

Report Transmission Cover Page

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Contact & Affiliation	Address	Delivery Commitments
Wesley Olstad	R. R. 1, Site 22, Box 1	On [Report Approval] send
Mountain View Regional Water	Innisfail, Alberta T4G 1T6	(COC, Test Report) by Email - Merge Reports
	Phone: (403) 227-5828	On [Lot Approval and Final Test Report Approval] send
	Fax: (403) 227-5831	(COC, Test Report, Invoice) by Post
	Email: wo.mtn@telus.net	M

Notes To Clients:

- NTA analysis was performed by a subcontract laboratory. See attached one page report 2010-1381.
- Sample received unpreserved for sulfide analysis.
- Some trace total metal results were less than dissolved metal results for sample 726815-4. The results were verified and are within expected measurement uncertainty.

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential. If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited. If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.

Sample Custody

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Sample Disposal Date: March 31, 2010

All samples will be stored until this date unless other instructions are received. Please indicate other requirements below and return this form to the address or fax number on the top of this page.

Extend Sample Storage Until _____ (MM/DD/YY)

The following charges apply to extended sample storage:

Storage for an additional 30 days	\$ 2.50 per sample
Storage for an additional 60 days	\$ 5.00 per sample
Storage for an additional 90 days	\$ 7.50 per sample

Return Sample, collect, to the address below via:

Greyhound

DHL

Purolator

Other (specify) _____

Name _____

Company _____

Address _____

Phone _____

Fax _____

Signature _____

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-1
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Didsbury
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen - Water					
Chloroform	mg/L	0.031	0.001		
Bromodichloromethane	mg/L	0.003	0.001		
Dibromochloromethane	mg/L	<0.001	0.001		
Bromoform	mg/L	<0.001	0.001		
Total Trihalomethanes	mg/L	0.034	0.001		
Trihalomethanes - Surrogate Recovery					
Dibromofluoromethane	EPA Surrogate	%	110	86-118	
Toluene-d8	EPA Surrogate	%	98	85-115	
Bromofluorobenzene	EPA Surrogate	%	106	86-115	



Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-2
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	MPR - Influent
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen - Water					
Chloroform	mg/L	0.018	0.001		
Bromodichloromethane	mg/L	0.002	0.001		
Dibromochloromethane	mg/L	<0.001	0.001		
Bromoform	mg/L	<0.001	0.001		
Total Trihalomethanes	mg/L	0.020	0.001		
Trihalomethanes - Surrogate Recovery					
Dibromofluoromethane	EPA Surrogate	%	108	86-118	
Toluene-d8	EPA Surrogate	%	96	85-115	
Bromofluorobenzene	EPA Surrogate	%	107	86-115	

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-3
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	MPR - Effluent
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen - Water					
Chloroform	mg/L	0.034	0.001		
Bromodichloromethane	mg/L	0.003	0.001		
Dibromochloromethane	mg/L	<0.001	0.001		
Bromoform	mg/L	<0.001	0.001		
Total Trihalomethanes	mg/L	0.037	0.001		
Trihalomethanes - Surrogate Recovery					
Dibromofluoromethane	EPA Surrogate	%	104	86-118	
Toluene-d8	EPA Surrogate	%	102	85-115	
Bromofluorobenzene	EPA Surrogate	%	110	86-115	

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Chlorinated Phenols - Water					
Monochlorophenols	ug/L	<0.1	0.1		
Dichlorophenols	ug/L	<0.1	0.1		
Trichlorophenols	ug/L	<0.1	0.1		
Tetrachlorophenols	ug/L	<0.1	0.1		
Pentachlorophenol	ug/L	<0.1	0.1	60	Below MAC
Inorganic Nonmetallic Parameters					
Ammonium - N	mg/L	<0.05	0.05		
Sulfide	Total mg/L	<0.005	0.005	0.05	Below AO
Organic Carbon	Total Nonpurgeable mg/L	1.4	0.5		
Chloramine	mg/L	0.1	0.1	3	Below MAC
Cyanide	Dissolved mg/L	<0.001	0.001	0.2	Below MAC
Metals Total					
Iron	Total mg/L	<0.05	0.05	0.3	Below AO
Manganese	Total mg/L	<0.005	0.005	0.05	Below AO
Silicon	Total mg/L	2.38	0.05		
Sulfur	Total mg/L	15.7	0.3		
Mercury	Total mg/L	<0.0001	0.0001	0.001	Below MAC
Aluminum	Total mg/L	0.027	0.005	0.1	Below OG
Antimony	Total mg/L	<0.0002	0.0002	0.006	Below MAC
Arsenic	Total mg/L	0.0003	0.0002	0.01	Below MAC
Barium	Total mg/L	0.122	0.001	1.0	Below MAC
Beryllium	Total mg/L	<0.0001	0.0001		
Bismuth	Total mg/L	<0.0005	0.0005		
Boron	Total mg/L	0.011	0.002	5.0	Below MAC
Cadmium	Total mg/L	<0.00001	0.00001	0.005	Below MAC
Chromium	Total mg/L	<0.0005	0.0005	0.05	Below MAC
Cobalt	Total mg/L	<0.0001	0.0001		
Copper	Total mg/L	<0.001	0.001	1.0	Below AO
Lead	Total mg/L	<0.0001	0.0001	0.01	Below MAC
Lithium	Total mg/L	0.006	0.001		
Molybdenum	Total mg/L	0.001	0.001		
Nickel	Total mg/L	<0.0005	0.0005		
Selenium	Total mg/L	0.0003	0.0002	0.01	Below MAC
Silver	Total mg/L	<0.00001	0.00001		
Strontium	Total mg/L	0.415	0.001		
Thallium	Total mg/L	<0.00005	0.00005		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Total - Continued					
Tin	Total mg/L	<0.001	0.001		
Titanium	Total mg/L	0.0009	0.0005		
Uranium	Total mg/L	<0.0005	0.0005	0.02	Below MAC
Vanadium	Total mg/L	0.0002	0.0001		
Zinc	Total mg/L	0.002	0.001	5.0	Below AO
Physical and Aggregate Properties					
Colour	Apparent, Potable Colour units	5	5	15	Below AO
Turbidity	NTU	0.2	0.1	0.1	Above OG
Polycyclic Aromatic Hydrocarbons - Water					
Benzo(a)pyrene	ug/L	<0.008	0.008	0.01	Below MAC
Routine Water					
pH		8.30		6.5 - 8.5	Within AO
Temperature of observed pH	°C	21.3			
Electrical Conductivity	µS/cm at 25 C	442	1		
Calcium	Dissolved mg/L	60.9	0.2		
Magnesium	Dissolved mg/L	18.6	0.2		
Sodium	Dissolved mg/L	6.8	0.4	200	Below AO
Potassium	Dissolved mg/L	1.2	0.4		
Iron	Dissolved mg/L	<0.01	0.01	0.3	Below AO
Manganese	Dissolved mg/L	<0.005	0.005	0.05	Below AO
Chloride	Dissolved mg/L	5.7	0.4	250	Below AO
Fluoride	mg/L	0.13	0.05	1.5	Below MAC
Nitrate - N	mg/L	0.12	0.01	10	Below MAC
Nitrite - N	mg/L	<0.005	0.005	1	Below MAC
Nitrate and Nitrite - N	mg/L	0.12	0.01	10	Below MAC
Sulfate (SO4)	Dissolved mg/L	50.0	0.9	500	Below AO
Hydroxide	mg/L	<5	5		
Carbonate	mg/L	<6	6		
Bicarbonate	mg/L	244	5		
P-Alkalinity	as CaCO3 mg/L	<5	5		
T-Alkalinity	as CaCO3 mg/L	200	5		
Total Dissolved Solids	Calculated mg/L	263	1	500	Below AO
Hardness	Dissolved as CaCO3 mg/L	229			
Ionic Balance	Dissolved %	94			

