

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-1	Ammonia	1/31/1980	1.9	mg/L		Extreme
MW-1	Ammonia	4/14/1981		mg/L		Non detect value and no detection limit in lab report
MW-1	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Arsenic	12/10/1986	0.001	mg/L		Duplicate
MW-1	Arsenic	2/20/1987	0.01	mg/L		Duplicate
MW-1	Arsenic	4/29/1987	0.002	mg/L		Duplicate
MW-1	Arsenic	9/1/1981	16	ug/L		Extreme
MW-1	Arsenic	3/9/1989	15	ug/L		Extreme
MW-1	Beryllium	8/18/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Beryllium	11/15/1989	10	ug/L	U	Extreme
MW-1	Beryllium	3/24/1994	10	ug/L	U	Extreme
MW-1	Beryllium	9/9/2002	10	ug/L	U	Extreme
MW-1	Cadmium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Cadmium	12/28/1981	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Cadmium	4/22/1983	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Cadmium	8/18/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Chloride	12/10/1986	8.8	mg/L		Duplicate
MW-1	Chloride	2/20/1987	11	mg/L		Duplicate
MW-1	Chloride	4/28/1987	12.1	mg/L		Duplicate
MW-1	Chloride	8/14/1987	11	mg/L		Duplicate
MW-1	Chloride	11/20/1987	9.3	mg/L		Duplicate
MW-1	Chloride	10/1/1980	30	mg/L		Extreme
MW-1	Chloride	9/1/1981	1	mg/L		Extreme
MW-1	Chloride	12/15/1985	53.2	mg/L		Extreme
MW-1	Chloride	6/26/1986	25	mg/L		Extreme
MW-1	Chloride	9/4/1986	2	mg/L		Extreme
MW-1	Chloride	6/28/1995	30	mg/L		Extreme
MW-1	Chromium	6/28/1985	60	ug/L		Extreme
MW-1	Copper	4/30/1980	20	ug/L		Extreme
MW-1	Copper	5/19/1980	20	ug/L		Extreme
MW-1	Copper	8/19/1980	30	ug/L		Extreme
MW-1	Copper	11/13/1980	9	ug/L		Extreme
MW-1	Copper	1/22/1981	20	ug/L		Extreme
MW-1	Copper	6/13/1984	5	ug/L	U	Extreme
MW-1	Copper	6/28/1985	20	ug/L	U	Extreme
MW-1	Copper	5/11/1999	3	ug/L		Extreme
MW-1	Copper	11/30/2000	12	ug/L	U	Extreme
MW-1	Copper	9/9/2002	12	ug/L	U	Extreme
MW-1	Iron	12/28/1981	2	mg/L		Duplicate
MW-1	Iron	10/31/1979	N/A	mg/L		No value given in lab report
MW-1	Lead	6/18/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	8/14/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	9/1/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	12/28/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	1/28/1982	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Lead	6/16/1980	120	ug/L		Extreme
MW-1	Lead	9/9/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Manganese	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Manganese	10/31/1979	N/A	mg/L		No value given in lab report
MW-1	Mercury	6/13/1984	0.1	mg/L		Possible truncated value, no lab report available
MW-1	Molybdenum	5/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	6/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	7/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	8/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	9/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	10/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	11/13/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	12/10/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	1/22/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	2/12/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	3/19/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	4/14/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	6/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	8/14/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-1	Molybdenum	12/28/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	1/28/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	4/22/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	8/18/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Molybdenum	4/30/1980	190	ug/L		Extreme
MW-1	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-1	Molybdenum	9/9/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Nickel	11/13/1980		mg/L		No value given in lab report
MW-1	Nickel	12/10/1980		mg/L		No value given in lab report
MW-1	Nickel	1/22/1981		mg/L		No value given in lab report
MW-1	Nickel	2/11/1981		pCi/L		No value given in lab report
MW-1	Nickel	4/24/1981		mg/L		No value given in lab report
MW-1	Nitrate	5/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	8/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	10/1/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	11/13/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	12/10/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	1/22/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	2/12/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	3/19/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	4/14/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	6/18/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	8/14/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	9/1/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	1/28/1982	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	6/16/1980	0.06	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	7/16/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	10/31/1979	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	1/31/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	4/30/1980	0.01	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	9/1/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	12/28/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate	9/9/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrate+Nitrite as N	6/16/1980	0.067	mg/L		Extreme
MW-1	Nitrate+Nitrite as N	7/16/1980	0.125	mg/L		Extreme
MW-1	Nitrite	9/1/1980		mg/L		No value given in lab report
MW-1	Nitrite	5/19/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	8/19/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	10/1/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	11/13/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	12/10/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	1/22/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	2/12/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	3/19/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	4/14/1981	0.01	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	6/18/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	8/14/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	9/1/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	1/28/1982	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	6/16/1980	0.007	mg/L		Only using NO3 + NO2 with results for both
MW-1	Nitrite	7/16/1980	0.025	mg/L		Only using NO3 + NO2 with results for both
MW-1	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-1	Selenium	2/20/1987	0.001	mg/L		Duplicate
MW-1	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-1	Selenium	7/23/1985	37	ug/L		Extreme
MW-1	Selenium	12/11/1995	30	ug/L		Extreme
MW-1	Selenium	11/30/2000	52	ug/L		Extreme
MW-1	Silver	5/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-1	Silver	11/13/1980		mg/L		Non detect value and no detection limit in lab report
MW-1	Silver	12/10/1980		mg/L		Non detect value and no detection limit in lab report
MW-1	Silver	1/22/1981		mg/L		Non detect value and no detection limit in lab report
MW-1	Sulfate	12/10/1986	680	mg/L		Duplicate
MW-1	Sulfate	2/20/1987	657	mg/L		Duplicate
MW-1	Sulfate	4/28/1987	664	mg/L		Duplicate
MW-1	Sulfate	8/14/1987	691	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-1	Sulfate	11/20/1987	697	mg/L		Duplicate
MW-1	Sulfate	12/15/1985	1080	mg/L		Extreme
MW-1	Sulfate	6/28/1995	1038	mg/L		Extreme
MW-1	Sulfate	9/9/2002	4410	mg/L		Extreme
MW-1	Sulfate	9/1/1981	38	mg/L		Removed because of TDS calculation inconsistencies
MW-1	Sulfate	10/31/1979	220	mg/L		Removed due to charge balance inconsistencies
MW-1	TDS @ 180 C	12/10/1986	1270	mg/L		Duplicate
MW-1	TDS @ 180 C	2/20/1987	1270	mg/L		Duplicate
MW-1	TDS @ 180 C	4/28/1987	1270	mg/L		Duplicate
MW-1	TDS @ 180 C	8/14/1987	1280	mg/L		Duplicate
MW-1	TDS @ 180 C	11/20/1987	1330	mg/L		Duplicate
MW-1	TDS @ 180 C	10/31/1979	627	mg/L		Extreme
MW-1	TDS @ 180 C	1/31/1980	882	mg/L		Extreme
MW-1	TDS @ 180 C	9/1/1981	246	mg/L		Extreme
MW-1	TDS @ 180 C	12/15/1985	4000	mg/L		Extreme
MW-1	TDS @ 180 C	12/14/1993	1692	mg/L		Extreme
MW-1	Thallium	11/15/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Thallium	9/9/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Uranium	1/31/1980	39.6	ug/L		Extreme
MW-1	Uranium	4/29/1987		mg/L		No value given in lab report
MW-1	Uranium	8/19/1980	6	ppb		Not using U3O8
MW-1	Uranium	9/1/1980	5	ppb		Not using U3O8
MW-1	Uranium	10/1/1980	5	ppb		Not using U3O8
MW-1	Uranium	12/10/1980	22	ppb		Not using U3O8
MW-1	Uranium	1/22/1981	5	ppb		Not using U3O8
MW-1	Uranium	2/12/1981	1	ppb		Not using U3O8
MW-1	Uranium	3/19/1981	4	ppb		Not using U3O8
MW-1	Uranium	4/14/1981	1	ppb		Not using U3O8
MW-1	Uranium	9/1/1981	1	ppb		Not using U3O8
MW-1	Uranium	4/13/1982	2	ug/L		Not using U3O8
MW-1	Uranium	8/4/1982	1	ug/L		Not using U3O8
MW-1	Uranium	9/9/2002	1	ug/L		Split, Duplicate, or Spike
MW-1	Uranium	4/29/1987	1.5	pCi/L		Duplicate
MW-1	Uranium	8/19/1987	2.4E-09	pCi/L		Duplicate
MW-1	Uranium	12/10/1986	2.9	pCi/L		Duplicate
MW-1	Uranium	2/20/1987	0.2	pCi/L		Duplicate
MW-1	Uranium	1/28/1982	1	ug/L		Duplicate
MW-1	Uranium	8/23/1988	107.46	ug/L		Extreme
MW-1	Uranium	8/18/1994	50.15	ug/L		Extreme
MW-1	Uranium	3/24/1994		pCi/L		Non detect value and no detection limit in lab report
MW-1	Uranium	5/19/1980	5	mg/L		Not using U3O8
MW-1	Uranium	6/16/1980	1	mg/L		Not using U3O8
MW-1	Uranium	7/16/1980	1	ppm		Not using U3O8
MW-1	Uranium	1/28/1982	1	ppb		Not using U3O8
MW-1	Uranium	1/28/1982	1	ppb		Not using U3O8
MW-1	Uranium	4/13/1982	2	ug/L		Not using U3O8
MW-1	Uranium	8/4/1982	1	ug/L		Not using U3O8
MW-1	Uranium	12/10/1982	0.001	mg/L		Not using U3O8
MW-1	Uranium	4/22/1983	0.001	ug/L		Not using U3O8
MW-1	Uranium	10/26/1983	0.003	mg/L		Not using U3O8
MW-1	Uranium	3/24/1994	4.06E-10	uCi/ml		Split, Duplicate, or Spike
MW-1	Uranium	9/9/2002	0.001	mg/L		Split, Duplicate, or Spike
MW-1	Vanadium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Vanadium	6/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	8/14/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	1/28/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	4/22/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	12/28/1981	0.5	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Vanadium	9/9/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-1	Zinc	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-1	Zinc	3/19/1981	26000	ug/L		Extreme
MW-1	Zinc	8/14/1981	450	ug/L		Extreme
MW-11	Ammonia	11/27/2000	0.05	mg/L	U	Extreme

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-11	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Arsenic	12/10/1986	0.003	mg/L		Duplicate
MW-11	Arsenic	2/20/1987	0.001	mg/L		Duplicate
MW-11	Arsenic	4/29/1987	0.002	mg/L		Duplicate
MW-11	Beryllium	12/15/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Beryllium	8/23/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Beryllium	11/1/1989	0.01	mg/L		Duplicate
MW-11	Beryllium	11/17/1989	10	ug/L	U	Extreme
MW-11	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-11	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-11	Cadmium	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Cadmium	5/24/1983	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Cadmium	8/23/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Cadmium	11/1/1989	0.005	mg/L		Duplicate
MW-11	Cadmium	11/17/1989	5	ug/L	U	Extreme
MW-11	Cadmium	12/15/1989	7	ug/L		Extreme
MW-11	Cadmium	1/24/1990	7	ug/L		Extreme
MW-11	Cadmium	3/30/1994	5	ug/L	U	Extreme
MW-11	Cadmium	11/6/2001	5	ug/L	U	Extreme
MW-11	Cadmium	9/10/2002	5	ug/L	U	Extreme
MW-11	Chloride	12/10/1986	33	mg/L		Duplicate
MW-11	Chloride	2/20/1987	32	mg/L		Duplicate
MW-11	Chloride	4/28/1987	43.2	mg/L		Duplicate
MW-11	Chloride	8/14/1987	33	mg/L		Duplicate
MW-11	Chloride	11/20/1987	31.9	mg/L		Duplicate
MW-11	Chloride	12/15/1985	71	mg/L		Extreme
MW-11	Chloride	6/26/1986	70	mg/L		Extreme
MW-11	Chloride	3/15/2007	0.031	mg/L		Extreme
MW-11	Chloride	11/27/2000	44.3	mg/L		Duplicate
MW-11	Chromium	11/1/1989	0.01	mg/L		Duplicate
MW-11	Copper	6/12/1984	5	ug/L	U	Extreme
MW-11	Copper	6/28/1985	20	ug/L	U	Extreme
MW-11	Copper	5/11/1999	3	ug/L		Extreme
MW-11	Copper	9/10/2002	12	ug/L	U	Extreme
MW-11	Copper	3/30/2005	17	ug/L		Extreme
MW-11	Fluoride	9/10/2002	0	mg/L		Could not locate F in lab report / UDEQ data
MW-11	Iron	5/24/1983	0.85	ug/L		Extreme
MW-11	Iron	5/24/1983	1.09	ug/L		Extreme
MW-11	Iron	9/10/2002	164	ug/L		Extreme
MW-11	Iron	3/30/2005	3190	ug/L		Extreme
MW-11	Iron	6/20/2006	127	ug/L		Extreme
MW-11	Lead	2/18/1999	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Lead	5/24/1983	20	ug/L		Extreme
MW-11	Lead	6/12/1984	5	ug/L	U	Extreme
MW-11	Lead	9/10/2002	3	ug/L	U	Extreme
MW-11	Lead	3/30/2005	29	ug/L		Extreme
MW-11	Lead	6/20/2006	1.5	ug/L		Extreme
MW-11	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Manganese	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Mercury	11/1/1989	0.0002	mg/L		Duplicate
MW-11	Mercury	6/12/1984	0.1	mg/L		Possible truncated value, no lab report available
MW-11	Molybdenum	5/24/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Molybdenum	8/23/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Molybdenum	11/1/1989	0.01	mg/L		Duplicate
MW-11	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-11	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Nickel	11/1/1989	0.01	mg/L		Duplicate
MW-11	Nickel	11/27/2000	0.05	mg/L	U	Duplicate
MW-11	Nitrate	5/24/1983	0.1			Only using NO3 + NO2 with results for both
MW-11	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-11	Nitrate+Nitrite as N	5/11/1999	0.12	mg/L		Extreme
MW-11	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-11	Selenium	2/20/1987	0.003	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-11	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-11	Selenium	11/20/1987	20	ug/L		Extreme
MW-11	Selenium	11/2/1988	29	ug/L		Extreme
MW-11	Selenium	11/17/1989	20	ug/L		Extreme
MW-11	Silver	5/24/1983	0.01	ug/L	U	Extreme
MW-11	Silver	5/11/1999	1	ug/L	U	Extreme
MW-11	Silver	9/10/2002	2	ug/L	U	Extreme
MW-11	Sulfate	12/10/1986	911	mg/L		Duplicate
MW-11	Sulfate	2/20/1987	895	mg/L		Duplicate
MW-11	Sulfate	4/28/1987	1020	mg/L		Duplicate
MW-11	Sulfate	8/14/1987	951	mg/L		Duplicate
MW-11	Sulfate	11/1/1989	986	mg/L		Duplicate
MW-11	Sulfate	2/15/1984	2250	mg/L		Extreme
MW-11	Sulfate	12/15/1985	79	mg/L		Extreme
MW-11	Sulfate	11/12/1992	1507	mg/L		Extreme
MW-11	TDS @ 180 C	12/10/1986	1710	mg/L		Duplicate
MW-11	TDS @ 180 C	2/20/1987	1710	mg/L		Duplicate
MW-11	TDS @ 180 C	4/28/1987	1880	mg/L		Duplicate
MW-11	TDS @ 180 C	12/15/1985	5100	mg/L		Extreme
MW-11	TDS @ 180 C	11/12/1992	2850	mg/L		Extreme
MW-11	Thallium	12/15/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Thallium	11/1/1989	0.01	mg/L		Duplicate
MW-11	Thallium	11/17/1989	10	ug/L	U	Extreme
MW-11	Uranium	2/15/1984	11.12	ug/L		Extreme
MW-11	Uranium	2/15/1984	11	ug/L		Extreme
MW-11	Uranium	12/4/1984	6.33	ug/L		Extreme
MW-11	Uranium	4/29/1987		mg/L		No value given in lab report
MW-11	Uranium	9/10/2002	1.3	ug/L		Split, Duplicate, or Spike
MW-11	Uranium	4/29/1987	0.3	pCi/L		Duplicate
MW-11	Uranium	8/19/1987	7E-10	pCi/L		Duplicate
MW-11	Uranium	12/10/1986	0.2	pCi/L		Duplicate
MW-11	Uranium	2/20/1987	0.2	pCi/L		Duplicate
MW-11	Uranium	9/27/1985	19.40	ug/L		Extreme
MW-11	Uranium	4/8/1986	10.30	ug/L		Extreme
MW-11	Uranium	9/15/1992	5.06	ug/L		Extreme
MW-11	Uranium	11/12/1992	4.75	ug/L		Extreme
MW-11	Uranium	3/14/2002	5.1	ug/L		Extreme
MW-11	Uranium	3/17/1992	4.03	ug/L		Extreme
MW-11	Uranium	12/16/1982	0.001	ug/L		Not using U3O8
MW-11	Uranium	10/26/1983	0.001	mg/L		Not using U3O8
MW-11	Uranium	3/30/1994	4.74E-10	uCi/ml		Split, Duplicate, or Spike
MW-11	Uranium	3/30/1994	0.2	pCi/L		Split, Duplicate, or Spike
MW-11	Uranium	9/17/1996	8.6	pCi/L		Split, Duplicate, or Spike
MW-11	Uranium	11/27/2000	0.0023	mg/L		Split, Duplicate, or Spike
MW-11	Uranium	9/10/2002	0.001	mg/L		Split, Duplicate, or Spike
MW-11	Uranium	9/10/2002	1	ug/L		Split, Duplicate, or Spike
MW-11	Vanadium	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Vanadium	5/24/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Vanadium	11/1/1989	0.01	mg/L		Duplicate
MW-11	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-11	Zinc	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-11	Zinc	6/28/1985	20	ug/L		Extreme
MW-11	Zinc	5/11/1999	5	ug/L		Extreme
MW-11	Zinc	9/10/2002	30	ug/L	U	Extreme
MW-11	Zinc	3/30/2005	12	ug/L		Extreme
MW-12	Ammonia	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Ammonia	6/12/1984	1	mg/L		Extreme
MW-12	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Arsenic	12/10/1986	0.003	mg/L		Duplicate
MW-12	Arsenic	4/29/1987	0.003	mg/L		Duplicate
MW-12	Arsenic	2/19/1987	0.002	mg/L		Duplicate
MW-12	Arsenic	3/9/1989	36	ug/L		Extreme
MW-12	Arsenic	6/22/1989	21	ug/L		Extreme

