

Table MU1 4-8 Field Blank Data (Page 1 of 4)

Parameters	Units	M-130	M-132	M-134	M-136	M-130
		4/20/2009	4/21/2009	4/22/2009	4/23/2009	5/4/2009
Total Alkalinity as CaCO ₃	mg/L	2	ND	2	2	2
CO ₃	mg/L	ND	ND	ND	ND	ND
HCO ₃	mg/L	2	ND	2	2	2
Dissolved Calcium	mg/L	ND	ND	ND	ND	ND
Total Chloride	mg/L	ND	ND	ND	ND	ND
Dissolved Fluoride	mg/L	ND	ND	ND	ND	ND
Dissolved Magnesium	mg/L	ND	ND	ND	ND	ND
Total NH ₃ -N	mg/L	ND	ND	ND	ND	ND
Dissolved NO ₃ +NO ₂ -N	mg/L	ND	ND	ND	ND	ND
Dissolved Potassium	mg/L	ND	ND	ND	ND	ND
Dissolved SiO ₂	mg/L	ND	ND	ND	1.9	ND
Dissolved Sodium	mg/L	ND	ND	ND	ND	ND
Total SO ₄	mg/L	ND	ND	ND	ND	ND
Specific Conductance at 25 °C	µmhos/cm	ND	ND	3	ND	1
Laboratory pH	SU	5.96	6.12	7.49	6	6.01
TDS Dried at 180 °C	mg/L	ND	ND	ND	ND	ND
Dissolved Aluminum	mg/L	ND	ND	ND	ND	ND
Dissolved Arsenic	mg/L	ND	ND	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND	ND	ND
Dissolved Boron	mg/L	ND	ND	ND	ND	ND
Dissolved Cadmium	mg/L	ND	ND	ND	ND	ND
Dissolved Chromium	mg/L	ND	ND	ND	ND	ND
Dissolved Copper	mg/L	ND	ND	ND	ND	ND
Dissolved Iron	mg/L	ND	ND	ND	ND	ND
Dissolved Lead	mg/L	ND	ND	ND	0.001	ND
Dissolved Manganese	mg/L	ND	ND	ND	ND	ND
Dissolved Mercury	mg/L	ND	ND	ND	ND	ND
Dissolved Molybdenum	mg/L	ND	ND	ND	ND	ND
Dissolved Nickel	mg/L	ND	ND	ND	ND	ND
Dissolved Selenium	mg/L	ND	ND	ND	ND	ND
Dissolved Uranium	mg/L	ND	ND	ND	ND	0.0004
Dissolved Vanadium	mg/L	ND	ND	ND	ND	ND
Dissolved Zinc	mg/L	ND	0.02	ND	0.02	0.02
Total Iron	mg/L	ND	ND	ND	ND	ND
Total Manganese	mg/L	ND	ND	ND	ND	ND
Gross Alpha	pCi/L	1.7	0.1	2.2	1.4	ND
Gross Beta	pCi/L	ND	ND	ND	ND	0.04
Dissolved Ra-226	pCi/L	ND	ND	0.24	ND	ND
Dissolved Ra-228	pCi/L	ND	ND	ND	1.6	ND

Table MU1 4-8 Field Blank Data (Page 2 of 4)