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number 726815-4
Sample Date February 17, 2010
Sample Time NA
Sample Location
Sample Description Crossfield
Sample Matrix Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen - Water					
Chloroform	mg/L	0.033	0.001	0.1	Below MAC
Bromodichloromethane	mg/L	0.003	0.001	0.1	Below MAC
Dibromochloromethane	mg/L	<0.001	0.001	0.1	Below MAC
Bromoform	mg/L	<0.001	0.001	0.1	Below MAC
Total Trihalomethanes	mg/L	0.036	0.001	0.1	Below MAC
VOC Screen - Water					
Benzene	ug/L	<1	1	5	Below MAC
Bromodichloromethane	ug/L	3	1	100	Below MAC
Bromoform	ug/L	<1	1	100	Below MAC
Bromomethane	ug/L	<10	10		
Carbon Tetrachloride	ug/L	<1	1	5	Below MAC
Chlorobenzene	ug/L	<1	1	80	Below MAC
Chloroethane	ug/L	<10	10		
2-Chloroethyl Vinyl Ether	ug/L	<1	1		
Chloroform	ug/L	24	1	100	Below MAC
Chloromethane	ug/L	<10	10		
Dibromochloromethane	ug/L	<1	1	100	Below MAC
1,2-Dichlorobenzene	ug/L	<1	1	200	Below MAC
1,3-Dichlorobenzene	ug/L	<1	1		
1,4-Dichlorobenzene	ug/L	<1	1	5	Below MAC
1,1-Dichloroethane	ug/L	<1	1		
1,2-Dichloroethane	ug/L	<1	1	5	Below IMAC
1,1-Dichloroethene	ug/L	<1	1	14	Below MAC
1,2-Dichloroethene(cis)	ug/L	<1	1		
1,2-Dichloroethene(trans)	ug/L	<1	1		
1,2-Dichloropropane	ug/L	<1	1		
1,3-Dichloropropene(cis)	ug/L	<1	1		
1,3-Dichloropropene(trans)	ug/L	<1	1		
Ethylbenzene	ug/L	<1	1	2.4	Below AO
Methylene Chloride	ug/L	<5	5	50	Below MAC
Styrene	ug/L	<1	1		
1,1,2,2-Tetrachloroethane	ug/L	<1	1		
Tetrachloroethene	ug/L	<1	1	30	Below MAC
Toluene	ug/L	<1	1	24	Below AO
1,1,1-Trichloroethane	ug/L	<1	1		
1,1,2-Trichloroethane	ug/L	<1	1		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
VOC Screen - Water - Continued					
Trichloroethene	ug/L	<1	1	5	Below MAC
Trichlorofluoromethane	ug/L	<1	1		
Vinyl Chloride	ug/L	<2	2	2	Below MAC
Total Xylenes (m,p,o)	ug/L	<1	1	300	Below AO
Chlorinated Phenols - Water - Surrogate Recovery					
2,4,6-Tribromophenol	PCP - Surrogate %	95	10-123		
Organochlorine Pesticides in Water					
Aldrin	ug/L	<0.1	0.1	0.7	Below MAC
BHC (alpha isomer)	ug/L	<0.1	0.1		
BHC (beta isomer)	ug/L	<0.1	0.1		
BHC (delta isomer)	ug/L	<0.1	0.1		
Captan	ug/L	<0.5	0.5		
Chlorbenside	ug/L	<0.1	0.1		
Chlordane-cis	ug/L	<0.1	0.1		
Chlordane-trans	ug/L	<0.1	0.1		
Chlorfenson	ug/L	<0.1	0.1		
Chlorothalonil	ug/L	<0.5	0.5		
Chlorthal-dimethyl	ug/L	<0.1	0.1		
DDD-o,p'	ug/L	<0.1	0.1		
DDD-p,p'	ug/L	<0.1	0.1		
DDE-o,p'	ug/L	<0.1	0.1		
DDE-p,p'	ug/L	<0.1	0.1		
DDT-o,p'	ug/L	<0.1	0.1		
DDT-p,p'	ug/L	<0.1	0.1		
Dichlofluanid	ug/L	<0.1	0.1		
Dicofol	ug/L	<0.5	0.5		
Dieldrin	ug/L	<0.5	0.5		
Endosulfan I	ug/L	<0.1	0.1		
Endosulfan II	ug/L	<0.1	0.1		
Endosulfan sulfate	ug/L	<0.1	0.1		
Endrin	ug/L	<0.1	0.1		
Folpet	ug/L	<0.5	0.5		
Heptachlor	ug/L	<0.1	0.1		
Heptachlor Epoxide	ug/L	<0.1	0.1		
Hexachlorobenzene	ug/L	<0.1	0.1		
Lindane	ug/L	<0.1	0.1		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Organochlorine Pesticides in Water - Continued					
Methoxychlor	ug/L	<0.1	0.1	900	Below MAC
Mirex	ug/L	<0.1	0.1		
Nitrofen	ug/L	<0.1	0.1		
Permethrin-cis	ug/L	<0.1	0.1		
Permethrin-trans	ug/L	<0.1	0.1		
Procymidone	ug/L	<0.1	0.1		
Propachlor	ug/L	<0.1	0.1		
Quintozene	ug/L	<0.1	0.1		
Tecnazene	ug/L	<0.1	0.1		
Tetradifon	ug/L	<0.1	0.1		
Tolyfluanid	ug/L	<0.1	0.1		
Triadimefon	ug/L	<0.1	0.1		
Vinclozolin	ug/L	<0.1	0.1		
Organophosphate Pesticides in Water					
Acephate	ug/L	<0.5	0.5		
Aspon	ug/L	<0.5	0.5		
Azinphos-ethyl	ug/L	<0.5	0.5	20	Below MAC
Azinphos-methyl	ug/L	<0.5	0.5		
Bromophos	ug/L	<0.5	0.5		
Bromophos-ethyl	ug/L	<0.5	0.5		
Carbophenothion	ug/L	<0.5	0.5		
Chlorfenvinphos	ug/L	<0.5	0.5		
Chlormephos	ug/L	<0.5	0.5		
Chlorpyrifos	ug/L	<0.5	0.5	90	Below MAC
Chlorpyrifos-methyl	ug/L	<0.5	0.5		
Chlorthiophos	ug/L	<0.5	0.5		
Cyanophos	ug/L	<0.5	0.5		
Demeton	ug/L	<0.5	0.5		
Diazinon	ug/L	<0.5	0.5	20	Below MAC
Dichlofenthion	ug/L	<0.5	0.5		
Dichlorvos	ug/L	<0.5	0.5		
Dicrotophos	ug/L	<0.5	0.5		
Dimethoate	ug/L	<0.5	0.5	20	Below MAC
Disulfoton	ug/L	<0.5	0.5		
EPN	ug/L	<0.5	0.5		
Ethion	ug/L	<0.5	0.5		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Organophosphate Pesticides in Water - Continued					
Fenclorphos	ug/L	<0.5	0.5		
Fenitrothion	ug/L	<0.5	0.5		
Fenthion	ug/L	<0.5	0.5		
Fonofos	ug/L	<0.5	0.5		
Isofenphos	ug/L	<0.5	0.5		
Malaoxon	ug/L	<0.5	0.5		
Malathion	ug/L	<0.5	0.5	190	Below MAC
Methyl Parathion	ug/L	<0.5	0.5		
Mevinphos	ug/L	<0.5	0.5		
Omethoate	ug/L	<0.5	0.5		
Parathion	ug/L	<0.5	0.5	50	Below MAC
Phorate	ug/L	<0.5	0.5	2	Below MAC
Phosalone	ug/L	<0.5	0.5		
Phosmet	ug/L	<0.5	0.5		
Phosphamidon	ug/L	<0.5	0.5		
Pirimiphos-ethyl	ug/L	<0.5	0.5		
Pirimiphos-methyl	ug/L	<0.5	0.5		
Profenofos	ug/L	<0.5	0.5		
Pyrazophos	ug/L	<0.5	0.5		
Quinalophos	ug/L	<0.5	0.5		
Sulfotep	ug/L	<0.5	0.5		
Terbufos	ug/L	<0.5	0.5	1	Below MAC
Tetrachlorvinphos	ug/L	<0.5	0.5		
Neutral Herbicides in Water					
Alachlor	ug/L	<0.5	0.5		
Atrazine	ug/L	<0.5	0.5	5	Below IMAC
Benfluralin	ug/L	<0.5	0.5		
Butylate	ug/L	<0.5	0.5		
Chlorpropham	ug/L	<0.5	0.5		
Cyanazine	ug/L	<0.5	0.5	10	Below MAC
Deethylatrazine	ug/L	<0.5	0.5		
Desmetryn	ug/L	<0.5	0.5		
Diallate	ug/L	<0.5	0.5		
Dichlobenil	ug/L	<0.5	0.5		
Diclofop-methyl	ug/L	<0.5	0.5	9	Below MAC
Diphenylamine	ug/L	<0.5	0.5		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Neutral Herbicides in Water - Continued					
Eptam (EPTC)	ug/L	<0.5	0.5		
Ethalfuralin	ug/L	<0.5	0.5		
Fenoxaprop-ethyl	ug/L	<0.5	0.5		
Fluazifop-p-butyl	ug/L	<0.5	0.5		
Hexazinone	ug/L	<0.5	0.5		
Metalaxyl	ug/L	<0.5	0.5		
Metolachlor	ug/L	<0.5	0.5	50	Below IMAC
Metribuzin	ug/L	<0.5	0.5	80	Below MAC
Pirimicarb	ug/L	<0.5	0.5		
Profluralin	ug/L	<0.5	0.5		
Prometryn	ug/L	<0.5	0.5		
Propazine	ug/L	<0.5	0.5		
Propyzamide	ug/L	<0.5	0.5		
Quizalofop-ethyl	ug/L	<0.5	0.5		
Simazine	ug/L	<0.5	0.5	10	Below MAC
Simetryn	ug/L	<0.5	0.5		
Terbutylazine	ug/L	<0.5	0.5		
Terbutryn	ug/L	<0.5	0.5		
Triallate	ug/L	<0.5	0.5		
Trifluralin	ug/L	<0.5	0.5	45	Below MAC
Neutral Herbicides - Water - Surrogate Recovery					
TPP	Surrogate	%	92	50-140	
Multiresidue Pesticides in Water					
Bifenox	ug/L	<0.5	0.5		
Bromopropylate	ug/L	<0.5	0.5		
Butralin	ug/L	<0.5	0.5		
Carboxin	ug/L	<0.5	0.5		
Chinomethionate	ug/L	<0.5	0.5		
Chlorbromuron	ug/L	<0.5	0.5		
Chlordimeform	ug/L	<0.5	0.5		
Chlorobenzilate	ug/L	<0.5	0.5		
Clomazone	ug/L	<0.5	0.5		
Crufomate	ug/L	<0.5	0.5		
Cypermethrin	ug/L	<0.5	0.5		
Cyprazine	ug/L	<0.5	0.5		
Deltamethrin	ug/L	<0.5	0.5		

Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Multiresidue Pesticides in Water - Continued					
Demeton-s-methyl	ug/L	<0.5	0.5		
Dialifos	ug/L	<0.5	0.5		
Dichloran	ug/L	<0.5	0.5		
Dimethachlor	ug/L	<0.5	0.5		
Dinitramine	ug/L	<0.5	0.5		
Diphenamid	ug/L	<0.5	0.5		
Ethofumesate	ug/L	<0.5	0.5		
Etrimfos	ug/L	<0.5	0.5		
Fenamiphos	ug/L	<0.5	0.5		
Fenson	ug/L	<0.5	0.5		
Fenvalerate	ug/L	<0.5	0.5		
Fluchloralin	ug/L	<0.5	0.5		
Heptenophos	ug/L	<0.5	0.5		
Iprodione	ug/L	<0.5	0.5		
Metazachlor	ug/L	<0.5	0.5		
Methamidophos	ug/L	<0.5	0.5		
Methoprene	ug/L	<0.5	0.5		
Myclobutanil	ug/L	<0.5	0.5		
Norflurazon	ug/L	<0.5	0.5		
Paraoxon	ug/L	<0.5	0.5		
Pebulate	ug/L	<0.5	0.5		
Propanil	ug/L	<0.5	0.5		
Propargite	ug/L	<0.5	0.5		
Propiconazole	ug/L	<0.5	0.5		
Pyridaben	ug/L	<0.5	0.5		
Tebuconazole	ug/L	<0.5	0.5		
Terbacil	ug/L	<0.5	0.5		
Tetramethrin	ug/L	<0.5	0.5		
Triadimenol	ug/L	<0.5	0.5		
Triazophos	ug/L	<0.5	0.5		
Vernolate	ug/L	<0.5	0.5		
Carbamates in Water					
3-Hydroxycarbofuran	ug/L	<0.02	0.02		
Aldicarb	ug/L	<0.02	0.02	9	Below MAC
Aldicarb sulfone	ug/L	<0.02	0.02		
Aldicarb sulfoxide	ug/L	<0.02	0.02		