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-12	Beryllium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Beryllium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Beryllium	11/28/2000	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Beryllium	11/1/1989	0.01	mg/L		Duplicate
MW-12	Beryllium	11/16/1989	10	ug/L	U	Extreme
MW-12	Beryllium	2/28/1991	4	ug/L		Extreme
MW-12	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-12	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-12	Cadmium	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Cadmium	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Cadmium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Chloride	12/10/1986	64	mg/L		Duplicate
MW-12	Chloride	4/28/1987	62.7	mg/L		Duplicate
MW-12	Chloride	8/14/1987	61	mg/L		Duplicate
MW-12	Chloride	11/20/1987	61.2	mg/L		Duplicate
MW-12	Chloride	2/19/1987	63	mg/L		Duplicate
MW-12	Chloride	6/26/1986	150	mg/L		Extreme
MW-12	Chloride	2/18/1999	28.1	mg/L		Extreme
MW-12	Chloride	11/28/2000	64.4	mg/L		Duplicate
MW-12	Chromium	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Chromium	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Copper	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Copper	6/28/1985	20	ug/L	U	Extreme
MW-12	Copper	5/12/1999	3	ug/L		Extreme
MW-12	Copper	9/10/2002	12	ug/L	U	Extreme
MW-12	Fluoride	9/10/2002	0	mg/L		Could not locate F in lab report / UDEQ data
MW-12	Fluoride	6/22/2005	0.3	mg/L		Duplicate
MW-12	Iron	9/10/2002	182	ug/L		Extreme
MW-12	Iron	6/22/2005	266	ug/L		Extreme
MW-12	Lead	2/18/1999	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Lead	11/28/2000	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Lead	6/12/1984	5	ug/L	U	Extreme
MW-12	Lead	9/10/2002	3	ug/L	U	Extreme
MW-12	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Mercury	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Mercury	6/12/1984	0.1	mg/L		Possible truncated value, no lab report available
MW-12	Molybdenum	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Molybdenum	5/4/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Molybdenum	8/24/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Molybdenum	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-12	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Nickel	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Nickel	11/28/2000	0.05	mg/L	U	Duplicate
MW-12	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-12	Nitrate+Nitrite as N	5/12/1999	0.15	mg/L		Extreme
MW-12	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-12	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-12	Selenium	2/19/1987	0.001	mg/L		Duplicate
MW-12	Sulfate	12/10/1986	2370	mg/L		Duplicate
MW-12	Sulfate	4/28/1987	2300	mg/L		Duplicate
MW-12	Sulfate	2/19/1987	2100	mg/L		Duplicate
MW-12	Sulfate	8/14/1987	2430	mg/L		Duplicate
MW-12	Sulfate	3/27/1986	2530	mg/L		Duplicate
MW-12	Sulfate	12/15/1985	7820	mg/L		Extreme
MW-12	TDS @ 180 C	12/10/1986	4110	mg/L		Duplicate
MW-12	TDS @ 180 C	2/20/1987	4120	mg/L		Duplicate
MW-12	TDS @ 180 C	4/28/1987	4120	mg/L		Duplicate
MW-12	TDS @ 180 C	8/14/1987	3990	mg/L		Duplicate
MW-12	TDS @ 180 C	11/20/1987	4130	mg/L		Duplicate
MW-12	TDS @ 180 C	12/15/1985	5100	mg/L		Extreme
MW-12	Thallium	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Thallium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-12	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Thallium	11/16/1989	10	ug/L	U	Extreme
MW-12	Uranium	2/15/1984	43	ug/L		Extreme
MW-12	Uranium	3/27/2006	0.3	ug/L	U	Extreme
MW-12	Uranium	4/29/1987		mg/L		No value given in lab report
MW-12	Uranium	11/28/2000	0.0198	mg/L		Split, Duplicate, or Spike
MW-12	Uranium	9/10/2002	15.7	ug/L		Split, Duplicate, or Spike
MW-12	Uranium	4/29/1987	10.5	pCi/L		Duplicate
MW-12	Uranium	8/19/1987	0.000000009	pCi/L		Duplicate
MW-12	Uranium	12/10/1986	12.9	pCi/L		Duplicate
MW-12	Uranium	2/20/1987	9.1	pCi/L		Duplicate
MW-12	Uranium	11/3/1988	177	ug/L		Extreme
MW-12	Uranium	12/8/1994	139.25	ug/L		Extreme
MW-12	Uranium	6/27/1995	45.52	ug/L		Extreme
MW-12	Uranium	9/19/1995	41.49	ug/L		Extreme
MW-12	Uranium	10/27/1983	0.015	mg/L		Not using U3O8
MW-12	Uranium	3/30/1994	9.48E-09	uCi/ml		Split, Duplicate, or Spike
MW-12	Uranium	3/30/1994	8.9	pCi/L		Split, Duplicate, or Spike
MW-12	Uranium	9/10/2002	18	ug/L		Split, Duplicate, or Spike
MW-12	Uranium	9/10/2002	0.019	mg/L		Split, Duplicate, or Spike
MW-12	Vanadium	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Vanadium	11/1/1989	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Vanadium	5/4/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Vanadium	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-12	Zinc	6/12/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-12	Zinc	6/28/1985	89	ug/L		Extreme
MW-13	Arsenic	12/10/1986	0.003	mg/L		Duplicate
MW-13	Arsenic	2/20/1987	0.001	mg/L		Duplicate
MW-13	Arsenic	4/29/1987	0.002	mg/L		Duplicate
MW-13	Chloride	1/8/1998	59.8	mg/L		Duplicate
MW-13	Chloride	9/24/1998	39.5	mg/L		Duplicate
MW-13	Chloride	9/3/2000	66.2	mg/L		Duplicate
MW-13	Chloride	11/28/2001	44.1	mg/L		Duplicate
MW-13	Chloride	12/10/1986	50	mg/L		Duplicate
MW-13	Chloride	2/20/1987	48	mg/L		Duplicate
MW-13	Chloride	4/28/1987	48.7	mg/L		Duplicate
MW-13	Chloride	11/20/1987	49.2	mg/L		Duplicate
MW-13	Chloride	8/14/1987	51	mg/L		Duplicate
MW-13	Nickel	1/8/1998	0.05	mg/L	U	Duplicate
MW-13	Nickel	9/24/1998	0.05	mg/L	U	Duplicate
MW-13	Nickel	9/3/2000	0.05	mg/L	U	Duplicate
MW-13	Nickel	11/28/2001	0.05	mg/L	U	Duplicate
MW-13	pH	1/8/1998	7.75	s.u.		Duplicate
MW-13	pH	9/24/1998	7.1	s.u.		Duplicate
MW-13	pH	9/3/2000	3.77	s.u.		Duplicate
MW-13	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-13	Selenium	2/20/1987	0.007	mg/L		Duplicate
MW-13	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-13	Sulfate	12/10/1986	2240	mg/L		Duplicate
MW-13	Sulfate	2/20/1987	1990	mg/L		Duplicate
MW-13	Sulfate	4/28/1987	2270	mg/L		Duplicate
MW-13	Sulfate	8/14/1987	2380	mg/L		Duplicate
MW-13	TDS @ 180 C	12/10/1986	3820	mg/L		Duplicate
MW-13	TDS @ 180 C	2/20/1987	3780	mg/L		Duplicate
MW-13	TDS @ 180 C	4/28/1987	3810	mg/L		Duplicate
MW-13	Uranium	9/3/2000	0.0154	mg/L		Split, Duplicate, or Spike
MW-13	Uranium	11/28/2001	0.047	mg/L		Split, Duplicate, or Spike
MW-13	Uranium	1/8/1998	0.015	mg/L		Split, Duplicate, or Spike
MW-13	Uranium	9/24/1998	0.0502	mg/L		Split, Duplicate, or Spike
MW-13A	Ammonia	9/10/2002	0.64	mg/L		Duplicate
MW-13A	Arsenic	11/13/1990	0.001	mg/L	U	Duplicate
MW-13A	Arsenic	9/10/2002	0.001	mg/L	U	Duplicate
MW-13A	Beryllium	9/10/2002	0.01	mg/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-13A	Cadmium	9/10/2002	0.005	mg/L	U	Duplicate
MW-13A	Chloride	11/13/1990	63	mg/L		Duplicate
MW-13A	Chloride	3/23/2001	35.3	mg/L		Duplicate
MW-13A	Chloride	6/12/2001	36	mg/L		Duplicate
MW-13A	Chloride	3/14/2002	29.8	mg/L		Duplicate
MW-13A	Chloride	5/20/2002	36.3	mg/L		Duplicate
MW-13A	Chloride	11/21/2002	21	mg/L		Duplicate
MW-13A	Chloride	3/20/2003	33	mg/L		Duplicate
MW-13A	Chloride	6/27/2003	30.4	mg/L		Duplicate
MW-13A	Chloride	9/24/2003	33	mg/L		Duplicate
MW-13A	Chloride	3/19/2004	35.2	mg/L		Duplicate
MW-13A	Chloride	5/27/2004	36	mg/L		Duplicate
MW-13A	Chloride	9/14/2004	33.3	mg/L		Duplicate
MW-13A	Chloride	11/9/2004	20.1	mg/L		Duplicate
MW-13A	Chloride	9/10/2002	31100	ug/L		Duplicate
MW-13A	Chloride	9/10/2002	33	mg/L		Duplicate
MW-13A	Chromium	9/10/2002	0.05	mg/L	U	Duplicate
MW-13A	Copper	9/10/2002	0.01	mg/L	U	Duplicate
MW-13A	Fluoride	9/10/2002	0.5	mg/L		Duplicate
MW-13A	Lead	9/10/2002	0.05	mg/L	U	Duplicate
MW-13A	Manganese	9/10/2002	0.1	mg/L		Duplicate
MW-13A	Mercury	9/10/2002	0.001	mg/L	U	Duplicate
MW-13A	Molybdenum	9/10/2002	0.1	mg/L	U	Duplicate
MW-13A	Nickel	3/23/2001	0.05	mg/L	U	Duplicate
MW-13A	Nickel	6/12/2001	0.05	mg/L	U	Duplicate
MW-13A	Nickel	3/14/2002	0.05	mg/L	U	Duplicate
MW-13A	Nickel	5/20/2002	0.05	mg/L	U	Duplicate
MW-13A	Nickel	11/21/2002	0.05	mg/L	U	Duplicate
MW-13A	Nickel	3/20/2003	0.05	mg/L	U	Duplicate
MW-13A	Nickel	6/27/2003	0.05	mg/L	U	Duplicate
MW-13A	Nickel	9/24/2003	0.05	mg/L	U	Duplicate
MW-13A	Nickel	3/19/2004	0.05	mg/L	U	Duplicate
MW-13A	Nickel	5/27/2004	0.05	mg/L	U	Duplicate
MW-13A	Nickel	9/14/2004	0.05	mg/L	U	Duplicate
MW-13A	Nickel	11/9/2004	0.001	mg/L	U	Duplicate
MW-13A	Nickel	9/10/2002	50	ug/L	U	Duplicate
MW-13A	Nickel	9/10/2002	0.05	mg/L	U	Duplicate
MW-13A	pH	11/13/1990	7.49	s.u.		Duplicate
MW-13A	pH	3/23/2001	7.52	s.u.		Duplicate
MW-13A	pH	6/12/2001	7.98	s.u.		Duplicate
MW-13A	pH	3/14/2002	7.8	s.u.		Duplicate
MW-13A	pH	3/20/2003	8.23	s.u.		Duplicate
MW-13A	pH	9/10/2002	8.25	s.u.		Duplicate
MW-13A	Selenium	11/13/1990	0.001	mg/L	U	Duplicate
MW-13A	Selenium	9/10/2002	0.002	mg/L		Duplicate
MW-13A	Silver	9/10/2002	0.01	mg/L	U	Duplicate
MW-13A	Sulfate	11/13/1990	2420	mg/L		Duplicate
MW-13A	Sulfate	9/10/2002	1160	mg/L		Duplicate
MW-13A	TDS @ 180 C	11/13/1990	3810	mg/L		Duplicate
MW-13A	TDS @ 180 C	9/10/2002	2130	mg/L		Duplicate
MW-13A	TDS @ 180 C	9/10/2002	2130	mg/L		Duplicate
MW-13A	Thallium	9/10/2002	0.01	mg/L	U	Duplicate
MW-13A	Uranium	9/10/2002	1.3	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	11/13/1990	9.6	pCi/L		Split, Duplicate, or Spike
MW-13A	Uranium	3/23/2001	0.0032	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	6/12/2001	0.0026	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	3/14/2002	0.0016	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	5/20/2002	0.0011	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	9/10/2002	1	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	9/10/2002	0.001	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	11/21/2002	0.0009	mg/L		Split, Duplicate, or Spike
MW-13A	Uranium	3/20/2003	1.1	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	6/27/2003	1.3	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	9/24/2003	1	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	3/19/2004	1	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	5/27/2004	1	ug/L		Split, Duplicate, or Spike
MW-13A	Uranium	9/14/2004	1	ug/L		Split, Duplicate, or Spike

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-13A	Uranium	11/9/2004	1	ug/L		Split, Duplicate, or Spike
MW-13A	Vanadium	9/10/2002	0.1	mg/L	U	Duplicate
MW-13A	Zinc	9/10/2002	0.01	mg/L	U	Duplicate
MW-14	Ammonia	11/1/1989	0.1	mg/L		Duplicate
MW-14	Beryllium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Beryllium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Beryllium	11/28/2000	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Beryllium	11/1/1989	0.01	mg/L		Duplicate
MW-14	Beryllium	11/17/1989	10	ug/L	U	Extreme
MW-14	Beryllium	3/4/1991	3	ug/L		Extreme
MW-14	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-14	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-14	Cadmium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Cadmium	11/1/1989	0.005	mg/L		Duplicate
MW-14	Chloride	5/11/1999	8.9	mg/L		Extreme
MW-14	Chloride	5/11/1999	33.6	mg/L		Extreme
MW-14	Chloride	11/27/2000	24.8	mg/L		Duplicate
MW-14	Chromium	11/1/1989	0.01	mg/L		Duplicate
MW-14	Copper	5/11/1999	4	ug/L	U	Extreme
MW-14	Copper	9/10/2002	12	ug/L	U	Extreme
MW-14	Fluoride	5/11/1999	0.18	mg/L		Extreme
MW-14	Fluoride	9/10/2002	0.1	mg/L		Extreme
MW-14	Fluoride	10/25/2006	0.3	mg/L		Extreme
MW-14	Gross Alpha minus Rn & U	12/13/2005	1.3	pCi/L		Extreme
MW-14	Iron	5/11/1999	1110	ug/L		Extreme
MW-14	Iron	11/6/2001	50	ug/L	U	Extreme
MW-14	Iron	9/10/2002	20	ug/L	U	Extreme
MW-14	Iron	3/30/2005	83	ug/L		Extreme
MW-14	Lead	2/18/1999	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Lead	11/28/2000	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Lead	9/10/2002	3	ug/L	U	Extreme
MW-14	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Mercury	11/1/1989	0.0002	mg/L		Duplicate
MW-14	Mercury	11/17/1989	0.2	ug/L	U	Extreme
MW-14	Mercury	12/18/1989	0.2	ug/L	U	Extreme
MW-14	Mercury	1/25/1990	0.2	ug/L	U	Extreme
MW-14	Mercury	5/11/1999	1	ug/L	U	Extreme
MW-14	Mercury	11/28/2000	1	ug/L	U	Extreme
MW-14	Mercury	11/6/2001	1	ug/L	U	Extreme
MW-14	Mercury	9/10/2002	0.2	ug/L	U	Extreme
MW-14	Mercury	9/10/2002	1	ug/L	U	Extreme
MW-14	Molybdenum	8/24/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Molybdenum	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Molybdenum	11/1/1989	0.02	mg/L		Duplicate
MW-14	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Nickel	11/1/1989	0.03	mg/L		Duplicate
MW-14	Nickel	11/27/2000	0.05	mg/L	U	Duplicate
MW-14	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-14	Nitrate+Nitrite as N	5/11/1999	0.25	mg/L		Extreme
MW-14	pH	11/28/2000	7.96	s.u.		Extreme
MW-14	pH	11/9/2001	6	s.u.		Extreme
MW-14	pH	9/10/2002	7.82	s.u.		Extreme
MW-14	pH	6/27/2003	8.21	s.u.		Extreme
MW-14	Silver	5/11/1999	1	ug/L	U	Extreme
MW-14	Silver	9/10/2002	2	ug/L	U	Extreme
MW-14	Sulfate	12/18/1989	1160	mg/L		Extreme
MW-14	Sulfate	5/8/1990	1160	mg/L		Extreme
MW-14	TDS @ 180 C	3/4/1991	2684	mg/L		Extreme
MW-14	Thallium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Thallium	11/1/1989	0.01	mg/L		Duplicate
MW-14	Thallium	11/17/1989	10	ug/L	U	Extreme
MW-14	Uranium	9/10/2002	56.7	ug/L		Split, Duplicate, or Spike

