CARO
ANALYTICAL SERVICES

REPORTED TO	Grand Forks, City of		
	PO Box 220	**TEL**	(250) 442-2434
	GRAND FORKS, BC V0H 1H0	**FAX**	(250) 442-8263
ATTENTION	Dean Chapman	**WORK ORDER**	4110071
PO NUMBER		**RECEIVED / TEMP**	Nov-04-14 09:05 / 8°C
PROJECT	Drinking Water	**REPORTED**	Nov-06-14
PROJECT INFO		**COC NUMBER**	40837.5581

General Comments:

CARO Analytical Services employs methods which are conducted according to procedures accepted by appropriate regulatory agencies, and/or are conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts, except where otherwise agreed to by the client.

The results in this report apply to the samples analyzed in accordance with the Chain of Custody or Sample Requisition document.   This analytical report must be reproduced in its entirety. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Samples will be disposed of 30 days after the test report has been issued unless otherwise agreed to in writing.

Issued By: **Kelsey Aalten, BASc For Jennifer Shanko, AScT**
Administration Coordinator

Please contact CARO if more information is needed or to provide feedback on our services.

Locations:

#110 4011 Viking Way	#102 3677 Highway 97N	17225 109 Avenue
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PROJECT	Drinking Water	

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Analysis Description	Method Reference	Technique	Location
E. coli (CCA)	APHA 9222 *	Membrane Filtration	Kelowna
Total Coliforms (CCA)	APHA 9222 *	Membrane Filtration	Kelowna

Note: An asterisk in the Method Reference indicates that the CARO method has been modified from the reference method

Method Reference Descriptions:

APHA	Standard Methods for the Examination of Water and Wastewater, 22nd Edition, American Public Health Association/American Water Works Association/Water Environment Federation

Glossary of Terms:

MRL	Method Reporting Limit
<	Less than the Reported Detection Limit (RDL) - the RDL may be higher than the MRL due to various factors such as dilutions, limited sample volume, high moisture, or interferences
AO	Aesthetic objective
MAC	Maximum acceptable concentration (health based)
OG	Operational guideline (treated water)
CFU/100 mL	Colony Forming Units per 100 millilitres

Standards / Guidelines Referenced in this Report:

Guidelines for Canadian Drinking Water Quality (2012)

Website: http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/2012-sum_guide-res_recom/index-eng.php

Note: In some cases, the values displayed on the report represent the lowest guideline and are to be verified by the end user

SAMPLE ANALYTICAL DATA

REPORTED TO Grand Forks, City of   **WORK ORDER** 4110071
PROJECT Drinking Water   **REPORTED** Nov-06-14

Analyte	Result / *Recovery*	Standard / Guideline	MRL / *Limits*	Units	Prepared	Analyzed	Notes
Sample ID: East Zone Reservoir (4110071-01) [Water] Sampled: Nov-03-14 08:10							
Microbiological Parameters							
Coliforms, Total	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
Sample ID: Valley Heights Booster Stn (4110071-02) [Water] Sampled: Nov-03-14 08:35							
Microbiological Parameters							
Coliforms, Total	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
Sample ID: Boundary Hospital (4110071-03) [Water] Sampled: Nov-03-14 07:42							
Microbiological Parameters							
Coliforms, Total	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
Sample ID: Well #3 (4110071-04) [Water] Sampled: Nov-03-14 08:00							
Microbiological Parameters							
Coliforms, Total	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	Nov-04-14	Nov-05-14	