	34.2	41.0	35.	41.2
Manganese (Dis)	mg/L	1.9[b]	2.1[b]	2.1[b]	2.62[b]	2.16[b]	2.8[b]	---	2.83[b]
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<.05	<.01	<0.050	<0.050	<0.050
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
Dimethylphthalate[c]	µg/L	---	---	---	---	---	---	---	---
Dinoseb[c]	µg/L	---	---	---	---	---	---	---	---
Eh (Ref. to Calomel[c]	mv	20.	---	---	---	---	---	---	---
Endosulfan I[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan II[c]	µg/L	---	---	---	---	---	---	---	---
Endosulfan Sulfate[c]	µg/L	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Endrin aldehyde[c]	µg/L	---	---	---	---	---	---	---	---
Endrin Ketone[c]	µg/L	---	---	---	---	---	---	---	---
Ethylbenzene	mg/L	---	---	---	---	---	---	---	---
Fluoranthene[c]	µg/L	---	---	---	---	---	---	---	---
Fluorene[c]	µg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
gamma-Chlordane[c]	µg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	---	46.0[b]	77[b]	40[b]	75[b]	68[b]	36[b]	<44
Gross Beta	mrem/yr	---	---	<1.924	1.554	2.516	2.886	<2.072	---
Heptachlor[c]	µg/L	---	---	---	---	---	---	---	---
Heptachlor Epoxide[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobenzene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorobutadiene[c]	µg/L	---	---	---	---	---	---	---	---
Hexachlorocyclopent[c]	µg/L	---	---	---	---	---	---	---	---
Hexachloroethane[c]	µg/L	---	---	---	---	---	---	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	---	---	---	---	---	---	---	---
Iron (Dis)	mg/L	2.0[b]	---	---	---	---	---	---	---
Isophorone[c]	µg/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	38.6	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	2.65[b]	---	---	---	---	---	---	---
MCPA[c]	µg/L	---	---	---	---	---	---	---	---
MCPP[c]	µg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Methylene Chloride[c]	µg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.050	0.010	<0.01	<0.010	<0.01
n-Nitroso-di-n-prop[c]	µg/L	---	---	---	---	---	---	---	---
n-Nitrosodiphenylam[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "–" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
Dimethylphthalate[c]	µg/L	<10	---	---
Dinoseb[c]	µg/L	<0.10	---	---
Eh (Ref. to Calomel[c]	mv	---	---	---
Endosulfan I[c]	µg/L	<0.05	---	---
Endosulfan II[c]	µg/L	<0.10	---	---
Endosulfan Sulfate[c]	µg/L	<0.10	---	---
Endrin	mg/L	<.0001	---	---
Endrin aldehyde[c]	µg/L	<0.10	---	---
Endrin Ketone[c]	µg/L	<0.10	---	---
Ethylbenzene	mg/L	<.001	<.001	---
Fluoranthene[c]	µg/L	<10	---	---
Fluorene[c]	µg/L	<10	---	---
gamma-BHC (Lindane)	mg/L	<.00005	---	---
gamma-Chlordane[c]	µg/L	<0.50	---	---
Gross Alpha	pCi/L	49[b]	60[b]	<60
Gross Beta	mrem/yr	---	---	---
Heptachlor[c]	µg/L	<0.05	---	---
Heptachlor Epoxide[c]	µg/L	<0.05	---	---
Hexachlorobenzene[c]	µg/L	<10	---	---
Hexachlorobutadiene[c]	µg/L	<10	---	---
Hexachlorocyclopent[c]	µg/L	<10	---	---
Hexachloroethane[c]	µg/L	<10	---	---
Indeo(1,2,3-cd)pyre[c]	µg/L	<10	---	---
Iron (Dis)	mg/L	---	---	---
Isophorone[c]	µg/L	<10	---	---
Magnesium (Dis)[c]	mg/L	---	---	---
Manganese (Dis)	mg/L	---	---	---
MCPA[c]	µg/L	<250	---	---
MCPP[c]	µg/L	<200	---	---
Methoxychlor	mg/L	<.00005	---	---
Methylene Chloride[c]	µg/L	<1.	<1	---
Molybdenum (Dis)	mg/L	<.01	<.018	<.021
n-Nitroso-di-n-prop[c]	µg/L	<10	---	---
n-Nitrosodiphenylam[c]	µg/L	<10	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	1.1	---	0.5	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.0	7.3	7.25	6.6	7.0	7.2	6.9	7.1
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---	---
Potassium (Dis)[c]	mg/L	4.22	3.1	3.2	3.94	3	3.6	4.0	3.80
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	---	---	<1	<1.0	<.2	1.1	---
Radium-228	pCi/L	---	---	---	---	---	---	---	---
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	8.9	7	8	8.3	8.1	10.	---	---
Sodium (Dis)[c]	mg/L	67	66	53.4	74.9	64.6	72.4	78.	81.
Sp. Cond.[c]	µmhos/cm	1426	1342	1105	1418	1188	1572.	1000.	1463.
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	390	367	310	410	310	406.	421.	445.
Temperature[c]	deg C	13	14	10	11	12	12.	11.5	12.
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	56.61[b]	52.614[b]	66.6[b]	53.946[b]	39.294[b]	49.95[b]	66.6[b]	63.27[b]
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<.05	.01	0.10	0.905	<0.050
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
Naphthalene (ACN) ([c]	µg/L	---	---	---	---	---	---	---	---
Nitrobenzene[c]	µg/L	---	---	---	---	---	---	---	---
o-Xylene[c]	µg/L	---	---	---	---	---	---	---	---
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
Pentachlorophenol[c]	µg/L	---	---	---	---	---	---	---	---
pH		7.1	6.8	6.86	6.95	6.98	6.80	6.86	6.92
Phenanthrene[c]	µg/L	---	---	---	---	---	---	---	---
Phenol[c]	µg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	3.80	---	---	---	---	---	---	---
Pyrene[c]	µg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	---	<0.1	0.2	0.7	0.3	0.7	0.1	<1.4
Radium-228	pCi/L	---	<1.	<0.9	<1.0	<1.0	<2.0	<1	<2
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	78.	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	1463.	1470.	1639	1530	1754	1430	1835	1462
Styrene	mg/L	---	---	---	---	---	---	---	---
Sulfate	mg/L	443.	---	---	---	---	---	---	---
Temperature[c]	deg C	12.	10.	11.1	10.6	11.1	13.0	11.2	11.5
Tetrachloroethene	mg/L	---	---	---	---	---	---	---	---
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	---
Toluene	mg/L	---	---	---	---	---	---	---	---
Toxaphene	mg/L	---	---	---	---	---	---	---	---
trans-1,2-Dichloroe	mg/L	---	---	---	---	---	---	---	---
trans-1,3-Dichlorop[c]	µg/L	---	---	---	---	---	---	---	---
Trichloroethene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	60.606[b]	48.618[b]	61.938[b]	53.946[b]	79.92[b]	70.596[b]	59.94[b]	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	27.9
Uranium-238	pCi/L	---	---	---	---	---	---	---	25.8
Vanadium (Dis)[c]	mg/L	<0.050	<0.05	<0.05	<0.050	<0.05	0.126	<0.050	<0.05
Vinyl Acetate[c]	µg/L	---	---	---	---	---	---	---	---
Vinyl Chloride	mg/L	---	---	---	---	---	---	---	---
Xylene	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
Naphthalene (ACN) ([c]	µg/L	<10	---	---
Nitrobenzene[c]	µg/L	<10	---	---
o-Xylene[c]	µg/L	<1.	<1	---
Oxygen[c]	mg/L	---	---	---
Pentachlorophenol[c]	µg/L	<50	---	---
pH		6.85	7.2	6.93
Phenanthrene[c]	µg/L	<10	---	---
Phenol[c]	µg/L	<10	---	---
Phosphate[c]	mg/L	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---
Pyrene[c]	µg/L	<10	---	---
Radium-226	pCi/L	.2	.3	0.2
Radium-228	pCi/L	<2	<3	<2
Selenium (Dis)	mg/L	<.005	<.002	<.002
Silicon[c]	mg/L	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---
Sp. Cond.[c]	µmhos/cm	1565	1361	1365
Styrene	mg/L	<.001	<.001	---
Sulfate	mg/L	---	---	---
Temperature[c]	deg C	10.9	10.5	11.1
Tetrachloroethene	mg/L	<.001	<.001	---
Thorium-230[c]	pCi/L	---	.2	0.4
Toluene	mg/L	<.001	<.001	---
Toxaphene	mg/L	<.001	---	---
trans-1,2-Dichloroe	mg/L	---	<.001	---
trans-1,3-Dichlorop[c]	µg/L	<1.	<1	---
Trichloroethene	mg/L	<.001	<.001	---
Uranium (Dis)	pCi/L	---	---	---
Uranium-234	pCi/L	28.5	30.1[b]	34.8[b]
Uranium-238	pCi/L	27	32.4[b]	32.4[b]
Vanadium (Dis)[c]	mg/L	<.05	<.01	<.007
Vinyl Acetate[c]	µg/L	<2.	<2	---
Vinyl Chloride	mg/L	<.002	<.002	---
Xylene	mg/L	<.001	<.001	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMH-260 1984/05/21	MMH-390 1984/07/23	MMH-659 1984/09/24	MMW-676 1985/04/09	MMW-473 1985/10/14	MMY-626 1986/06/02	MMZ-192 1986/10/20	MMZ-641 1987/05/18
Zinc (Dis)	mg/L	0.06	0.05	0.07	<.05	<.005	<0.010	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MMZ-644 1987/05/18	MMZ-562 1987/10/13	MMX-737 1988/04/14	MMX-987 1988/10/17	MCL-262 1989/05/10	MLZ-620 1989/10/18	MLY-010 1990/04/11	MLY-160 1990/10/17
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-52

Chemical Name	Unit	MLY-395 1991/06/24	MLY-524 1991/10/20	MLY-744 1992/04/15
Zinc (Dis)	mg/L	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-57

Chemical Name	Unit	MMH-111 1984/03/19
Alkalinity[c]	mg/L	348
Aluminum (Dis)	mg/L	<0.10
Arsenic (Dis)	mg/L	<0.01
Barium (Dis)	mg/L	0.16
Calcium (Dis)[c]	mg/L	198
Chloride	mg/L	33
Depth To Water[c]	feet	11.02
Eh (Ref. to Calomel[c]	mv	-50
Iron (Dis)	mg/L	3.6[b]
Magnesium (Dis)[c]	mg/L	36.1
Manganese (Dis)	mg/L	2.2[b]
Molybdenum (Dis)	mg/L	<0.05
pH		7.3
Potassium (Dis)[c]	mg/L	3.2
Selenium (Dis)	mg/L	<0.01
Silicon[c]	mg/L	9.21
Sodium (Dis)[c]	mg/L	54.5
Sp. Cond.[c]	µmhos/cm	1270
Sulfate	mg/L	340
Temperature[c]	deg C	13.5
Uranium (Dis)	pCi/L	35.964[b]
Vanadium (Dis)[c]	mg/L	<0.05
Zinc (Dis)	mg/L	<0.1