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-14	Uranium	12/8/1994	6.03E-08	uCi/ml	U	Detection Limit insensitive to GWQS
MW-14	Uranium	9/19/1995	150.75	ug/L		Extreme
MW-14	Uranium	3/30/1994	3.18E-08	uCi/ml		Split, Duplicate, or Spike
MW-14	Uranium	3/30/1994	33	pCi/L		Split, Duplicate, or Spike
MW-14	Uranium	6/7/1996	34.5	pCi/L		Split, Duplicate, or Spike
MW-14	Uranium	11/27/2000	0.0602	mg/L		Split, Duplicate, or Spike
MW-14	Uranium	9/10/2002	66	ug/L		Split, Duplicate, or Spike
MW-14	Uranium	9/10/2002	0.072	mg/L		Split, Duplicate, or Spike
MW-14	Vanadium	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14	Vanadium	11/1/1989	0.01	mg/L		Duplicate
MW-14	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-14A	Arsenic	9/24/1991	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	3/18/1992	0.002	mg/L		Duplicate
MW-14A	Arsenic	9/15/1992	0.004	mg/L		Duplicate
MW-14A	Arsenic	3/24/1993	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	9/23/1993	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	8/18/1994	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	8/18/1994	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	3/16/1995	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	6/27/1995	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	6/27/1995	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	12/7/1995	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	12/7/1995	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	6/5/1996	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	11/22/1996	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	3/24/1994	0.001	mg/L	U	Duplicate
MW-14A	Arsenic	3/24/1994	0.001	mg/L		Duplicate
MW-14A	Beryllium	9/24/1991	0.001	mg/L	U	Duplicate
MW-14A	Beryllium	3/18/1992	0.001	mg/L	U	Duplicate
MW-14A	Beryllium	9/15/1992	0.001	mg/L	U	Duplicate
MW-14A	Beryllium	3/24/1993	0.001	mg/L	U	Duplicate
MW-14A	Beryllium	9/23/1993	0.0002	mg/L	U	Duplicate
MW-14A	Beryllium	8/18/1994	0.0002	mg/L	U	Duplicate
MW-14A	Beryllium	8/18/1994	0.01	mg/L	U	Duplicate
MW-14A	Beryllium	3/24/1994	0.0002	mg/L	U	Duplicate
MW-14A	Beryllium	3/24/1994	0.01	mg/L	U	Duplicate
MW-14A	Cadmium	9/24/1991	0.001	mg/L	U	Duplicate
MW-14A	Cadmium	3/18/1992	0.001	mg/L	U	Duplicate
MW-14A	Cadmium	9/15/1992	0.001	mg/L	U	Duplicate
MW-14A	Cadmium	3/24/1993	0.001	mg/L	U	Duplicate
MW-14A	Cadmium	9/23/1993	0.0001	mg/L		Duplicate
MW-14A	Cadmium	8/18/1994	0.0001	mg/L	U	Duplicate
MW-14A	Cadmium	8/18/1994	0.01	mg/L	U	Duplicate
MW-14A	Cadmium	3/24/1994	0.0001	mg/L	U	Duplicate
MW-14A	Cadmium	3/24/1994	0.005	mg/L	U	Duplicate
MW-14A	Chloride	5/21/1991	8	mg/L		Duplicate
MW-14A	Chloride	9/24/1991	14	mg/L		Duplicate
MW-14A	Chloride	12/4/1991	46	mg/L		Duplicate
MW-14A	Chloride	3/18/1992	62	mg/L		Duplicate
MW-14A	Chloride	6/12/1992	5	mg/L		Duplicate
MW-14A	Chloride	9/15/1992	46	mg/L		Duplicate
MW-14A	Chloride	12/9/1992	71	mg/L		Duplicate
MW-14A	Chloride	3/24/1993	34	mg/L		Duplicate
MW-14A	Chloride	6/9/1993	6	mg/L		Duplicate
MW-14A	Chloride	9/23/1993	93	mg/L		Duplicate
MW-14A	Chloride	8/18/1994	14.4	mg/L		Duplicate
MW-14A	Chloride	8/18/1994	16	mg/L		Duplicate
MW-14A	Chloride	12/7/1994	49	mg/L		Duplicate
MW-14A	Chloride	12/7/1994	56.8	mg/L		Duplicate
MW-14A	Chloride	3/16/1995	39	mg/L		Duplicate
MW-14A	Chloride	6/27/1995	30	mg/L		Duplicate
MW-14A	Chloride	6/27/1995	35	mg/L		Duplicate
MW-14A	Chloride	3/27/1996	21.6	mg/L		Duplicate
MW-14A	Chloride	6/5/1996	176	mg/L		Duplicate
MW-14A	Chloride	9/12/1996	37	mg/L		Duplicate
MW-14A	Chloride	11/22/1996	27.2	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-14A	Chloride	3/19/1997	29.8	mg/L		Duplicate
MW-14A	Chloride	6/11/1997	29.4	mg/L		Duplicate
MW-14A	Chloride	9/30/1997	51.8	mg/L		Duplicate
MW-14A	Chloride	3/16/1998	48	mg/L		Duplicate
MW-14A	Chloride	5/12/1998	58	mg/L		Duplicate
MW-14A	Chloride	9/24/1998	47	mg/L		Duplicate
MW-14A	Chloride	11/3/1998	49.5	mg/L		Duplicate
MW-14A	Chloride	2/18/1999	49.5	mg/L		Duplicate
MW-14A	Chloride	5/12/1999	46.8	mg/L		Duplicate
MW-14A	Chloride	9/30/1999	33	mg/L		Duplicate
MW-14A	Chloride	12/9/1999	27.1	mg/L		Duplicate
MW-14A	Chloride	6/7/2000	54.1	mg/L		Duplicate
MW-14A	Chloride	3/24/1994	1060	mg/L		Duplicate
MW-14A	Chloride	3/24/1994	1108	mg/L		Duplicate
MW-14A	Lead	2/18/1999	0.05	mg/L	U	Duplicate
MW-14A	Molybdenum	9/24/1991	0.001	mg/L		Duplicate
MW-14A	Molybdenum	3/18/1992	0.002	mg/L		Duplicate
MW-14A	Molybdenum	9/15/1992	0.001	mg/L	U	Duplicate
MW-14A	Molybdenum	3/24/1993	0.001	mg/L	U	Duplicate
MW-14A	Molybdenum	9/23/1993	0.004	mg/L		Duplicate
MW-14A	Molybdenum	8/18/1994	0.001	mg/L	U	Duplicate
MW-14A	Molybdenum	8/18/1994	0.1	mg/L	U	Duplicate
MW-14A	Molybdenum	3/24/1994	0.001	mg/L	U	Duplicate
MW-14A	Molybdenum	3/24/1994	0.01	mg/L	U	Duplicate
MW-14A	Nickel	9/24/1991	0.01	mg/L	U	Duplicate
MW-14A	Nickel	3/18/1992	0.01	mg/L	U	Duplicate
MW-14A	Nickel	9/15/1992	0.001	mg/L	U	Duplicate
MW-14A	Nickel	3/24/1993	0.005	mg/L		Duplicate
MW-14A	Nickel	9/23/1993	0.001	mg/L	U	Duplicate
MW-14A	Nickel	8/18/1994	0.001	mg/L	U	Duplicate
MW-14A	Nickel	8/18/1994	0.05	mg/L	U	Duplicate
MW-14A	Nickel	6/27/1995	0.02	mg/L		Duplicate
MW-14A	Nickel	6/27/1995	0.05	mg/L	U	Duplicate
MW-14A	Nickel	12/7/1995	0.02	mg/L		Duplicate
MW-14A	Nickel	12/7/1995	0.05	mg/L	U	Duplicate
MW-14A	Nickel	3/27/1996	0.05	mg/L	U	Duplicate
MW-14A	Nickel	6/5/1996	0.05	mg/L	U	Duplicate
MW-14A	Nickel	9/12/1996	0.05	mg/L	U	Duplicate
MW-14A	Nickel	11/22/1996	0.05	mg/L	U	Duplicate
MW-14A	Nickel	3/19/1997	0.05	mg/L	U	Duplicate
MW-14A	Nickel	6/11/1997	0.05	mg/L	U	Duplicate
MW-14A	Nickel	9/30/1997	0.05	mg/L	U	Duplicate
MW-14A	Nickel	3/16/1998	0.05	mg/L	U	Duplicate
MW-14A	Nickel	5/12/1998	0.05	mg/L	U	Duplicate
MW-14A	Nickel	9/24/1998	6	ug/L		Duplicate
MW-14A	Nickel	11/3/1998	0.05	mg/L	U	Duplicate
MW-14A	Nickel	2/18/1999	0.05	mg/L	U	Duplicate
MW-14A	Nickel	5/12/1999	0.05	mg/L	U	Duplicate
MW-14A	Nickel	9/30/1999	0.05	mg/L	U	Duplicate
MW-14A	Nickel	12/9/1999	0.05	mg/L	U	Duplicate
MW-14A	Nickel	3/17/2000	0.05	mg/L	U	Duplicate
MW-14A	Nickel	6/7/2000	0.05	mg/L	U	Duplicate
MW-14A	Nickel	3/24/1994	0.001	mg/L	U	Duplicate
MW-14A	Nickel	3/24/1994	0.01	mg/L	U	Duplicate
MW-14A	pH	3/24/1993	6.82	s.u.		Duplicate
MW-14A	pH	6/9/1993	7.26	s.u.		Duplicate
MW-14A	pH	8/18/1994	7.26	s.u.		Duplicate
MW-14A	pH	12/7/1994	7.63	s.u.		Duplicate
MW-14A	pH	3/16/1995	7.1	s.u.		Duplicate
MW-14A	pH	6/27/1995	7.91	s.u.		Duplicate
MW-14A	pH	12/7/1995	7.09	s.u.		Duplicate
MW-14A	pH	3/27/1996	6.97	s.u.		Duplicate
MW-14A	pH	6/5/1996	6.76	s.u.		Duplicate
MW-14A	pH	9/12/1996	6.87	s.u.		Duplicate
MW-14A	pH	11/22/1996	7.24	s.u.		Duplicate
MW-14A	pH	3/19/1997	7.72	s.u.		Duplicate
MW-14A	pH	6/11/1997	7.9	s.u.		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-14A	pH	9/30/1997	7.7	s.u.		Duplicate
MW-14A	pH	3/16/1998	7.51	s.u.		Duplicate
MW-14A	pH	5/12/1998	8.1	s.u.		Duplicate
MW-14A	pH	9/24/1998	6.8	s.u.		Duplicate
MW-14A	pH	11/3/1998	5.88	s.u.		Duplicate
MW-14A	pH	2/18/1999	7.43	s.u.		Duplicate
MW-14A	pH	5/12/1999	7	s.u.		Duplicate
MW-14A	pH	9/30/1999	6.85	s.u.		Duplicate
MW-14A	pH	12/9/1999	6.7	s.u.		Duplicate
MW-14A	pH	6/7/2000	7.54	s.u.		Duplicate
MW-14A	Selenium	9/24/1991	0.002	mg/L	U	Duplicate
MW-14A	Selenium	3/18/1992	0.002	mg/L	U	Duplicate
MW-14A	Selenium	9/15/1992	0.002	mg/L	U	Duplicate
MW-14A	Selenium	3/24/1993	0.002	mg/L		Duplicate
MW-14A	Selenium	9/23/1993	0.002	mg/L	U	Duplicate
MW-14A	Selenium	8/18/1994	0.001	mg/L	U	Duplicate
MW-14A	Selenium	8/18/1994	0.002	mg/L	U	Duplicate
MW-14A	Selenium	3/16/1995	0.004	mg/L		Duplicate
MW-14A	Selenium	6/27/1995	0.001	mg/L		Duplicate
MW-14A	Selenium	6/27/1995	0.01	mg/L	U	Duplicate
MW-14A	Selenium	12/7/1995	0.004	mg/L		Duplicate
MW-14A	Selenium	12/7/1995	0.005	mg/L		Duplicate
MW-14A	Selenium	6/5/1996	0.032	mg/L		Duplicate
MW-14A	Selenium	11/22/1996	0.001	mg/L	U	Duplicate
MW-14A	Selenium	3/24/1994	0.002	mg/L	U	Duplicate
MW-14A	Selenium	3/24/1994	0.002	mg/L	U	Duplicate
MW-14A	Sulfate	5/21/1991	1877	mg/L		Duplicate
MW-14A	Sulfate	9/24/1991	665	mg/L		Duplicate
MW-14A	Sulfate	12/4/1991	1916	mg/L		Duplicate
MW-14A	Sulfate	3/18/1992	2337	mg/L		Duplicate
MW-14A	Sulfate	6/12/1992	1867	mg/L		Duplicate
MW-14A	Sulfate	9/15/1992	1055	mg/L		Duplicate
MW-14A	Sulfate	12/9/1992	2339	mg/L		Duplicate
MW-14A	Sulfate	3/24/1993	1371	mg/L		Duplicate
MW-14A	Sulfate	6/9/1993	1768	mg/L		Duplicate
MW-14A	Sulfate	9/23/1993	1816	mg/L		Duplicate
MW-14A	Sulfate	8/18/1994	678	mg/L		Duplicate
MW-14A	Sulfate	8/18/1994	700	mg/L		Duplicate
MW-14A	Sulfate	12/7/1994	1036	mg/L		Duplicate
MW-14A	Sulfate	12/7/1994	1085	mg/L		Duplicate
MW-14A	Sulfate	3/16/1995	2282	mg/L		Duplicate
MW-14A	Sulfate	6/27/1995	707	mg/L		Duplicate
MW-14A	Sulfate	6/27/1995	1014	mg/L		Duplicate
MW-14A	Sulfate	3/27/1996	2092	mg/L		Duplicate
MW-14A	Sulfate	6/5/1996	2108	mg/L		Duplicate
MW-14A	Sulfate	9/12/1996	2299	mg/L		Duplicate
MW-14A	Sulfate	11/22/1996	2500	mg/L		Duplicate
MW-14A	Sulfate	3/19/1997	986	mg/L		Duplicate
MW-14A	Sulfate	3/24/1994	661	mg/L		Duplicate
MW-14A	Sulfate	3/24/1994	3570	mg/L		Duplicate
MW-14A	TDS @ 180 C	5/21/1991	3157	mg/L		Duplicate
MW-14A	TDS @ 180 C	9/24/1991	1299	mg/L		Duplicate
MW-14A	TDS @ 180 C	12/4/1991	3525	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/18/1992	3919	mg/L		Duplicate
MW-14A	TDS @ 180 C	6/12/1992	3040	mg/L		Duplicate
MW-14A	TDS @ 180 C	9/15/1992	2213	mg/L		Duplicate
MW-14A	TDS @ 180 C	12/9/1992	4323	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/24/1993	2620	mg/L		Duplicate
MW-14A	TDS @ 180 C	6/9/1993	3300	mg/L		Duplicate
MW-14A	TDS @ 180 C	9/23/1993	3208	mg/L		Duplicate
MW-14A	TDS @ 180 C	8/18/1994	1319	mg/L		Duplicate
MW-14A	TDS @ 180 C	8/18/1994	1371	mg/L		Duplicate
MW-14A	TDS @ 180 C	12/7/1994	1945	mg/L		Duplicate
MW-14A	TDS @ 180 C	12/7/1994	1981	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/16/1995	3820	mg/L		Duplicate
MW-14A	TDS @ 180 C	6/27/1995	1885	mg/L		Duplicate
MW-14A	TDS @ 180 C	6/27/1995	2059	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-14A	TDS @ 180 C	3/27/1996	3698	mg/L		Duplicate
MW-14A	TDS @ 180 C	6/5/1996	3590	mg/L		Duplicate
MW-14A	TDS @ 180 C	9/12/1996	3870	mg/L		Duplicate
MW-14A	TDS @ 180 C	11/22/1996	4220	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/19/1997	1880	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/24/1994	1233	mg/L		Duplicate
MW-14A	TDS @ 180 C	3/24/1994	1250	mg/L		Duplicate
MW-14A	Uranium	9/24/1991	1.1	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	12/4/1991	0.62	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/18/1992	8.52	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	6/12/1992	2.6	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/27/1996	0.069	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	6/5/1996	0.016	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	9/12/1996	0.38	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	11/22/1996	0.021	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/19/1997	0.0003	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	6/11/1997	0.001	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	9/30/1997	0.001	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	5/12/1999	0.049	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/17/2000	0.0343	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	6/7/2000	0.0004	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	5/21/1991	47	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	9/15/1992	3.39	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	12/9/1992	14.6	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/24/1993	12.2	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	6/9/1993	0.014	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	9/23/1993	8.12	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/24/1994	4.74E-10	uCi/ml		Split, Duplicate, or Spike
MW-14A	Uranium	3/24/1994	0.2	pCi/L		Split, Duplicate, or Spike
MW-14A	Uranium	8/18/1994	2E-10	uCi/ml		Split, Duplicate, or Spike
MW-14A	Uranium	8/18/1994	3.33E-08	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	12/7/1994	2E-10	uCi/ml		Split, Duplicate, or Spike
MW-14A	Uranium	12/8/1994	0.002	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/16/1995	2.38E-08	uCi/ml		Split, Duplicate, or Spike
MW-14A	Uranium	6/27/1995	2E-10	uCi/ml		Split, Duplicate, or Spike
MW-14A	Uranium	6/27/1995	0.0003	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	3/16/1998	0.0006	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	5/12/1998	0.0006	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	11/3/1998	0.0003	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	2/18/1999	0.0007	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	9/30/1999	0.0363	mg/L		Split, Duplicate, or Spike
MW-14A	Uranium	12/9/1999	0.0352	mg/L		Split, Duplicate, or Spike
MW-15	Beryllium	11/28/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Beryllium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Beryllium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Beryllium	11/1/1989	0.01	mg/L		Duplicate
MW-15	Beryllium	3/4/1991	4	ug/L		Extreme
MW-15	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-15	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-15	Cadmium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Cadmium	11/1/1989	0.005	mg/L		Duplicate
MW-15	Chromium	11/1/1989	0.01	mg/L		Duplicate
MW-15	Copper	5/11/1999	5	ug/L		Extreme
MW-15	Copper	9/10/2002	12	ug/L	U	Extreme
MW-15	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Lead	9/10/2002	3	ug/L	U	Extreme
MW-15	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Manganese	3/4/1991	950	ug/L		Extreme
MW-15	Mercury	11/1/1989	0.0002	mg/L		Duplicate
MW-15	Molybdenum	8/24/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Molybdenum	11/1/1989	40	ug/L		Extreme
MW-15	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Nickel	11/6/2001	0.05	mg/L		Duplicate
MW-15	Nitrate	9/10/2002	2.07	mg/L		Only using NO3 + NO2 with results for both
MW-15	Nitrate+Nitrite as N	6/23/2005	0.1	mg/L	U	Extreme