Parameters	Units	M-132	M-134	M-136	M-130	M-132
		5/5/2009	5/6/2009	5/7/2009	5/18/2009	5/19/2009
Total Alkalinity as CaCO ₃	mg/L	2	1	2	1	1
CO ₃	mg/L	ND	ND	ND	ND	ND
HCO ₃	mg/L	2	2	3	1	1
Dissolved Calcium	mg/L	ND	ND	ND	ND	ND
Total Chloride	mg/L	ND	ND	ND	ND	ND
Dissolved Fluoride	mg/L	ND	ND	ND	ND	ND
Dissolved Magnesium	mg/L	ND	ND	ND	ND	ND
Total NH ₃ -N	mg/L	ND	ND	ND	ND	ND
Dissolved NO ₃ +NO ₂ -N	mg/L	ND	ND	ND	ND	ND
Dissolved Potassium	mg/L	ND	ND	ND	ND	ND
Dissolved SiO ₂	mg/L	ND	ND	ND	ND	ND
Dissolved Sodium	mg/L	ND	ND	ND	ND	ND
Total SO ₄	mg/L	ND	ND	ND	ND	ND
Specific Conductance at 25 °C	µmhos/cm	8	1	1	1	1
Laboratory pH	SU	6.68	5.8	6.1	6.01	6
TDS Dried at 180 °C	mg/L	ND	ND	11	ND	ND
Dissolved Aluminum	mg/L	ND	ND	ND	ND	ND
Dissolved Arsenic	mg/L	ND	ND	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND	ND	ND
Dissolved Boron	mg/L	ND	ND	ND	ND	ND
Dissolved Cadmium	mg/L	ND	ND	ND	ND	ND
Dissolved Chromium	mg/L	ND	ND	ND	ND	ND
Dissolved Copper	mg/L	ND	ND	ND	ND	ND
Dissolved Iron	mg/L	ND	ND	ND	ND	ND
Dissolved Lead	mg/L	ND	ND	ND	ND	ND
Dissolved Manganese	mg/L	ND	ND	ND	ND	ND
Dissolved Mercury	mg/L	ND	ND	ND	ND	ND
Dissolved Molybdenum	mg/L	ND	ND	ND	ND	ND
Dissolved Nickel	mg/L	ND	ND	ND	ND	ND
Dissolved Selenium	mg/L	ND	ND	ND	ND	ND
Dissolved Uranium	mg/L	ND	ND	ND	ND	ND
Dissolved Vanadium	mg/L	ND	ND	ND	ND	ND
Dissolved Zinc	mg/L	ND	ND	ND	ND	ND
Total Iron	mg/L	ND	ND	ND	ND	ND
Total Manganese	mg/L	ND	ND	ND	ND	ND
Gross Alpha	pCi/L	0.02	ND	0.2	ND	0.7
Gross Beta	pCi/L	ND	ND	ND	ND	ND
Dissolved Ra-226	pCi/L	ND	0.05	ND	ND	ND
Dissolved Ra-228	pCi/L	ND	0.02	0.5	ND	0.2

Table MU1 4-8 Field Blank Data (Page 3 of 4)

Parameters	Units	M-134	M-136	M-130	M-132	M-134
		5/20/2009	5/21/2009	6/1/2009	6/2/2009	6/3/2009
Total Alkalinity as CaCO ₃	mg/L	2	2	2	2	2
CO ₃	mg/L	ND	ND	ND	ND	ND
HCO ₃	mg/L	2	3	2	2	3
Dissolved Calcium	mg/L	ND	ND	ND	ND	ND
Total Chloride	mg/L	ND	ND	ND	ND	ND
Dissolved Fluoride	mg/L	ND	ND	ND	ND	ND
Dissolved Magnesium	mg/L	ND	ND	ND	ND	ND
Total NH ₃ -N	mg/L	ND	ND	ND	ND	ND
Dissolved NO ₃ +NO ₂ -N	mg/L	ND	ND	ND	ND	ND
Dissolved Potassium	mg/L	ND	ND	ND	ND	ND
Dissolved SiO ₂	mg/L	ND	ND	ND	ND	ND
Dissolved Sodium	mg/L	ND	ND	ND	ND	ND
Total SO ₄	mg/L	ND	ND	ND	ND	ND
Specific Conductance at 25 °C	µmhos/cm	ND	ND	2	1	1
Laboratory pH	SU	4.62	5.98	5.96	6.16	6
TDS Dried at 180 °C	mg/L	ND	ND	ND	ND	ND
Dissolved Aluminum	mg/L	ND	ND	ND	ND	ND
Dissolved Arsenic	mg/L	ND	ND	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND	ND	ND
Dissolved Boron	mg/L	ND	ND	ND	ND	ND
Dissolved Cadmium	mg/L	ND	ND	ND	ND	ND
Dissolved Chromium	mg/L	ND	ND	ND	ND	ND
Dissolved Copper	mg/L	ND	ND	ND	ND	ND
Dissolved Iron	mg/L	ND	ND	ND	ND	ND
Dissolved Lead	mg/L	ND	ND	ND	ND	ND
Dissolved Manganese	mg/L	ND	ND	ND	ND	ND
Dissolved Mercury	mg/L	ND	ND	ND	ND	ND
Dissolved Molybdenum	mg/L	ND	ND	ND	ND	ND
Dissolved Nickel	mg/L	ND	ND	ND	ND	ND
Dissolved Selenium	mg/L	ND	ND	ND	ND	ND
Dissolved Uranium	mg/L	ND	ND	ND	ND	ND
Dissolved Vanadium	mg/L	ND	ND	ND	ND	ND
Dissolved Zinc	mg/L	ND	ND	0.01	ND	ND
Total Iron	mg/L	ND	ND	ND	ND	ND
Total Manganese	mg/L	ND	ND	ND	ND	ND
Gross Alpha	pCi/L	0.4	0.1	0.7	0.1	0.2
Gross Beta	pCi/L	ND	ND	ND	ND	ND
Dissolved Ra-226	pCi/L	ND	ND	0.006	ND	ND
Dissolved Ra-228	pCi/L	0.4	ND	ND	0.3	1.8