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-58

Chemical Name	Unit	MMH-238 1984/05/21	MMH-366 1984/07/23	MMH-665 1984/09/24	MMH-733 1984/10/29	MMW-680 1985/04/09	MMW-457 1985/10/14	MMY-617 1986/06/02	MMZ-194 1986/10/20
Alkalinity[c]	mg/L	392	402	405	925	403	419	470.	367.
Arsenic (Dis)	g/L	0.011	0.01	<.01	0.011	0.010	0.010	0.011	0.009
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	356	277	215	200	237	233	262.	212.
Chloride	mg/L	160	131	94	92	100	92.1	89.3	86.8
Depth To Water[c]	feet	5.31	8.67	9.54	9.46	8	9.17	---	7.24
Eh (Ref. to Calomel[c]	mv	200	190	220	180	---	130	160.	140.
Iron (Dis)	mg/L	<.1	<.5	<0.5	<0.10	<.1	<.03	<0.030	---
Magnesium (Dis)[c]	mg/L	92	86	74.1	59.7	75.2	66.0	63.	58.
Manganese (Dis)	mg/L	0.2[b]	<.5	<0.5	0.18[b]	.24[b]	.07[b]	0.12[b]	---
Molybdenum (Dis)	mg/L	0.210[b]	<0.05	0.06	0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	1.6	2.2	---	---	---	---	---	---
pH		6.8	7.0	7.0	7.0	6.9	6.85	6.9	6.2[b]
Phosphate[c]	mg/L	---	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	9.91	8.7	15.1	8.3	8.52	6	7.1	7.6
Selenium (Dis)	mg/L	0.026[b]	0.02[b]	0.06[b]	0.029[b]	0.030[b]	0.036[b]	0.022[b]	0.011[b]
Silicon[c]	mg/L	8.0	8	9	8.9	8.4	9.0	11.	---
Sodium (Dis)[c]	mg/L	191	226	193	202	165	166	162.	182.
Sp. Cond.[c]	µmhos/cm	2480	2542	1907	1560	2015	2112	2208.	1400.
Sulfate	mg/L	990[b]	1060[b]	700[b]	640[b]	700[b]	690[b]	676.[b]	660.[b]
Temperature[c]	deg C	13	13	11	10	13	12	10.	12
Uranium (Dis)	pCi/L	326.34[b]	333[b]	266.4[b]	199.8[b]	333[b]	26.64	133.2[b]	333[b]
Vanadium (Dis)[c]	mg/L	0.36	0.40	0.45	0.32	.32	.41	0.41	0.355
Zinc (Dis)	mg/L	<0.05	<0.05	0.16	0.59	<.05	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-61

Chemical Name	Unit	MMH-271 1984/05/21	MMW-483 1985/10/14	MMY-631 1986/06/02	MMZ-195 1986/10/20
Alkalinity[c]	mg/L	275	178	325.	245.
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	276	287	293.	275.
Chloride	mg/L	59	79.4	69.7	73.0
Depth To Water[c]	feet	28.5	28.6875	---	29.35
Eh (Ref. to Calomel[c]	mv	-140	-70	-20.	-60.
Iron (Dis)	mg/L	1.9[b]	2.24[b]	4.1[b]	---
Magnesium (Dis)[c]	mg/L	130	133	160.	187.
Manganese (Dis)	mg/L	0.1[b]	.09[b]	0.24[b]	---
Molybdenum (Dis)	mg/L	<0.050	<.01	<0.050	<0.050
pH		7.5	7.2	7.5	7.1
Phosphate[c]	mg/L	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	23.3	32	26.	28.
Selenium (Dis)	mg/L	<0.01	<0.005	<0.005	<0.005
Silicon[c]	mg/L	4.2	3.0	6.8	---
Sodium (Dis)[c]	mg/L	680	662	745.	703.
Sp. Cond.[c]	µmhos/cm	4284	4145	4968.	2750.
Sulfate	mg/L	2400[b]	2280[b]	2730.[b]	2640.[b]
Temperature[c]	deg C	12	9	10.	9.
Uranium (Dis)	pCi/L	2.664	<3.33	28.638	.666
Vanadium (Dis)[c]	mg/L	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.06	.040	0.014	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-62

Chemical Name	Unit	MMH-267 1984/05/21	MMH-360 1984/07/23	MMH-643 1984/09/24	MMH-713 1984/10/29	MMH-716 1984/10/30	MMW-682 1985/04/09	MMW-481 1985/10/14	MMW-458 1985/10/14
Alkalinity[c]	mg/L	15	38	40	56	56	57	53	53
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	<0.010	<0.010	<0.010
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<0.1	<.1	<.1	<.1
Calcium (Dis)[c]	mg/L	423	422	435	449	438	404	397	385
Chloride	mg/L	92	102	110	120	160	110	90.6	93.0
Depth To Water[c]	feet	18.33	19.77	20.21	20	20	18.75	19.91666	19.91666
Eh (Ref. to Calomel[c]	mv	110	70	75	70	70	---	70	70
Iron (Dis)	mg/L	28[b]	120[b]	110[b]	138[b]	127[b]	118[b]	107[b]	110[b]
Magnesium (Dis)[c]	mg/L	278	290	310	285	281	280	257	254
Manganese (Dis)	mg/L	0.8[b]	0.8[b]	1.1[b]	1.16[b]	0.94[b]	.91[b]	.89[b]	.93[b]
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.05	<0.05	<.05	<.01	<.01
Oxygen[c]	mg/L	.6	1.1	1.1	0.8	0.8	---	---	---
pH		5.2[b]	5.3[b]	5.5[b]	4.5[b]	4.5[b]	5.3[b]	5.4[b]	5.4[b]
Phosphate[c]	mg/L	---	---	---	---	---	---	<0.1	<0.1
Potassium (Dis)[c]	mg/L	25	25	26.0	24.1	24.5	27.3	20	21
Radium-226	pCi/L	3	---	<2	<2	<2	<1	<1.0	<1.0
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.010	<0.010	<0.005	<0.005	<0.005
Silicon[c]	mg/L	6.0	6	6	5.5	5.3	4.2	4.8	5.1
Sodium (Dis)[c]	mg/L	647	609	577	729	660	638	652	679
Sp. Cond.[c]	µmhos/cm	5451	5084	4675	4061	4061	4620	5498	5498
Sulfate	mg/L	3600[b]	3560[b]	3500[b]	3800[b]	3600[b]	3300[b]	3670[b]	3740[b]
Temperature[c]	deg C	6	13	12	9.5	9.5	12	7.5	7.5
Uranium (Dis)	pCi/L	<.666	.866	1.332	1.998	1.465	<3.33	<3.33	<3.33
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	.06	<.01	<.01
Zinc (Dis)	mg/L	0.46	0.55	0.50	0.68	0.60	.17	.226	.22

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-62

Chemical Name	Unit	MMY-589 1986/06/02	MMZ-196 1986/10/20	MMZ-213 1986/10/20
Alkalinity[c]	mg/L	98.	---	---
Arsenic (Dis)	mg/L	0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	---	---
Calcium (Dis)[c]	mg/L	403.	290.	292.
Chloride	mg/L	97.5	80.4	79.9
Depth To Water[c]	feet	---	19.62	19.62
Eh (Ref. to Calomel[c]	mv	85.	60.	60.
Iron (Dis)	mg/L	80.[b]	---	---
Magnesium (Dis)[c]	mg/L	226.	204.	209.
Manganese (Dis)	mg/L	0.97[b]	---	---
Molybdenum (Dis)	g/L	<0.050	<0.050	<0.050
Oxygen[c]	mg/L	---	---	---
pH		5.6[b]	5.2[b]	5.2[b]
Phosphate[c]	mg/L	---	---	---
Potassium (Dis)[c]	mg/L	24.	22.	23.
Radium-226	pCi/L	<.2	1.4	<0.4
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005
Silicon[c]	mg/L	6.8	---	---
Sodium (Dis)[c]	mg/L	680.	544.	523.
Sp. Cond.[c]	µmhos/cm	4880.	2400.	2400.
Sulfate	mg/L	3470.[b]	2790.[b]	2860.[b]
Temperature[c]	deg C	15.	10.	10.
Uranium (Dis)	pCi/L	<1.998	<.666	1.998
Vanadium (Dis)[c]	mg/L	<0.050	<0.050	<0.050
Zinc (Dis)	mg/L	0.26	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "-" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-63

Chemical Name	Unit	MMH-277 1984/05/21	MMW-478 1985/10/14	MMY-616 1986/06/02	MMZ-197 1986/10/20
Alkalinity[c]	mg/L	151	51	80.	78.
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	198	222	229.	202.
Chloride	mg/L	68	71.1	69.4	74.0
Depth To Water[c]	feet	27	25.77083	---	27.1
Eh (Ref. to Calomel[c]	mv	180	150	170.	130.
Iron (Dis)	mg/L	0.2	1.20[b]	0.83[b]	---
Magnesium (Dis)[c]	mg/L	121	133	123.	132.
Manganese (Dis)	mg/L	0.3[b]	.39[b]	0.36[b]	---
Molybdenum (Dis)	mg/L	<0.050	<.01	<0.050	<0.050
pH		7.1	5.5[b]	5.8[b]	5.9[b]
Phosphate[c]	mg/L	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	15.3	12	16.	16.
Selenium (Dis)	mg/L	<0.01	<0.005	<0.005	<0.005
Silicon[c]	mg/L	9.7	14.4	6.1	---
Sodium (Dis)[c]	mg/L	680	662	726.	656.
Sp. Cond.[c]	µmhos/cm	4275	4154	4288.	2900.
Sulfate	mg/L	2300[b]	2290[b]	2420.[b]	2240.[b]
Temperature[c]	deg C	18	11.5	11.	12.
Uranium (Dis)	pCi/L	.666	<3.33	<1.998	1.998
Vanadium (Dis)[c]	mg/L	<0.05	.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.119	.266	0.15	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
82-66

Chemical Name	Unit	MMH-279 1984/05/21	MMW-498 1985/10/14	MMZ-199 1986/10/20
Alkalinity[c]	mg/L	187	207	255.
Arsenic (Dis)	mg/L	<0.01	<0.010	<0.005
Barium (Dis)	mg/L	<0.10	<.1	---
Calcium (Dis)[c]	mg/L	107	113	125.
Chloride	mg/L	160	145	235.
Depth To Water[c]	feet	12.5	10.1666	10.52
Eh (Ref. to Calomel[c]	mv	190	165	120.
Iron (Dis)	mg/L	<.1	<.03	---
Magnesium (Dis)[c]	mg/L	22	23.4	26.
Manganese (Dis)	mg/L	<.1	.20[b]	---
Molybdenum (Dis)	mg/L	<0.050	.02	<0.050
Oxygen[c]	mg/L	1.3	---	---
pH		6.8	7.6	7.5
Phosphate[c]	mg/L	---	<0.1	---
Potassium (Dis)[c]	mg/L	15.7	13	13.
Selenium (Dis)	mg/L	<0.01	<0.005	<0.005
Silicon[c]	mg/L	5.7	6.3	---
Sodium (Dis)[c]	mg/L	193	171	283.
Sp. Cond.[c]	µmhos/cm	1512	1610	900.
Sulfate	mg/L	400	387	543.[b]
Temperature[c]	deg C	12	12	12.
Uranium (Dis)	pCi/L	60.606[b]	59.94[b]	40.626[b]
Vanadium (Dis)[c]	mg/L	0.27	.26	0.103
Zinc (Dis)	mg/L	0.32	.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "-" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
83-70