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-15	Nitrate+Nitrite as N	12/13/2005	1	mg/L		Extreme
MW-15	Nitrate+Nitrite as N	6/21/2006	0.1	mg/L	U	Extreme
MW-15	Nitrate+Nitrite as N	10/25/2006	0.1	mg/L		Extreme
MW-15	pH	11/3/1998	5.88	s.u.		Extreme
MW-15	pH	9/10/2002	8.08	s.u.		Extreme
MW-15	pH	6/27/2003	8.34	s.u.		Extreme
MW-15	Silver	5/11/1999	1	ug/L	U	Extreme
MW-15	Silver	9/10/2002	2	ug/L	U	Extreme
MW-15	Sulfate	11/1/1989	2600	mg/L		Duplicate
MW-15	Sulfate	12/18/1989	1250	mg/L		Extreme
MW-15	Sulfate	5/9/1990	1260	mg/L		Extreme
MW-15	TDS @ 180 C	3/30/1994	3120	mg/L		Extreme
MW-15	TDS @ 180 C	9/10/2002	3170	mg/L		Extreme
MW-15	Thallium	11/28/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Thallium	12/18/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Thallium	11/1/1989	0.01	mg/L		Duplicate
MW-15	Uranium	9/10/2002	37.8	ug/L		Split, Duplicate, or Spike
MW-15	Uranium	6/27/1995	95.82	ug/L		Extreme
MW-15	Uranium	9/19/1995	116.42	ug/L		Extreme
MW-15	Uranium	3/30/1994	2.76E-08	uCi/ml		Split, Duplicate, or Spike
MW-15	Uranium	3/30/1994	26	pCi/L		Split, Duplicate, or Spike
MW-15	Uranium	6/7/1996	23	pCi/L		Split, Duplicate, or Spike
MW-15	Uranium	9/17/1996	33.6	pCi/L		Split, Duplicate, or Spike
MW-15	Uranium	11/22/1996	37.9	pCi/L		Split, Duplicate, or Spike
MW-15	Uranium	11/28/2000	0.0474	mg/L		Split, Duplicate, or Spike
MW-15	Uranium	9/10/2002	0.049	mg/L		Split, Duplicate, or Spike
MW-15	Uranium	9/10/2002	50	ug/L		Split, Duplicate, or Spike
MW-15	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-15	Zinc	5/11/1999	3	ug/L		Extreme
MW-15	Zinc	9/10/2002	30	ug/L	U	Extreme
MW-15A	Ammonia	11/1/1989	0.1	mg/L	U	Duplicate
MW-15A	Ammonia	11/28/1989	0.2	mg/L		Duplicate
MW-15A	Ammonia	12/18/1989	0.1	mg/L		Duplicate
MW-15A	Ammonia	1/25/1990	0.1	mg/L	U	Duplicate
MW-15A	Ammonia	11/6/2001	0.05	mg/L	U	Duplicate
MW-15A	Arsenic	11/1/1989	0.006	mg/L		Duplicate
MW-15A	Arsenic	11/28/1989	0.005	mg/L		Duplicate
MW-15A	Arsenic	12/18/1989	0.002	mg/L		Duplicate
MW-15A	Arsenic	5/9/1990	0.002	mg/L		Duplicate
MW-15A	Arsenic	2/28/1991	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	3/18/1992	0.002	mg/L		Duplicate
MW-15A	Arsenic	9/15/1992	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	3/31/1993	0.007	mg/L		Duplicate
MW-15A	Arsenic	9/22/1993	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	8/23/1994	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	8/23/1994	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	3/16/1995	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	6/27/1995	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	6/27/1995	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	12/8/1995	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	6/6/1996	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	11/6/2001	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	3/24/1994	0.001	mg/L	U	Duplicate
MW-15A	Arsenic	3/24/1994	0.002	mg/L		Duplicate
MW-15A	Beryllium	11/28/1989	0.01	mg/L	U	Duplicate
MW-15A	Beryllium	12/18/1989	0.01	mg/L	U	Duplicate
MW-15A	Beryllium	2/28/1991	0.003	mg/L		Duplicate
MW-15A	Beryllium	3/18/1992	0.001	mg/L	U	Duplicate
MW-15A	Beryllium	9/15/1992	0.001	mg/L	U	Duplicate
MW-15A	Beryllium	3/31/1993	0.001	mg/L	U	Duplicate
MW-15A	Beryllium	9/22/1993	0.0002	mg/L	U	Duplicate
MW-15A	Beryllium	8/23/1994	0.0002	mg/L	U	Duplicate
MW-15A	Beryllium	8/23/1994	0.01	mg/L	U	Duplicate
MW-15A	Beryllium	11/6/2001	0.01	mg/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-15A	Beryllium	3/24/1994	0.0002	mg/L	U	Duplicate
MW-15A	Beryllium	3/24/1994	0.01	mg/L	U	Duplicate
MW-15A	Beryllium	11/1/1989	0.01	mg/L		Duplicate
MW-15A	Cadmium	11/28/1989	0.005	mg/L	U	Duplicate
MW-15A	Cadmium	12/18/1989	0.005	mg/L	U	Duplicate
MW-15A	Cadmium	1/25/1990	0.005	mg/L	U	Duplicate
MW-15A	Cadmium	3/18/1992	0.001	mg/L	U	Duplicate
MW-15A	Cadmium	9/15/1992	0.001	mg/L	U	Duplicate
MW-15A	Cadmium	3/31/1993	0.001	mg/L	U	Duplicate
MW-15A	Cadmium	9/22/1993	0.0002	mg/L		Duplicate
MW-15A	Cadmium	8/23/1994	0.0001	mg/L	U	Duplicate
MW-15A	Cadmium	8/23/1994	0.01	mg/L	U	Duplicate
MW-15A	Cadmium	11/6/2001	0.005	mg/L	U	Duplicate
MW-15A	Cadmium	3/24/1994	0.0001	mg/L	U	Duplicate
MW-15A	Cadmium	3/24/1994	0.005	mg/L	U	Duplicate
MW-15A	Cadmium	11/1/1989	0.005	mg/L		Duplicate
MW-15A	Chloride	6/21/1994	24	mg/L		Duplicate
MW-15A	Chloride	11/28/1989	49	mg/L		Duplicate
MW-15A	Chloride	12/18/1989	26	mg/L		Duplicate
MW-15A	Chloride	2/20/1990	46	mg/L		Duplicate
MW-15A	Chloride	5/9/1990	6	mg/L		Duplicate
MW-15A	Chloride	8/7/1990	33	mg/L		Duplicate
MW-15A	Chloride	2/28/1991	50	mg/L		Duplicate
MW-15A	Chloride	5/22/1991	31	mg/L		Duplicate
MW-15A	Chloride	12/5/1991	64	mg/L		Duplicate
MW-15A	Chloride	3/18/1992	21	mg/L		Duplicate
MW-15A	Chloride	6/12/1992	29	mg/L		Duplicate
MW-15A	Chloride	9/15/1992	37	mg/L		Duplicate
MW-15A	Chloride	12/9/1992	13	mg/L		Duplicate
MW-15A	Chloride	3/31/1993	29	mg/L		Duplicate
MW-15A	Chloride	6/9/1993	44	mg/L		Duplicate
MW-15A	Chloride	9/22/1993	33	mg/L		Duplicate
MW-15A	Chloride	12/15/1993	32	mg/L		Duplicate
MW-15A	Chloride	8/23/1994	46.7	mg/L		Duplicate
MW-15A	Chloride	8/23/1994	47	mg/L		Duplicate
MW-15A	Chloride	12/8/1994	61	mg/L		Duplicate
MW-15A	Chloride	12/8/1994	72.7	mg/L		Duplicate
MW-15A	Chloride	3/16/1995	20	mg/L		Duplicate
MW-15A	Chloride	6/27/1995	30	mg/L		Duplicate
MW-15A	Chloride	6/27/1995	65	mg/L		Duplicate
MW-15A	Chloride	9/14/1995	7.5	mg/L		Duplicate
MW-15A	Chloride	9/14/1995	10	mg/L		Duplicate
MW-15A	Chloride	3/27/1996	39.1	mg/L		Duplicate
MW-15A	Chloride	6/6/1996	38	mg/L		Duplicate
MW-15A	Chloride	9/16/1996	12	mg/L		Duplicate
MW-15A	Chloride	3/20/1997	38.9	mg/L		Duplicate
MW-15A	Chloride	11/6/2001	50.2	mg/L		Duplicate
MW-15A	Chloride	3/24/1994	33	mg/L		Duplicate
MW-15A	Chloride	3/24/1994	36	mg/L		Duplicate
MW-15A	Chloride	11/1/1989	50	mg/L		Duplicate
MW-15A	Chromium	11/28/1989	0.01	mg/L	U	Duplicate
MW-15A	Chromium	12/18/1989	0.01	mg/L	U	Duplicate
MW-15A	Chromium	1/25/1990	0.01	mg/L	U	Duplicate
MW-15A	Chromium	11/6/2001	0.05	mg/L	U	Duplicate
MW-15A	Chromium	11/1/1989	0.01	mg/L		Duplicate
MW-15A	Copper	11/6/2001	0.01	mg/L	U	Duplicate
MW-15A	Fluoride	11/6/2001	0.3	mg/L		Duplicate
MW-15A	Iron	11/6/2001	0.05	mg/L	U	Duplicate
MW-15A	Lead	11/6/2001	0.05	mg/L	U	Duplicate
MW-15A	Manganese	2/28/1991	0.28	mg/L		Duplicate
MW-15A	Manganese	11/6/2001	0.08	mg/L		Duplicate
MW-15A	Mercury	11/28/1989	0.0002	mg/L	U	Duplicate
MW-15A	Mercury	12/18/1989	0.0002	mg/L		Duplicate
MW-15A	Mercury	1/25/1990	0.0002	mg/L	U	Duplicate
MW-15A	Mercury	11/6/2001	0.001	mg/L	U	Duplicate
MW-15A	Mercury	11/1/1989	0.0002	mg/L		Duplicate
MW-15A	Molybdenum	11/1/1989	0.05	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-15A	Molybdenum	11/28/1989	0.04	mg/L		Duplicate
MW-15A	Molybdenum	12/18/1989	0.05	mg/L		Duplicate
MW-15A	Molybdenum	1/25/1990	0.01	mg/L		Duplicate
MW-15A	Molybdenum	3/18/1992	0.004	mg/L		Duplicate
MW-15A	Molybdenum	9/15/1992	0.001	mg/L		Duplicate
MW-15A	Molybdenum	3/31/1993	0.001	mg/L	U	Duplicate
MW-15A	Molybdenum	9/22/1993	0.001	mg/L	U	Duplicate
MW-15A	Molybdenum	8/23/1994	0.001	mg/L	U	Duplicate
MW-15A	Molybdenum	8/23/1994	0.1	mg/L	U	Duplicate
MW-15A	Molybdenum	11/6/2001	0.1	mg/L	U	Duplicate
MW-15A	Molybdenum	3/24/1994	0.001	mg/L	U	Duplicate
MW-15A	Molybdenum	3/24/1994	0.01	mg/L	U	Duplicate
MW-15A	Nickel	11/1/1989	0.02	mg/L		Duplicate
MW-15A	Nickel	11/28/1989	0.02	mg/L		Duplicate
MW-15A	Nickel	12/18/1989	0.03	mg/L		Duplicate
MW-15A	Nickel	1/25/1990	0.02	mg/L		Duplicate
MW-15A	Nickel	2/28/1991	0.04	mg/L		Duplicate
MW-15A	Nickel	3/18/1992	0.01	mg/L	U	Duplicate
MW-15A	Nickel	9/15/1992	0.001	mg/L	U	Duplicate
MW-15A	Nickel	3/31/1993	0.001	mg/L	U	Duplicate
MW-15A	Nickel	9/22/1993	0.001	mg/L	U	Duplicate
MW-15A	Nickel	8/23/1994	0.004	mg/L		Duplicate
MW-15A	Nickel	8/23/1994	0.05	mg/L	U	Duplicate
MW-15A	Nickel	6/27/1995	0.05	mg/L	U	Duplicate
MW-15A	Nickel	6/27/1995	0.05	mg/L		Duplicate
MW-15A	Nickel	9/14/1995	0.003	mg/L		Duplicate
MW-15A	Nickel	9/14/1995	0.05	mg/L	U	Duplicate
MW-15A	Nickel	12/8/1995	0.05	mg/L	U	Duplicate
MW-15A	Nickel	3/27/1996	0.05	mg/L	U	Duplicate
MW-15A	Nickel	6/6/1996	0.05	mg/L	U	Duplicate
MW-15A	Nickel	9/16/1996	0.05	mg/L	U	Duplicate
MW-15A	Nickel	3/20/1997	0.05	mg/L	U	Duplicate
MW-15A	Nickel	11/6/2001	0.05	mg/L	U	Duplicate
MW-15A	Nickel	3/24/1994	0.001	mg/L	U	Duplicate
MW-15A	Nickel	3/24/1994	0.02	mg/L		Duplicate
MW-15A	Nitrate+Nitrite as N	11/6/2001	0.2	mg/L		Duplicate
MW-15A	pH	6/21/1994	6.88	s.u.		Duplicate
MW-15A	pH	2/20/1990	7.02	s.u.		Duplicate
MW-15A	pH	8/7/1990	7.44	s.u.		Duplicate
MW-15A	pH	3/31/1993	7	s.u.		Duplicate
MW-15A	pH	6/9/1993	7.08	s.u.		Duplicate
MW-15A	pH	9/22/1993	6.94	s.u.		Duplicate
MW-15A	pH	12/15/1993	7.87	s.u.		Duplicate
MW-15A	pH	8/23/1994	7.05	s.u.		Duplicate
MW-15A	pH	12/8/1994	6.82	s.u.		Duplicate
MW-15A	pH	3/16/1995	6.85	s.u.		Duplicate
MW-15A	pH	6/27/1995	6.74	s.u.		Duplicate
MW-15A	pH	9/14/1995	7.38	s.u.		Duplicate
MW-15A	pH	12/8/1995	7.74	s.u.		Duplicate
MW-15A	pH	3/27/1996	7.09	s.u.		Duplicate
MW-15A	pH	6/6/1996	7.37	s.u.		Duplicate
MW-15A	pH	9/16/1996	7.37	s.u.		Duplicate
MW-15A	pH	3/20/1997	7	s.u.		Duplicate
MW-15A	Selenium	11/28/1989	0.019	mg/L		Duplicate
MW-15A	Selenium	5/9/1990	0.001	mg/L	U	Duplicate
MW-15A	Selenium	2/28/1991	0.002	mg/L	U	Duplicate
MW-15A	Selenium	3/18/1992	0.002	mg/L	U	Duplicate
MW-15A	Selenium	9/15/1992	0.021	mg/L		Duplicate
MW-15A	Selenium	3/31/1993	0.002	mg/L	U	Duplicate
MW-15A	Selenium	9/22/1993	0.002	mg/L	U	Duplicate
MW-15A	Selenium	8/23/1994	0.001	mg/L	U	Duplicate
MW-15A	Selenium	8/23/1994	0.002	mg/L	U	Duplicate
MW-15A	Selenium	3/16/1995	0.002	mg/L	U	Duplicate
MW-15A	Selenium	6/27/1995	0.01	mg/L	U	Duplicate
MW-15A	Selenium	6/27/1995	0.021	mg/L		Duplicate
MW-15A	Selenium	12/8/1995	0.001	mg/L	U	Duplicate
MW-15A	Selenium	6/6/1996	0.005	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-15A	Selenium	11/6/2001	0.094	mg/L	U	Duplicate
MW-15A	Selenium	3/24/1994	0.002	mg/L	U	Duplicate
MW-15A	Selenium	3/24/1994	0.002	mg/L	U	Duplicate
MW-15A	Silver	11/6/2001	0.01	mg/L	U	Duplicate
MW-15A	Sulfate	6/21/1994	1392	mg/L		Duplicate
MW-15A	Sulfate	11/1/1989	2600	mg/L		Duplicate
MW-15A	Sulfate	11/28/1989	2530	mg/L		Duplicate
MW-15A	Sulfate	12/18/1989	1160	mg/L		Duplicate
MW-15A	Sulfate	2/20/1990	2130	mg/L		Duplicate
MW-15A	Sulfate	5/9/1990	1020	mg/L		Duplicate
MW-15A	Sulfate	8/7/1990	958	mg/L		Duplicate
MW-15A	Sulfate	2/28/1991	950	mg/L		Duplicate
MW-15A	Sulfate	5/22/1991	957	mg/L		Duplicate
MW-15A	Sulfate	12/5/1991	2220	mg/L		Duplicate
MW-15A	Sulfate	3/18/1992	1711	mg/L		Duplicate
MW-15A	Sulfate	6/12/1992	980	mg/L		Duplicate
MW-15A	Sulfate	9/15/1992	2367	mg/L		Duplicate
MW-15A	Sulfate	12/9/1992	674	mg/L		Duplicate
MW-15A	Sulfate	3/31/1993	1902	mg/L		Duplicate
MW-15A	Sulfate	6/9/1993	1878	mg/L		Duplicate
MW-15A	Sulfate	9/22/1993	1450	mg/L		Duplicate
MW-15A	Sulfate	12/15/1993	1042	mg/L		Duplicate
MW-15A	Sulfate	8/23/1994	1930	mg/L		Duplicate
MW-15A	Sulfate	8/23/1994	1962	mg/L		Duplicate
MW-15A	Sulfate	12/8/1994	2307	mg/L		Duplicate
MW-15A	Sulfate	12/8/1994	2452	mg/L		Duplicate
MW-15A	Sulfate	3/16/1995	2115	mg/L		Duplicate
MW-15A	Sulfate	6/27/1995	928	mg/L		Duplicate
MW-15A	Sulfate	6/27/1995	3334	mg/L		Duplicate
MW-15A	Sulfate	9/14/1995	1892	mg/L		Duplicate
MW-15A	Sulfate	9/14/1995	1983	mg/L		Duplicate
MW-15A	Sulfate	3/27/1996	2228	mg/L		Duplicate
MW-15A	Sulfate	6/6/1996	1063	mg/L		Duplicate
MW-15A	Sulfate	9/16/1996	673	mg/L		Duplicate
MW-15A	Sulfate	3/20/1997	2220	mg/L		Duplicate
MW-15A	Sulfate	11/6/2001	2260	mg/L		Duplicate
MW-15A	Sulfate	3/24/1994	1420	mg/L		Duplicate
MW-15A	Sulfate	3/24/1994	1464	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/21/1994	3573	mg/L		Duplicate
MW-15A	TDS @ 180 C	11/28/1989	3950	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/18/1989	3520	mg/L		Duplicate
MW-15A	TDS @ 180 C	2/20/1990	3510	mg/L		Duplicate
MW-15A	TDS @ 180 C	5/9/1990	3070	mg/L		Duplicate
MW-15A	TDS @ 180 C	8/7/1990	1670	mg/L		Duplicate
MW-15A	TDS @ 180 C	2/28/1991	1808	mg/L		Duplicate
MW-15A	TDS @ 180 C	5/22/1991	1761	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/5/1991	5251	mg/L		Duplicate
MW-15A	TDS @ 180 C	3/18/1992	3022	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/12/1992	1750	mg/L		Duplicate
MW-15A	TDS @ 180 C	9/15/1992	2677	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/9/1992	1470	mg/L		Duplicate
MW-15A	TDS @ 180 C	3/31/1993	4615	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/9/1993	3600	mg/L		Duplicate
MW-15A	TDS @ 180 C	9/22/1993	2656	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/15/1993	2566	mg/L		Duplicate
MW-15A	TDS @ 180 C	8/23/1994	3382	mg/L		Duplicate
MW-15A	TDS @ 180 C	8/23/1994	3501	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/8/1994	4069	mg/L		Duplicate
MW-15A	TDS @ 180 C	12/8/1994	4087	mg/L		Duplicate
MW-15A	TDS @ 180 C	3/16/1995	3601	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/27/1995	5136	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/27/1995	5421	mg/L		Duplicate
MW-15A	TDS @ 180 C	9/14/1995	2699	mg/L		Duplicate
MW-15A	TDS @ 180 C	9/14/1995	3037	mg/L		Duplicate
MW-15A	TDS @ 180 C	3/27/1996	3929	mg/L		Duplicate
MW-15A	TDS @ 180 C	6/6/1996	1908	mg/L		Duplicate
MW-15A	TDS @ 180 C	9/16/1996	1230	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-15A	TDS @ 180 C	3/20/1997	3960	mg/L		Duplicate
MW-15A	TDS @ 180 C	11/6/2001	3930	mg/L	H	Duplicate
MW-15A	TDS @ 180 C	3/24/1994	2400	mg/L		Duplicate
MW-15A	TDS @ 180 C	3/24/1994	2464	mg/L		Duplicate
MW-15A	TDS @ 180 C	11/1/1989	3930	mg/L		Duplicate
MW-15A	Thallium	11/1/1989	0.01	mg/L	U	Duplicate
MW-15A	Thallium	11/28/1989	0.01	mg/L	U	Duplicate
MW-15A	Thallium	12/18/1989	0.01	mg/L	U	Duplicate
MW-15A	Thallium	11/6/2001	0.01	mg/L	U	Duplicate
MW-15A	Uranium	8/7/1990	0.534	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	12/5/1991	8.8	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/27/1996	0.051	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	6/6/1996	0.0004	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	9/12/1996	0.0018	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/20/1997	0.046	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	11/28/1989	39	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	12/18/1989	39	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	1/25/1990	36	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	2/20/1990	1.2	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	5/9/1990	7.3	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	5/22/1991	0.31	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/18/1992	34.1	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	6/12/1992	0.2	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	9/15/1992	25	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	12/9/1992	0.203	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/31/1993	18.9	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	6/9/1993	0.004	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	9/22/1993	8.8	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	12/15/1993	0.2	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/24/1994	0.000000009	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	3/24/1994	9.8	pCi/L		Split, Duplicate, or Spike
MW-15A	Uranium	8/23/1994	0.000000002	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	8/23/1994	2.64E-09	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	12/8/1994	2E-10	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	12/8/1994	0.019	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	3/16/1995	0.000000028	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	6/27/1995	2.57E-08	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	6/27/1995	0.028	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	9/14/1995	0.011	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	9/14/1995	1.56E-09	uCi/ml		Split, Duplicate, or Spike
MW-15A	Uranium	12/8/1995	0.0033	mg/L		Split, Duplicate, or Spike
MW-15A	Uranium	11/6/2001	0.0504	mg/L		Split, Duplicate, or Spike
MW-15A	Vanadium	11/1/1989	0.04	mg/L		Duplicate
MW-15A	Vanadium	11/28/1989	0.04	mg/L		Duplicate
MW-15A	Vanadium	12/18/1989	0.04	mg/L		Duplicate
MW-15A	Vanadium	1/25/1990	0.01	mg/L	U	Duplicate
MW-15A	Vanadium	11/6/2001	0.1	mg/L	U	Duplicate
MW-15A	Zinc	11/6/2001	0.01	mg/L	U	Duplicate
MW-17	Beryllium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Beryllium	3/24/1994	10	ug/L	U	Extreme
MW-17	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-17	Cadmium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Cadmium	3/24/1994	5	ug/L	U	Extreme
MW-17	Cadmium	11/6/2001	5	ug/L	U	Extreme
MW-17	Cadmium	9/10/2002	5	ug/L	U	Extreme
MW-17	Chloride	9/17/1996	51	mg/L		Extreme
MW-17	Copper	5/12/1999	5	ug/L		Extreme
MW-17	Copper	11/30/2000	12	ug/L	U	Extreme
MW-17	Copper	9/10/2002	12	ug/L	U	Extreme
MW-17	Fluoride	9/10/2002	0	mg/L		Could not locate F in lab report / UDEQ data
MW-17	Iron	6/23/2006	140	ug/L		Extreme
MW-17	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Lead	11/30/2000	3	ug/L	U	Extreme
MW-17	Lead	9/10/2002	3	ug/L	U	Extreme
MW-17	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Molybdenum	8/24/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-17	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-17	Nitrate+Nitrite as N	10/26/2006	0.2	mg/L		Extreme
MW-17	Nitrate+Nitrite as N	6/20/2007	0.3	mg/L		Extreme
MW-17	pH	3/24/1994	14	s.u.		Extreme
MW-17	Selenium	11/22/1996	20	ug/L		Extreme
MW-17	Selenium	11/30/2000	55	ug/L		Extreme
MW-17	Sulfate	3/24/1994	1400	mg/L		Extreme
MW-17	Sulfate	9/17/1996	662	mg/L		Extreme
MW-17	TDS @ 180 C	3/24/1994	2426	mg/L		Extreme
MW-17	TDS @ 180 C	3/24/1994	2460	mg/L		Extreme
MW-17	TDS @ 180 C	9/17/1996	1031	mg/L		Extreme
MW-17	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Uranium	9/10/2002	29.9	ug/L		Split, Duplicate, or Spike
MW-17	Uranium	9/10/2002	29.9	ug/L		Split, Duplicate, or Spike
MW-17	Uranium	3/18/2004	27	ug/L		Duplicate
MW-17	Uranium	3/24/1994	8.94E-09	uCi/ml		Split, Duplicate, or Spike
MW-17	Uranium	3/24/1994	9.6	pCi/L		Split, Duplicate, or Spike
MW-17	Uranium	9/17/1996	0.0000021	uCi/ml		Split, Duplicate, or Spike
MW-17	Uranium	11/22/1996	19.6	pCi/L		Split, Duplicate, or Spike
MW-17	Uranium	9/10/2002	0.04	mg/L		Split, Duplicate, or Spike
MW-17	Uranium	9/10/2002	41	ug/L		Split, Duplicate, or Spike
MW-17	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Vanadium	5/12/1999	1	ug/L	U	Extreme
MW-17	Vanadium	11/30/2000	30	ug/L	U	Extreme
MW-17	Vanadium	9/10/2002	30	ug/L	U	Extreme
MW-17	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-17	Zinc	11/30/2000	30	ug/L	U	Extreme
MW-17	Zinc	9/10/2002	30	ug/L	U	Extreme
MW-18	Beryllium	8/19/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Beryllium	3/29/1994	10	ug/L	U	Extreme
MW-18	Beryllium	9/9/2002	10	ug/L	U	Extreme
MW-18	Cadmium	8/19/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Cadmium	3/29/1994	5	ug/L	U	Extreme
MW-18	Cadmium	11/6/2001	5	ug/L	U	Extreme
MW-18	Cadmium	9/9/2002	5	ug/L	U	Extreme
MW-18	Copper	5/12/1999	4	ug/L		Extreme
MW-18	Copper	12/1/2000	12	ug/L	U	Extreme
MW-18	Fluoride	9/9/2002	0	mg/L		Could not locate F in lab report / UDEQ data
MW-18	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Lead	12/1/2000	3	ug/L	U	Extreme
MW-18	Lead	9/9/2002	3	ug/L	U	Extreme
MW-18	Lead	9/9/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Manganese	12/1/2000	664	ug/L		Extreme
MW-18	Molybdenum	8/19/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Molybdenum	9/9/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Nitrate	9/9/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-18	TDS @ 180 C	12/14/1994	1393	mg/L		Removed because of TDS calculation inconsistencies
MW-18	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Thallium	9/9/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Uranium	9/9/2002	15.8	ug/L		Split, Duplicate, or Spike
MW-18	Uranium	3/29/1994	6.7	pCi/L		Split, Duplicate, or Spike
MW-18	Uranium	3/30/1994	7.65E-09	uCi/ml		Split, Duplicate, or Spike
MW-18	Uranium	9/9/2002	0.04	mg/L		Split, Duplicate, or Spike
MW-18	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-18	Vanadium	9/9/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Beryllium	8/19/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Beryllium	11/5/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Beryllium	3/31/1994	10	ug/L	U	Extreme
MW-19	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-19	Cadmium	8/19/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Cadmium	3/31/1994	5	ug/L	U	Extreme
MW-19	Cadmium	11/5/2001	5	ug/L	U	Extreme

