

Month	As	Cu	CN	Pb	Ni	Zn	TSS	Ra 226	pH	Number day of discharge	Daily volume	Monthly volume	Results for Rainbow Trout Acute Lethality Tests (mean percentage mortality in 100% effluent test concentration)	Results for Daphnia magna Monitoring Tests (mean percentage mortality in 100% effluent test concentration)		
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L			m ³ /day	m ³				
January																
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP	0	NDEP	0	NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
Monthly concentration (mg/L)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						
Charge (Kg)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						
February																
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP	0	NDEP	0	NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
Monthly concentration (mg/L)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						
Charge (Kg)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						
March																
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP	0	NDEP	0	NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NMR	NMR
Monthly concentration (mg/L)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						
Charge (Kg)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!						

Quarterly charge (Kg)

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

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#DIV/0!
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#DIV/0!

#DIV/0!

#DIV/0!

0

NDEP :No Deposit

NMR: No Measurement Required

[illegible]

Quarterly charge (Kg)

NDEP :No Deposit
NMR: No Measurement Required

Month	As		Cu		CN		Pb		Ni		Zn		TSS		Ra 226		pH	Number day of discharge	Daily volume	Monthly volume	Results for Rainbow Trout Acute Lethality Tests (mean percentage mortality in 100% effluent test concentration)	Results for Daphnia magna Monitoring Tests (mean percentage mortality in 100% effluent test concentration)
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L				m ³ /day	m ³				
July																						
	NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		0	NDEP	0	NMR	NMR
	NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP			NDEP		NMR	NMR
	NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP			NDEP		NMR	NMR
	NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP			NDEP		NMR	NMR
	NDEP	NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP		NDEP			NDEP		NMR	NMR
Monthly concentration (mg/L)		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		0						
Charge (Kg)		0		0		0		0		0		0		0		0						
August																						
22-Aug-16	< 0.0005	0.00025	0.001	0.001	< 0.005	0.0025	< 0.0003	0.00015	0.0011	0.0011	< 0.001	0.0005	2	2	0.004	0.004	6.96	11	4849	48406	0	0
29-Aug-16	< 0.0005	0.00025	0.001	0.001	0.001	0.001	< 0.0003	0.00015	0.0006	0.0006	< 0.001	0.0005	< 1	0.5	0.002	0.002	7.69		4867			
Monthly concentration (mg/L)		0.00025		0.001		0.00175		0.00015		0.00085		0.0005		1.25		0.003						
Charge (Kg)		0.01210		0.048406		0.084711		0.007261		0.041145		0.024203		60.5075		0.145218						
September																						
5-Sep-16	< 0.0005	0.00025	0.0007	0.0007	0.005	0.005	< 0.0003	0.00015	< 0.0005	0.00025	0.003	0.003	10	10	0.002	0.002	7.45	30	4958	124920		
12-Sep-16	< 0.0005	0.00025	0.0007	0.0007	< 0.001	0.0005	< 0.0003	0.00015	0.0017	0.0017	< 0.001	0.0005	< 1	0.5	< 0.002	0.001	7.49		4843			
19-Sep-16	< 0.0005	0.00025	0.0029	0.0029	< 0.001	0.0005	< 0.0003	0.00015	0.0047	0.0047	0.005	0.005	6	6	0.011	0.011	8.03		4168		0	0
26-Sep-16	< 0.0005	0.00025	0.0012	0.0012	0.02	0.02	< 0.0003	0.00015	0.0081	0.0081	0.005	0.005	8	8	0.532	0.532	8.60		3752			
Monthly concentration (mg/L)		0.00025		0.001375		0.0065		0.00015		0.003688		0.003375		6.125		0.1365						
Charge (Kg)		0.03123		0.171765		0.81198		0.018738		0.460643		0.421605		765.135		17.05158						
Quarterly charge (Kg)		0.04333		0.22017		0.89669		0.02600		0.50179		0.44581		825.64250		17.19680		173326				

[illegible]

Quarterly charge (Kg)

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

0

NDEP :No Deposit

NMR: No Measurement Required



AGNICO EAGLE

Location of East Dike Discharge point: 63°02’35.97’’ N 92°13’10.98’’ W.

Mois	As	Cu	CN	Pb	Ni	Zn	TSS	Ra 226	Lowest pH	Highest pH	Effluent Volume	Results for Rainbow Trout Acute Lethality Tests (mean percentage mortality in 100% effluent test concentration)	Results for Daphnia magna Monitoring Tests (mean percentage mortality in 100% effluent test concentration)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L			m ³		
January	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
February	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
March	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
April	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
May	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
June	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
July	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
August	0.00025	0.00100	0.00175	0.00015	0.00085	0.00050	1.25000	0.00300	6.96	7.69	48406	0	0
September	0.00025	0.00138	0.00650	0.00015	0.00369	0.00338	6.12500	0.13650	7.45	8.60	124920	0	0
October	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	4050	NSC	NSC
November	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP
December	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP	NDEP

NDEP :No Deposit
NMR: No Measurement Required
NSC: No sample collected



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	Alkalinity	Aluminium	Ammonia Nitrogen (NH3-NH4)	Cadmium	Hardness	Iron	Mercury	Molybdenum	Nitrate	Selenium	T°	pH	O ₂	Conductivity	Arsenic	Ra226	TSS	Nickel	Zinc	Lead	Copper	Cyanide
	mg CaCO ₃ /L	mg/L	mg N/L	mg/L	mg CaCO ₃ /L	mg/L	mg/L	mg/L	mg/L	mg/L	°C		mg/L	µS/cm	mg/L	Bq/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Effluent characterization (65°01'11.21"N 96°02'32.00" W) (MEL-D-1-Monthly)																						
22-Aug-16	39	0.079	0.01	< 0.00002	50	0.07	< 0.00001	< 0.0005	0.01	< 0.001	*			139								
Water Quality Monitoring Exposure Area (65°01'10.81" N 96°02'22.64"W) (MEL-D-2, MEL-D-3)																						
24-Aug-16	17	0.104	< 0.01	< 0.00002	27	0.03	< 0.00001	< 0.0005	0.01	< 0.001	12.08	7.59	9.67	67.0	< 0.0005	**	< 1	0.0032	< 0.001	0.003	< 0.0005	**
Water Quality Monitoring Reference Area (65°58'10.90" N 96°09'51.37" W) (MEL-03-01)																						
22-Aug-16	17	0.018	0.01	< 0.00002	26	0.01	< 0.00001	< 0.0005	< 0.01	< 0.001	11.78	7.59	9.91	68.0	< 0.0005	**	< 1	< 0.0005	< 0.001	< 0.0003	< 0.0005	**

pH, O2 and Temperature were measured in the field.

* The field crew omitted to measure temperature. As a comparison, water in Meliadine Lake (lake next to H17) was at 12C. It is possible to think that water temperature of the effluent was similar to this.

** The field crew omitted to request analysis for Radium and Cyanide. When it is was noticed, it was too late to request analysis.