Chemical Name	Unit	MMH-272 1984/05/21	MMH-367 1984/07/23	MMH-666 1984/09/24	MMH-732 1984/10/29	MMW-904 1985/10/14	MMY-619 1986/06/02	MMZ-224 1986/10/20	MMZ-201 1986/10/20
Alkalinity[c]	mg/L	229	215	217	230	243	225.	113.	113.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<.1	<0.10	---	---
Calcium (Dis)[c]	mg/L	69.1	56	54.2	55.8	53.6	56.	52.	53.
Chloride	mg/L	3	3.4	4	3	3.0	2.8	3.4	3.3
Depth To Water[c]	feet	36	37.75	41.5	38.79	37.39583	---	36.69	36.69
Eh (Ref. to Calomel[c]	mv	-120	-120	50	120	20	-20.	10.	10.
Iron (Dis)	mg/L	0.2	<.5	<0.5	0.28	.44[b]	0.18	---	---
Magnesium (Dis)[c]	mg/L	10	11	11.4	10.8	12.4	12.	10.	10.
Manganese (Dis)	mg/L	0.2[b]	<.5	<0.5	0.30[b]	.25[b]	0.27[b]	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.05	<.01	<0.050	<0.050	<0.050
Oxygen[c]	mg/L	.2	.4	0.35	---	---	---	---	---
pH		7.6	7.9	7.65	7.1	7.3	8.1	6.8	6.8
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---	---
Potassium (Dis)[c]	mg/L	2.66	2.6	3.0	3.1	2	2.8	2.7	2.7
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005	<0.005
Silicon[c]	mg/L	4.2	4	5	4.1	3.7	7.9	---	---
Sodium (Dis)[c]	mg/L	54	61	55.6	51.9	51.6	54.	58.	57.
Sp. Cond.[c]	µmhos/cm	567	558	509	455	500	559.	500.	113.
Sulfate	mg/L	99	094	98	100	92.0	102.	99.9	101.
Temperature[c]	deg C	14	13	9	9	11	11.5	13.	13.
Tritium[c]	TU	<2	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	<.666	.666	<.666	.333	<.666	<1.998	<.666	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	0.05	<0.05	<.01	<0.050	<0.050	<0.050
Zinc (Dis)	mg/L	0.06	0.05	0.15	0.40	<.005	0.010	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
83-71

Chemical Name	Unit	MMH-273 1984/05/21	MMH-368 1984/07/23	MMH-667 1984/09/24	MMH-735 1984/10/29	MMW-905 1985/10/14	MMY-620 1986/06/02	MMZ-202 1986/10/20
Alkalinity[c]	mg/L	219	272	205	215	207	252.	96.
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01	<0.010	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.1	<0.1	<0.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	68.1	58	57.5	61.4	53.6	56.	54.
Chloride	mg/L	5	3.8	3	3	2.5	2.6	3.1
Depth To Water[c]	feet	35.69	37.42	41.06	48.54	37.1250	---	36.68
Eh (Ref. to Calomel[c]	mv	-120	110	50	120	50	40.	155.
Iron (Dis)	mg/L	0.2	<.5	<0.5	0.29	.22	0.16	---
Magnesium (Dis)[c]	mg/L	10	12	11.4	13.8	12.4	12.	11.
Manganese (Dis)	mg/L	0.2[b]	<.5	<0.5	0.27[b]	.27[b]	0.28[b]	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<0.05	<0.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	.3	0.3	0.3	---	---	---	---
pH		7.5	7.9	6.7	6.7	7.3	7.9	6.6
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	2.72	2.7	3.3	2.9	2	3.0	2.7
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005
Silicon[c]	mg/L	4.3	4	4	4.0	3.9	4.4	---
Sodium (Dis)[c]	mg/L	53	51	55.0	54.3	51.9	61.	54.
Sp. Cond.[c]	µmhos/cm	566	540	494	449	540	576.	450.
Sulfate	mg/L	99	094	100	100	93.4	100.	101.
Temperature[c]	deg C	16	12	10	9	11	13.	11.
Uranium (Dis)	pCi/L	<.666	<.666	.666	<.333	<.666	1.998	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.08	0.07	0.11	0.52	.014	<0.010	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
83-72

Chemical Name	Unit	MMH-274 1984/05/21	MMH-668 1984/09/24	MMW-907 1985/10/14	MMY-621 1986/06/02	MMZ-203 1986/10/20
Alkalinity[c]	mg/L	319	363	327	350.	234.
Arsenic (Dis)	mg/L	0.013	<.01	<0.010	0.008	0.006
Barium (Dis)	mg/L	0.60	0.7	<.1	0.62	---
Calcium (Dis)[c]	mg/L	7.98	5.6	8.10	6.6	8.0
Chloride	mg/L	44	23	52.8	45.6	55.3
Depth To Water[c]	feet	35.58	35.89	35.66666	---	35.89
Eh (Ref. to Calomel[c]	mv	---	-80	130	-55.	100.
Iron (Dis)	mg/L	0.1	<0.5	<.03	0.046	---
Magnesium (Dis)[c]	mg/L	3.3	4.0	4.60	3.8	3.8
Manganese (Dis)	mg/L	<.1	<0.5	<.01	<0.010	---
Molybdenum (Dis)	mg/L	<0.050	<0.05	<.01	<0.050	<0.050
pH		8.7[b]	8.7[b]	8.7[b]	9.6[b]	8.45
Phosphate[c]	mg/L	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	4.86	4.9	4	4.6	5.0
Selenium (Dis)	mg/L	<0.01	<0.01	0.015[b]	0.015[b]	0.010
Silicon[c]	mg/L	2.9	3	1.8	2.8	---
Sodium (Dis)[c]	mg/L	169	183	166	178.	159.
Sp. Cond.[c]	µmhos/cm	780	767	878	780.	600.
Sulfate	mg/L	22	17	22.2	20.0	26.2
Temperature[c]	deg C	15	10	11	12.5	11.
Uranium (Dis)	Ci/L	.666	<.666	<.666	<1.998	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.08	0.09	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
83-73

Chemical Name	Unit	MMH-276 1984/05/21	MMH-369 1984/07/23	MMH-669 1984/09/24	MMH-734 1984/10/29	MMW-906 1985/10/14	MMY-622 1986/06/02	MMZ-204 1986/10/20
Alkalinity[c]	mg/L	224	206	223	212	216	230.	215.
Arsenic (Dis)	mg/L	<0.01	<.01	<.01	<0.010	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	0.18	<0.1	0.1	<0.1	.1	0.10	---
Calcium (Dis)[c]	mg/L	38.3	58	50.6	49.7	42.2	44.	60.
Chloride	mg/L	5	4.0	4	3	3.5	3.8	3.1
Depth To Water[c]	feet	37.58	39.46	43.19	40.46	39.0833	---	35.35
Eh (Ref. to Calomel[c]	mv	-140	-50	-60	130	150	160.	10.
Iron (Dis)	mg/L	0.1	<.5	<0.5	<0.10	<.03	<0.030	---
Magnesium (Dis)[c]	mg/L	8.1	11	10.9	10.5	11.5	11.	11.
Manganese (Dis)	mg/L	0.1[b]	<.5	<0.5	0.24[b]	.13[b]	0.16[b]	---
Molybdenum (Dis)	mg/L	<0.050	<.05	<0.05	<0.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	.6	0.3	1.5	---	---	---	---
pH		6.1[b]	8.0	7.7	6.7	7.5	8.1	7.5
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	3.42	2.7	4.0	3.3	3	3.3	3.0
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005	<0.005
Silicon[c]	mg/L	3.8	4	5	3.9	3.5	8.2	---
Sodium (Dis)[c]	mg/L	82	57	57.6	63.1	70.3	70.	58.
Sp. Cond.[c]	µmhos/cm	627	540	497	475	563	603.	400.
Sulfate	mg/L	96	097	100	99	94.3	103.	99.6
Temperature[c]	deg C	18	12	11	9	11.5	11.	10.5
Uranium (Dis)	pCi/L	<.666	<.666	<.666	<.4	<.666	<1.998	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	0.07	0.08	0.07	0.30	.048	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMH-645 1984/09/24	MMH-707 1984/10/29	MMW-678 1985/04/09	MMT-673 1985/06/10	MMW-467 1985/10/14	MMY-623 1986/06/02	MMZ-205 1986/10/20	MMZ-563 1987/10/13
2,4,5-TP (Silvex)	µg/L	---	---	<0.1	<0.1	<0.1	---	---	---
2,4-D[c]	µg/L	---	---	<0.2	<0.2	<0.2	---	---	---
Alkalinity[c]	mg/L	220	218	230	245	220	---	---	219.
Arsenic (Dis)	mg/L	<.01	<0.010	<0.010	<.01	<0.010	<0.005	<0.005	<0.005
Arsenic (Tot)	mg/L	---	---	---	---	---	<0.005	<0.005	---
Barium (Dis)	mg/L	<0.1	<0.1	<.1	<.1	<.1	<0.10	---	---
Barium (Tot)	g/L	---	---	---	---	---	<0.10	---	---
Cadmium (Dis)	mg/L	---	<0.002	<.001	<0.001	<.001	<0.005	---	---
Cadmium (Tot)	mg/L	---	---	---	---	---	<0.005	---	---
Calcium (Dis)[c]	mg/L	45.4	46.6	46.4	46.1	44.0	---	46.	---
Chloride	mg/L	4	4	4	4.9	4.4	3.9	4.0	---
Chromium (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.030	---	---
Chromium (Tot)	mg/L	---	---	---	---	---	<0.030	---	---
Depth To Water[c]	feet	70.87	76.5	65.5	65.33	66.46	---	65.61	---
Eh (Ref. to Calomel[c]	mv	130	20	---	20	130	---	130.	---
Endrin	mg/L	---	---	<.00001	<.00001	<.00001	---	---	---
Fluoride	mg/L	---	0.22	0.2	0.2	0.15	0.2	---	---
gamma-BHC (Lindane)	mg/L	---	---	<.00001	<.00001	<.00001	---	---	---
Gross Alpha	pCi/L	---	<15	<8	7	<6	---	---	13.1
Gross Beta	mrem/yr	---	<3.7	.37	.444	<.666	---	---	---
Iron (Dis)	mg/L	<0.5	0.12	.2	.1	.12	<0.10	<0.10	---
Iron (Tot)	mg/L	---	---	---	---	---	0.38[b]	.502[b]	---
Lead (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---	---
Lead (Tot)	mg/L	---	---	---	---	---	<0.025	---	---
Lead-210[c]	pCi/L	<1.5	<1.5	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	11.8	11.4	11.65	11.5	13.7	---	10.	---
Manganese (Dis)	mg/L	<0.5	0.18[b]	.16[b]	.17[b]	.17[b]	0.11[b]	0.192[b]	---
Manganese (Tot)	mg/L	---	---	---	---	---	0.10[b]	.209[b]	---
Mercury (Dis)	mg/L	---	<0.001	<.0002	<.0002	<.0002	<0.001	---	---
Mercury (Tot)	mg/L	---	---	---	---	---	<0.001	---	---
Methoxychlor	mg/L	---	---	<.0005	<.0005	<.0005	---	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.05	<.05	<.05	<.01	---	<.050	<0.05
Oxygen[c]	mg/L	0.4	0.8	---	---	---	---	---	---
pH		7.7	7.8	7.0	7.2	7.5	---	---	7.4