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-19	Cadmium	9/10/2002	5	ug/L	U	Extreme
MW-19	Copper	5/12/1999	5	ug/L		Extreme
MW-19	Copper	12/1/2000	12	ug/L	U	Extreme
MW-19	Copper	9/10/2002	12	ug/L	U	Extreme
MW-19	Iron	12/1/2000	1650	ug/L		Extreme
MW-19	Lead	12/1/2000	0.003	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Lead	11/5/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Lead	9/10/2002	3	ug/L	U	Extreme
MW-19	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Manganese	12/1/2000	239	ug/L		Extreme
MW-19	Molybdenum	8/19/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Molybdenum	11/5/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Nitrate	9/10/2002	2.38	mg/L		Only using NO3 + NO2 with results for both
MW-19	pH	3/31/1994	6.17	s.u.		Extreme
MW-19	Sulfate	9/10/2002	167	mg/L		Removed due to charge balance inconsistencies
MW-19	Thallium	11/5/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Uranium	9/10/2002	13.6	ug/L		Split, Duplicate, or Spike
MW-19	Uranium	3/31/1994	1.43E-09	uCi/ml		Split, Duplicate, or Spike
MW-19	Uranium	3/31/1994	17	pCi/L		Split, Duplicate, or Spike
MW-19	Uranium	9/10/2002	0.018	mg/L		Split, Duplicate, or Spike
MW-19	Vanadium	11/5/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Vanadium	5/12/1999	1	ug/L	U	Extreme
MW-19	Vanadium	12/1/2000	30	ug/L	U	Extreme
MW-19	Vanadium	9/10/2002	30	ug/L	U	Extreme
MW-19	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-19	Zinc	12/1/2000	30	ug/L	U	Extreme
MW-19	Zinc	9/10/2002	30	ug/L	U	Extreme
MW-2	Ammonia	1/31/1980	1.4	mg/L		Extreme
MW-2	Ammonia	12/28/1981	0.8	mg/L		Extreme
MW-2	Ammonia	8/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	9/1/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	10/1/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	11/13/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	1/22/1981		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	2/11/1981		mg/L		Non detect value and no detection limit in lab report
MW-2	Ammonia	4/21/1981		mg/L		Non detect value and no detection limit in lab report
MW-2	Arsenic	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Arsenic	3/27/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Arsenic	11/20/1987	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Arsenic	2/28/1986	0.001	mg/L	U	Duplicate
MW-2	Arsenic	12/10/1986	0.003	mg/L		Duplicate
MW-2	Arsenic	4/29/1987	0.002	mg/L		Duplicate
MW-2	Arsenic	2/18/1987	0.002	mg/L		Duplicate
MW-2	Arsenic	7/23/1985	21	ug/L		Extreme
MW-2	Arsenic	3/9/1989	32	ug/L		Extreme
MW-2	Beryllium	8/23/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Beryllium	11/5/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Beryllium	11/16/1989	10	ug/L	U	Extreme
MW-2	Beryllium	2/27/1991	4	ug/L		Extreme
MW-2	Beryllium	3/29/1994	10	ug/L	U	Extreme
MW-2	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-2	Cadmium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Cadmium	12/28/1981	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Cadmium	5/4/1983	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Cadmium	8/23/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Chloride	12/10/1986	2.7	mg/L		Duplicate
MW-2	Chloride	4/28/1987	7.7	mg/L		Duplicate
MW-2	Chloride	11/20/1987	4.6	mg/L		Duplicate
MW-2	Chloride	8/14/1987	6	mg/L		Duplicate
MW-2	Chloride	2/18/1987	6.6	mg/L		Duplicate
MW-2	Chloride	5/4/1983	25	mg/L		Extreme
MW-2	Chloride	12/15/1985	70.9	mg/L		Extreme
MW-2	Chloride	9/1/1981	3	mg/L		Removed because of TDS calculation inconsistencies
MW-2	Chromium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-2	Copper	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Copper	6/28/1985	70	ug/L		Extreme
MW-2	Fluoride	9/10/2002	0	mg/L		Could not locate F in lab report / UDEQ data
MW-2	Fluoride	9/1/1980	0.79	mg/L		Extreme
MW-2	Fluoride	8/11/1981	0.65	mg/L		Extreme
MW-2	Iron	9/1/1980	0.1	mg/L		Duplicate
MW-2	Iron	1/31/1980	1460	ug/L		Extreme
MW-2	Iron	4/30/1980	750	ug/L		Extreme
MW-2	Iron	6/24/1981	430	ug/L		Extreme
MW-2	Iron	9/1/1981	680	ug/L		Extreme
MW-2	Iron	9/1/1981	910	ug/L		Extreme
MW-2	Iron	10/13/1979	N/A	mg/L		No value given in lab report
MW-2	Lead	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Lead	6/24/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	8/11/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	9/1/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	12/28/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	1/28/1982	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	11/5/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Lead	6/16/1980	230	ug/L		Extreme
MW-2	Lead	7/16/1980	160	ug/L		Extreme
MW-2	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Manganese	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Manganese	6/24/1981	3640	ug/L		Extreme
MW-2	Manganese	10/31/1979	N/A	mg/L		No value given in lab report
MW-2	Mercury	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Molybdenum	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Molybdenum	6/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	7/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	8/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	9/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	10/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	11/13/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	12/10/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	1/22/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	2/11/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	4/21/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	6/24/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	8/11/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	12/28/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	1/28/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	5/4/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	8/23/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	11/5/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Molybdenum	4/30/1980	100	ug/L		Extreme
MW-2	Molybdenum	5/19/1980	50	ug/L	U	Extreme
MW-2	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-2	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Nickel	11/13/1980		mg/L		No value given in lab report
MW-2	Nickel	12/10/1980		mg/L		No value given in lab report
MW-2	Nickel	1/22/1981		mg/L		No value given in lab report
MW-2	Nickel	2/11/1981		pCi/L		No value given in lab report
MW-2	Nickel	4/21/1981		mg/L		No value given in lab report
MW-2	Nitrate	6/16/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	9/1/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	5/19/1980	0.3	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	7/16/1980	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	8/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	10/31/1979	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	1/31/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	4/30/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	10/1/1980	0.3	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	11/13/1980	0.6	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	12/10/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	1/22/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	2/11/1981	0.9	mg/L		Only using NO3 + NO2 with results for both

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-2	Nitrate	4/21/1981	0.6	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	6/24/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	8/11/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	9/1/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	12/28/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	1/28/1982	0.43	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrate+Nitrite as N	5/19/1980	0.35	mg/L		Extreme
MW-2	Nitrate+Nitrite as N	7/16/1980	0.525	mg/L		Extreme
MW-2	Nitrite	6/16/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	9/1/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	5/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	7/16/1980	0.025	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	8/19/1980	0.07	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	10/1/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	11/13/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	12/10/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	1/22/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	2/11/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	4/21/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	6/24/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	8/11/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	9/1/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Nitrite	1/28/1982	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-2	Selenium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Selenium	3/27/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Selenium	11/20/1987	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Selenium	2/28/1986	0.001	mg/L	U	Duplicate
MW-2	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-2	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-2	Selenium	2/18/1987	0.001	mg/L		Duplicate
MW-2	Silver	5/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Silver	11/13/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Silver	12/10/1980		mg/L		Non detect value and no detection limit in lab report
MW-2	Silver	1/22/1981		mg/L		Non detect value and no detection limit in lab report
MW-2	Silver	2/11/1981		mg/L		Non detect value and no detection limit in lab report
MW-2	Sulfate	12/10/1986	1860	mg/L		Duplicate
MW-2	Sulfate	4/28/1987	1920	mg/L		Duplicate
MW-2	Sulfate	2/18/1987	1910	mg/L		Duplicate
MW-2	Sulfate	8/14/1987	2000	mg/L		Duplicate
MW-2	Sulfate	10/31/1979	240	mg/L		Extreme
MW-2	Sulfate	1/31/1980	630	mg/L		Extreme
MW-2	Sulfate	4/30/1980	650	mg/L		Extreme
MW-2	Sulfate	5/19/1980	1075	mg/L		Extreme
MW-2	Sulfate	9/1/1981	25	mg/L		Extreme
MW-2	TDS @ 180 C	12/10/1986	3140	mg/L		Duplicate
MW-2	TDS @ 180 C	2/20/1987	3230	mg/L		Duplicate
MW-2	TDS @ 180 C	4/28/1987	3180	mg/L		Duplicate
MW-2	TDS @ 180 C	8/14/1987	3190	mg/L		Duplicate
MW-2	TDS @ 180 C	11/20/1987	3260	mg/L		Duplicate
MW-2	TDS @ 180 C	10/31/1979	855	mg/L		Extreme
MW-2	TDS @ 180 C	1/31/1980	1060	mg/L		Extreme
MW-2	TDS @ 180 C	4/30/1980	1828	mg/L		Extreme
MW-2	TDS @ 180 C	5/19/1980	1983	mg/L		Extreme
MW-2	TDS @ 180 C	9/1/1981	207	mg/L		Extreme
MW-2	Thallium	11/16/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Thallium	11/5/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Uranium	9/1/1980	67	ug/L		Extreme
MW-2	Uranium	4/29/1987		mg/L		No value given in lab report
MW-2	Uranium	8/19/1980	10	ppb		Not using U3O8
MW-2	Uranium	9/1/1980	84	ppb		Not using U3O8
MW-2	Uranium	10/1/1980	15	ppb		Not using U3O8
MW-2	Uranium	11/13/1980	14	ppb		Not using U3O8
MW-2	Uranium	12/10/1980	55	ppb		Not using U3O8
MW-2	Uranium	1/22/1981	7	ppb		Not using U3O8

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-2	Uranium	2/11/1981	23	ppb		Not using U3O8
MW-2	Uranium	4/21/1981	6			Not using U3O8
MW-2	Uranium	9/1/1981	2	ppb		Not using U3O8
MW-2	Uranium	4/2/1982	7	ug/L		Not using U3O8
MW-2	Uranium	8/3/1982	4	ug/L		Not using U3O8
MW-2	Uranium	12/10/1982	0.001	mg/L		Not using U3O8
MW-2	Uranium	10/27/1983	0.009	mg/L		Not using U3O8
MW-2	Uranium	10/24/2006	12.2	ug/L		Not using U3O8
MW-2	Uranium	9/10/2002	9.7	ug/L		Split, Duplicate, or Spike
MW-2	Uranium	4/29/1987	3.1	pCi/L		Duplicate
MW-2	Uranium	8/19/1987	6.2E-09	pCi/L		Duplicate
MW-2	Uranium	12/10/1986	8.2	pCi/L		Duplicate
MW-2	Uranium	2/20/1987	3.5	pCi/L		Duplicate
MW-2	Uranium	1/28/1982	3	ppb		Duplicate
MW-2	Uranium	9/27/1985	37.31	ug/L		Extreme
MW-2	Uranium	5/19/1980	12	mg/L		Not using U3O8
MW-2	Uranium	6/16/1980	1	ppb		Not using U3O8
MW-2	Uranium	7/16/1980	21	ppm		Not using U3O8
MW-2	Uranium	1/28/1982	3	ppb		Not using U3O8
MW-2	Uranium	3/29/1994	7.79E-09	uCi/ml		Split, Duplicate, or Spike
MW-2	Uranium	3/29/1994	7.8	pCi/L		Split, Duplicate, or Spike
MW-2	Uranium	9/10/2002	0.012	mg/L		Split, Duplicate, or Spike
MW-2	Vanadium	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-2	Vanadium	6/24/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	8/11/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	1/28/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	5/4/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	11/5/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	12/28/1981	0.5	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-2	Zinc	6/13/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-20	Chloride	10/27/1983	58.3	mg/L		Duplicate
MW-20	pH	10/27/1983	7.78	s.u.		Duplicate
MW-20	Sulfate	10/27/1983	3250	mg/L		Duplicate
MW-20	TDS @ 180 C	10/27/1983	5156	mg/L		Duplicate
MW-26	Arsenic	9/13/2002	1	ug/L		Extreme
MW-26	Beryllium	9/13/2002	10	ug/L	U	Extreme
MW-26	Cadmium	9/13/2002	5	ug/L	U	Extreme
MW-26	Fluoride	3/30/2005	0.9	mg/L		Extreme
MW-26	Lead	9/13/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-26	Mercury	9/13/2002	1	ug/L	U	Extreme
MW-26	Molybdenum	3/30/2005	20	ug/L	U	Extreme
MW-26	Molybdenum	6/21/2005	20	ug/L	U	Extreme
MW-26	Molybdenum	9/13/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-26	Nickel	9/13/2002	50	ug/L	U	Extreme
MW-26	Nickel	3/30/2005	25	ug/L		Extreme
MW-26	Nitrate	9/13/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-26	Selenium	3/30/2005	6	ug/L		Extreme
MW-26	Selenium	3/16/2007	10.8	ug/L		Extreme
MW-26	Selenium	9/13/2002	3	ug/L		Extreme
MW-26	Thallium	9/13/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-26	Thallium	3/30/2005	1	ug/L	U	Extreme
MW-26	Thallium	6/21/2005	1	ug/L	U	Extreme
MW-26	Uranium	5/22/2007	119	ug/L		Extreme
MW-26	Uranium	9/13/2002	0.002	mg/L		Split, Duplicate, or Spike
MW-26	Vanadium	3/30/2005	20	ug/L	U	Extreme
MW-26	Vanadium	6/21/2005	20	ug/L	U	Extreme
MW-26	Vanadium	9/13/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-26	Zinc	9/13/2002	36	ug/L		Extreme
MW-3	Ammonia	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Ammonia	1/31/1980	2.6	mg/L		Extreme
MW-3	Ammonia	9/1/1980		mg/L		Non detect value and no detection limit in lab report
MW-3	Ammonia	4/13/1981		mg/L		Non detect value and no detection limit in lab report
MW-3	Arsenic	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Arsenic	3/27/1986	0	mg/L		0 value could not verify in lab report, data not QA'd