Analytical Report

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Carbamates in Water - Continued					
Bendiocarb	ug/L	<0.02	0.02	40	Below MAC
BPMC	ug/L	<0.02	0.02		
Carbaryl	ug/L	<0.02	0.02	90	Below MAC
Carbofuran	ug/L	<0.02	0.02	90	Below MAC
Imidacloprid	ug/L	<0.02	0.02		
Methiocarb	ug/L	<0.02	0.02		
Methomyl	ug/L	<0.02	0.02		
Oxamyl	ug/L	<0.02	0.02		
Promecarb	ug/L	<0.02	0.02		
Propoxur	ug/L	<0.02	0.02		
Sterilants in Water					
Atrazine	ug/L	<0.1	0.1		
Deethylatrazine	ug/L	<0.1	0.1		
Deisopropylatrazine	ug/L	<0.1	0.1		
Didealkylatrazine	ug/L	<0.1	0.1		
Bromacil	ug/L	<0.1	0.1		
Chlorotoluron	ug/L	<0.1	0.1		
Cyanazine	ug/L	<0.1	0.1	10	Below MAC
Diuron	ug/L	<0.1	0.1	150	Below MAC
Fenuron	ug/L	<0.1	0.1		
Isoproturon	ug/L	<0.1	0.1		
Linuron	ug/L	<0.1	0.1		
Metoxuron	ug/L	<0.1	0.1		
Monolinuron	ug/L	<0.1	0.1		
Simazine	ug/L	<0.1	0.1		
Tebuthiuron	ug/L	<0.1	0.1		
Glyphosate in Water					
Glyphosate	mg/L	<0.01	0.01	0.28	Below MAC
PAH - Water - Surrogate Recovery					
Nitrobenzene-d5	PAH - Surrogate	%	100	23-130	
2-Fluorobiphenyl	PAH - Surrogate	%	80	30-130	
p-Terphenyl-d14	PAH - Surrogate	%	110	18-137	
Trihalomethanes - Surrogate Recovery					
Dibromofluoromethane	EPA Surrogate	%	104	86-118	
Toluene-d8	EPA Surrogate	%	99	85-115	
Bromofluorobenzene	EPA Surrogate	%	108	86-115	