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMX-738 1988/04/14	MMX-988 1988/10/17	MCL-263 1989/05/11	MLZ-621 1989/10/19	MLY-011 1990/04/11	MLY-161 1990/10/18	MLY-427 1991/06/24	MLY-514 1991/10/20
2,4,5-TP (Silvex)	µg/L	---	---	---	---	---	---	---	---
2,4-D[c]	µg/L	---	---	---	---	---	---	---	---
Alkalinity[c]	mg/L	208	209	216	229	213	220	199	90
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.010	<0.01	<0.010	<0.010	<.01	<.003
Arsenic (Tot)	mg/L	---	---	---	---	---	---	---	---
Barium (Dis)	mg/L	---	---	---	---	---	---	---	---
Barium (Tot)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Dis)	mg/L	---	---	---	---	---	---	---	---
Cadmium (Tot)	mg/L	---	---	---	---	---	---	---	---
Calcium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Chloride	mg/L	---	---	---	---	---	---	---	---
Chromium (Dis)	mg/L	---	---	---	---	---	---	---	---
Chromium (Tot)	mg/L	---	---	---	---	---	---	---	---
Depth To Water[c]	feet	63.55	62.67	62.41	62.88	62.45	64.88	63.39	---
Eh (Ref. to Calomel[c]	mv	---	---	---	---	---	---	---	---
Endrin	mg/L	---	---	---	---	---	---	---	---
Fluoride	mg/L	---	---	---	---	---	---	---	---
gamma-BHC (Lindane)	mg/L	---	---	---	---	---	---	---	---
Gross Alpha	pCi/L	10	11	<12	<11	<11	<17	<9	<13
Gross Beta	mrem/yr	<.592	<.592	<.962	<.666	<.74	---	---	---
Iron (Dis)	mg/L	---	---	---	---	---	---	---	---
Iron (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead (Dis)	mg/L	---	---	---	---	---	---	---	---
Lead (Tot)	mg/L	---	---	---	---	---	---	---	---
Lead-210[c]	pCi/L	---	---	---	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Manganese (Dis)	mg/L	---	---	---	---	---	---	---	---
Manganese (Tot)	mg/L	---	---	---	---	---	---	---	---
Mercury (Dis)	mg/L	---	---	---	---	---	---	---	---
Mercury (Tot)	mg/L	---	---	---	---	---	---	---	---
Methoxychlor	mg/L	---	---	---	---	---	---	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.050	<0.010	<0.01	<0.010	<0.01	<.01	<.018
Oxygen[c]	mg/L	---	---	---	---	---	---	---	---
pH		7.60	7.6	7.40	7.46	7.45	7.75	7.5	7.67

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMH-645 1984/09/24	MMH-707 1984/10/29	MMW-678 1985/04/09	MMT-673 1985/06/10	MMW-467 1985/10/14	MMY-623 1986/06/02	MMZ-205 1986/10/20	MMZ-563 1987/10/13
pH1 (RCRA)[c]		---	7.8	7.0	7.2	7.5	7.7	7.6	---
pH2 (RCRA)[c]		---	7.8	7.0	7.2	7.5	7.75	7.5	---
pH3 (RCRA)[c]		---	7.8	7.0	7.2	7.5	7.75	---	---
pH4 (RCRA)[c]		---	7.8	7.0	7.2	7.5	7.7	---	---
Phenol[c]	mg/L	---	<0.01	<0.01	0.03	<0.01	<.01	<0.005	---
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---	---
Potassium (Dis)[c]	mg/L	3.0	3.3	3.23	3.29	2	---	2.7	---
Radium-226	pCi/L	<2	<2	<1	<1	<1.0	.9	0.6	1.0
Radium-228	pCi/L	---	---	---	---	---	---	---	<1.
Selenium (Dis)	mg/L	<0.01	<0.010	0.006	<.01	<0.005	<0.005	<0.005	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	<0.005	<0.005	---
Silicon[c]	mg/L	4	4.1	4.0	3.9	3.4	---	---	---
Silver (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---	---
Silver (Tot)	mg/L	---	---	---	---	---	<0.005	---	---
Sodium (Dis)[c]	mg/L	66.9	77.3	71.0	68.0	75.0	62.	73.	---
Sodium (Tot)[c]	mg/L	---	---	---	---	---	73.	73.	---
Sp. Cond.[c]	µmhos/cm	542	503	496	590	567	---	---	564.
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	503	496	590	567	563.	350.	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	503	496	590	567	550.	350.	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	503	496	590	567	550.	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	503	496	590	567	512.	---	---
Sulfate	mg/L	100	110	110	96.9	98.4	110.	101.	---
Temperature[c]	deg C	12	10.5	16.5	11.5	11	---	---	10.5
Thorium-230[c]	pCi/L	<1	<1	---	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	1.2	0.9	1.9	2.1	1.0	4.5	---
TOCarbon RCRA (2)[c]	mg/L	---	1.2	1.0	2.0	1.6	0.9	4.6	---
TOCarbon RCRA (3)[c]	mg/L	---	1.2	---	1.7	2.0	0.9	5.0	---
TOCarbon RCRA (4)[c]	mg/L	---	1.2	---	1.4	1.4	1.2	4.7	---
Total Coliform[c]	col/100 mL	---	<1	<1	<1	<1	---	---	---
Total Organic Carbo[c]	mg/L	---	0.8	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	30	<5	139	24	<5.	<5.	---
TOX RCRA (2)[c]	µg/L	---	31	6.7	167	18	6.	<5.	---
TOX RCRA (3)[c]	µg/L	---	24	---	144	14	<5.	<5.	---
TOX RCRA (4)[c]	µg/L	---	36	---	155	18	<5.	<5.	---

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[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMX-738 1988/04/14	MMX-988 1988/10/17	MCL-263 1989/05/11	MLZ-621 1989/10/19	MLY-011 1990/04/11	MLY-161 1990/10/18	MLY-427 1991/06/24	MLY-514 1991/10/20
pH1 (RCRA)[c]		---	---	---	---	---	---	---	---
pH2 (RCRA)[c]		---	---	---	---	---	---	---	---
pH3 (RCRA)[c]		---	---	---	---	---	---	---	---
pH4 (RCRA)[c]		---	---	---	---	---	---	---	---
Phenol[c]	mg/L	---	---	---	---	---	---	---	---
Phosphate[c]	mg/L	---	---	---	---	---	---	---	---
Potassium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Radium-226	pCi/L	1.6	1.4	1.1	1.3	1.3	1.0	.7	1
Radium-228	pCi/L	<1.2	<1.2	<1.0	<2.0	2	<3	<2	<7
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<.005	<.002
Selenium (Tot)	mg/L	---	---	---	---	---	---	---	---
Silicon[c]	mg/L	---	---	---	---	---	---	---	---
Silver (Dis)	mg/L	---	---	---	---	---	---	---	---
Silver (Tot)	mg/L	---	---	---	---	---	---	---	---
Sodium (Dis)[c]	mg/L	---	---	---	---	---	---	---	---
Sodium (Tot)[c]	g/L	---	---	---	---	---	---	---	---
Sp. Cond.[c]	µmhos/cm	584	612	614	580	610	605	634	620
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	---	---	---	---	---	---
Sulfate	mg/L	---	---	---	---	---	---	---	---
Temperature[c]	deg C	11.0	11.6	11.4	11.7	11.1	10.4	---	10.8
Thorium-230[c]	pCi/L	---	---	---	---	---	---	---	<.3
TOCarbon RCRA (1)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (2)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (3)[c]	mg/L	---	---	---	---	---	---	---	---
TOCarbon RCRA (4)[c]	mg/L	---	---	---	---	---	---	---	---
Total Coliform[c]	col/100 mL	---	---	---	---	---	---	---	---
Total Organic Carbo[c]	mg/L	---	---	---	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (2)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (3)[c]	µg/L	---	---	---	---	---	---	---	---
TOX RCRA (4)[c]	µg/L	---	---	---	---	---	---	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMH-645 1984/09/24	MMH-707 1984/10/29	MMW-678 1985/04/09	MMT-673 1985/06/10	MMW-467 1985/10/14	MMY-623 1986/06/02	MMZ-205 1986/10/20	MMZ-563 1987/10/13
Toxaphene	mg/L	---	---	<.00048	<.00048	<.00048	---	---	---
Uranium (Dis)	pCi/L	<.666	.799	<.666	1.998	<.666	---	<.666	<.666
Uranium (Tot)	pCi/L	---	---	---	---	---	---	<.666	---
Uranium-234	pCi/L	---	---	---	---	---	---	---	---
Uranium-238	pCi/L	---	---	---	---	---	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.05	<.05	<.01	---	<0.050	<0.05
Zinc (Dis)	mg/L	0.05	0.35	.44	<.05	<.005	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-74

Chemical Name	Unit	MMX-738 1988/04/14	MMX-988 1988/10/17	MCL-263 1989/05/11	MLZ-621 1989/10/19	MLY-011 1990/04/11	MLY-161 1990/10/18	MLY-427 1991/06/24	MLY-514 1991/10/20
Toxaphene	mg/L	---	---	---	---	---	---	---	---
Uranium (Dis)	pCi/L	<.666	<1.998	<3.33	<3.33	<3.33	---	---	---
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	---
Uranium-234	pCi/L	---	---	---	---	---	0.6	<.1	.4
Uranium-238	pCi/L	---	---	---	---	---	<0.2	<.1	<.3
Vanadium (Dis)[c]	mg/L	<0.05	<0.050	<0.05	<0.05	<0.050	<0.05	<.05	<.01
Zinc (Dis)	mg/L	---	---	---	---	---	---	---	---

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[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-75

Chemical Name	Unit	MMH-642 1984/09/24	MMH-711 1984/10/29	MMW-672 1985/04/09	MMT-667 1985/06/10	MMW-469 1985/10/14	MMY-625 1986/06/02	MMZ-206 1986/10/20
2,4,5-TP (Silvex)	µg/L	---	<0.1	<0.1	<0.1	<0.1	---	---
2,4-D[c]	µg/L	---	<0.2	<0.2	<0.2	<0.2	---	---
Alkalinity[c]	mg/L	221	256	225	220	305	---	---
Arsenic (Dis)	mg/L	<.01	<0.010	<0.010	<.01	<0.010	<0.005	<0.005
Arsenic (Tot)	mg/L	---	---	---	---	---	<0.005	<0.005
Barium (Dis)	mg/L	<0.1	<0.1	<.1	<.1	<.1	<0.10	---
Barium (Tot)	mg/L	---	---	---	---	---	<0.10	---
Cadmium (Dis)	mg/L	---	<0.002	<.001	<0.001	<.001	<0.005	---
Cadmium (Tot)	mg/L	---	---	---	---	---	<0.005	---
Calcium (Dis)[c]	mg/L	21.8	25.6	28.4	28.5	25.6	---	30.
Chloride	mg/L	5	5	5	5.1	5.4	4.4	4.8
Chromium (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.030	---
Chromium (Tot)	mg/L	---	---	---	---	---	<0.030	---
Depth To Water[c]	feet	99.37	96.71	94.75	94.4166	96.39	---	94.8
Eh (Ref. to Calomel[c]	mv	130	120	---	165	120	---	120.
Endrin	mg/L	---	<.00001	<.00001	<.00001	<.00001	---	---
Fluoride	mg/L	---	0.30	0.2	0.2	0.17	0.2	---
gamma-BHC (Lindane)	mg/L	---	<.00001	<.00001	<.00001	<.00001	---	---
Gross Alpha	pCi/L	---	<15	<7	6	<6	---	---
Gross Beta	mrem/yr	---	<3.7	.37	.37	<.666	---	---
Iron (Dis)	mg/L	<0.5	<0.10	<.1	<.1	<.03	<0.10	<0.10
Iron (Tot)	mg/L	---	---	---	---	---	0.44[b]	.282
Lead (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---
Lead (Tot)	mg/L	---	---	---	---	---	<0.025	---
Lead-210[c]	pCi/L	<1.5	<1.5	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	8.8	8.90	8.49	8.71	11.1	---	7.6
Manganese (Dis)	mg/L	<0.5	<0.05	<.05	<.05	.04	<0.050	0.054[b]
Manganese (Tot)	mg/L	---	---	---	---	---	<0.050	.084[b]
Mercury (Dis)	mg/L	---	<0.001	.0002	<.0002	<.0002	<0.001	---
Mercury (Tot)	mg/L	---	---	---	---	---	<0.001	---
Methoxychlor	mg/L	---	<.0005	<.0005	<.0005	<.0005	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.05	<.05	<.05	<.01	---	<.050
Oxygen[c]	mg/L	0.8	---	---	---	---	---	---
pH		8.2	7.8	7.2	7.3	7.7	---	---