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-3	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Arsenic	4/29/1987	0.001	mg/L		Duplicate
MW-3	Arsenic	2/18/1987	0.003	mg/L		Duplicate
MW-3	Arsenic	9/1/1981	19	ug/L		Extreme
MW-3	Arsenic	3/9/1989	46	ug/L		Extreme
MW-3	Arsenic	6/22/1989	33	ug/L		Extreme
MW-3	Beryllium	11/28/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Beryllium	8/18/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Beryllium	3/5/1991	6	ug/L		Extreme
MW-3	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-3	Beryllium	9/12/2002	10	ug/L	U	Extreme
MW-3	Cadmium	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Cadmium	12/28/1981	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Cadmium	4/21/1983	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Cadmium	8/18/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Cadmium	10/1/1980	40	ug/L		Extreme
MW-3	Chloride	12/10/1986	68	mg/L		Duplicate
MW-3	Chloride	4/28/1987	65.3	mg/L		Duplicate
MW-3	Chloride	11/20/1987	62.6	mg/L		Duplicate
MW-3	Chloride	8/14/1987	65	mg/L		Duplicate
MW-3	Chloride	2/18/1987	66	mg/L		Duplicate
MW-3	Chloride	10/31/1979	12.6	mg/L		Extreme
MW-3	Chloride	1/31/1980	25	mg/L		Extreme
MW-3	Chloride	4/30/1980	30	mg/L		Extreme
MW-3	Chloride	5/19/1980	50	mg/L		Extreme
MW-3	Chloride	6/16/1980	51	mg/L		Extreme
MW-3	Chloride	9/1/1981	3	mg/L		Extreme
MW-3	Chloride	9/30/1985	78	mg/L		Extreme
MW-3	Chloride	12/15/1985	35	mg/L		Extreme
MW-3	Chloride	6/26/1986	140	mg/L		Extreme
MW-3	Chloride	11/6/2001	82.5	mg/L		Extreme
MW-3	Chromium	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Copper	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Copper	6/28/1985	60	ug/L		Extreme
MW-3	Fluoride	9/12/2002	1	mg/L		Extreme
MW-3	Iron	12/28/1981	1.62	mg/L		Duplicate
MW-3	Iron	1/31/1980	1280	ug/L		Extreme
MW-3	Iron	1/31/1980	3470	ug/L		Extreme
MW-3	Iron	4/30/1980	3500	ug/L		Extreme
MW-3	Iron	4/30/1980	4600	ug/L		Extreme
MW-3	Iron	5/19/1980	1190	ug/L		Extreme
MW-3	Iron	12/28/1981	1620	ug/L		Extreme
MW-3	Iron	10/31/1979	N/A	mg/L		No value given in lab report
MW-3	Lead	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Lead	6/24/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	8/18/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	9/1/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	12/28/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	1/27/1982	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Lead	7/16/1980	80	ug/L		Extreme
MW-3	Lead	10/1/1980	140	ug/L		Extreme
MW-3	Lead	3/18/1981	40	ug/L		Extreme
MW-3	Lead	9/12/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Manganese	10/31/1979	N/A	mg/L		No value given in lab report
MW-3	Mercury	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Mercury	1/31/1980	5	ug/L	U	Extreme
MW-3	Molybdenum	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Molybdenum	6/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	7/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	8/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	9/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	10/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	11/11/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	12/10/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	1/22/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-3	Molybdenum	2/12/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	3/18/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	4/13/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	6/24/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	8/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	12/28/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	1/27/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	4/21/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	8/18/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Molybdenum	4/30/1980	90	ug/L		Extreme
MW-3	Molybdenum	5/19/1980	50	ug/L	U	Extreme
MW-3	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-3	Molybdenum	11/28/1989	300	ug/L		Extreme
MW-3	Molybdenum	9/12/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Nickel	11/11/1980		mg/L		No value given in lab report
MW-3	Nickel	12/10/1980		mg/L		No value given in lab report
MW-3	Nickel	1/22/1981		mg/L		No value given in lab report
MW-3	Nickel	2/12/1981		pCi/L		No value given in lab report
MW-3	Nickel	4/13/1981		mg/L		No value given in lab report
MW-3	Nitrate	5/19/1980	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	6/16/1980	0.08	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	7/16/1980	0.8	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	8/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	9/1/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	12/10/1980	0.02	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	3/18/1981	0.4	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	4/13/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	10/31/1979	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	1/31/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	4/30/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	10/1/1980	0.3	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	11/11/1980	0.7	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	1/22/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	2/12/1981	0.6	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	6/24/1981	0.03	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	8/18/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	9/1/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	12/28/1981	0.3	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	1/27/1982	0.2	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrate	9/12/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	5/19/1980	0.025	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	6/16/1980	0.25	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	7/16/1980	0.025	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	8/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	9/1/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	12/10/1980	0.005	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	3/18/1981	0.2	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	4/13/1981	0.005	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	10/1/1980	0.005	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	11/11/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	1/22/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	2/12/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	6/24/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	8/18/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	9/1/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Nitrite	1/27/1982	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-3	Selenium	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Selenium	3/27/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-3	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-3	Selenium	2/18/1987	0.002	mg/L		Duplicate
MW-3	Selenium	11/20/1987	360	ug/L		Extreme
MW-3	Silver	5/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-3	Silver	11/11/1980		mg/L		Non detect value and no detection limit in lab report

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-3	Silver	12/10/1980		mg/L		Non detect value and no detection limit in lab report
MW-3	Silver	1/22/1981		mg/L		Non detect value and no detection limit in lab report
MW-3	Silver	2/12/1981		mg/L		Non detect value and no detection limit in lab report
MW-3	Sulfate	12/10/1986	2620	mg/L		Duplicate
MW-3	Sulfate	4/28/1987	3200	mg/L		Duplicate
MW-3	Sulfate	2/18/1987	2640	mg/L		Duplicate
MW-3	Sulfate	8/14/1987	3400	mg/L		Duplicate
MW-3	Sulfate	9/1/1981	42	mg/L		Extreme
MW-3	Sulfate	10/31/1979	930	mg/L		Removed due to charge balance inconsistencies
MW-3	Sulfate	6/25/2006	4030	mg/L	D	Removed due to charge balance inconsistencies
MW-3	TDS @ 180 C	12/10/1986	5290	mg/L		Duplicate
MW-3	TDS @ 180 C	2/20/1987	5330	mg/L		Duplicate
MW-3	TDS @ 180 C	4/28/1987	5400	mg/L		Duplicate
MW-3	TDS @ 180 C	8/14/1987	5320	mg/L		Duplicate
MW-3	TDS @ 180 C	11/20/1987	5520	mg/L		Duplicate
MW-3	TDS @ 180 C	10/31/1979	2102	mg/L		Extreme
MW-3	TDS @ 180 C	1/31/1980	2530	mg/L		Extreme
MW-3	TDS @ 180 C	4/30/1980	3254	mg/L		Extreme
MW-3	TDS @ 180 C	7/16/1980	4024	mg/L		Extreme
MW-3	TDS @ 180 C	9/1/1981	256	mg/L		Extreme
MW-3	Thallium	11/28/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Thallium	9/12/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Thallium	5/11/1999	2	ug/L	U	Extreme
MW-3	Uranium	4/29/1987		mg/L		No value given in lab report
MW-3	Uranium	8/19/1980	13	ppb		Not using U3O8
MW-3	Uranium	9/1/1980	26	ppb		Not using U3O8
MW-3	Uranium	10/1/1980	9	ppb		Not using U3O8
MW-3	Uranium	11/11/1980	16	ppb		Not using U3O8
MW-3	Uranium	12/10/1980	48	ppb		Not using U3O8
MW-3	Uranium	1/22/1981	20	ppb		Not using U3O8
MW-3	Uranium	2/12/1981	5	ppb		Not using U3O8
MW-3	Uranium	3/18/1981	9	ppb		Not using U3O8
MW-3	Uranium	4/13/1981	10	ppb		Not using U3O8
MW-3	Uranium	9/1/1981	1	ppb		Not using U3O8
MW-3	Uranium	4/13/1982	35	ug/L		Not using U3O8
MW-3	Uranium	8/5/1982	13	ug/L		Not using U3O8
MW-3	Uranium	12/13/1982	0.037	mg/L		Not using U3O8
MW-3	Uranium	4/21/1983	0.03			Not using U3O8
MW-3	Uranium	10/26/1983	0.042	mg/L		Not using U3O8
MW-3	Uranium	9/12/2002	31.9	ug/L		Split, Duplicate, or Spike
MW-3	Uranium	4/29/1987	12.6	pCi/L		Duplicate
MW-3	Uranium	8/19/1987	0.000000023	pCi/L		Duplicate
MW-3	Uranium	12/10/1986	12.1	pCi/L		Duplicate
MW-3	Uranium	2/20/1987	11	pCi/L		Duplicate
MW-3	Uranium	9/30/1985	67.16	ug/L		Extreme
MW-3	Uranium	11/3/1988	219	ug/L		Extreme
MW-3	Uranium	12/16/1993	131.34	ug/L		Extreme
MW-3	Uranium	9/20/1995	103.13	ug/L		Extreme
MW-3	Uranium	5/19/1980	15	ppb		Not using U3O8
MW-3	Uranium	6/16/1980	23	ppb		Not using U3O8
MW-3	Uranium	7/16/1980	33	ppm		Not using U3O8
MW-3	Uranium	1/27/1982	3	ppb		Not using U3O8
MW-3	Uranium	1/27/1982	4	ppb		Not using U3O8
MW-3	Uranium	3/30/1994	1.64E-08	uCi/ml		Split, Duplicate, or Spike
MW-3	Uranium	3/30/1994	15	pCi/L		Split, Duplicate, or Spike
MW-3	Uranium	9/12/2002	0.046	mg/L		Split, Duplicate, or Spike
MW-3	Vanadium	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Vanadium	6/24/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	8/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	1/27/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	4/21/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	12/28/1981	0.5	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Vanadium	11/1/2001	0.1	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-3	Vanadium	6/16/1980	210	ug/L		Extreme
MW-3	Vanadium	9/12/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-3	Zinc	6/15/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-3	Zinc	11/1/2001	0.01	mg/L		Duplicate
MW-3	Zinc	10/31/1979	820	ug/L		Extreme
MW-3	Zinc	6/16/1980	440	ug/L		Extreme
MW-3	Zinc	3/18/1981	297000	ug/L		Extreme
MW-3	Zinc	8/18/1981	441	ug/L		Extreme
MW-32	Arsenic	9/13/2002	2	ug/L		Extreme
MW-32	Beryllium	9/13/2002	10	ug/L	U	Extreme
MW-32	Beryllium	3/30/2005	2.6	ug/L		Extreme
MW-32	Cadmium	3/30/2005	23.8	ug/L		Extreme
MW-32	Chromium	9/13/2002	50	ug/L	U	Extreme
MW-32	Chromium	3/30/2005	50	ug/L	U	Extreme
MW-32	Chromium	9/22/2005	20	ug/L	U	Extreme
MW-32	Copper	3/30/2005	51	ug/L		Extreme
MW-32	Gross Alpha minus Rn & U	3/16/2007	16.8	pCi/L		Extreme
MW-32	Lead	3/30/2005	16	ug/L		Extreme
MW-32	Lead	1/25/2006	1.8	ug/L		Extreme
MW-32	Lead	4/25/2006	1.2	ug/L		Extreme
MW-32	Lead	9/13/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-32	Mercury	9/13/2002	1	ug/L	U	Extreme
MW-32	Molybdenum	3/30/2005	20	ug/L	U	Extreme
MW-32	Molybdenum	9/13/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-32	Nickel	5/22/2007	127	ug/L		Extreme
MW-32	Nitrate	9/13/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-32	Selenium	9/13/2002	4	ug/L		Extreme
MW-32	Thallium	9/13/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-32	Thallium	3/30/2005	1	ug/L	U	Extreme
MW-32	Uranium	9/13/2002	0.003	mg/L		Split, Duplicate, or Spike
MW-32	Vanadium	3/30/2005	20	ug/L	U	Extreme
MW-32	Vanadium	9/22/2005	20	ug/L	U	Extreme
MW-32	Vanadium	9/13/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-32	Zinc	3/30/2005	594	ug/L		Extreme
MW-5	Ammonia	11/1/1989	0.7	mg/L		Duplicate
MW-5	Ammonia	7/16/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	8/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	9/1/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	10/1/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	12/9/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	2/11/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	3/17/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	4/21/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Ammonia	6/18/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Arsenic	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-5	Arsenic	12/10/1986	0.002	mg/L		Duplicate
MW-5	Arsenic	2/20/1987	0.001	mg/L		Duplicate
MW-5	Arsenic	4/29/1987	0.001	mg/L		Duplicate
MW-5	Arsenic	3/9/1989	19	ug/L		Extreme
MW-5	Beryllium	11/1/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Beryllium	12/15/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Beryllium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Beryllium	11/28/2000	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Beryllium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Beryllium	11/16/1989	10	ug/L	U	Extreme
MW-5	Beryllium	2/28/1991	3	ug/L		Extreme
MW-5	Beryllium	3/30/1994	10	ug/L	U	Extreme
MW-5	Beryllium	9/10/2002	10	ug/L	U	Extreme
MW-5	Cadmium	12/28/1981	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Cadmium	5/24/1983	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Cadmium	8/24/1994	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Chloride	12/10/1986	54	mg/L		Duplicate
MW-5	Chloride	2/20/1987	54	mg/L		Duplicate
MW-5	Chloride	4/28/1987	54.3	mg/L		Duplicate
MW-5	Chloride	11/20/1987	53.2	mg/L		Duplicate
MW-5	Chloride	8/14/1987	54	mg/L		Duplicate
MW-5	Chloride	9/1/1981	4	mg/L		Extreme

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-5	Chloride	12/28/1981	20	mg/L		Extreme
MW-5	Chloride	6/26/1986	130	mg/L		Extreme
MW-5	Chloride	11/28/2000	56.5	mg/L		Duplicate
MW-5	Chloride	11/6/2001	67.9	mg/L		Removed due to charge balance inconsistencies
MW-5	Copper	6/14/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-5	Iron	8/18/1981	0.17	mg/L		Duplicate
MW-5	Lead	6/18/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	8/18/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	9/1/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	12/28/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	1/26/1982	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	2/18/1999	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	11/28/2000	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	11/6/2001	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Lead	5/19/1980	130	ug/L		Extreme
MW-5	Lead	6/16/1980	180	ug/L		Extreme
MW-5	Lead	7/16/1980	70	ug/L		Extreme
MW-5	Lead	9/10/2002	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Manganese	6/14/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-5	Manganese	6/18/1981	10	ug/L	U	Extreme
MW-5	Manganese	9/1/1981	10	ug/L		Extreme
MW-5	Manganese	5/12/1999	3	ug/L		Extreme
MW-5	Mercury	5/12/1999	2	ug/L		Extreme
MW-5	Mercury	6/14/1984	0.1	mg/L		Possible truncated value, no lab report available
MW-5	Molybdenum	6/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	7/16/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	8/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	9/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	10/1/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	11/11/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	12/9/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	1/22/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	2/11/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	3/17/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	4/21/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	6/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	8/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	12/28/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	1/26/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	5/24/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	8/24/1994	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	5/19/1980	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Molybdenum	6/28/1985	100	ug/L		Extreme
MW-5	Molybdenum	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Nickel	11/28/2000	0.05	mg/L	U	Duplicate
MW-5	Nickel	11/11/1980		mg/L		No value given in lab report
MW-5	Nickel	12/9/1980		mg/L		No value given in lab report
MW-5	Nickel	1/22/1981		mg/L		No value given in lab report
MW-5	Nickel	2/11/1981		pCi/L		No value given in lab report
MW-5	Nickel	4/21/1981		mg/L		No value given in lab report
MW-5	Nitrate	6/16/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	7/16/1980	0.9	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	1/26/1982	0.93	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	5/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	8/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	9/1/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	10/1/1980	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	11/11/1980	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	12/9/1980	0.3	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	1/22/1981	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	2/11/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	3/17/1981	0.6	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	4/21/1981	1.2	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	6/18/1981	1.2	mg/L		Only using NO3 + NO2 with results for both

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-5	Nitrate	8/18/1981	1.1	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	9/1/1981	0.5	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	12/28/1981	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate	5/24/1983	0.6			Only using NO3 + NO2 with results for both
MW-5	Nitrate	9/10/2002	0.1	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrate+Nitrite as N	7/16/1980	0.91	mg/L		Extreme
MW-5	Nitrate+Nitrite as N	1/26/1982	0.98	mg/L		Extreme
MW-5	Nitrite	9/1/1980		mg/L		No value given in lab report
MW-5	Nitrite	6/16/1980	0.01	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	7/16/1980	0.01	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	1/26/1982	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	5/19/1980	0.05	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	8/19/1980	0.025	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	10/1/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	11/11/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	12/9/1980	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	1/22/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	2/11/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	3/17/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	4/21/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	6/18/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	8/18/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Nitrite	9/1/1981	0.001	mg/L		Only using NO3 + NO2 with results for both
MW-5	Selenium	9/4/1986	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-5	Selenium	12/10/1986	0.002	mg/L		Duplicate
MW-5	Selenium	2/20/1987	0.001	mg/L		Duplicate
MW-5	Selenium	4/29/1987	0.001	mg/L		Duplicate
MW-5	Selenium	11/20/1987	18	ug/L		Extreme
MW-5	Selenium	11/4/1988	26	ug/L		Extreme
MW-5	Selenium	6/6/1996	46	ug/L		Extreme
MW-5	Silver	5/24/1983	0.01	ug/L	U	Extreme
MW-5	Silver	5/12/1999	1	ug/L	U	Extreme
MW-5	Silver	9/10/2002	2	ug/L	U	Extreme
MW-5	Silver	5/19/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Silver	11/11/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Silver	12/9/1980		mg/L		Non detect value and no detection limit in lab report
MW-5	Silver	1/22/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Silver	2/11/1981		mg/L		Non detect value and no detection limit in lab report
MW-5	Sulfate	12/10/1986	1140	mg/L		Duplicate
MW-5	Sulfate	2/20/1987	1120	mg/L		Duplicate
MW-5	Sulfate	4/28/1987	1310	mg/L		Duplicate
MW-5	Sulfate	8/14/1987	1140	mg/L		Duplicate
MW-5	Sulfate	9/1/1981	28	mg/L		Extreme
MW-5	Sulfate	12/15/1985	7820	mg/L		Extreme
MW-5	Sulfate	6/26/1986	1890	mg/L		Extreme
MW-5	Sulfate	9/10/2002	1470	mg/L		Removed due to charge balance inconsistencies
MW-5	TDS @ 180 C	12/10/1986	2100	mg/L		Duplicate
MW-5	TDS @ 180 C	2/20/1987	2050	mg/L		Duplicate
MW-5	TDS @ 180 C	4/28/1987	2380	mg/L		Duplicate
MW-5	TDS @ 180 C	11/20/1987	1970	mg/L		Duplicate
MW-5	TDS @ 180 C	8/14/1987	1990	mg/L		Duplicate
MW-5	TDS @ 180 C	9/1/1981	229	mg/L		Extreme
MW-5	TDS @ 180 C	12/15/1985	6600	mg/L		Extreme
MW-5	TDS @ 180 C	6/26/1986	3210	mg/L		Extreme
MW-5	Thallium	11/1/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Thallium	12/15/1989	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Thallium	11/6/2001	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Thallium	9/10/2002	0.01	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Thallium	11/16/1989	10	ug/L	U	Extreme
MW-5	Uranium	9/1/1980	8	ug/L		Extreme
MW-5	Uranium	10/1/1980	8	ug/L		Extreme
MW-5	Uranium	1/22/1981	13	ug/L		Extreme
MW-5	Uranium	3/17/1981	30	ug/L		Extreme
MW-5	Uranium	4/21/1981	26	ug/L		Extreme
MW-5	Uranium	6/18/1981	14	ug/L		Extreme
MW-5	Uranium	4/29/1987		mg/L		No value given in lab report
MW-5	Uranium	8/19/1980	31	ppb		Not using U3O8

