

LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

CLIENT	Mid Shuswap Lumby Water Stewards	QUOTATION ID	RDNO Master Bid
PO NUMBER	Mid Shuswap Lumby Water Stewards	SUBMITTED BY	
PROJECT	Analytical Testing	COC NO.	40837.5581
PROJECT INFO	[none]		

By engaging our services, you are agreeing to CARO's Standard Terms and Conditions outlined here: <https://www.caro.ca/terms-conditions>

Receipt Details:

RECEIVED	2024-05-13 11:28	SAMPLES LOGGED IN	7
LOCATION	Kelowna Lab	LOGGED IN	2024-05-13 11:28
DISPOSAL DATE	6/12/2024	ACCOUNT MGR	Team CARO

Sample Condition Summary:

Quantity of Transport Vessels Received: 1

Receipt Temperature = 0.8°C

Broken Container(s)	No	Sampling Date(s) Missing	No	Incorrect Cont./Pres.	No	Custody Seals Intact	
Cooling Initiated	Yes	Sample(s) Frozen	No	Missing/Extra Samples	No	Documentation Issue	No
Environmental Sample(s) >10°C	No	Microbiological Sample(s) >8°C	No				

Note: Sample transport temperatures of less than 8°C for microbiological parameters and less than or equal to 10°C for environmental parameters is recommended. Samples that exceed these values will still be processed. However, please note that the analytical results may be affected, especially for samples collected prior to the day of receipt.

REPORT TO	Russ Collins Mid Shuswap Lumby Water Stewards 1631 Mable Lake Rd Lumby, BC V0E 2G6 Tel: (250) 547-2554	INCLUDE QC	No
		INCLUDE COC	No
		EXTRAS	Guidelines

INVOICE TO	Accounts Payable Regional District of North Okanagan 9848 Aberdeen Road Coldstream, BC V1B 2K9 Tel: (250) 550-3740	FREQUENCY	Monthly
		GST EXEMPT	No
		PAYMENT TERMS	COD
		MIN AMOUNT	N/A

Delivery Plan:

REPORT DUE 2024-05-23 17:00 (5-7 day TAT)

Contact Name	Email / Fax / Cellular	Login Notice	Report	Invoice	EDD	EDD Format	CC to	Fax	Text	Mail
Russ Collins	russcollins1@hotmail.com	✓	✓		✓	CARO Excel				
Accounts Payable	financeap@rdno.ca			✓			russcollins1@gmail.com			

Analysis Schedule:

Analysis / Version	Due	Expires ¹	Status ²	Comments
--------------------	-----	----------------------	---------------------	----------

LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

Analysis Schedule, Continued:

Analysis / Version	Due	Expires ¹	Status ²	Comments
Harris Creek (HWY 6) (24E1580-01) Matrix: Water Sampled: 2024-05-12 11:30 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	
Duteau Creek (HWY 6) (24E1580-02) Matrix: Water Sampled: 2024-05-12 11:15 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	
Mid Besette Creek (24E1580-03) Matrix: Water Sampled: 2024-05-12 10:35 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	

LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

Analysis Schedule, Continued:

Analysis / Version	Due	Expires ¹	Status ²	Comments
Mid Besette Creek (24E1580-03) Matrix: Water Sampled: 2024-05-12 10:35 , Continued				
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	
Lower Besette Creek (24E1580-04) Matrix: Water Sampled: 2024-05-12 10:15 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	
Shuswap River (Wilsey Dam) (24E1580-05) Matrix: Water Sampled: 2024-05-12 10:00 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	
Shuswap River (Odd Fellows) (24E1580-06) Matrix: Water Sampled: 2024-05-12 09:15 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	

LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

Analysis Schedule, Continued:

Analysis / Version	Due	Expires ¹	Status ²	Comments
Shuswap River (Odd Fellows) (24E1580-06) Matrix: Water Sampled: 2024-05-12 09:15 , Continued				
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	

Vance Creek (Mabel Lake Rd) (24E1580-07) Matrix: Water Sampled: 2024-05-12 10:55 				
Container(s) Submitted: <i>A = C11_1 L Plastic (General)</i> <i>B = C07_300 mL Plastic (Micro-S)</i> <i>C = C10_125 mL Plastic (H2SO4)</i> <i>D = S10_125 mL Plastic (H2SO4-F)</i> <i>E = C05_125 mL Plastic (Metals)</i> <i>F = C06_40 mL Vial (Mercury)</i>				
Ammonia, Total	2024-05-23	2024-06-09	Available	
Chloride	2024-05-23	2024-06-09	Available	
Coliforms & E. coli Package (MPN)	2024-05-23	2024-05-13	Available	
Conductivity	2024-05-23	2024-06-09	Available	
Nitrogen, Total Pkg (incl. TKN, NO3, NO2)	2024-05-23	2024-05-15	Available	
pH	2024-05-23	2024-05-12	Available	
Phosphorus, Total by Colorimetry	2024-05-23	2024-06-09	Available	
Phosphorus, Total Dissolved by Colorimetry	2024-05-23	2024-06-09	Available	
Sample Filtration, Nutrients (0.45 um + H2SO4)	2024-05-23	2024-05-15	Available	
Sulfate	2024-05-23	2024-06-09	Available	
Turbidity	2024-05-23	2024-05-15	Available	

¹ Red font indicates that the analysis has already or is about to expire. Note that all pH in water / Chlorine / Temperature / Dissolved Oxygen results will be automatically be qualified as they should be analyzed in the field for greatest accuracy.