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[b]This sample exceed l the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for th.s specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-75

Chemical Name	Unit	MMH-642 1984/09/24	MMH-711 1984/10/29	MMW-672 1985/04/09	MMT-667 1985/06/10	MMW-469 1985/10/14	MMY-625 1986/06/02	MMZ-206 1986/10/20
pH1 (RCRA)[c]		---	7.8	7.2	7.3	7.7	7.8	7.65
pH2 (RCRA)[c]		---	7.8	7.2	7.3	7.7	7.9	7.4
pH3 (RCRA)[c]		---	7.8	7.2	7.3	7.7	7.9	---
pH4 (RCRA)[c]		---	7.8	7.2	7.3	7.7	7.8	---
Phenol[c]	mg/L	---	<0.01	<0.01	<0.01	<0.01	<.01	<0.005
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	3.2	2.9	2.95	2.90	2	---	2.2
Radium-226	pCi/L	<2	<2	<1	<1	<1.0	.3	0.3
Selenium (Dis)	mg/L	<0.01	<0.010	<0.005	<.01	<0.005	<0.005	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	0.010	<0.005
Silicon[c]	mg/L	4	3.9	4.0	4.0	3.9	---	---
Silver (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---
Silver (Tot)	mg/L	---	---	---	---	---	<0.005	---
Sodium (Dis)[c]	mg/L	93.7	109	100	93.2	101	85.	97.
Sodium (Tot)[c]	mg/L	---	---	---	---	---	94.	99.
Sp. Cond.[c]	µmhos/cm	522	340	545	585	574	---	---
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	340	545	585	574	563.	320.
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	340	545	585	574	563.	350.
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	340	545	585	574	557.	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	340	545	585	574	570.	---
Sulfate	mg/L	88	96	93	90.2	88.4	94.5	90.7
Temperature[c]	deg C	14.5	12	10	12	11	---	---
Thorium-230[c]	pCi/L	<1	<1	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	6.2	11.5	3.0	1.0	0.6	8.3
TOCarbon RCRA (2)[c]	mg/L	---	6.0	10.8	3.2	0.8	0.9	9.7
TOCarbon RCRA (3)[c]	mg/L	---	6.0	---	3.2	0.8	0.8	8.5
TOCarbon RCRA (4)[c]	mg/L	---	6.1	---	2.9	1.1	0.8	8.3
Total Coliform[c]	col/100 mL	---	---	<1	<1	<1	---	---
Total Organic Carbo[c]	mg/L	---	7.6	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	150	<5	<5	17	<5.	5.
TOX RCRA (2)[c]	µg/L	---	200	6.1	<5	12	<5.	5.
TOX RCRA (3)[c]	µg/L	---	150	---	<5	18	<5.	<5.
TOX RCRA (4)[c]	µg/L	---	160	---	<5	17	<5.	<5.
Toxaphene	mg/L	---	<.00048	<.00048	<.00048	<.00048	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-75

Chemical Name	Unit	MMH-642 1984/09/24	MMH-711 1984/10/29	MMW-672 1985/04/09	MMT-667 1985/06/10	MMW-469 1985/10/14	MMY-625 1986/06/02	MMZ-206 1986/10/20
Uranium (Dis)	pCi/L	.666	.333	1.998	<.666	<.666	---	<.666
Uranium (Tot)	pCi/L	---	---	---	---	---	---	.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	.10	<.05	<.01	---	<0.050
Zinc (Dis)	mg/L	0.06	0.30	<.05	<.05	<.005	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-76

Chemical Name	Unit	MMH-650 1984/09/24	MMH-641 1984/09/25	MMH-712 1984/10/29	MMW-671 1985/04/09	MMT-666 1985/06/10	MMW-471 1985/10/14	MMY-610 1986/06/02	MMZ-207 1986/10/20
2,4,5-TP (Silvex)	µg/L	---	---	<0.1	<.1	<0.1	<0.1	---	---
2,4-D[c]	µg/L	---	---	<0.2	<.2	<0.2	<0.2	---	---
Alkalinity[c]	mg/L	203	203	226	204	195	294	---	---
Arsenic (Dis)	mg/L	<.01	<.01	<0.010	<0.010	<.01	<0.010	0.006	<0.005
Arsenic (Tot)	mg/L	---	---	---	---	---	---	0.006	<0.005
Barium (Dis)	mg/L	0.1	0.1	0.1	<.1	.1	0.1	0.17	---
Barium (Tot)	mg/L	---	---	---	---	---	---	0.20	---
Cadmium (Dis)	mg/L	---	---	<0.002	<.001	<0.001	<.001	<0.005	---
Cadmium (Tot)	mg/L	---	---	---	---	---	---	<0.005	---
Calcium (Dis)[c]	mg/L	8.7	8.90	10.2	13.2	13.5	15.5	---	17.
Chloride	mg/L	3	3	4	3	4.0	4.0	3.2	3.3
Chromium (Dis)	mg/L	---	---	<0.010	<.01	<0.010	<.01	<0.030	---
Chromium (Tot)	mg/L	---	---	---	---	---	---	0.030	---
Depth To Water[c]	feet	111.83	111.83	110.54	109	---	110.11458	---	109.1
Eh (Ref. to Calomel[c]	mv	20	20	90	---	50	-160	---	10.
Endrin	mg/L	---	---	<.00001	<.00001	<.00001	<.00001	---	---
Fluoride	mg/L	---	---	0.46	0.3	0.3	0.26	0.3	---
gamma-BHC (Lindane)	mg/L	---	---	<.00001	<.00001	<.00001	<.00001	---	---
Gross Alpha	pCi/L	---	---	<15	<6	<4	<7	---	---
Gross Beta	mrem/yr	---	---	<3.7	<.37	.222	<1.332	---	---
Iron (Dis)	mg/L	<0.5	<0.5	<0.10	<.1	<.1	.03	<0.10	<0.10
Iron (Tot)	mg/L	---	---	---	---	---	---	1.10[b]	.127
Lead (Dis)	mg/L	---	---	<0.010	<.01	<0.010	<.01	<0.025	---
Lead (Tot)	mg/L	---	---	---	---	---	---	<0.025	---
Lead-210[c]	pCi/L	<1.5	<1.5	<1.5	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	6.7	6.00	6.30	5.58	4.72	9.05	---	4.6
Manganese (Dis)	mg/L	<0.5	<0.5	<0.05	<.05	<.05	.02	<0.050	<0.025
Manganese (Tot)	mg/L	---	---	---	---	---	---	<0.050	<0.025
Mercury (Dis)	mg/L	---	---	<0.001	<.0002	<.0002	<.0002	<0.001	---
Mercury (Tot)	mg/L	---	---	---	---	---	---	<0.001	---
Methoxychlor	mg/L	---	---	<.0005	<.0005	<.0005	<.0005	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.05	<0.05	<.05	<.05	<.01	---	<.050
Oxygen[c]	mg/L	0.25	0.25	0.6	---	---	---	---	---
pH		8.4	8.4	7.8	6.8	7.7	7.3	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-76

Chemical Name	Unit	MMH-650 1984/09/24	MMH-641 1984/09/25	MMH-712 1984/10/29	MMW-671 1985/04/09	MMT-666 1985/06/10	MMW-471 1985/10/14	MMY-610 1986/06/02	MMZ-207 1986/10/20
pH1 (RCRA)[c]		---	---	7.8	6.8	7.7	7.3	7.8	7.9
pH2 (RCRA)[c]		---	---	7.8	6.8	7.7	7.3	7.9	7.85
pH3 (RCRA)[c]		---	---	7.8	6.8	7.7	7.3	7.9	---
pH4 (RCRA)[c]		---	---	7.8	6.8	7.7	7.3	7.6	---
Phenol[c]	mg/L	---	---	<0.01	<0.01	<0.01	0.32	<.01	0.005
Phosphate[c]	mg/L	---	---	---	---	---	2.3	---	---
Potassium (Dis)[c]	mg/L	2.6	2.6	2.5	2.33	2.30	3	---	1.9
Radium-226	pCi/L	<2	<2	<2	<1	<1	<1.0	.5	<0.1
Selenium (Dis)	mg/L	<0.01	<0.01	<0.010	<0.005	<.01	<0.005	<0.005	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	---	<0.005	<0.005
Silicon[c]	mg/L	3	4	3.9	4.2	4.0	4.9	---	---
Silver (Dis)	g/L	---	---	<0.010	<.01	<0.010	<.01	<0.025	---
Silver (Tot)	mg/L	---	---	---	---	---	---	<0.005	---
Sodium (Dis)[c]	mg/L	87.7	92.8	96.8	90.2	85.3	95.3	77.	89.
Sodium (Tot)[c]	mg/L	---	---	---	---	---	---	90.	90.
Sp. Cond.[c]	µmhos/cm	419	419	403	435	426	574	---	---
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	---	403	435	426	574	544.	300.
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	---	403	435	426	574	490.	300.
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	---	403	435	426	574	490.	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	---	403	435	426	574	544.	---
Sulfate	mg/L	56	56	58	55	52.8	18.8	40.9	44.5
Temperature[c]	deg C	11.5	11.5	12	10	11	11	---	---
Thorium-230[c]	pCi/L	<1	<1	<1	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	---	4.4	3.0	58	131	5.1	1.9
TOCarbon RCRA (2)[c]	mg/L	---	---	4.5	3.0	58	133	5.4	2.1
TOCarbon RCRA (3)[c]	mg/L	---	---	4.5	---	61.0	129	5.1	1.9
TOCarbon RCRA (4)[c]	mg/L	---	---	4.6	---	60.3	127	5.4	1.8
Total Coliform[c]	col/100 mL	---	---	<1	<1	<1	<1	---	---
Total Organic Carbo[c]	mg/L	---	---	5.3	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	---	37	<5	<5	---	24.	<5.
TOX RCRA (2)[c]	µg/L	---	---	34	<5	<5	---	23.	<5.
TOX RCRA (3)[c]	µg/L	---	---	27	---	<5	---	5.	<5.
TOX RCRA (4)[c]	µg/L	---	---	38	---	<5	---	<5.	<5.
Toxaphene	mg/L	---	---	<.00048	<.00048	<.00048	<.00048	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-76

Chemical Name	Unit	MMH-650 1984/09/24	MMH-641 1984/09/25	MMH-712 1984/10/29	MMW-671 1985/04/09	MMT-666 1985/06/10	MMW-471 1985/10/14	MMY-610 1986/06/02	MMZ-207 1986/10/20
Uranium (Dis)	pCi/L	.666	1.332	.666	<.666	<.666	.666	---	<.666
Uranium (Tot)	pCi/L	---	---	---	---	---	---	---	.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	.17	<.05	<.01	---	<0.050
Zinc (Dis)	mg/L	0.24	0.24	0.28	<.05	<.05	<.005	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-77