Analytical Report


Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Reference Number	726815-4
Sample Date	February 17, 2010
Sample Time	NA
Sample Location	
Sample Description	Crossfield
Sample Matrix	Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
VOC - Water - Surrogate Recovery					
Dibromofluoromethane	EPA Surrogate %	108	86-118		
Toluene-d8	EPA Surrogate %	99	85-115		
Bromofluorobenzene	EPA Surrogate %	112	86-115		
Acid Herbicides - Water - Surrogate Recovery					
2,4-DCPA	Surrogate %	51	30-120		
Acid Herbicides in Water					
2,4,5-T	ug/L	<0.1	0.1		
2,4,5-TP	ug/L	<0.1	0.1		
2,4-D	ug/L	<0.1	0.1	100	Below MAC
2,4-DB	ug/L	<0.1	0.1		
Bromoxynil	ug/L	<0.1	0.1	5	Below MAC
Clopyralid	ug/L	<0.1	0.1		
Dicamba	ug/L	<0.1	0.1	120	Below MAC
Dichlorprop	ug/L	<0.1	0.1		
Dinoseb	ug/L	<0.1	0.1	10	Below MAC
Imazamox	ug/L	<0.1	0.1		
Imazapyr	ug/L	<0.1	0.1		
Imazethapyr	ug/L	<0.1	0.1		
MCPA	ug/L	<0.1	0.1		
MCPB	ug/L	<0.1	0.1		
Mecoprop	ug/L	<0.1	0.1		
Picloram	ug/L	<0.1	0.1	190	Below MAC
Triclopyr	ug/L	<0.1	0.1		

Subcontracted Analysis

Subcontractor Report Id	Hydroqual	Report 10-0214
Subcontractor Report Id	Maxxam	Report B009111

Approved by: 
 Michael Yohemas, BSc
 Laboratory Operations Manager

Methodology and Notes

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Acid Herbicides - Water	USGS	* Determination of Pesticides in Water by Graphitized Carbon-Based SPE & HPLC/MS, O-2060-1	22-Feb-10	Exova Calgary
Alkalinity, pH, and EC in water	APHA	* Alkalinity - Titration Method, 2320 B	18-Feb-10	Exova Edmonton
Alkalinity, pH, and EC in water	APHA	* Conductivity, 2510	18-Feb-10	Exova Edmonton
Alkalinity, pH, and EC in water	APHA	* pH - Electrometric Method, 4500-H+ B	18-Feb-10	Exova Edmonton
Ammonium-N in Water	APHA	* Automated Phenate Method, 4500-NH3 G	23-Feb-10	Exova Edmonton
Anions (Routine) by Ion Chromatography	APHA	* Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	18-Feb-10	Exova Edmonton
Approval-Edmonton	APHA	Checking Correctness of Analyses, 1030 E	18-Feb-10	Exova Edmonton
Carbamates - Water	US EPA	* N-methylcarbamates by High Performance Liquid Chromatography (HPLC), 8318	22-Feb-10	Exova Calgary
Carbon Organic (Total) in water (TOC)	APHA	High-Temperature Combustion Method, 5310 B	18-Feb-10	Exova Edmonton
Chloride in Water	APHA	* Automated Ferricyanide Method, 4500-Cl- E	18-Feb-10	Exova Edmonton
Colour (Apparent) in water	APHA	* Visual Comparison Method, 2120 B	18-Feb-10	Exova Edmonton
Cyanide (Dissolved) in water	Alta. Env. Method	* Cyanide, Simple Extractable (Automated Pyridine-Barbituric Acid Colorimetric Method), 06608L	23-Feb-10	Exova Edmonton
FV2 Pesticides - Water	JAOAC	* Multi-Res Determination of Pesticides in FV by GC-MSD & LC, vol78	22-Feb-10	Exova Calgary
Mercury (Total) in water	US EPA	* Determination of Hg in Sediment by Cold Vapor Atomic Absorption Spec, 245.5	19-Feb-10	Exova Edmonton
Metals ICP-MS (Total) in water	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	18-Feb-10	Exova Edmonton
Metals Trace (Dissolved) in water	APHA	Hardness by Calculation, 2340 B	18-Feb-10	Exova Edmonton
Metals Trace (Dissolved) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	18-Feb-10	Exova Edmonton
Metals Trace (Total) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	18-Feb-10	Exova Edmonton
Neutral Herbicides - Water	US EPA	* OC Pesticides by Gas Chromatography, 8081B	22-Feb-10	Exova Calgary
Organochlorine Pesticides - Water	US EPA	* OC Pesticides by Gas Chromatography, 8081B	22-Feb-10	Exova Calgary
Organophosphate Pesticides - Water	US EPA	* OP Compounds by Gas Chromatography: Capillary Column Techniq, 8141A	22-Feb-10	Exova Calgary

Methodology and Notes

Bill To: Mountain View Regional Water	Project:	Lot ID: 726815
Report To: Mountain View Regional Water	ID:	Control Number: A080456
Box 1	Name:	Date Received: Feb 17, 2010
R. R. 1, Site 22	Location:	Date Reported: Mar 1, 2010
Innisfail, AB, Canada	LSD:	Report Number: 1297993
T4G 1T6	P.O.: O-0008	
Attn: Wesley Olstad	Acct code:	
Sampled By: Wes Olstad		
Company: MVRWSC		

