

28 September 2009

Licencing Coordinator
Nunavut Water Board
P.O. Box 119
Gjoa Haven
NU, X0B1J0

Re: Water Licence 2BB-MEL0709: August 2009 Monthly Report

Dear Ms. Beaulieu;

Please find attached our monthly report for August 2009.

Clause B-6 of our current water licence states:

The Licensee shall, within fourteen (14) days following issuance of the Licence, provide to the NWB and Inspector, details on how and when the Licensee will achieve compliance on outstanding issues raised in the August 13, 2008 Inspectors Direction.

Comaplex wrote to the Board on 12 August 2009 in regards to this requirement. On August 1st, the inspector was on site and the outstanding issue regarding the recording of water use was resolved. At the time a water meter was already installed on the camp water supply and the inspector allowed Comaplex until August 21st to install water meters on the drills. On August 12th, meters were installed on the drills. It was also agreed to record water use by the drills until October 1st or the end of the drilling season, whatever came first. The average daily use over the period of record would serve as an average going forward, especially during winter drilling when the recording of water use is not practical.

Three drills operated during August and the individual recorded average daily water use for each was 46, 56 and 57 m³/day. Overall, the average water use for August 2009 was 53 m³/day/drill. A complete data record for all drills will be included with our September monthly report.

With this licence renewal, water use was noted to include both direct and indirect use, something we did not anticipate. The application was based on direct use only. As a result, Comaplex's daily water use averaged 163 m³/day for August which exceeds our allowable limit of 90 m³/day. Comaplex in the coming months will be applying for a licence amendment to increase the allowable limit to 250 m³/day. This would be sufficient for camp use and 4 drills.

Exploration drilling continues at the site and is expected to be completed before the end of September. At that time the camp will be closed for the winter.

We trust this report meets with the Board's satisfaction.

Yours sincerely,

Signed copy to follow by mail

John Witteman
Environmental Consultant to Comaplex

August 2009

Part J: Conditions Applying to the Monitoring Program

(1) Volume of Water

	Volume of water (m3/day)
MEL-1	4.3
MEL-2	159

For MEL-1, the recorded quantity of water used each day averaged 4.3 m³ over the month of August.

The quantity of water for MEL-2 is based on the average amount of water used by a drill in a single day multiplied by 3 operating drills. Meters were installed on each of the drills August 12th and the average recorded water use per drill per day was 53 m³.