Chemical Name	Unit	MMH-626 1984/09/24	MMH-705 1984/10/29	MMW-663 1985/04/09	MMT-664 1985/06/10	MMW-465 1985/10/14	MMY-586 1986/06/02	MMZ-208 1986/10/20
2,4,5-TP (Silvex)	µg/L	---	<0.1	<0.1	<0.1	<0.1	---	---
2,4-D[c]	µg/L	---	<0.2	<0.2	<0.2	<0.2	---	---
Alkalinity[c]	mg/L	106	254	219	205	203	---	---
Arsenic (Dis)	mg/L	<.01	<0.010	<0.010	<.01	<0.010	<0.005	<0.005
Arsenic (Tot)	mg/L	---	---	---	---	---	<0.005	<0.005
Barium (Dis)	mg/L	<0.1	<0.1	<.1	<.1	<.1	<0.10	---
Barium (Tot)	mg/L	---	---	---	---	---	<0.10	---
Cadmium (Dis)	mg/L	---	<0.002	<.001	<0.001	<.001	<0.005	---
Cadmium (Tot)	mg/L	---	---	---	---	---	<0.005	---
Calcium (Dis)[c]	mg/L	63.6	69.6	66.6	66.4	65.3	---	69.
Chloride	mg/L	8.6	3	7	3.4	2.9	2.9	3.0
Chromium (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.030	---
Chromium (Tot)	mg/L	---	---	---	---	---	<0.030	---
Depth To Water[c]	feet	110	109.71	108.79	108.42	109.5	---	108.5
Eh (Ref. to Calomel[c]	mv	115	190	---	150	140	---	170.
Endrin	mg/L	---	<.00001	<.00001	<.00001	<.00001	---	---
Fluoride	mg/L	---	0.17	0.1	0.2	0.14	0.2	---
gamma-BHC (Lindane)	mg/L	---	<.00001	<.00001	<.00001	<.00001	---	---
Gross Alpha	pCi/L	---	<15	<8	<6	5.7	---	---
Gross Beta	mrem/yr	---	<3.7	.37	.296	<.666	---	---
Iron (Dis)	mg/L	<0.5	<0.10	.1	<.1	<.03	<0.10	<0.10
Iron (Tot)	mg/L	---	---	---	---	---	1.32[b]	1.28[b]
Lead (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---
Lead (Tot)	mg/L	---	---	---	---	---	<0.025	---
Lead-210[c]	pCi/L	<1.5	<1.5	---	---	---	---	---
Magnesium (Dis)[c]	mg/L	13.1	11.3	11.92	11.3	13.8	---	11.
Manganese (Dis)	mg/L	<0.5	0.36[b]	.33[b]	.31[b]	.31[b]	0.28[b]	0.323[b]
Manganese (Tot)	mg/L	---	---	---	---	---	1.78[b]	2.36[b]
Mercury (Dis)	mg/L	---	<0.001	.0002	<.0002	<.0002	<0.001	---
Mercury (Tot)	mg/L	---	---	---	---	---	<0.001	---
Methoxychlor	mg/L	---	<.0005	<.0005	<.0005	<.0005	---	---
Molybdenum (Dis)	mg/L	<0.05	<0.05	<.05	<.05	<.01	---	<.050
Oxygen[c]	mg/L	0.5	0.8	---	---	---	---	---
pH		7.4	7.4	6.9	7.4	8.0	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-77

Chemical Name	Unit	MMH-626 1984/09/24	MMH-705 1984/10/29	MMW-663 1985/04/09	MMT-664 1985/06/10	MMW-465 1985/10/14	MMY-586 1986/06/02	MMZ-208 1986/10/20
pH1 (RCRA)[c]		---	7.4	6.9	7.4	8.0	7.7	7.45
pH2 (RCRA)[c]		---	7.4	6.9	7.4	8.0	7.7	6.7
pH3 (RCRA)[c]		---	7.4	6.9	7.4	8.0	7.75	---
pH4 (RCRA)[c]		---	7.4	6.9	7.4	8.0	7.7	---
Phenol[c]	mg/L	---	<0.01	<0.01	<0.01	<0.01	<.01	<0.005
Phosphate[c]	mg/L	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	8.2	2.4	2.48	2.56	2	---	2.2
Radium-226	pCi/L	<2	<2	<1	<1	<1.0	.5	0.4
Selenium (Dis)	mg/L	<0.01	<0.010	<0.005	<.01	<0.005	<0.005	<0.005
Selenium (Tot)	mg/L	---	---	---	---	---	<0.005	<0.005
Silicon[c]	mg/L	5	4.0	3.8	3.8	3.7	---	---
Silver (Dis)	mg/L	---	<0.010	<.01	<0.010	<.01	<0.025	---
Silver (Tot)	mg/L	---	---	---	---	---	<0.005	---
Sodium (Dis)[c]	mg/L	47.2	61.4	41.6	40.4	42.1	37.	40.
Sodium (Tot)[c]	mg/L	---	---	---	---	---	41.	40.
Sp. Cond.[c]	µmhos/cm	631	455	521	524	539	---	---
Sp. Cond. RCRA (1)[c]	µmhos/cm	---	455	521	524	539	476.	350.
Sp. Cond. RCRA (2)[c]	µmhos/cm	---	455	521	524	539	476.	330.
Sp. Cond. RCRA (3)[c]	µmhos/cm	---	455	521	524	539	476.	---
Sp. Cond. RCRA (4)[c]	µmhos/cm	---	455	521	524	539	488.	---
Sulfate	g/L	110	98	96	93.1	91.4	104.	96.1
Temperature[c]	deg C	21.5	10	12	11	9	---	---
Thorium-230[c]	pCi/L	<1	<1	---	---	---	---	---
TOCarbon RCRA (1)[c]	mg/L	---	1.0	3.3	17.6	3.0	2.2	0.9
TOCarbon RCRA (2)[c]	mg/L	---	0.9	3.4	16.6	2.7	2.1	0.8
TOCarbon RCRA (3)[c]	mg/L	---	1.0	---	16.9	3.4	2.1	1.0
TOCarbon RCRA (4)[c]	mg/L	---	1.0	---	16.3	2.7	2.2	0.9
Total Coliform[c]	col/100 mL	---	<1	<1	<1	<1	---	---
Total Organic Carbo[c]	mg/L	---	0.8	---	---	---	---	---
TOX RCRA (1)[c]	µg/L	---	76	5.0	32.4	---	<5.	<5.
TOX RCRA (2)[c]	µg/L	---	110	<5	<5	---	7.	<5.
TOX RCRA (3)[c]	µg/L	---	104	---	<5	---	6.	<5.
TOX RCRA (4)[c]	µg/L	---	99	---	<5	---	<5.	<5.
Toxaphene	mg/L	---	<.00048	<.00048	<.00048	<.00048	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
84-77

Chemical Name	Unit	MMH-626 1984/09/24	MMH-705 1984/10/29	MMW-663 1985/04/09	MMT-664 1985/06/10	MMW-465 1985/10/14	MMY-586 1986/06/02	MMZ-208 1986/10/20
Uranium (Dis)	pCi/L	.666	<.333	<.666	<.666	<.666	---	<.666
Uranium (Tot)	pCi/L	---	---	---	---	---	---	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<.05	<.05	<.01	---	<0.050
Zinc (Dis)	mg/L	0.11	0.28	<.05	<.05	<.005	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
86-78

Chemical Name	Unit	MLY-391 1991/06/24	MLY-516 1991/10/20
1,1,1-Trichloroetha	mg/L	<.001	<.001
1,1,2,2-Tetrachloro[c]	µg/L	<1.	<1
1,1,2-Trichloroetha	mg/L	<.001	<.001
1,1-Dichloroethane[c]	µg/L	<1.	<1
1,1-Dichloroethene	mg/L	<.001	<.001
1,2,4-Trichlorobenz[c]	µg/L	<10	---
1,2-dichloro-(Z)-Et[c]	µg/L	---	<1
1,2-Dichlorobenzene[c]	µg/L	<10	---
1,2-Dichloroethane	mg/L	<.001	<.001
1,2-Dichloroethene[c]	µg/L	<1.	---
1,2-Dichloropropane	mg/L	<.001	<.001
1,3-Dichlorobenzene[c]	µg/L	<10	---
1,4-Dichlorobenzene[c]	µg/L	<10	---
2,4,5-T[c]	µg/L	<0.20	---
2,4,5-TP (Silvex)	µg/L	<0.20	---
2,4,5-Trichlorophen[c]	µg/L	<50	---
2,4,6-Trichlorophen[c]	µg/L	<10	---
2,4-D[c]	µg/L	<0.25	---
2,4-DB[c]	µg/L	<0.25	---
2,4-Dichlorophenol[c]	µg/L	<10	---
2,4-Dimethylphenol[c]	µg/L	<10	---
2,4-Dinitrophenol[c]	µg/L	<50	---
2,4-Dinitrotoluene[c]	µg/L	<10	---
2,6-Dinitrotoluene[c]	µg/L	<10	---
2-Butanone[c]	µg/L	<2.	<2
2-Chloronaphthalene[c]	µg/L	<10	---
2-Chlorophenol[c]	µg/L	<10	---
2-Hexanone[c]	µg/L	<2.	<2
2-Methylnaphthalene[c]	µg/L	<10	---
2-Methylphenol[c]	µg/L	<10	---
2-Nitroaniline[c]	µg/L	<50	---
2-Nitrophenol[c]	µg/L	<10	---
3,3'-Dichlorobenzid[c]	µg/L	<20	---
3-Nitroaniline[c]	µg/L	<50	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
86-78

Chemical Name	Unit	MLY-391 1991/06/24	MLY-516 1991/10/20
4,4'-DDD[c]	µg/L	<0.10	---
4,4'-DDE[c]	µg/L	<0.10	---
4,4'-DDT[c]	µg/L	<0.10	---
4,6-Dinitro-2-Methy[c]	µg/L	<50	---
4-Bromophenyl-pheny[c]	µg/L	<10	---
4-Chloro-3-methylph[c]	µg/L	<10	---
4-Chloroaniline[c]	µg/L	<10	---
4-Chlorophenylpheny[c]	µg/L	<10	---
4-Methyl-2-Pentanon[c]	µg/L	<2.	<2
4-Methylphenol[c]	µg/L	<10	---
4-Nitroaniline[c]	µg/L	<50	---
4-Nitrophenol[c]	µg/L	<50	---
Acenaphthene[c]	µg/L	<10	---
Acenaphthylene[c]	µg/L	<10	---
Acetone[c]	µg/L	<2.	<2
Aldrin[c]	µg/L	<0.05	---
Alkalinity[c]	mg/L	248	111
alpha-BHC[c]	µg/L	<0.05	---
alpha-Chlordane[c]	µg/L	<0.50	---
Anthracene[c]	µg/L	<10	---
Aroclor-1016[c]	µg/L	<0.50	---
Aroclor-1221[c]	µg/L	<0.50	---
Aroclor-1232[c]	µg/L	<0.50	---
Aroclor-1242[c]	µg/L	<0.50	---
Aroclor-1248[c]	µg/L	<0.50	---
Aroclor-1254[c]	µg/L	<0.50	---
Aroclor-1260[c]	µg/L	<0.50	---
Benzene	mg/L	<.001	<.001
Benzo(a)anthracene[c]	µg/L	<10	---
Benzo(a)pyrene[c]	µg/L	<10	---
Benzo(b)fluoranthen[c]	µg/L	<10	---
Benzo(g,h,i)perylen[c]	µg/L	<10	---
Benzo(k)fluoranthen[c]	µg/L	<10	---
Benzoic Acid[c]	µg/L	<50	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
86-78