Method Name	Reference	Method	Date Analysis Started	Location
PAH - Water	US EPA	* Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, 8270	22-Feb-10	Exova Calgary
PCP - Water	US EPA	* Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, 8270	23-Feb-10	Exova Calgary
Sterilants - Water	USGS	* Determination of Pesticides in Water by Graphitized Carbon-Based SPE & HPLC/MS, O-2060-1	22-Feb-10	Exova Calgary
Sublet to Hydroqual	Ext. Lab	See attached test report,	01-Mar-10	Hydroqual Laboratories
Sublet to Maxxam Labs	Ext. Lab	See attached test report,	24-Feb-10	Maxxam Analytical
Sulfide in water	APHA	* Gas Dialysis, Automated Methylene Blue Method, 4500-S2- E	18-Feb-10	Exova Edmonton
THM - Water	US EPA	* US EPA method, 8260B/5035	22-Feb-10	Exova Calgary
Turbidity in Water	APHA	* Turbidity - Nephelometric Method, 2130 B	18-Feb-10	Exova Edmonton
VOC - Water	US EPA	* US EPA method, 8260B/5030B	22-Feb-10	Exova Calgary

* Reference Method Modified

References

Alta. Env. Method	Alberta Environment Method
USGS	U.S. Geological Survey National Water Quality Laboratory
APHA	Standard Methods for the Examination of Water and Wastewater
JAOAC	J. Assoc. Off. Anal. Chem.
US EPA	US Environmental Protection Agency Test Methods

Guidelines

Guideline Description	Health Canada GCDWQ
Guideline Source	Guidelines for Canadian Drinking Water Quality, Health Canada, May 2008
Guideline Comments	MAC = Maximum Acceptable Concentration AO = Aesthetic Objective OG = Operational Guideline for Water Treatment Plants Refer to Health Canada GCDWQ for complete guidelines and additional drinking water information at www.hc-sc.gc.ca

Comments:

- NTA analysis was performed by a subcontract laboratory. See attached one page report 2010-1381.
- Sample received unpreserved for sulfide analysis.
- Some trace total metal results were less than dissolved metal results for sample 726815-4. The results were verified and are within expected measurement uncertainty.

Methodology and Notes

Bill To:	Mountain View Regional Water	Project:		Lot ID:	726815
Report To:	Mountain View Regional Water	ID:		Control Number:	A080456
	Box 1	Name:		Date Received:	Feb 17, 2010
	R. R. 1, Site 22	Location:		Date Reported:	Mar 1, 2010
	Innisfail, AB, Canada	LSD:		Report Number:	1297993
	T4G 1T6	P.O.:	O-0008		
Attn:	Wesley Olstad	Acct code:			
Sampled By:	Wes Olstad				
Company:	MVRWSC				

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services group.

Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.

Result Summary

Client: NOR239
Reference: 10-0214- PPI

Client: Exova Canada; operation Calgary

Sample: 726815-4

Collection: information not provided

Receipt: received on 2010/02/18 at 1250 by C. Ehman

Containers: received 1 x 1 L bottle at 8 °C, in good condition with no seals and no initials

Description: type: water; collection method: not given

Analysis: isolated on 2010/02/23 by H. Ditch; enumerated on 2010/02/23 by H. Ditch


Result: _____

Contents	
Result Summary.....	1
Analysis	2
Comments.....	2
QA/QC.....	3

lab reference	Sample Information		Microcystin (µg LR equiv/L)	Comment
	client	collection date		
10-0214	726815-4	not given	0.24	none

The test data and results are authorized and verified correct.


C. Ehman, B.Sc., Technical Lead


S. Krishnappa, B.Sc., Quality Coordinator

Our liability is limited to the cost of the test requested. The test results only relate to the sample as received. No liability in whole or in part is assumed for the collection, handling or transport of the sample, application or interpretation of the test data or results.

Analysis

 Client: NOR239
 Reference: 10-0214- PPI

Sample Information		Optical Density (430 nm)						Inhibition (%)
lab reference	client	avg	initial sd	cv	avg	final sd	cv	
10-0214	726815-4	0.15	0.01	5	0.42	0.02	4	<11

Standard Curve: microcystin LR (ug/L) = $a * x^2 + b * x + c$ $r^2 = 0.9665$
 where x is percent inhibition of protein phosphatase relative to controls
 $a = 0$ $b = 0.0169$ $c = -0.7401$

Method: Microcystin analysis by protein phosphatase inhibition assay (HQ 4.4.1.20)

Reference: Use of a Colorimetric Protein Phosphatase Inhibition Assay and Enzyme Linked Immunosorbent Assay for the Study of Microcystins and Nodularins.
 An, J.S. and W.W. Carmichael, 1994. Toxicon, 32, 1495-1507.

Comment: The lower and upper method detection limits are 0.22 and 5 µg microcystin - LR equiv/L, respectively.

The drinking water guideline for cyanobacterial toxins-microcystin-LR is 1.5 µg/L (Guidelines for Canadian Drinking Water Quality -Summary Table, March 2006 <http://www.hc-sc.gc.ca>)

Quality Assurance Information

Test Method: PPI Inhibition Assay

HydroQual Test Method Manual, section: 4.4.1.20

Reference: An J.S. and Carmichael W.W. (1994) Use of a colorimetric protein phosphatase inhibition assay and enzyme linked immunosorbent assay for the study of microcystins and nodularins. *Toxicon*, 32, 1495-1507