(2) Analytical Data for Greywater Monitoring

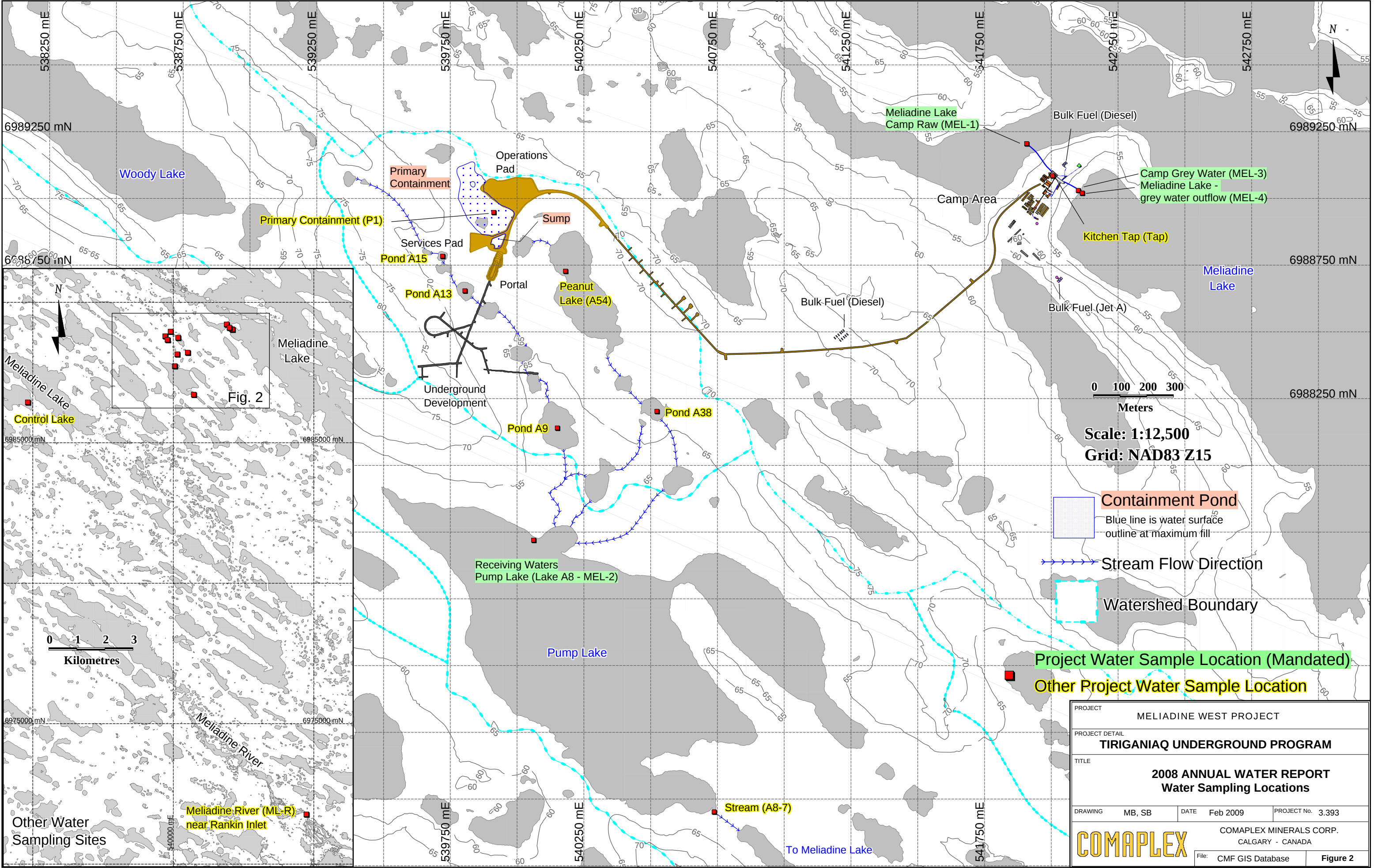
	Biochemical Oxygen Demand (mg/L)	Faecal Coliforms (CFU/dL)	Total Suspended Sediments (mg/L)	pH	Oil and Grease (mg/L)
MEL-3	6.5	NA	4.0	7.76	<1
MEL-4	<2.0	NA	<3.0	7.35	<1

Note: Samples for faecal coliforms exceeded the recommended hold time.

(3) No drilling program was carried out on lake ice over the reporting period.

Addendum to August 2009 monthly report

Attached please find supplemental water quality data collected in August. This data is collected to gain a better understanding of the effect of the company's activities on the receiving environment.



PROJECT				MELIADINE WEST PROJECT	
PROJECT DETAIL				TIRIGANIAQ UNDERGROUND PROGRAM	
TITLE				2008 ANNUAL WATER REPORT Water Sampling Locations	
DRAWING	MB, SB	DATE	Feb 2009	PROJECT No.	3.393
COMAPLEX				COMAPLEX MINERALS CORP. CALGARY - CANADA	
File:				CMF GIS Database	Figure 2

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	CCME									.005-0.1	0.019		
2	MMER												
3	SampleID	Label	Lab. Report	UTM E	UTM N	Sample Date	SampleTime	Alkalinity, Total (as CaCO3) (mg/L)	Aluminum (Al)- Dissolved (mg/L)	Aluminum (Al)-Total (mg/L)	Ammonia-N (mg/L)	Antimony (Sb)- Dissolved (mg/L)	Antimony (Sb)-Total (mg/L)
4	A13	A13	L817421	539828	6988676	03-Sep-09	14:45	46.9	<0.040	<0.040	<0.050	<0.0016	<0.0016
5	A15	A15	L817421	539732	6988798	03-Sep-09	14:30	45.9	<0.040	0.044	<0.050	<0.0016	<0.0016
6	A38	A38	L817421	540500	6988254	03-Sep-09	11:00	59.8	<0.040	0.059	<0.050	<0.0016	<0.0016
7	A54	A54	L817421	540135	6988794	03-Sep-09	13:30	46.9	<0.040	<0.040	0.544	<0.0016	<0.0016
8	A8-7	A8-7	L817421	540748	6986690	03-Sep-09	10:30	36.3	<0.010	<0.010	<0.050	<0.00040	<0.00040
9	A9	A9	L817421	540194	6988142	03-Sep-09	12:45	58.8	<0.040	<0.040	<0.050	<0.0016	<0.0016
10	CONTROL	CONTROL	L817421	535001	6986333			25.7	<0.010	<0.010	<0.050	<0.00040	<0.00040
11	MEL1	MEL1	L817421	541934	6989173	03-Sep-09	09:30	14.6	<0.010	<0.010	<0.050	<0.00040	<0.00040
12	MEL1 DUPL	MEL1 DUPL	L817421	541934	6989173	03-Sep-09	09:30	15.4	<0.010	<0.010	<0.050	<0.00040	<0.00040
13	MEL2	MEL2	L817421	540681	6986702	03-Sep-09	10:00	37.7	<0.010	0.011	<0.050	<0.00040	<0.00040
14	MEL3	MEL3	L817421	542083	6989004	04-Sep-09	07:00						
15	MEL4	MEL4	L817421	542092	6989012	04-Sep-10	07:10						
16	ML-River	ML-River	L817421	544778	6971712	04-Sep-09	09:30	22.0	<0.010	0.019	<0.050	<0.00040	<0.00040
17	P1	P1	L817421	539901	6988966	03-Sep-09	14:00	119	<0.040	<0.040	7.10	<0.0016	<0.0016