Chemical Name	Unit	MLY-391 1991/06/24	MLY-516 1991/10/20
Benzyl Alcohol[c]	µg/L	<10	---
beta-BHC[c]	µg/L	<0.05	---
bis(2-Chloroethoxy)[c]	µg/L	<10	---
bis(2-chloroisoprop[c]	µg/L	<10	---
bis(2-ethylhexyl)Ph[c]	µg/L	<10	---
bis-(2-Chloroethyl)[c]	µg/L	<10	---
Bromodichloromethan	mg/L	<.001	<.001
Bromoform	mg/L	<.001	<.001
Bromomethane[c]	µg/L	<2.	<2
Butylbenzylphthalat[c]	µg/L	<10	---
Carbon Disulfide[c]	µg/L	<1.	<1
Carbon Tetrachlorid	mg/L	<.001	<.001
Chlorobenzene[c]	µg/L	<1.	<1
Chloroethane[c]	µg/L	<2.	<2
Chloroform	mg/L	<.001	<.001
Chloromethane[c]	µg/L	<2.	<2
Chrysene[c]	µg/L	<10	---
cis-1,3-Dichloropro[c]	µg/L	<1.	<1
Dalapon[c]	µg/L	<5.0	---
delta-BHC[c]	µg/L	<0.05	---
Depth To Water[c]	feet	7.43	---
di-n-Butylphthalate[c]	µg/L	<10	---
di-n-Octylphthalate[c]	µg/L	<10	---
Dibenzo(a,h)anthrac[c]	µg/L	<10	---
Dibenzofuran[c]	µg/L	<10	---
Dibromochloromethan	mg/L	<.001	<.001
Dicamba[c]	µg/L	<0.25	---
Dieldrin[c]	µg/L	<0.10	---
Diethylphthalate[c]	µg/L	<10	---
Dimethylphthalate[c]	µg/L	<10	---
Dinoseb[c]	µg/L	<0.10	---
Endosulfan I[c]	µg/L	<0.05	---
Endosulfan II[c]	µg/L	<0.10	---
Endosulfan Sulfate[c]	µg/L	<0.10	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
86-78

Chemical Name	Unit	MLY-391 1991/06/24	MLY-516 1991/10/20
Endrin	mg/L	<.0001	---
Endrin aldehyde[c]	µg/L	<0.10	---
Endrin Ketone[c]	µg/L	<0.10	---
Ethylbenzene	mg/L	<.001	<.001
Fluoranthene[c]	µg/L	<10	---
Fluorene[c]	µg/L	<10	---
gamma-BHC (Lindane)	mg/L	<.00005	---
gamma-Chlordane[c]	µg/L	<0.50	---
Heptachlor[c]	µg/L	<0.05	---
Heptachlor Epoxide[c]	µg/L	<0.05	---
Hexachlorobenzene[c]	µg/L	<10	---
Hexachlorobutadiene[c]	µg/L	<10	---
Hexachlorocyclopent[c]	µg/L	<10	---
Hexachloroethane[c]	µg/L	<10	---
Indeo(1,2,3-cd)pyre[c]	µg/L	<10	---
Isophorone[c]	µg/L	<10	---
MCPA[c]	µg/L	<250	---
MCPP[c]	µg/L	<200	---
Methoxychlor	mg/L	<.00005	---
Methylene Chloride[c]	µg/L	<1.	<1
n-Nitroso-di-n-prop[c]	µg/L	<10	---
n-Nitrosodiphenylam[c]	µg/L	<10	---
Naphthalene (ACN) ([c]	µg/L	<10	---
Nitrobenzene[c]	µg/L	<10	---
o-Xylene[c]	µg/L	<1.	<1
octamethyl-Cyclotet[c]	µg/L	---	64
Pentachlorophenol[c]	µg/L	<50	---
pH		6.87	6.76
Phenanthrene[c]	µg/L	<10	---
Phenol[c]	µg/L	<10	---
Pyrene[c]	g/L	<10	---
Sp. Cond.[c]	µmhos/cm	1751	1835
Styrene	mg/L	<.001	<.001
Temperature[c]	deg C	6.1	10.1

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
86-78

Chemical Name	Unit	MLY-391 1991/06/24	MLY-516 1991/10/20
Tetrachloroethene	mg/L	<.001	<.001
Toluene	mg/L	<.001	<.001
Toxaphene	mg/L	<.001	---
trans-1,2-Dichloroe	mg/L	---	<.001
trans-1,3-Dichlorop[c]	µg/L	<1.	<1
Trichloroethene	mg/L	<.001	<.001
Vinyl Acetate[c]	µg/L	<2.	<2
Vinyl Chloride	mg/L	<.002	<.002
Xylene	mg/L	<.001	<.001

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
88-87

Chemical Name	Unit	MLY-512 1991/10/20
1,1,1-Trichloroetha	mg/L	<.001
1,1,2,2-Tetrachloro[c]	µg/L	<1
1,1,2-Trichloroetha	mg/L	<.001
1,1-Dichloroethane[c]	µg/L	<1
1,1-Dichloroethene	mg/L	<.001
1,2-dichloro-(Z)-Et[c]	µg/L	<1
1,2-Dichloroethane	mg/L	<.001
1,2-Dichloropropane	mg/L	<.001
2-Butanone[c]	µg/L	<2
2-Hexanone[c]	µg/L	<2
4-Methyl-2-Pentanon[c]	µg/L	<2
Acetone[c]	µg/L	<2
Alkalinity[c]	mg/L	396
Benzene	mg/L	<.001
Bromodichloromethan	mg/L	<.001
Bromoform	µg/L	<.001
Bromomethane[c]	µg/L	<2
Carbon Disulfide[c]	µg/L	<1
Carbon Tetrachlorid	mg/L	<.001
Chlorobenzene[c]	µg/L	<1
Chloroethane[c]	µg/L	<2
Chloroform	mg/L	<.001
Chloromethane[c]	µg/L	<2
cis-1,3-Dichloropro[c]	µg/L	<1
Dibromochloromethan	mg/L	<.001
Ethylbenzene	mg/L	<.001
Methylene Chloride[c]	µg/L	<1
o-Xylene[c]	µg/L	<1
pH		7.18
Sp. Cond.[c]	µmhos/cm	1848
Styrene	mg/L	<.001
Temperature[c]	deg C	11.7
Tetrachloroethene	mg/L	<.001
Toluene	mg/L	<.001

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
88-87

Chemical Name	Unit	MLY-512 1991/10/20
trans-1,2-Dichloroe	mg/L	<.001
trans-1,3-Dichlorop[c]	µg/L	<1
Trichloroethene	mg/L	<.001
Vinyl Acetate[c]	µg/L	<2
Vinyl Chloride	mg/L	<.002
Xylene	mg/L	<.001

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
M-1

Chemical Name	Unit	MMH-228 1984/05/21	MMH-373 1984/07/23
Alkalinity[c]	mg/L	192	800
Arsenic (Dis)	mg/L	<0.01	<0.01
Barium (Dis)	mg/L	<0.10	0.2
Calcium (Dis)[c]	mg/L	81.0	4.2
Chloride	mg/L	3	29
Depth To Water[c]	feet	8.31	88.96
Eh (Ref. to Calomel[c]	mv	175	160
Iron (Dis)	mg/L	<.1	<.5
Magnesium (Dis)[c]	mg/L	11	1.7
Manganese (Dis)	mg/L	0.1[b]	<.5
Molybdenum (Dis)	mg/L	0.051	<0.05
Oxygen[c]	mg/L	2.5	1.1
pH		7.3	7.8
Potassium (Dis)[c]	mg/L	1.6	3.0
Selenium (Dis)	mg/L	<0.01	<0.01
Silicon[c]	mg/L	6.7	3
Sodium (Dis)[c]	mg/L	17.1	409
Sp. Cond.[c]	µmhos/cm	452	1449
Sulfate	mg/L	85	010
Temperature[c]	deg C	10.5	12
Uranium (Dis)	pCi/L	21.312	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05
Zinc (Dis)	mg/L	0.36	3.49

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
M-2

Chemical Name	Unit	MMH-263 1984/05/21	MMH-372 1984/07/23	MMH-635 1984/09/24
Alkalinity[c]	mg/L	564	128	101
Arsenic (Dis)	mg/L	<0.01	<0.01	<.01
Barium (Dis)	mg/L	<0.10	<0.1	<0.1
Calcium (Dis)[c]	mg/L	202	8.69	7.50
Chloride	mg/L	88	5.4	4
Depth To Water[c]	feet	14.52	106.08	106.83
Eh (Ref. to Calomel[c]	mv	-110	150	140
Iron (Dis)	mg/L	0.7[b]	<.5	<0.5
Magnesium (Dis)[c]	mg/L	44	5.3	5.40
Manganese (Dis)	mg/L	2.5[b]	<.5	<0.5
Molybdenum (Dis)	mg/L	0.264[b]	<0.05	<0.05
Oxygen[c]	mg/L	1.2	0.6	0.35
pH		7.0	9.3[b]	9.4[b]
Potassium (Dis)[c]	mg/L	22.5	3.0	2.8
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01
Silicon[c]	mg/L	8.9	<1	<1
Sodium (Dis)[c]	mg/L	370	56	56.4
Sp. Cond.[c]	µmhos/cm	2470	368	304
Sulfate	mg/L	810[b]	057	61
Temperature[c]	deg C	10	11.5	9
Uranium (Dis)	pCi/L	932.4[b]	7.459	<.666
Vanadium (Dis)[c]	mg/L	0.33	<0.05	<0.05
Zinc (Dis)	mg/L	0.06	3.46	1.35

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
M-3

Chemical Name	Unit	MMH-270 1984/05/21
Alkalinity[c]	mg/L	488
Arsenic (Dis)	mg/L	<0.01
Barium (Dis)	mg/L	<0.10
Calcium (Dis)[c]	mg/L	438
Chloride	mg/L	58
Depth To Water[c]	feet	11.94
Iron (Dis)	mg/L	<.1
Magnesium (Dis)[c]	mg/L	190
Manganese (Dis)	mg/L	<.1
Molybdenum (Dis)	mg/L	0.056
Oxygen[c]	mg/L	3.5
pH		7.1
Potassium (Dis)[c]	mg/L	1.08
Selenium (Dis)	mg/L	0.054[b]
Silicon[c]	mg/L	8.6
Sodium (Dis)[c]	mg/L	1000
Sp. Cond.[c]	µmhos/cm	5980
Sulfate	mg/L	3200[b]
Temperature[c]	deg C	10
Uranium (Dis)	pCi/L	1265.4[b]
Vanadium (Dis)[c]	mg/L	<0.05
Zinc (Dis)	mg/L	0.06

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
M-4

Chemical Name	Unit	MMH-262 1984/05/21
Alkalinity[c]	mg/L	342
Arsenic (Dis)	mg/L	<0.01
Barium (Dis)	mg/L	0.10
Calcium (Dis)[c]	mg/L	96
Chloride	mg/L	15
Depth To Water[c]	feet	9.85
Eh (Ref. to Calomel[c]	mv	200
Iron (Dis)	mg/L	<.1
Magnesium (Dis)[c]	mg/L	19
Manganese (Dis)	mg/L	0.4[b]
Molybdenum (Dis)	mg/L	0.330[b]
Oxygen[c]	mg/L	2.8
pH		7.3
Potassium (Dis)[c]	mg/L	1.65
Selenium (Dis)	mg/L	<0.01
Silicon[c]	mg/L	10.2
Sodium (Dis)[c]	mg/L	101
Sp. Cond.[c]	µmhos/cm	922
Sulfate	mg/L	160
Temperature[c]	deg C	11
Uranium (Dis)	pCi/L	1398.6[b]
Vanadium (Dis)[c]	mg/L	<0.05
Zinc (Dis)	mg/L	<0.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
M-5