Standard: Microcystin LR

Source: Sigma

Lot: 057K1590

Received: 2007/08/05

Date Made: 2009/02/05

Enzyme: Protein Phosphatase-1

Source: Sigma

Lot: 018K4050

Date Made: 2010/01/27

Control Chart: Inhibition: IC50 at 4 ± 1 hour

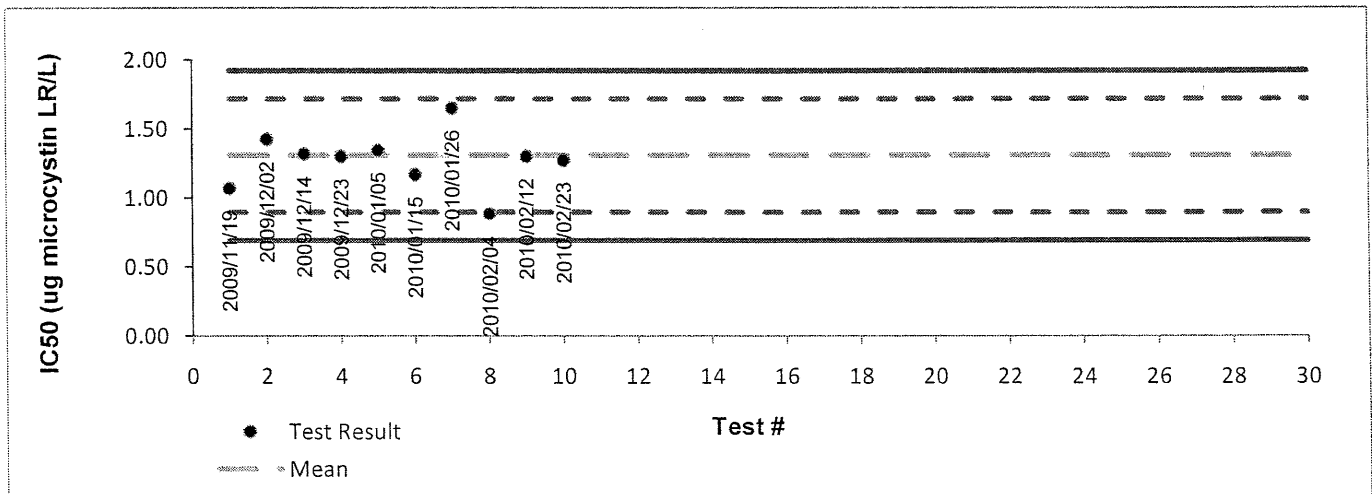
Current Test: started on 2010/02/23 ended on 2010/02/23

result: 1.3 IC50 for inhibition of protein phosphatase (ug microcystin LR / L)

Historical: mean: 1.3 std.dev: 0.2 cv(%): 16

warning limits: warning: 0.9 1.7 (lower and upper 95% confidence limit, two standard deviations)


control limits: control: 0.7 1.9 (lower and upper 99% confidence limit, three standard deviations)



The data and results are authorized and verified correct.



C. Ehman, B.Sc., Technical Lead



S. Krishnappa, B.Sc., Quality Coordinator

Our liability is limited to the cost of the test requested. The test results only relate to the sample as received. No liability in whole or in part is assumed for the collection, handling or transport of the sample, application or interpretation of the test data or results.

SRC ANALYTICAL

422 Downey Road
Saskatoon, Saskatchewan, Canada
S7N 4N1
(306) 933-6932 or 1-800-240-8808
Fax: (306) 933-7922

Feb 22, 2010

Exova
2712 - 37 Avenue NE
Bay 9
Calgary, Alberta T1Y 5L3
Attn: Client Services

Page 1 of 1

Sample # **5760** Client PO #: **128833**
Date Sampled: **Feb 17, 2010** Date Received: **Feb 19, 2010**
Sample Matrix: **WATER**
Description: **726815-4 CROSSFIELD**

Analyte	Units	Result	DL
Inorganic Chemistry			
NTA	mg/L	<0.1*	0.1

"<": not detected at level stated above.

* time between sampling and receipt in lab exceeds recommended 24 hours.

Your P.O. #: 128830
Your Project #: 726815

Attention: SASHA GALLANT

EXOVA
Bay 5, 2712-37 Ave. N.E.
Calgary, AB
CANADA T1Y 5L3

Report Date: 2010/02/24

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B009111


Received: 2010/02/18, 12:05

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Bromate	1	N/A	2010/02/19	CAL SOP-00040	SM 4110-B

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

 Cynny Hagen
24 Feb 2010 16:06:53 -07:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

CYNNY HAGEN, Project Manager
Email: Cynny.Hagen@MaxxamAnalytics.com
Phone# (403) 291-3077

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

Maxxam Job #: B009111
Report Date: 2010/02/24

EXOVA
Client Project #: 726815

Your P.O. #: 128830

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		S86168		
Sampling Date				
	Units	726815-4	RDL	QC Batch

Anions				
Dissolved Bromate	mg/L	<0.01	0.01	3752804
RDL = Reportable Detection Limit				

Maxxam Job #: B009111
Report Date: 2010/02/24

EXOVA
Client Project #: 726815

Your P.O. #: 128830

Package 1	7.0°C
-----------	-------

Each temperature is the average of up to three cooler temperatures taken at receipt

General Comments

Results relate only to the items tested.

EXOVA
Attention: SASHA GALLANT
Client Project #: 726815
P.O. #: 128830
Site Reference:

Quality Assurance Report
Maxxam Job Number: CB009111

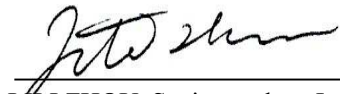
QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
3752804 SL5	Matrix Spike	Dissolved Bromate	2010/02/19		83	%	80 - 120
	Spiked Blank	Dissolved Bromate	2010/02/19		95	%	80 - 120
	Method Blank	Dissolved Bromate	2010/02/19	<0.01		mg/L	
	RPD	Dissolved Bromate	2010/02/19	NC		%	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.
 Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.
 Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.
 Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.
 NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

Validation Signature Page

Maxxam Job #: B009111

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



LILI ZHOU, Senior analyst, Inorganic department.