	A	N	O	P	Q	R	S	T	U	V	W	X	Y
1	CCME	0.005											0.017
2	MMER	0.5											
3	SampleID	Arsenic (As)- Dissolved (mg/L)	Arsenic (As)- Total (mg/L)	Barium (Ba)- Dissolved (mg/L)	Barium (Ba)- Total (mg/L)	Beryllium (Be)- Dissolved (mg/L)	Beryllium (Be)-Total (mg/L)	Bicarbonate (HCO3) (mg/L)	Biochemical Oxygen Demand (mg/L)	Boron (B)- Dissolved (mg/L)	Boron (B)- Total (mg/L)	Cadmium (Cd)- Dissolved (mg/L)	Cadmium (Cd)-Total (mg/L)
4	A13	0.0032	0.0034	0.157	0.156	<0.0040	<0.0040	57.3		<0.20	<0.050	<0.0040	<0.00020
5	A15	0.0043	0.0066	0.212	0.204	<0.0040	<0.0040	56.0		<0.20	<0.050	<0.0040	<0.00020
6	A38	0.0037	0.0064	0.0864	0.0794	<0.0040	<0.0040	73.0		<0.20	<0.050	<0.0040	<0.00020
7	A54	0.0033	0.0037	0.091	0.0879	<0.0040	<0.0040	57.3		<0.20	<0.050	<0.0040	<0.00020
8	A8-7	0.00191	0.00237	0.0158	0.0155	<0.0010	<0.0010	44.3		<0.050	<0.050	<0.0010	<0.000050
9	A9	0.0047	0.0074	0.141	0.142	<0.0040	<0.0040	71.7		<0.20	<0.050	<0.0040	<0.00020
10	CONTROL	0.00057	0.00060	0.0069	0.0068	<0.0010	<0.0010	31.4		<0.050	<0.050	<0.0010	<0.000050
11	MEL1	0.00043	0.00045	0.0058	0.0058	<0.0010	<0.0010	17.9		<0.050	<0.050	<0.0010	<0.000050
12	MEL1 DUPL	0.00043	0.00047	0.0058	0.0059	<0.0010	<0.0010	18.8		<0.050	<0.050	<0.0010	<0.000050
13	MEL2	0.00222	0.00262	0.0198	0.0193	<0.0010	<0.0010	46.0		<0.050	<0.050	<0.0010	<0.000050
14	MEL3								6.5				
15	MEL4								<2.0				
16	ML-River	<0.00040	<0.00040	0.0094	0.0093	<0.0010	<0.0010	26.9		<0.050	<0.050	<0.0010	<0.000050
17	P1	0.0104	0.0114	0.105	0.103	<0.0040	<0.0040	145		<0.20	<0.050	<0.0040	<0.00020