Chemical Name	Unit	MMH-239 1984/05/21
Alkalinity[c]	mg/L	392
Arsenic (Dis)	mg/L	0.010
Barium (Dis)	mg/L	0.12
Calcium (Dis)[c]	mg/L	214
Chloride	mg/L	110
Depth To Water[c]	feet	11.89
Eh (Ref. to Calomel[c]	mv	190
Iron (Dis)	mg/L	<.1
Magnesium (Dis)[c]	mg/L	43
Manganese (Dis)	mg/L	0.4[b]
Molybdenum (Dis)	mg/L	0.341[b]
Oxygen[c]	mg/L	1.2
pH		6.8
Potassium (Dis)[c]	mg/L	24.1
Selenium (Dis)	mg/L	0.025[b]
Silicon[c]	mg/L	8.0
Sodium (Dis)[c]	mg/L	250
Sp. Cond.[c]	µmhos/cm	2079
Sulfate	mg/L	690[b]
Temperature[c]	deg C	12
Uranium (Dis)	pCi/L	999[b]
Vanadium (Dis)[c]	mg/L	0.39
Zinc (Dis)	mg/L	<0.05

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
MILL 1

Chemical Name	Unit	MMH-112 1984/03/19	MMT-669 1985/06/10	MMW-492 1985/10/14	MMY-608 1986/06/02	MMZ-158 1986/10/20
Alkalinity[c]	mg/L	193	213	262	274.	258.
Aluminum (Dis)	mg/L	<0.10	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<.01	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	17.4	17.1	17.9	18.	17.
Chloride	mg/L	4	3.8	4.5	4.0	8.4
Depth To Water[c]	feet	95.56	95.5	97.04	---	96.1
Eh (Ref. to Calomel[c]	mv	-230	-65	-180	-130.	-170.
Iron (Dis)	mg/L	1.7[b]	.3	3.32[b]	2.2[b]	---
Magnesium (Dis)[c]	mg/L	5.3	4.91	5.10	4.6	4.8
Manganese (Dis)	mg/L	0.4[b]	.20[b]	.45[b]	0.51[b]	---
Molybdenum (Dis)	mg/L	<0.05	<.05	<.01	<0.050	<0.050
Oxygen[c]	mg/L	0.55	---	---	---	---
pH		7.9	7.3	7.5	7.6	7.35
Phosphate[c]	mg/L	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	2.6	2.90	2	2.4	3.1
Radium-226	pCi/L	---	3.5	---	---	---
Selenium (Dis)	mg/L	<0.01	<.01	<0.005	<0.005	<0.005
Silicon[c]	mg/L	2.42	2.1	2.5	3.4	---
Sodium (Dis)[c]	mg/L	83.3	87.9	91.1	104.	85.
Sp. Cond.[c]	µmhos/cm	447	448	473	621.	325.
Sulfate	mg/L	50	43.4	31.4	36.1	22.3
Temperature[c]	deg C	12	13.	11	10.	12.
Uranium (Dis)	pCi/L	7.326	9.324	7.326	9.324	3.33
Uranium-234	pCi/L	---	3	---	---	---
Uranium-238	pCi/L	---	3	---	---	---
Vanadium (Dis)[c]	mg/L	<0.05	<.05	<.01	<0.050	<0.050
Zinc (Dis)	mg/L	<0.1	<.05	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
MILL 2

Chemical Name	Unit	MMH-113 1984/03/19	MMH-189 1984/04/18	MMH-266 1984/05/21	MMH-275 1984/05/21	MMW-664 1985/04/09	MMW-499 1985/10/14	MMY-597 1986/06/02	MMZ-157 1986/10/20
Alkalinity[c]	mg/L	103	100	116	116	128	101	110.	31.
Aluminum (Dis)	mg/L	<0.10	<0.10	---	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.005	<0.005
Barium (Dis)	mg/L	<0.10	<0.10	<0.10	<0.10	<.1	<.1	<0.10	---
Calcium (Dis)[c]	mg/L	9.1	15	10.1	9.96	8.71	11.4	5.1	7.3
Chloride	mg/L	4	5	4	5	4	2.9	4.2	4.0
Depth To Water[c]	feet	105.33	106.69	105.23	105.23	105.33	105.75	---	105.38
Eh (Ref. to Calomel[c]	mv	140	150	120	120	---	130	110.	130.
Iron (Dis)	mg/L	0.1	0.1	0.1	0.1	<.1	.05	<0.030	---
Magnesium (Dis)[c]	mg/L	5.8	5.4	5.5	5.1	5.45	4.60	4.1	4.6
Manganese (Dis)	mg/L	0.1[b]	<0.1	<.1	<.1	<.05	.06[b]	0.011	---
Molybdenum (Dis)	mg/L	<0.05	<0.05	<0.050	<0.050	<.05	.01	<0.050	<0.050
Oxygen[c]	mg/L	---	---	.5	.5	---	---	---	---
pH		9.1[b]	9.0[b]	9.3[b]	9.3[b]	8.7[b]	8.4	8.8[b]	9.1[b]
Phosphate[c]	mg/L	---	---	---	---	---	<0.1	---	---
Potassium (Dis)[c]	mg/L	3.2	3.9	2.94	3.34	3.26	4	3.1	3.1
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	0.007	<0.005
Silicon[c]	mg/L	0.15	0.12	<1.0	<1.0	<.1	<.1	0.27	---
Sodium (Dis)[c]	mg/L	58.4	59	55	55	56.9	26.0	58.	47.
Sp. Cond.[c]	µmhos/cm	334	326	336	336	324	198	275.	190.
Sulfate	mg/L	60	63	63	64	56	16.7	37.2	32.4
Temperature[c]	deg C	12	11	15	15	11	12	14.	13.
Tritium[c]	TU	---	---	<2	<2	---	---	---	---
Uranium (Dis)	pCi/L	<.666	<.666	<.666	<.666	<.666	<.666	<1.998	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<.05	.01	<0.050	<0.050
Zinc (Dis)	mg/L	<0.1	0.14	0.11	0.08	<.05	<.005	<0.010	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
MILL 3

Chemical Name	Unit	MMH-109 1984/03/19	MMH-110 1984/03/19	MMH-188 1984/04/18	MMH-265 1984/05/21	MMH-631 1984/09/24	MMH-738 1984/10/29	MMW-662 1985/04/09	MMW-486 1985/10/14
Alkalinity[c]	mg/L	819	806	821	829	808	807	956	811
Aluminum (Dis)	mg/L	0.20	0.21[b]	0.11	---	---	---	---	---
Arsenic (Dis)	mg/L	<0.01	<0.01	<0.01	0.048	<.01	<0.010	<0.010	<0.010
Barium (Dis)	mg/L	0.26	0.25	0.31	0.30	0.3	0.2	.2	.3
Calcium (Dis)[c]	mg/L	4.3	5.7	10	4.72	2.7	4.3	4.91	3.90
Chloride	mg/L	30	32	31	29	26	22	23	19.5
Depth To Water[c]	feet	88.23	130	87.96	88.21	89.33	89.46	88.21	89.79
Eh (Ref. to Calomel[c]	mv	180	105	185	210	10	-230	---	130
Iron (Dis)	mg/L	<0.1	<0.1	0.1	<.1	<0.5	<0.10	<.1	.03
Magnesium (Dis)[c]	mg/L	1.6	2.1	1.6	1.6	2.2	1.53	1.42	5.20
Manganese (Dis)	mg/L	<0.1	<0.1	<0.1	<.1	<0.5	<0.05	<.05	<.01
Molybdenum (Dis)	mg/L	<0.05	<0.05	<0.05	<0.050	<0.05	<0.05	<.05	<.01
Oxygen[c]	mg/L	2.2	0.7	---	1.7	0.25	---	---	---
pH		8.2	8.3	7.6	7.9	7.8	---	7.4	7.75
Phosphate[c]	mg/L	---	---	---	---	---	---	---	<0.1
Potassium (Dis)[c]	mg/L	3.3	3.3	3.0	3.37	3.5	3.5	3.94	2
Selenium (Dis)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.005	<0.005
Silicon[c]	mg/L	3.29	3.21	2.98	3.2	3	3.2	3.0	2.9
Sodium (Dis)[c]	mg/L	381	374	397	380	390	395	381	350
Sp. Cond.[c]	µmhos/cm	1449	1460	1373	1408	1353	1188	1323	1404
Sulfate	mg/L	<10	<10	<1	1	<1	<1	2	0.4
Temperature[c]	deg C	12	11.5	12	11	13.5	9	12.5	11
Tritium[c]	TU	---	---	---	<2	---	---	---	---
Uranium (Dis)	pCi/L	<.666	<.666	.666	<.666	<.666	.4	<.666	<.666
Vanadium (Dis)[c]	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<.05	<.01
Zinc (Dis)	mg/L	<0.1	<0.1	<0.10	0.10	0.39	0.26	<.05	<.005

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
[c]No standard for this specific constituent.

Summary of Monticello Ground Water Analyses[a]
For
MILL 3

Chemical Name	Unit	MMY-595 1986/06/02	MMZ-176 1986/10/20	MMZ-156 1986/10/20
Alkalinity[c]	mg/L	935.	892.	892.
Aluminum (Dis)	mg/L	---	---	---
Arsenic (Dis)	mg/L	<0.005	<0.005	<0.005
Barium (Dis)	mg/L	0.22	---	---
Calcium (Dis)[c]	mg/L	3.8	3.8	3.9
Chloride	mg/L	44.7	45.4	45.3
Depth To Water[c]	feet	---	86.61	86.61
Eh (Ref. to Calomel[c]	mv	-90.	50.	50.
Iron (Dis)	mg/L	0.11	---	---
Magnesium (Dis)[c]	mg/L	1.6	1.5	1.6
Manganese (Dis)	mg/L	0.015	---	---
Molybdenum (Dis)	mg/L	<0.050	<0.050	<0.050
Oxygen[c]	mg/L	---	---	---
pH		8.1	7.9	7.9
Phosphate[c]	mg/L	---	---	---
Potassium (Dis)[c]	mg/L	3.3	3.3	3.3
Selenium (Dis)	mg/L	<0.005	<0.005	<0.005
Silicon[c]	mg/L	3.2	---	---
Sodium (Dis)[c]	mg/L	500.	402.	398.
Sp. Cond.[c]	µmhos/cm	1688.	1200.	1200.
Sulfate	mg/L	0.7	7.5	1.8
Temperature[c]	deg C	14.	15.	15.
Tritium[c]	TU	---	---	---
Uranium (Dis)	pCi/L	<1.998	<.666	<.666
Vanadium (Dis)[c]	mg/L	<0.050	<0.050	<0.050
Zinc (Dis)	mg/L	<0.010	---	---

[a]A "<" symbol indicates that the maximum concentration was below detection limit (number shown is detection limit). A "~" symbol indicates an approximate value (the value was outside the limits for which the instrument was calibrated).
[b]This sample exceeded the standard. For Ra226, Ra228, U234, U235, and U238, the standards used were total Ra and total U.
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