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-5	Uranium	9/1/1980	10	ppb		Not using U3O8
MW-5	Uranium	10/1/1980	31	ppb		Not using U3O8
MW-5	Uranium	11/11/1980	9	ppb		Not using U3O8
MW-5	Uranium	12/9/1980	2	ppb		Not using U3O8
MW-5	Uranium	1/22/1981	2	ppb		Not using U3O8
MW-5	Uranium	2/11/1981	6	ppb		Not using U3O8
MW-5	Uranium	3/17/1981	1	ppb		Not using U3O8
MW-5	Uranium	4/21/1981	3	ppb		Not using U3O8
MW-5	Uranium	9/1/1981	1	ppb		Not using U3O8
MW-5	Uranium	4/13/1982	4	ug/L		Not using U3O8
MW-5	Uranium	9/10/2002	1	ug/L		Split, Duplicate, or Spike
MW-5	Uranium	4/29/1987	0.9	pCi/L		Duplicate
MW-5	Uranium	8/19/1987	2.1E-09	pCi/L		Duplicate
MW-5	Uranium	12/10/1986	0.2	pCi/L		Duplicate
MW-5	Uranium	2/20/1987	0.2	pCi/L		Duplicate
MW-5	Uranium	3/15/1995	3.25E-08	pCi/L		Duplicate
MW-5	Uranium	5/19/1980	8	ug/L		Extreme
MW-5	Uranium	6/16/1980	8	ug/L		Extreme
MW-5	Uranium	7/16/1980	8	ug/L		Extreme
MW-5	Uranium	8/19/1980	10	ug/L		Extreme
MW-5	Uranium	6/18/1981	12	ug/L		Extreme
MW-5	Uranium	9/27/1985	7.46	ug/L		Extreme
MW-5	Uranium	4/8/1986	10.30	ug/L		Extreme
MW-5	Uranium	3/15/1995	48.51	ug/L		Extreme
MW-5	Uranium	12/8/1995	27	ug/L		Extreme
MW-5	Uranium	2/18/1999	19	ug/L		Extreme
MW-5	Uranium	9/15/1992	6.06	ug/L		Extreme
MW-5	Uranium	5/19/1980	2	ppb		Not using U3O8
MW-5	Uranium	6/16/1980	10	mg/L		Not using U3O8
MW-5	Uranium	7/16/1980	16	ppm		Not using U3O8
MW-5	Uranium	3/30/1994	5.42E-10	uCi/ml		Split, Duplicate, or Spike
MW-5	Uranium	3/30/1994	0.2	pCi/L		Split, Duplicate, or Spike
MW-5	Uranium	11/28/2000	0.0022	mg/L		Split, Duplicate, or Spike
MW-5	Uranium	9/10/2002	0.001	mg/L		Split, Duplicate, or Spike
MW-5	Uranium	9/10/2002	1	ug/L		Split, Duplicate, or Spike
MW-5	Vanadium	6/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	8/18/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	9/1/1981	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	1/26/1982	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	5/24/1983	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	11/28/2000	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	11/6/2001	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	6/28/1985	0.2	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	12/28/1981	0.05	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Vanadium	9/10/2002	0.1	mg/L	U	Detection Limit insensitive to GWQS
MW-5	Zinc	6/14/1984	0	mg/L		0 value could not verify in lab report, data not QA'd
MW-5	Zinc	6/16/1980	250	ug/L		Extreme
MW-5	Zinc	3/17/1981	54000	ug/L		Extreme
MW-5	Zinc	8/18/1981	449	ug/L		Extreme
MW-5 Dup	Arsenic	12/10/1986	0.002	mg/L		Duplicate
MW-5 Dup	Chloride	12/10/1986	55	mg/L		Duplicate
MW-5 Dup	Selenium	12/10/1986	0.002	mg/L	U	Duplicate
MW-5 Dup	Sulfate	12/10/1986	1160	mg/L		Duplicate
MW-5 Dup	TDS @ 180 C	12/10/1986	2080	mg/L		Duplicate
MW-5 Dup	Uranium	12/10/1986	1.6	pCi/L		Duplicate
MW-5A	Arsenic	12/10/1986	0.002	mg/L		Duplicate
MW-5A	Selenium	12/10/1986	0.002	mg/L	U	Duplicate
MW-5B	TDS @ 180 C	11/1/1992	1963	mg/L		Duplicate
MW-63	Ammonia	6/20/2006	0.59	mg/L		Duplicate
MW-63	Ammonia	3/30/2005	0.6	mg/L		Duplicate
MW-63	Ammonia	6/21/2005	0.55	mg/L		Duplicate
MW-63	Ammonia	9/22/2005	0.61	mg/L		Duplicate
MW-63	Ammonia	12/13/2005	0.61	mg/L		Duplicate
MW-63	Arsenic	6/20/2006	5	ug/L	U	Duplicate
MW-63	Arsenic	3/30/2005	5	ug/L	U	Duplicate
MW-63	Arsenic	6/21/2005	5	ug/L	U	Duplicate
MW-63	Arsenic	9/22/2005	5	ug/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-63	Arsenic	12/13/2005	5	ug/L	U	Duplicate
MW-63	Beryllium	6/20/2006	0.5	ug/L	U	Duplicate
MW-63	Beryllium	3/30/2005	0.5	ug/L	U	Duplicate
MW-63	Beryllium	6/21/2005	0.5	ug/L	U	Duplicate
MW-63	Beryllium	9/22/2005	0.5	ug/L	U	Duplicate
MW-63	Beryllium	12/13/2005	0.5	ug/L	U	Duplicate
MW-63	Cadmium	6/20/2006	0.5	ug/L	U	Duplicate
MW-63	Cadmium	6/20/2006	31	ug/L		Duplicate
MW-63	Cadmium	3/30/2005	0.5	ug/L	U	Duplicate
MW-63	Cadmium	6/21/2005	0.5	ug/L	U	Duplicate
MW-63	Cadmium	9/22/2005	0.5	ug/L	U	Duplicate
MW-63	Cadmium	12/13/2005	0.5	ug/L	U	Duplicate
MW-63	Cadmium	12/13/2005	31	ug/L		Duplicate
MW-63	Cadmium	8/16/2006	1.47	ug/L		Duplicate
MW-63	Chloride	3/30/2005	31	mg/L		Duplicate
MW-63	Chloride	6/21/2005	30	mg/L		Duplicate
MW-63	Chloride	9/22/2005	33	mg/L		Duplicate
MW-63	Chromium	6/20/2006	25	ug/L	U	Duplicate
MW-63	Chromium	3/30/2005	50	ug/L	U	Duplicate
MW-63	Chromium	6/21/2005	50	ug/L	U	Duplicate
MW-63	Chromium	9/22/2005	25	ug/L	U	Duplicate
MW-63	Chromium	12/13/2005	25	ug/L	U	Duplicate
MW-63	Cobalt	6/20/2006	10	ug/L	U	Duplicate
MW-63	Cobalt	3/30/2005	10	ug/L	U	Duplicate
MW-63	Cobalt	6/21/2005	10	ug/L	U	Duplicate
MW-63	Cobalt	9/22/2005	10	ug/L	U	Duplicate
MW-63	Cobalt	12/13/2005	10	ug/L	U	Duplicate
MW-63	Copper	6/20/2006	10	ug/L	U	Duplicate
MW-63	Copper	3/30/2005	22	ug/L		Duplicate
MW-63	Copper	6/21/2005	10	ug/L	U	Duplicate
MW-63	Copper	9/22/2005	10	ug/L	U	Duplicate
MW-63	Copper	12/13/2005	10	ug/L	U	Duplicate
MW-63	Fluoride	6/20/2006	0.5	mg/L		Duplicate
MW-63	Fluoride	3/30/2005	0.5	mg/L		Duplicate
MW-63	Fluoride	6/21/2005	0.7	mg/L		Duplicate
MW-63	Fluoride	9/22/2005	0.6	mg/L		Duplicate
MW-63	Fluoride	12/13/2005	0.5	mg/L		Duplicate
MW-63	Gross Alpha minus Rn & U	6/20/2006	1	pCi/L	U	Duplicate
MW-63	Gross Alpha minus Rn & U	3/30/2005	1	pCi/L	U	Duplicate
MW-63	Gross Alpha minus Rn & U	9/22/2005	1	pCi/L	U	Duplicate
MW-63	Gross Alpha minus Rn & U	12/13/2005	1	pCi/L	U	Duplicate
MW-63	Iron	1/25/2006	30	ug/L	U	Duplicate
MW-63	Iron	2/21/2006	30	ug/L	U	Duplicate
MW-63	Iron	4/25/2006	30	ug/L	U	Duplicate
MW-63	Iron	5/26/2006	30	ug/L	U	Duplicate
MW-63	Iron	6/20/2006	136	ug/L		Duplicate
MW-63	Iron	3/30/2005	3170	ug/L		Duplicate
MW-63	Iron	6/21/2005	30	ug/L	U	Duplicate
MW-63	Iron	9/22/2005	30	ug/L	U	Duplicate
MW-63	Iron	10/26/2005	30	ug/L	U	Duplicate
MW-63	Iron	11/15/2005	30	ug/L	U	Duplicate
MW-63	Iron	12/13/2005	30	ug/L	U	Duplicate
MW-63	Iron	8/16/2006	7550	ug/L		Duplicate
MW-63	Lead	1/25/2006	1	ug/L	U	Duplicate
MW-63	Lead	2/21/2006	1	ug/L	U	Duplicate
MW-63	Lead	4/25/2006	1	ug/L	U	Duplicate
MW-63	Lead	5/26/2006	1	ug/L	U	Duplicate
MW-63	Lead	6/20/2006	1.5	ug/L		Duplicate
MW-63	Lead	3/30/2005	33	ug/L		Duplicate
MW-63	Lead	6/21/2005	1	ug/L	U	Duplicate
MW-63	Lead	9/22/2005	1	ug/L	U	Duplicate
MW-63	Lead	10/26/2005	1	ug/L	U	Duplicate
MW-63	Lead	11/15/2005	1	ug/L	U	Duplicate
MW-63	Lead	12/13/2005	1	ug/L	U	Duplicate
MW-63	Manganese	4/25/2006	83	ug/L		Duplicate
MW-63	Manganese	6/20/2006	103	ug/L		Duplicate
MW-63	Manganese	7/11/2006	108	ug/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-63	Manganese	3/30/2005	89	ug/L		Duplicate
MW-63	Manganese	6/21/2005	92	ug/L		Duplicate
MW-63	Manganese	9/22/2005	82	ug/L		Duplicate
MW-63	Manganese	12/13/2005	97	ug/L		Duplicate
MW-63	Manganese	8/16/2006	5160	ug/L		Duplicate
MW-63	Mercury	6/20/2006	0.5	ug/L	U	Duplicate
MW-63	Mercury	3/30/2005	0.5	ug/L	U	Duplicate
MW-63	Mercury	6/21/2005	0.5	ug/L	U	Duplicate
MW-63	Mercury	9/22/2005	0.5	ug/L	U	Duplicate
MW-63	Mercury	12/13/2005	0.5	ug/L	U	Duplicate
MW-63	Molybdenum	6/20/2006	10	ug/L	U	Duplicate
MW-63	Molybdenum	3/30/2005	20	ug/L	U	Duplicate
MW-63	Molybdenum	6/21/2005	10	ug/L	U	Duplicate
MW-63	Molybdenum	9/22/2005	10	ug/L	U	Duplicate
MW-63	Molybdenum	12/13/2005	10	ug/L	U	Duplicate
MW-63	Nickel	6/20/2006	20	ug/L	U	Duplicate
MW-63	Nickel	3/30/2005	20	ug/L	U	Duplicate
MW-63	Nickel	6/21/2005	20	ug/L	U	Duplicate
MW-63	Nickel	9/22/2005	20	ug/L	U	Duplicate
MW-63	Nickel	12/13/2005	20	ug/L	U	Duplicate
MW-63	Nickel	8/16/2006	59	ug/L		Duplicate
MW-63	Nitrate+Nitrite as N	6/20/2006	0.1	mg/L	U	Duplicate
MW-63	Nitrate+Nitrite as N	3/30/2005	0.1	mg/L	U	Duplicate
MW-63	Nitrate+Nitrite as N	6/21/2005	0.1	mg/L	U	Duplicate
MW-63	Nitrate+Nitrite as N	9/22/2005	0.1	mg/L	U	Duplicate
MW-63	Nitrate+Nitrite as N	12/13/2005	0.1	mg/L	U	Duplicate
MW-63	PH	6/20/2006	7.93	s.u.		Duplicate
MW-63	pH	6/21/2005	7.96	s.u.		Duplicate
MW-63	pH	9/22/2005	8.25	s.u.		Duplicate
MW-63	PH	12/13/2005	8.19	s.u.		Duplicate
MW-63	Selenium	6/20/2006	5	ug/L	U	Duplicate
MW-63	Selenium	3/30/2005	5	ug/L	U	Duplicate
MW-63	Selenium	6/21/2005	5	ug/L	U	Duplicate
MW-63	Selenium	9/22/2005	5	ug/L	U	Duplicate
MW-63	Selenium	12/13/2005	5	ug/L	U	Duplicate
MW-63	Silver	6/20/2006	10	ug/L	U	Duplicate
MW-63	Silver	3/30/2005	10	ug/L	U	Duplicate
MW-63	Silver	6/21/2005	10	ug/L	U	Duplicate
MW-63	Silver	9/22/2005	10	ug/L	U	Duplicate
MW-63	Silver	12/13/2005	10	ug/L	U	Duplicate
MW-63	Sulfate	6/20/2006	1150	mg/L	D	Duplicate
MW-63	Sulfate	3/30/2005	1180	mg/L	D	Duplicate
MW-63	Sulfate	6/21/2005	1070	mg/L		Duplicate
MW-63	Sulfate	9/22/2005	973	mg/L		Duplicate
MW-63	Sulfate	12/13/2005	1060	mg/L	D	Duplicate
MW-63	TDS @ 180 C	6/20/2006	1970	mg/L		Duplicate
MW-63	TDS @ 180 C	3/30/2005	1840	mg/L		Duplicate
MW-63	TDS @ 180 C	6/21/2005	1940	mg/L		Duplicate
MW-63	TDS @ 180 C	9/22/2005	1920	mg/L		Duplicate
MW-63	TDS @ 180 C	12/13/2005	1930	mg/L		Duplicate
MW-63	Thallium	6/20/2006	0.5	ug/L	U	Duplicate
MW-63	Thallium	3/30/2005	1	ug/L	U	Duplicate
MW-63	Thallium	6/21/2005	0.5	ug/L	U	Duplicate
MW-63	Thallium	9/22/2005	0.5	ug/L	U	Duplicate
MW-63	Thallium	12/13/2005	0.5	ug/L	U	Duplicate
MW-63	Tin	6/20/2006	100	ug/L	U	Duplicate
MW-63	Uranium	3/30/2005	0.7	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	6/21/2005	0.74	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	7/11/2006	17.8	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	8/16/2006	2.08	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	9/22/2005	0.67	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	12/13/2005	0.9	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	4/25/2006	0.71	ug/L		Split, Duplicate, or Spike
MW-63	Uranium	6/20/2006	1.04	ug/L		Split, Duplicate, or Spike
MW-63	Vanadium	6/20/2006	15	ug/L	U	Duplicate
MW-63	Vanadium	3/30/2005	20	ug/L	U	Duplicate
MW-63	Vanadium	6/21/2005	15	ug/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-63	Vanadium	9/22/2005	15	ug/L	U	Duplicate
MW-63	Vanadium	12/13/2005	15	ug/L	U	Duplicate
MW-63	Zinc	6/20/2006	10	ug/L	U	Duplicate
MW-63	Zinc	3/30/2005	10	ug/L		Duplicate
MW-63	Zinc	6/21/2005	10	ug/L	U	Duplicate
MW-63	Zinc	9/22/2005	10	ug/L	U	Duplicate
MW-63	Zinc	12/13/2005	10	ug/L	U	Duplicate
MW-65	Ammonia	6/20/2007	0.36	mg/L		Duplicate
MW-65	Ammonia	3/21/2006	0.09	mg/L		Duplicate
MW-65	Ammonia	9/12/2006	0.44	mg/L		Duplicate
MW-65	Ammonia	10/24/2006	0.66	mg/L		Duplicate
MW-65	Ammonia	3/16/2007	0.21	mg/L		Duplicate
MW-65	Arsenic	6/20/2007	5	ug/L	U	Duplicate
MW-65	Arsenic	3/21/2006	5	ug/L	U	Duplicate
MW-65	Arsenic	9/12/2006	5	ug/L	U	Duplicate
MW-65	Arsenic	10/24/2006	5	ug/L	U	Duplicate
MW-65	Arsenic	3/16/2007	5	ug/L	U	Duplicate
MW-65	Beryllium	6/20/2007	0.5	ug/L	U	Duplicate
MW-65	Beryllium	3/21/2006	0.5	ug/L	U	Duplicate
MW-65	Beryllium	9/12/2006	0.5	ug/L	U	Duplicate
MW-65	Beryllium	10/24/2006	0.5	ug/L	U	Duplicate
MW-65	Beryllium	3/16/2007	0.5	ug/L	U	Duplicate
MW-65	Cadmium	6/20/2007	0.5	ug/L	U	Duplicate
MW-65	Cadmium	3/21/2006	0.5	ug/L	U	Duplicate
MW-65	Cadmium	9/12/2006	0.5	ug/L	U	Duplicate
MW-65	Cadmium	10/24/2006	0.5	ug/L	U	Duplicate
MW-65	Cadmium	3/16/2007	0.5	ug/L	U	Duplicate
MW-65	Chloride	6/20/2007	52	mg/L		Duplicate
MW-65	Chloride	3/21/2006	36	mg/L		Duplicate
MW-65	Chloride	9/12/2006	47	mg/L		Duplicate
MW-65	Chloride	10/24/2006	54	mg/L		Duplicate
MW-65	Chloride	3/16/2007	57	mg/L		Duplicate
MW-65	Chromium	6/20/2007	25	ug/L	U	Duplicate
MW-65	Chromium	3/21/2006	25	ug/L	U	Duplicate
MW-65	Chromium	9/12/2006	25	ug/L	U	Duplicate
MW-65	Chromium	10/24/2006	25	ug/L	U	Duplicate
MW-65	Chromium	3/16/2007	25	ug/L	U	Duplicate
MW-65	Cobalt	6/20/2007	10	ug/L	U	Duplicate
MW-65	Cobalt	3/21/2006	10	ug/L	U	Duplicate
MW-65	Cobalt	9/12/2006	10	ug/L	U	Duplicate
MW-65	Cobalt	10/24/2006	10	ug/L	U	Duplicate
MW-65	Cobalt	3/16/2007	10	ug/L	U	Duplicate
MW-65	Copper	6/20/2007	10	ug/L	U	Duplicate
MW-65	Copper	3/21/2006	10	ug/L	U	Duplicate
MW-65	Copper	9/12/2006	10	ug/L	U	Duplicate
MW-65	Copper	10/24/2006	10	ug/L	U	Duplicate
MW-65	Copper	3/16/2007	10	ug/L	U	Duplicate
MW-65	Fluoride	6/20/2007	0.3	mg/L		Duplicate
MW-65	Fluoride	3/21/2006	0.8	mg/L		Duplicate
MW-65	Fluoride	9/12/2006	0.2	mg/L		Duplicate
MW-65	Fluoride	10/24/2006	0.2	mg/L		Duplicate
MW-65	Fluoride	3/16/2007	0.3	mg/L		Duplicate
MW-65	Gross Alpha minus Rn & U	6/20/2007	3.2	pCi/L		Duplicate
MW-65	Gross Alpha minus Rn & U	3/21/2006	1	pCi/L	U	Duplicate
MW-65	Gross Alpha minus Rn & U	9/12/2006	2.4	pCi/L		Duplicate
MW-65	Gross Alpha minus Rn & U	10/24/2006	1.9	pCi/L		Duplicate
MW-65	Gross Alpha minus Rn & U	3/16/2007	2.2	pCi/L		Duplicate
MW-65	Iron	6/20/2007	482	ug/L		Duplicate
MW-65	Iron	3/21/2006	30	ug/L	U	Duplicate
MW-65	Iron	9/12/2006	707	ug/L		Duplicate
MW-65	Iron	10/24/2006	509	ug/L		Duplicate
MW-65	Iron	3/16/2007	73	ug/L		Duplicate
MW-65	Lead	6/20/2007	1	ug/L	U	Duplicate
MW-65	Lead	3/21/2006	1	ug/L	I	Duplicate
MW-65	Lead	9/12/2006	1	ug/L	U	Duplicate
MW-65	Lead	10/24/2006	1	ug/L	U	Duplicate
MW-65	Lead	3/16/2007	1	ug/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-65	Manganese	1/23/2007	332	ug/L		Duplicate
MW-65	Manganese	2/8/2007	951	ug/L		Duplicate
MW-65	Manganese	6/20/2007	1200	ug/L		Duplicate
MW-65	Manganese	3/21/2006	10	ug/L	U	Duplicate
MW-65	Manganese	9/12/2006	856	ug/L		Duplicate
MW-65	Manganese	9/12/2006	859	ug/L		Duplicate
MW-65	Manganese	10/24/2006	1260	ug/L		Duplicate
MW-65	Manganese	11/13/2006	1270	ug/L		Duplicate
MW-65	Manganese	12/13/2006	1190	ug/L		Duplicate
MW-65	Manganese	3/16/2007	1070	ug/L		Duplicate
MW-65	Manganese	4/24/2007	1330	ug/L		Duplicate
MW-65	Manganese	5/22/2007	814	ug/L		Duplicate
MW-65	Mercury	6/20/2007	0.5	ug/L	U	Duplicate
MW-65	Mercury	3/21/2006	0.5	ug/L	U	Duplicate
MW-65	Mercury	9/12/2006	0.5	ug/L	U	Duplicate
MW-65	Mercury	10/24/2006	0.5	ug/L	U	Duplicate
MW-65	Mercury	3/16/2007	0.5	ug/L	U	Duplicate
MW-65	Molybdenum	6/20/2007	10	ug/L	U	Duplicate
MW-65	Molybdenum	3/21/2006	10	ug/L	U	Duplicate
MW-65	Molybdenum	9/12/2006	10	ug/L	U	Duplicate
MW-65	Molybdenum	10/24/2006	10	ug/L	U	Duplicate
MW-65	Molybdenum	3/16/2007	10	ug/L	U	Duplicate
MW-65	Nickel	6/20/2007	20	ug/L	U	Duplicate
MW-65	Nickel	3/21/2006	20	ug/L	U	Duplicate
MW-65	Nickel	9/12/2006	20	ug/L	U	Duplicate
MW-65	Nickel	10/24/2006	20	ug/L	U	Duplicate
MW-65	Nickel	3/16/2007	20	ug/L	U	Duplicate
MW-65	Nitrate+Nitrite as N	6/20/2007	0.5	mg/L		Duplicate
MW-65	Nitrate+Nitrite as N	3/21/2006	5.5	mg/L	D	Duplicate
MW-65	Nitrate+Nitrite as N	9/12/2006	0.4	mg/L		Duplicate
MW-65	Nitrate+Nitrite as N	10/24/2006	0.1	mg/L		Duplicate
MW-65	Nitrate+Nitrite as N	3/16/2007	0.4	mg/L		Duplicate
MW-65	pH	6/20/2007	7.11	s.u.		Duplicate
MW-65	PH	3/21/2006	8.06	s.u.		Duplicate
MW-65	pH	9/12/2006	6.98	s.u.		Duplicate
MW-65	pH	10/24/2006	7.17	s.u.		Duplicate
MW-65	pH	3/16/2007	6.59	s.u.		Duplicate
MW-65	Selenium	6/20/2007	5	ug/L	U	Duplicate
MW-65	Selenium	3/21/2006	9.4	ug/L		Duplicate
MW-65	Selenium	9/12/2006	5	ug/L	U	Duplicate
MW-65	Selenium	10/24/2006	5	ug/L	U	Duplicate
MW-65	Selenium	3/16/2007	13.3	ug/L		Duplicate
MW-65	Silver	6/20/2007	10	ug/L	U	Duplicate
MW-65	Silver	3/21/2006	10	ug/L	U	Duplicate
MW-65	Silver	9/12/2006	10	ug/L	U	Duplicate
MW-65	Silver	10/24/2006	10	ug/L	U	Duplicate
MW-65	Silver	3/16/2007	10	ug/L	U	Duplicate
MW-65	Sulfate	6/20/2007	1960	mg/L	D	Duplicate
MW-65	Sulfate	3/21/2006	362	mg/L		Duplicate
MW-65	Sulfate	9/12/2006	1830	mg/L	D	Duplicate
MW-65	Sulfate	10/24/2006	2040	mg/L	D	Duplicate
MW-65	Sulfate	3/16/2007	1960	mg/L	D	Duplicate
MW-65	TDS @ 180 C	6/20/2007	3260	mg/L		Duplicate
MW-65	TDS @ 180 C	3/21/2006	1010	mg/L		Duplicate
MW-65	TDS @ 180 C	9/12/2006	3090	mg/L		Duplicate
MW-65	TDS @ 180 C	10/24/2006	3130	mg/L		Duplicate
MW-65	TDS @ 180 C	3/16/2007	3280	mg/L		Duplicate
MW-65	Thallium	6/20/2007	0.5	ug/L	U	Duplicate
MW-65	Thallium	3/21/2006	0.5	ug/L	U	Duplicate
MW-65	Thallium	9/12/2006	0.5	ug/L	U	Duplicate
MW-65	Thallium	10/24/2006	0.5	ug/L	U	Duplicate
MW-65	Thallium	3/16/2007	0.5	ug/L	U	Duplicate
MW-65	Tin	6/20/2007	100	ug/L	U	Duplicate
MW-65	Tin	9/12/2006	100	ug/L	U	Duplicate
MW-65	Tin	10/24/2006	100	ug/L	U	Duplicate
MW-65	Tin	3/16/2007	100	ug/L	U	Duplicate
MW-65	Uranium	9/12/2006	8.03	ug/L		Split, Duplicate, or Spike