	A	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
1	CCME						0.001					0.002-0.004	
2	MMER											0.3	
3	SampleID	Calcium (Ca)- Dissolved (mg/L)	Calcium (Ca)- Total (mg/L)	Carbonate (CO3) (mg/L)	Chloride (Cl) (mg/L)	Chromium (Cr)- Dissolved (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)- Dissolved (mg/L)	Cobalt (Co)- Total (mg/L)	Conductivity (EC) (uS/cm)	Copper (Cu)- Dissolved (mg/L)	Copper (Cu)- Total (mg/L)	Hardness (as CaCO3) (mg/L)
4	A13	166	166	<5.0	361	<0.020	<0.0050	<0.0080	<0.0020	1330	<0.0040	<0.0040	496
5	A15	212	216	<5.0	479	<0.020	<0.0050	<0.0080	<0.0020	1660	<0.0040	<0.0040	644
6	A38	113	123	<5.0	256	<0.020	0.0086	<0.0080	<0.0020	1040	<0.0040	<0.0040	362
7	A54	137	132	<5.0	312	<0.020	<0.0050	<0.0080	<0.0020	1310	<0.0040	<0.0040	437
8	A8-7	21.1	21.4	<5.0	26.2	<0.0050	<0.0050	<0.0020	<0.0020	169	<0.0010	<0.0010	64.7
9	A9	146	169	<5.0	294	<0.020	0.0095	<0.0080	<0.0020	1130	<0.0040	<0.0040	433
10	CONTROL	8.93	8.86	<5.0	7.62	<0.0050	<0.0050	<0.0020	<0.0020	78.0	<0.0010	<0.0010	26.7
11	MEL1	6.31	6.21	<5.0	7.67	<0.0050	<0.0050	<0.0020	<0.0020	66.3	<0.0010	0.0013	20.3
12	MEL1 DUPL	6.21	6.31	<5.0	7.63	<0.0050	<0.0050	<0.0020	<0.0020	65.8	<0.0010	0.0011	20.0
13	MEL2	25.5	25.8	<5.0	36.2	<0.0050	<0.0050	<0.0020	<0.0020	209	<0.0010	<0.0010	78.5
14	MEL3												
15	MEL4												
16	ML-River	8.61	7.97	<5.0	10.3	<0.0050	<0.0050	<0.0020	<0.0020	86.1	0.0011	0.0014	27.3
17	P1	160	159	<5.0	310	<0.020	<0.0050	<0.0080	<0.0020	1380	<0.0040	<0.0040	479

	A	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1	CCME				0.3		0.001-0.007						
2	MMER						0.2						
3	SampleID	Hydroxide (OH) (mg/L)	Ion Balance (%)	Iron (Fe)-Dissolved (mg/L)	Iron (Fe)-Total (mg/L)	Lead (Pb)-Dissolved (mg/L)	Lead (Pb)-Total (mg/L)	Lithium (Li)-Dissolved (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Dissolved (mg/L)	Magnesium (Mg)-Total (mg/L)	Manganese (Mn)-Dissolved (mg/L)	Manganese (Mn)-Total (mg/L)
4	A13	<5.0	95.6	0.016	0.602	<0.020	<0.00040	0.058	0.060	19.8	19.2	0.0433	0.0491
5	A15	<5.0	94.9	0.025	0.702	<0.020	<0.00040	0.060	0.061	27.8	29.4	0.226	0.253
6	A38	<5.0	97.9	0.020	0.455	<0.020	<0.00040	0.027	<0.024	19.5	20.9	0.0026	0.0123
7	A54	<5.0	99.0	<0.010	0.029	<0.020	<0.00040	0.029	0.030	23.1	22.2	<0.0020	0.0024
8	A8-7	<5.0	97.2	<0.010	0.074	<0.0050	<0.00010	0.0042	<0.010	2.91	2.91	<0.0020	0.0046
9	A9	<5.0	99.3	0.018	0.358	<0.020	<0.00040	0.064	0.056	16.7	19.5	<0.0020	0.0126
10	CONTROL	<5.0	Low EC	<0.010	0.036	<0.0050	<0.00010	<0.0030	<0.010	1.07	1.03	<0.0020	0.0026
11	MEL1	<5.0	Low EC	<0.010	0.026	<0.0050	<0.00010	<0.0030	<0.010	1.11	1.07	<0.0020	0.0027
12	MEL1 DUPL	<5.0	Low EC	<0.010	0.028	<0.0050	<0.00010	<0.0030	<0.010	1.10	1.08	<0.0020	0.0027
13	MEL2	<5.0	97.6	<0.010	0.067	<0.0050	<0.00010	0.0059	<0.010	3.59	3.51	<0.0020	0.0040
14	MEL3												
15	MEL4												
16	ML-River	<5.0	Low EC	<0.010	0.036	<0.0050	<0.00010	<0.0030	<0.010	1.41	1.28	<0.0020	0.0038
17	P1	<5.0	98.4	<0.010	0.051	<0.020	<0.00040	<0.012	<0.024	19.2	18.9	<0.0020	0.0089

