

**ANALYTICAL REPORT**

Hugh Ikoe
 Director of Municipal Services
 Municipality of Baker Lake
 P.O. Box 149
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 Canada T6E 5M4
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Date Received: Sept 3/98
 Date Sampled: Sept 2/98
 Date of Report: Sept 21/98

WATER ANALYSIS

Attention: Hugh Ikoe

Project No.: YX00562

File No.: EC26199 752

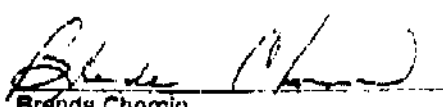
Analyte	Date of Analysis	Parameters	Units	APHA Reference Method	MDL	Sample ID No.		
						98-2178 SNP 1191-2	98-2179 SNP 1191-3	98-2180 SNP 1191-1
ME	10/9/98	Calcium	mg/L (ppm)	3500Ca-c	0.5	--	--	2.4
ME	10/9/98	Magnesium	mg/L (ppm)	3500Mg-c	0.6	--	--	1.2
ME	10/9/98	Potassium	mg/L (ppm)	3500K-c	0.6	--	--	0.9
ME	10/9/98	Sodium	mg/L (ppm)	3500Na-c	0.5	--	--	2.4
RM	9/9/98	Sulphate	mg/L (ppm)	4500SO ₄ -b	0.5	--	--	1.9
RM	9/9/98	Conductivity @ 25°C	mS/cm	2510	--	--	--	0.041
SA	10/9/98	Oil and Grease (IR)	mg/L (ppm)	5520-c	0.1	<0.1	--	--
AD	11/9/98	Phenol	mg/L (ppm)	5530-c	0.002	--	<0.002	0.002
RM	10/9/98	Total Organic Carbon	mg/L (ppm)	5310-b	1	--	7	8

MDL - Method Detection Limit

APHA - Standard Method for the Examination of Water and Wastewater, 1992, 18th Ed. American Public Health Association

Report reviewed by:


 James A. LeBlanc, B.Sc.
 QA/QC Manager
 Laboratory Services


 Brenda Chomin
 Manager
 Laboratory Services





AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

ANALYTICAL REPORT

WATER QUALITY CONTROL STANDARD

4810 - 93 Street
Edmonton, Alberta
Canada T6E 5M4
Tel: (403) 436-2152
Fax: (403) 435-8425

Attention: Hugh Iko

Project No.: YX00552

File No.: EC26199.752

Analyst	Date of Analysis	Parameters	Units	APHA Reference Method	MDL	Analyzed Value	Advisory Range	Certified Value	Reference No.
ME	10/9/98	Calcium	mg/L (ppm)	3500Ca-c	0.5	21.0	17.3-22.6	19.9	M-CAT01036
ME	10/9/98	Magnesium	mg/L (ppm)	3500Mg-c	0.5	10.4	8.6-11.3	9.9	M-CAT01036
ME	10/9/98	Potassium	mg/L (ppm)	3500K-c	0.5	4.1	4.1-5.8	5.0	M-CAT01036
ME	10/9/98	Sodium	mg/L (ppm)	3500Na-c	0.5	52.8	44.8-55.1	49.9	M-CAT01036
RM	9/9/98	Sulphate	mg/L (ppm)	4500SO ₄ -b	0.5	127	104-138	121	M-MIN01086
RM	9/9/98	Conductivity @ 25°C	ms/cm	2510	-	1.142	0.985-1.215	1.100	M-MIN01086
SA	10/9/98	Oil and Grease (IR)	mg/L (ppm)	5520-c	0.1	107	79.6-164	124	Ers 8010 #1
AD	11/9/98	Phenol	mg/L (ppm)	5530-c	0.002	0.287	0.21-0.42	0.314	M-PHEN01016
RM	10/9/98	Total Organic Carbon	mg/L (ppm)	5310-b	1	77	61-79	72.3	M-QCP05072

MDL - Method Detection Limit

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Report reviewed by:

James A. LeBlanc
James A. LeBlanc, B.Sc.
QA/QC Manager
Laboratory Services

Brenda Chomin
Brenda Chomin
Manager
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AGRA Earth & Environmental Limited has been certified by the Canadian Association for Environmental Analytical Laboratories (CAEAL) Inc. for specific tests registered with the Association.

*All samples will be disposed after 30 days following analysis. Please contact the lab if you require additional sample storage time. Samples deemed hazardous will be returned to the client at their own expense or disposal will be arranged.





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WATER ANALYSIS-DISSOLVED ICP METALS

Attention: Hugh Ikoe

Project No. YX00552

File No. EC26199 752

Analyst	Date of Analysis	Parameters	Units	APHA Reference Method	MDL	Sample I.D. No.	
						89-2179	99-2181
						SNP 1191-3	Unlabeled Sample
ME	10/9/98	Iron	mg/L (ppm)	3500Fe-C	0.01	—	1.08
ME	10/9/98	Nickel	mg/L (ppm)	3500Ni-C	0.005	—	<0.005
ME	10/9/98	Chromium	mg/L (ppm)	3500Cr-C	0.002	—	<0.002
ME	10/9/98	Zinc	mg/L (ppm)	3500Zn-C	0.005	—	<0.005
ME	10/9/98	Lead	mg/L (ppm)	3500Pb-C	0.002	—	<0.002
ME	10/9/98	Cadmium	mg/L (ppm)	3500Cd-C	0.002	—	<0.002
ME	11/9/98	Mercury	mg/L (ppm)	3112	0.0002	<0.0002	—

MDL - Method Detection Limit

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ANALYTICAL REPORT

WATER QUALITY CONTROL STANDARD DISSOLVED ICP METALS

Attention: Hugh Iko

Project No.: YX00552

File No.: EC26199.752

Analyst	Date of Analysis	Parameters	Units	APHA Reference Method	MDL	Analyzed Value	Advisory Range	Certified Value	Reference No.
ME	10/9/98	Iron	mg/L (ppm)	3500Fe-C	0.01	2.19	1.80-2.20	2.00	CCV-1
ME	10/9/98	Nickel	mg/L (ppm)	3500Ni-C	0.005	0.409	0.359-0.441	0.400	M-TMS01040
ME	10/9/98	Chromium	mg/L (ppm)	3500Cr-C	0.002	0.306	0.247-0.364	0.300	M-TMS01040
ME	10/9/98	Zinc	mg/L (ppm)	3500Zn-C	0.005	0.461	0.417-0.533	0.475	M-TMS01040
ME	10/9/98	Lead	mg/L (ppm)	3500Pb-C	0.002	0.249	0.211-0.289	0.250	M-TMS01040
ME	10/9/98	Cadmium	mg/L (ppm)	3500Cd-C	0.002	0.024	0.021-0.029	0.025	M-TMS01040
ME	11/9/98	Mercury	mg/L (ppm)	3112	0.0002	0.0052	0.0036-0.0064	0.0050	M-TMS01040

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