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

726815

Control Number **A080456**

Sample Information Sheet

NOTE: Proper completion of this form is required in order to proceed with analysis
See reverse for your nearest Bodycote location and proper sampling protocol

Billing Address: Company: <i>Mountain View Regional Water Services Commission (MVRWSC)</i> Address: <i>RR 1, Site 22, Box 1 Innisfail, Alberta T4G 1T6</i> Attention: <i>Wes Oltad</i> Phone: <i>(403) 227-5828</i> Fax: <i>(403) 227-5831</i> Cell: <i>(403) 227-348-6553</i> e-mail: <i>wo.mtn@telus.net</i>	Copy of Report To: Company: <i>See Billing</i> Address: Attention: Phone: Fax: Cell: e-mail:	Copy of Invoice: <input type="checkbox"/> Mail Invoice to this address for approval <input type="checkbox"/> Report Results: Fax <input type="checkbox"/> Mail <input type="checkbox"/> Courier <input type="checkbox"/> e-mail <input type="checkbox"/> e-Service <input type="checkbox"/>
QA/QC Report <input type="checkbox"/> Report Results: Fax <input type="checkbox"/> Mail <input type="checkbox"/> Courier <input type="checkbox"/> e-mail <input checked="" type="checkbox"/> e-Service <input type="checkbox"/>	Report Results: Fax <input type="checkbox"/> Mail <input type="checkbox"/> Courier <input type="checkbox"/> e-mail <input type="checkbox"/> e-Service <input type="checkbox"/>	

Information to be included on Report and Invoice Project ID: Project Name: Project Location: Legal Location: PO#: Proj. Acct. Code: Agreement ID:	Rush Please contact the laboratory to confirm rush dates and times before submitting samples. Upon filling out this section, client accepts that surcharges will be attached to this analysis RUSH All analysis As indicated required on: <input type="checkbox"/> or <input type="checkbox"/> Date Required: _____ Signature: _____ Bodycote Authorization: _____	Sample Custody (Please Print) Sampled by: <i>Wes Oltad</i> Company <i>MVRWSC</i> Signature <i>Wes Oltad</i> I authorize Bodycote to proceed with the work indicated on this form: Date: <i>1</i> Initial: Received by: <i>[Signature]</i> Sample Temp. °C Waybill # <i>88</i> Date <i>Feb. 17/10</i> Company <i>hrci del.</i> Time <i>12:35pm</i>
---	--	--

Special Instructions / Comments Please indicate which regulations you are required to meet: _____	FOR LAB USE ONLY Condition of containers / coolers upon arrival at lab <table border="1" style="width:100%; height: 100px;"> <tr> <td style="width:5%;">Number of Containers</td> <td style="width:10%;">THM's</td> <td style="width:10%;">See Attached</td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> </table>	Number of Containers	THM's	See Attached							
Number of Containers	THM's	See Attached									

Sample Identification	Location	Depth			Date/Time Sampled	Matrix	Sampling Method	Number of Containers	Enter tests above (✓ relevant samples below)														
		IN	CM	M					THM's	See Attached													
1 Plant Didsbury	Didsbury WTR	-	-	-	Feb. 17/10 10:40am	Water	Grab	3	✓														
2 MPR - Influent	MPR	-	-	-	Feb. 17/10 9:45am	Water	Grab	3	✓														
3 MPR - Effluent	MPR	-	-	-	Feb. 17/10 10:05am	Water	Grab	3	✓														
4 Crossfield	Crossfield	-	-	-	Feb. 17/10 11:20am	Water	Grab	8	✓	✓													
5		-	-	-																			
6		-	-	-																			
7		-	-	-																			
8		-	-	-																			
9		-	-	-																			
10		-	-	-																			
11		-	-	-																			
12		-	-	-																			
13		-	-	-																			
14		-	-	-																			
15		-	-	-																			

Form No. 0006 (Rev. 04/07)

SCHEDULE 4

Table of Physical, Inorganic chemicals, Organic chemicals and Pesticides

Substance	Specific Parameter	Substance	Specific Parameter
Physical Parameters (Primary and Secondary)	Colour; pH; Total Dissolved Solids	Organic Chemicals and Pesticides (Primary)	Atrazine + metabolites; Benzene; Benzo(a)pyrene; Bromoxynil; Carbon Tetrachloride; Chlorpyrifos; Cyanazine; Cyanobacterial toxins (as Microcystin – LR; Diazinon; Dicamba; 1,2-Dichlorobenzene; 1,4-Dichlorobenzene; 1,2-Dichlorethane; Dichloromethane; 2,4-Dichlorophenol; 2,4-D; Diclofop-methyl; Diuron; Dimethoate; Ethylbenzene; Glyphosate; Malathion; Methoxychlor; Metolachlor; Metribuzin; Monochlorobenzene; Nitrilotriacetic Acid (NTA); Pentachlorophenol; Picloram; Simazine; Terbufos; Tetrachloroethylene; 2,3,4,6-Tetrachlorophenol; Toluene; Triallate; Trichloroethylene; 2,4,6-Trichlorophenol; Trifluralin; and Vinyl Chloride.
Inorganic chemicals (Primary)	Antimony; Arsenic; Barium; Boron; Bromate; Cadmium; Chloramines; Chromium; Cyanide; Fluoride; Lead; Mercury; Nitrate; Nitrite; Selenium; and Uranium;		
Inorganic and Organic Chemicals (Secondary)	Aluminum; Ammonia; Calcium; Chloride; Copper; Total Hardness; Iron; Magnesium; Manganese; Silver; Sodium; Sulphate; Sulphide; Total Organic Carbon; Xylenes (total); and Zinc;		