	A	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI
1	CCME				0.073		0.025-0.015	2.9		0.006			6.5 - 9.0
2	MMER						0.5						6.0 - 9.5
3	SampleID	Mercury (Hg)- Dissolved (mg/L)	Mercury (Hg)- Total (mg/L)	Molybdenum (Mo)- Dissolved (mg/L)	Molybdenum (Mo)-Total (mg/L)	Nickel (Ni)- Dissolved (mg/L)	Nickel (Ni)- Total (mg/L)	Nitrate (as N) (mg/L)	Nitrate and Nitrite as N (mg/L)	Nitrite (as N) (mg/L)	Oil and Grease (mg/L)	Orthophosph ate (PO4-P) (mg/L)	pH (pH)
4	A13	<0.00010	<0.00010	<0.020	<0.0050	0.0074	0.0071	<0.050	<0.071	<0.050		<0.010	7.72
5	A15	<0.00010	<0.00010	<0.020	<0.0050	0.0189	0.0190	<0.050	<0.071	<0.050		<0.010	7.47
6	A38	<0.00010	<0.00010	<0.020	<0.0050	0.0046	0.0057	1.43	1.43	<0.050		<0.010	7.69
7	A54	<0.00010	<0.00010	<0.020	<0.0050	0.0045	0.0047	5.57	5.57	<0.050		<0.010	7.70
8	A8-7	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.57
9	A9	<0.00010	<0.00010	<0.020	<0.0050	0.0060	0.0063	<0.050	<0.071	<0.050		<0.010	7.73
10	CONTROL	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.41
11	MEL1	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.20
12	MEL1 DUPL	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.14
13	MEL2	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.56
14	MEL3										<1.0		7.76
15	MEL4										<1.0		7.20
16	ML-River	<0.00010	<0.00010	<0.0050	<0.0050	<0.0020	<0.0020	<0.050	<0.071	<0.050		<0.010	7.27
17	P1	<0.00010	<0.00010	<0.020	<0.0050	0.0071	0.0070	4.08	4.14	0.060		<0.010	7.99

	A	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU
1	CCME	0.03											
2	MMER												
3	SampleID	Phosphorus, Total (mg/L)	Phosphorus, Total Diss_ (mg/L)	Potassium (K)- Dissolved (mg/L)	Potassium (K)-Total (mg/L)	Selenium (Se)- Dissolved (mg/L)	Selenium (Se)-Total (mg/L)	Silver (Ag)- Dissolved (mg/L)	Silver (Ag)- Total (mg/L)	Sodium (Na)- Dissolved (mg/L)	Sodium (Na)- Total (mg/L)	Strontium (Sr)- Dissolved (mg/L)	Sulfate (SO4) (mg/L)
4	A13	<0.020	<0.020	5.58	5.22	0.0035	0.0042	<0.020	<0.00040	19.6	19.1	1.22	13.9
5	A15	<0.020	<0.020	5.72	5.52	0.0042	0.0029	<0.020	<0.00040	23.7	23.6	1.26	17.6
6	A38	<0.020	<0.020	9.04	9.74	<0.0020	0.0026	<0.020	<0.00040	41.5	44.7	1.00	46.1
7	A54	<0.020	<0.020	11.6	10.9	0.0032	0.0039	<0.020	<0.00040	53.9	51.3	1.20	66.8
8	A8-7	<0.020	<0.020	1.07	1.18	<0.00040	<0.00040	<0.0050	<0.00010	3.9	4.1	0.117	3.26
9	A9	<0.020	<0.020	4.98	5.72	0.0041	0.0050	<0.020	<0.00040	19.0	22.3	1.08	10.2
10	CONTROL	<0.020	<0.020	0.91	1.03	<0.00040	<0.00040	<0.0050	<0.00010	4.3	4.2	0.0277	1.79
11	MEL1	<0.020	<0.020	0.73	0.80	<0.00040	<0.00040	<0.0050	<0.00010	4.0	4.0	0.0288	3.08
12	MEL1 DUPL	<0.020	<0.020	0.76	0.82	<0.00040	<0.00040	<0.0050	<0.00010	4.0	3.9	0.0285	3.06
13	MEL2	<0.020	<0.020	1.29	1.40	0.00061	0.00061	<0.0050	<0.00010	4.8	4.9	0.156	3.80
14	MEL3												
15	MEL4												
16	ML-River	<0.020	<0.020	1.00	1.00	<0.00040	<0.00040	<0.0050	<0.00010	5.7	5.2	0.0398	3.49
17	P1	<0.020	<0.020	10.9	10.9	0.0028	0.0029	<0.020	<0.00040	41.1	40.9	1.11	44.0