Table MU1 4-8 Field Blank Data (Page 4 of 4)

Parameters	Units	M-136	MO-115	B-2
		6/4/2009	12/1/2009	2/2/2010
Total Alkalinity as CaCO ₃	mg/L	ND	ND	ND
CO ₃	mg/L	ND	ND	ND
HCO ₃	mg/L	ND	ND	ND
Dissolved Calcium	mg/L	ND	ND	ND
Total Chloride	mg/L	ND	ND	ND
Dissolved Fluoride	mg/L	ND	ND	ND
Dissolved Magnesium	mg/L	ND	ND	ND
Total NH ₃ -N	mg/L	ND	ND	ND
Dissolved NO ₃ +NO ₂ -N	mg/L	ND	ND	ND
Dissolved Potassium	mg/L	ND	ND	ND
Dissolved SiO ₂	mg/L	ND	ND	ND
Dissolved Sodium	mg/L	ND	ND	ND
Total SO ₄	mg/L	ND	ND	ND
Specific Conductance at 25 °C	µmhos/cm	3	1	1
Laboratory pH	SU	6.02	5.95	5.87
TDS Dried at 180 °C	mg/L	19	ND	ND
Dissolved Aluminum	mg/L	ND	ND	ND
Dissolved Arsenic	mg/L	ND	ND	ND
Dissolved Barium	mg/L	ND	ND	ND
Dissolved Boron	mg/L	ND	ND	ND
Dissolved Cadmium	mg/L	ND	ND	ND
Dissolved Chromium	mg/L	ND	ND	ND
Dissolved Copper	mg/L	ND	ND	ND
Dissolved Iron	mg/L	ND	ND	ND
Dissolved Lead	mg/L	ND	ND	ND
Dissolved Manganese	mg/L	ND	ND	ND
Dissolved Mercury	mg/L	ND	ND	ND
Dissolved Molybdenum	mg/L	ND	ND	ND
Dissolved Nickel	mg/L	ND	ND	ND
Dissolved Selenium	mg/L	ND	ND	ND
Dissolved Uranium	mg/L	ND	ND	ND
Dissolved Vanadium	mg/L	ND	ND	ND
Dissolved Zinc	mg/L	ND	ND	ND
Total Iron	mg/L	ND	ND	ND
Total Manganese	mg/L	ND	ND	ND
Gross Alpha	pCi/L	ND	2.5	ND
Gross Beta	pCi/L	ND	ND	ND
Dissolved Ra-226	pCi/L	ND	ND	ND
Dissolved Ra-228	pCi/L	2.5	ND	ND

ND = below the detection limit