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-65	Uranium	10/24/2006	22.3	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	11/13/2006	20.8	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	12/13/2006	24.1	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	3/16/2007	41	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	4/24/2007	37	ug/L		Duplicate
MW-65	Uranium	5/22/2007	96	ug/L		Duplicate
MW-65	Uranium	3/21/2006	31.7	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	1/23/2007	20.1	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	2/8/2007	42.4	ug/L		Split, Duplicate, or Spike
MW-65	Uranium	6/20/2007	24.3	ug/L		Split, Duplicate, or Spike
MW-65	Vanadium	6/20/2007	15	ug/L	U	Duplicate
MW-65	Vanadium	3/21/2006	15	ug/L	U	Duplicate
MW-65	Vanadium	9/12/2006	20	ug/L	U	Duplicate
MW-65	Vanadium	10/24/2006	15	ug/L	U	Duplicate
MW-65	Vanadium	3/16/2007	15	ug/L	U	Duplicate
MW-65	Zinc	6/20/2007	10	ug/L	U	Duplicate
MW-65	Zinc	3/21/2006	10	ug/L	U	Duplicate
MW-65	Zinc	9/12/2006	10	ug/L	U	Duplicate
MW-65	Zinc	10/24/2006	13	ug/L		Duplicate
MW-65	Zinc	3/16/2007	10	ug/L	U	Duplicate
MW-70	Ammonia	9/13/2006	0.54	mg/L		Duplicate
MW-70	Ammonia	10/25/2006	0.61	mg/L		Duplicate
MW-70	Ammonia	3/15/2007	0.05	mg/L	U	Duplicate
MW-70	Arsenic	9/13/2006	5	ug/L	U	Duplicate
MW-70	Arsenic	10/25/2006	5	ug/L	U	Duplicate
MW-70	Arsenic	3/15/2007	5	ug/L	U	Duplicate
MW-70	Beryllium	9/13/2006	0.5	ug/L	U	Duplicate
MW-70	Beryllium	10/25/2006	0.5	ug/L	U	Duplicate
MW-70	Beryllium	3/15/2007	0.5	ug/L	U	Duplicate
MW-70	Cadmium	9/13/2006	0.5	ug/L	U	Duplicate
MW-70	Cadmium	9/13/2006	31	ug/L		Duplicate
MW-70	Cadmium	10/25/2006	0.5	ug/L	U	Duplicate
MW-70	Cadmium	3/15/2007	0.5	ug/L	U	Duplicate
MW-70	Chloride	10/25/2006	33	mg/L		Duplicate
MW-70	Chloride	3/15/2007	132	ug/L		Duplicate
MW-70	Chromium	9/13/2006	25	ug/L	U	Duplicate
MW-70	Chromium	10/25/2006	25	ug/L	U	Duplicate
MW-70	Chromium	3/15/2007	25	ug/L	U	Duplicate
MW-70	Cobalt	9/13/2006	10	ug/L	U	Duplicate
MW-70	Cobalt	10/25/2006	10	ug/L	U	Duplicate
MW-70	Cobalt	3/15/2007	10	ug/L	U	Duplicate
MW-70	Copper	9/13/2006	10	ug/L	U	Duplicate
MW-70	Copper	10/25/2006	10	ug/L	U	Duplicate
MW-70	Copper	3/15/2007	10	ug/L	U	Duplicate
MW-70	Fluoride	9/13/2006	0.5	mg/L		Duplicate
MW-70	Fluoride	10/25/2006	0.6	mg/L		Duplicate
MW-70	Fluoride	3/15/2007	1	mg/L		Duplicate
MW-70	Gross Alpha minus Rn & U	9/13/2006	1	pCi/L	U	Duplicate
MW-70	Gross Alpha minus Rn & U	10/25/2006	1	pCi/L	U	Duplicate
MW-70	Gross Alpha minus Rn & U	3/15/2007	1	pCi/L	U	Duplicate
MW-70	Iron	9/13/2006	98	ug/L		Duplicate
MW-70	Iron	10/25/2006	30	ug/L	U	Duplicate
MW-70	Iron	3/15/2007	30	ug/L	U	Duplicate
MW-70	Lead	9/13/2006	1.4	ug/L		Duplicate
MW-70	Lead	10/25/2006	1	ug/L	U	Duplicate
MW-70	Lead	3/15/2007	1	ug/L	U	Duplicate
MW-70	Manganese	9/13/2006	72	ug/L		Duplicate
MW-70	Manganese	10/25/2006	160	ug/L		Duplicate
MW-70	Manganese	3/15/2007	10	ug/L	U	Duplicate
MW-70	Mercury	9/13/2006	0.5	ug/L	U	Duplicate
MW-70	Mercury	10/25/2006	0.5	ug/L	U	Duplicate
MW-70	Mercury	3/15/2007	0.5	ug/L	U	Duplicate
MW-70	Molybdenum	9/13/2006	10	ug/L	U	Duplicate
MW-70	Molybdenum	10/25/2006	10	ug/L	U	Duplicate
MW-70	Molybdenum	3/15/2007	10	ug/L	U	Duplicate
MW-70	Nickel	9/13/2006	20	ug/L	U	Duplicate
MW-70	Nickel	10/25/2006	20	ug/L	U	Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-70	Nickel	3/15/2007	20	ug/L	U	Duplicate
MW-70	Nitrate+Nitrite as N	9/13/2006	0.1	mg/L	U	Duplicate
MW-70	Nitrate+Nitrite as N	10/25/2006	0.1	mg/L	U	Duplicate
MW-70	Nitrate+Nitrite as N	3/15/2007	23.2	mg/L	D	Duplicate
MW-70	pH	9/13/2006	8.03	s.u.		Duplicate
MW-70	pH	10/25/2006	7.74	s.u.		Duplicate
MW-70	pH	3/15/2007	6.77	s.u.		Duplicate
MW-70	Selenium	9/13/2006	5	ug/L	U	Duplicate
MW-70	Selenium	10/25/2006	5	ug/L	U	Duplicate
MW-70	Selenium	3/15/2007	60.3	ug/L		Duplicate
MW-70	Silver	9/13/2006	10	ug/L	U	Duplicate
MW-70	Silver	10/25/2006	10	ug/L	U	Duplicate
MW-70	Silver	3/15/2007	10	ug/L	U	Duplicate
MW-70	Sulfate	9/13/2006	1070	mg/L	D	Duplicate
MW-70	Sulfate	10/25/2006	1310	mg/L	D	Duplicate
MW-70	Sulfate	3/15/2007	514	mg/L	D	Duplicate
MW-70	TDS @ 180 C	9/13/2006	1870	mg/L		Duplicate
MW-70	TDS @ 180 C	10/25/2006	2150	mg/L		Duplicate
MW-70	TDS @ 180 C	3/15/2007	1280	mg/L		Duplicate
MW-70	Thallium	9/13/2006	0.5	ug/L	U	Duplicate
MW-70	Thallium	10/25/2006	0.5	ug/L	U	Duplicate
MW-70	Thallium	3/15/2007	0.5	ug/L	U	Duplicate
MW-70	Tin	9/13/2006	100	ug/L	U	Duplicate
MW-70	Tin	10/25/2006	100	ug/L	U	Duplicate
MW-70	Tin	3/15/2007	100	ug/L	U	Duplicate
MW-70	Uranium	9/13/2006	0.48	ug/L		Split, Duplicate, or Spike
MW-70	Uranium	10/25/2006	1.79	ug/L		Split, Duplicate, or Spike
MW-70	Uranium	3/15/2007	7.43	ug/L		Split, Duplicate, or Spike
MW-70	Vanadium	9/13/2006	15	ug/L	U	Duplicate
MW-70	Vanadium	10/25/2006	15	ug/L	U	Duplicate
MW-70	Vanadium	3/15/2007	15	ug/L	U	Duplicate
MW-70	Zinc	9/13/2006	10	ug/L	U	Duplicate
MW-70	Zinc	10/25/2006	10	ug/L	U	Duplicate
MW-70	Zinc	3/15/2007	10	ug/L	U	Duplicate
MW-75	Ammonia	6/25/2006	0.48	mg/L		Duplicate
MW-75	Arsenic	6/25/2006	5	ug/L	U	Duplicate
MW-75	Beryllium	6/25/2006	0.5	ug/L	U	Duplicate
MW-75	Cadmium	6/25/2006	0.5	ug/L	U	Duplicate
MW-75	Chloride	6/25/2006	17	mg/L		Duplicate
MW-75	Chromium	6/25/2006	25	ug/L	U	Duplicate
MW-75	Cobalt	6/25/2006	10	ug/L	U	Duplicate
MW-75	Copper	6/25/2006	10	ug/L	U	Duplicate
MW-75	Fluoride	6/25/2006	0.3	mg/L		Duplicate
MW-75	Gross Alpha minus Rn & U	6/25/2006	1	pCi/L	U	Duplicate
MW-75	Iron	6/25/2006	1760	ug/L		Duplicate
MW-75	Lead	6/25/2006	1	ug/L	U	Duplicate
MW-75	Manganese	6/25/2006	229	ug/L		Duplicate
MW-75	Mercury	6/25/2006	0.5	ug/L	U	Duplicate
MW-75	Molybdenum	6/25/2006	10	ug/L	U	Duplicate
MW-75	Nickel	6/25/2006	20	ug/L	U	Duplicate
MW-75	Nitrate+Nitrite as N	6/25/2006	0.1	mg/L	U	Duplicate
MW-75	PH	6/25/2006	7.91	s.u.		Duplicate
MW-75	Selenium	6/25/2006	5	ug/L	U	Duplicate
MW-75	Silver	6/25/2006	10	ug/L	U	Duplicate
MW-75	Sulfate	6/25/2006	699	mg/L	D	Duplicate
MW-75	TDS @ 180 C	6/25/2006	1320	mg/L		Duplicate
MW-75	Thallium	6/25/2006	0.5	ug/L	U	Duplicate
MW-75	Tin	6/25/2006	100	ug/L	U	Duplicate
MW-75	Uranium	6/25/2006	0.47	ug/L		Split, Duplicate, or Spike
MW-75	Vanadium	6/25/2006	15	ug/L	U	Duplicate
MW-75	Zinc	6/25/2006	10	ug/L	U	Duplicate
MW-A	Arsenic	2/20/1987	0.001	mg/L	U	Duplicate
MW-A	Arsenic	11/2/1988	0.001	mg/L	U	Duplicate
MW-A	Arsenic	3/9/1989	0.03	mg/L		Duplicate
MW-A	Chloride	2/20/1987	12	mg/L		Duplicate
MW-A	Chloride	11/2/1988	13.1	mg/L		Duplicate
MW-A	Chloride	3/9/1989	7.6	mg/L		Duplicate

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.

Appendix F - All Removed Data Prior to Analysis

Well	Analyte	Date	Results	Units	Qualifier	Reason Removed From Analysis
MW-A	Chloride	6/22/1989	32.4	mg/L		Duplicate
MW-A	pH	11/2/1988	8	s.u.		Duplicate
MW-A	pH	3/9/1989	7.1	s.u.		Duplicate
MW-A	Selenium	2/20/1987	0.001	mg/L	U	Duplicate
MW-A	Selenium	11/2/1988	0.006	mg/L		Duplicate
MW-A	Selenium	3/9/1989	0.019	mg/L		Duplicate
MW-A	Sulfate	2/20/1987	665	mg/L		Duplicate
MW-A	Sulfate	11/2/1988	695	mg/L		Duplicate
MW-A	Sulfate	3/9/1989	2010	mg/L		Duplicate
MW-A	Sulfate	6/22/1989	1020	mg/L		Duplicate
MW-A	TDS @ 180 C	2/20/1987	1270	mg/L		Duplicate
MW-A	TDS @ 180 C	11/2/1988	1240	mg/L		Duplicate
MW-A	TDS @ 180 C	3/9/1989	3140	mg/L		Duplicate
MW-A	TDS @ 180 C	6/22/1989	1770	mg/L		Duplicate
MW-A	Uranium	11/2/1988	0.0008	pCi/L		Split, Duplicate, or Spike
MW-A	Uranium	3/9/1989	6.6	pCi/L		Split, Duplicate, or Spike
MW-A	Uranium	6/22/1989	0.6	pCi/L		Split, Duplicate, or Spike
MW-B	Arsenic	2/20/1987	0.001	mg/L		Duplicate
MW-B	Arsenic	11/2/1988	0.011	mg/L		Duplicate
MW-B	Arsenic	3/10/1989	0.027	mg/L		Duplicate
MW-B	Chloride	2/20/1987	32	mg/L		Duplicate
MW-B	Chloride	11/2/1988	69	mg/L		Duplicate
MW-B	Chloride	3/10/1989	44.4	mg/L		Duplicate
MW-B	Chloride	6/22/1989	54.6	mg/L		Duplicate
MW-B	pH	11/2/1988	8	s.u.		Duplicate
MW-B	pH	3/10/1989	7.28	s.u.		Duplicate
MW-B	Selenium	2/20/1987	0.004	mg/L		Duplicate
MW-B	Selenium	11/2/1988	0.041	mg/L		Duplicate
MW-B	Selenium	3/10/1989	0.02	mg/L		Duplicate
MW-B	Sulfate	2/20/1987	977	mg/L		Duplicate
MW-B	Sulfate	11/2/1988	3430	mg/L		Duplicate
MW-B	Sulfate	3/10/1989	2160	mg/L		Duplicate
MW-B	Sulfate	6/22/1989	1190	mg/L		Duplicate
MW-B	TDS @ 180 C	2/20/1987	1800	mg/L		Duplicate
MW-B	TDS @ 180 C	11/2/1988	5280	mg/L		Duplicate
MW-B	TDS @ 180 C	3/10/1989	3450	mg/L		Duplicate
MW-B	TDS @ 180 C	6/22/1989	2010	mg/L		Duplicate
MW-B	Uranium	11/2/1988	0.234	pCi/L		Split, Duplicate, or Spike
MW-B	Uranium	3/10/1989	1.2	pCi/L		Split, Duplicate, or Spike
MW-B	Uranium	6/22/1989	0.4	pCi/L		Split, Duplicate, or Spike

Note: Only includes monitoring wells included in the Background Groundwater Quality Report and those constituents listed in the Groundwater Discharge Permit.