	A	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG
1	CCME									29			
2	MMER									15			
3	SampleID	TDS (Calculated) (mg/L)	Thallium (Tl)- Dissolved (mg/L)	Thallium (Tl)- Total (mg/L)	Tin (Sn)- Dissolved (mg/L)	Tin (Sn)- Total (mg/L)	Titanium (Ti)- Dissolved (mg/L)	Titanium (Ti)- Total (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Uranium (U)- Dissolved (mg/L)	Uranium (U)- Total (mg/L)
4	A13	614	<0.20	<0.00040	<0.20	<0.050	<0.0040	<0.0024	0.55		2.96	<0.00040	<0.00040
5	A15	793	<0.20	<0.00040	<0.20	<0.050	<0.0040	<0.0024	0.47		2.12	<0.00040	<0.00040
6	A38	527	<0.20	<0.00040	<0.20	<0.050	<0.0040	<0.0024	1.00		0.78	<0.00040	0.00042
7	A54	657	0.00046	<0.00040	<0.20	<0.050	<0.0040	<0.0024	1.71		0.47	0.00051	0.00050
8	A8-7	80.2	<0.050	<0.00010	<0.050	<0.050	<0.0010	<0.0010	0.48		0.52	<0.00010	<0.00010
9	A9	526	<0.20	<0.00040	<0.20	<0.050	<0.0040	<0.0024	0.87		1.75	<0.00040	<0.00040
10	CONTROL	40.0	<0.050	<0.00010	<0.050	<0.050	<0.0010	<0.0010	0.45		0.67	<0.00010	<0.00010
11	MEL1	31.7	<0.050	<0.00010	<0.050	<0.050	<0.0010	<0.0010	0.29		0.50	<0.00010	<0.00010
12	MEL1 DUPL	32.0	<0.050	<0.00010	<0.050	<0.050	<0.0010	<0.0010	0.31		0.52	<0.00010	<0.00010
13	MEL2	97.8	<0.050	<0.00010	<0.050	<0.050	<0.0010	<0.0010	0.63		0.55	<0.00010	<0.00010
14	MEL3									4.0			
15	MEL4									<3.0			
16	ML-River	43.7	<0.050	<0.00010	<0.050	<0.050	<0.0010	0.0012	0.26		0.53	<0.00010	<0.00010
17	P1	675	<0.20	<0.00040	<0.20	<0.050	<0.0040	<0.0024	8.91		0.71	0.00129	0.00128

	A	CH	CI	CJ	CK
1	CCME				0.03
2	MMER				0.5
3	SampleID	Vanadium (V)-Dissolved (mg/L)	Vanadium (V)-Total (mg/L)	Zinc (Zn)-Dissolved (mg/L)	Zinc (Zn)-Total (mg/L)
4	A13	<0.0040	<0.0020	0.0082	<0.016
5	A15	0.0012	<0.0020	0.0078	<0.016
6	A38	<0.0040	0.0023	0.0067	<0.016
7	A54	<0.0040	<0.0020	0.0096	<0.016
8	A8-7	<0.0010	<0.0010	0.0055	<0.0040
9	A9	<0.0040	0.0027	0.0063	<0.016
10	CONTROL	<0.0010	<0.0010	0.0088	<0.0040
11	MEL1	<0.0010	<0.0010	0.0055	<0.0040
12	MEL1 DUPL	<0.0010	<0.0010	0.0098	<0.0040
13	MEL2	<0.0010	<0.0010	0.0094	<0.0040
14	MEL3				
15	MEL4				
16	ML-River	<0.0010	<0.0010	0.0041	0.0047
17	P1	<0.0040	<0.0020	0.0043	<0.016