² Subcontracted samples will be sent to a CARO-approved subcontract laboratory for testing, in accordance with our Terms and Conditions. For further information, please contact your account manager or teamcaro@caro.ca

Packages and their respective Analyses included in this Work Order:

Coliforms & E. coli Package (MPN)

Coliforms, Fecal (MPN)	Coliforms, Total (MPN)	E. coli (MPN)
------------------------	------------------------	---------------

Nitrogen, Total Pkg (incl. TKN, NO3, NO2)

Nitrate by IC	Nitrate+Nitrite (as N) (Calc)	Nitrite by IC
Nitrogen, Total (Calc)	Nitrogen, Total Kjeldahl	

LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

Each Analysis includes the following Analytes and their respective Reporting Limits [RLs]:

Ammonia, Total in Water	Reference Method: SM 4500-NH3 G* (2021)	Units: mg/L
Ammonia, Total (as N) [0.05]		
Anions by IC in Water	Reference Method: SM 4110 B (2020)	Units: mg/L
Nitrate (as N) [0.01] Nitrite (as N) [0.01]		
Chloride in Water	Reference Method: SM 4110 B (2020)	Units: mg/L
Chloride [0.1]		
Coliforms, Fecal (MPN) in Water	Reference Method: SM 9223 (2016)	Units: MPN/100 mL
Coliforms, Fecal (Q-Tray) [1]		
Coliforms, Total (MPN) in Water	Reference Method: SM 9223 (2016)	Units: MPN/100 mL
Coliforms, Total (Q-Tray) [1]		
Conductivity in Water	Reference Method: SM 2510 B (2021)	Units: uS/cm
Conductivity (EC) [2]		
E. coli (MPN) in Water	Reference Method: SM 9223 (2016)	Units: MPN/100 mL
E. coli (Q-Tray) [1]		
Nitrogen, Total Kjeldahl in Water	Reference Method: SM 4500-Norg D* (2021)	Units: mg/L
Nitrogen, Total Kjeldahl [0.05]		
pH in Water	Reference Method: SM 4500-H+ B (2021)	Units: pH units
pH [0.1]		
Phosphorus, Total by Colorimetry in Water	Reference Method: SM 4500-P B.5* (2011) / SM 4500-P F (2021)	Units: mg/L
Phosphorus, Total (as P) [0.005]		
Phosphorus, Total Dissolved by Colorimetry in Water	Reference Method: SM 4500-P B.5* (2011) / SM 4500-P F (2021)	Units: mg/L
Phosphorus, Total Dissolved [0.005]		
Sulfate in Water	Reference Method: SM 4110 B (2020)	Units: mg/L
Sulfate [1]		
Turbidity in Water	Reference Method: SM 2130 B (2020)	Units: NTU
Turbidity [0.1]		

Note: RLs on Final Report may be higher than expected due to: 1) limited sample volume, 2) high moisture, 3) analytical interferences



LOGIN NOTICE CONFIRMATION (Work Order 24E1580)

THIS IS NOT A REPORT

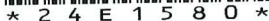
Need help reading your Login Notice? Check out this handy article:

<https://www.caro.ca/quick-guide-to-your-login-notice-how-to-review-your-sample-submission/>

Please verify that all of the information included in this Login Notice is correct. If there are any errors, omissions, or concerns, please contact us at 1-888-311-8846.

You can expect to receive the analytical report via email on or after the due date shown above.

Thank you for using CARO!



☐ 17225 - 109 AVENUE NW, EDMONTON, AB T5S 1H7
TEL: (780) 489-9100 FAX: (480) 489-9700

COC# 40837.5581 Page 1 of 1

Page 7 of 7

RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE: May 13
	TIME:	JD WI	TIME: 9:14
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
	TIME:		TIME:

REPORT TO:		INVOICE TO:	
COMPANY: <u>Mid Shuswap Lumby Water Stewards</u>		COMPANY: <u>RDNO</u>	
ADDRESS: <u></u>		ADDRESS: <u>9848 Aberdeen Rd</u>	
CONTACT: <u>Russ Collins</u>		CONTACT: <u>Leah Mellott</u>	
TEL / FAX: <u>250 547 0272</u>		TEL / FAX: <u>250 550 3722</u>	
EMAIL PDF ☒ <u>EDD</u>		EMAIL PDF ☒ <u></u>	
EMAIL 1: <u>russcollins1@hotmail.com</u>		EMAIL 1: <u>rick.fairbairn@rdno.ca</u>	
EMAIL 2: <u>rick.fairbairn@rdno.ca</u>		EMAIL 2: <u>russcollins1@hotmail.com</u>	
MAIL HARDCOPY ☐ HOLD FOR P/U ☐ FAX ☐		MAIL HARDCOPY ☐ HOLD FOR P/U ☐	

PROJECT: Mid Shu Lumby	PROJECT INFO:	PO #:
SAMPLED BY:	SHIPPING INSTRUCTIONS: RETURN COOLER(S) ☒ SHIP SUPPLIES (PLEASE SPECIFY IN OTHER INSTRUCTIONS SECTION) ☐	

ANALYSES REQUESTED:

[illegible]

APPLICABLE REGULATORY LIMITS:
 Canadian Drinking Water Quality Guidelines ☐
 BC Drinking Water Protection Act/Reg. ☐
 BC CSR: AL ☐ RL ☐ CL ☐ IL ☐ AW ☐
 CCME ☐ Alberta Tier 1 ☐
 OTHER:

SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified):
 60 Days ☐ 90 Days ☐ Longer Date (Surcharges will apply): _____

OTHER INSTRUCTIONS:
Please send results in excel and pdf format

PAYMENT Cheque ☐ Credit ☐ Debit ☐ Cash ☐ Invoice ☒	SAMPLE RECEIPT TEMP (°C): <u>0.8</u>
	Work Order # _____
	CUSTODY SEALS INTACT: ☐ Y ☐ N ☐ NA

