



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

April 19, 2023

1301 Academy St.  
Fort Collins, CO 80525  
315-657-4720  
lglazier@cgrs.com

**Project Manager :** Lauren Glazier  
**Project Name :** Timka Rule 806 Sampling  
**Project Number :** N/A

Attached are the analytical results for Timka Rule 806 Sampling N/A received by Elevation Diagnostics, Division of Environmental Testing on March 31, 2023. This is associated with Elevation's number AA00633 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing

Kristen Gracom  
Laboratory Director  
CSO,CCO

# Chain of Custody Form

# Elevation Diagnostics

2715 North Scranton Street Suite 3040A Aurora, CO 80013  
800.440.5184

Client: COLS  
Address: 1301 Academy Ct.  
City/State/ZIP: Fort Collins CO 80525  
Phone: 315-657-4720  
Project Contact: LGLAZIER@COLS.COM

Project Name: TIMLA BLUE BOX SAMPLING  
Project Location: \_\_\_\_\_  
Collector Name: \_\_\_\_\_

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix	Analysis Requested	Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Relinquished By: Alana Rusch Date/Time: 2:00 PM 3/30/23

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Scan to Deliver Samples

Lab Use Only

Observed Temperature Upon Receipt: 2.5°C  
Corrected Temperature Upon Receipt: 4.2°C  
Thermometer #: EDX EQ 238  
Correction Factor: 12°C

Samples Intact: Yes No  
pH Checked: Yes No  
pH Adjusted: Yes No  
Name/Lot Number of Adjustment: Nitric Acid - 2.2140189

2023 - 03 - 31 - 002

**Division of Environmental Testing**

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Aurora, CO 80045

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**FINAL RESULTS REPORT****Report Date :** 4/19/2023**Report Time :** 14:10**REPORT TO**

1301 Academy St.  
Fort Collins, CO 80525  
315-657-4720  
lglaazier@cgrs.com

**Project Manager :** Lauren Glazier  
**Project Name :** Timka Rule 806 Sampling  
**Project Number :** N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
AA00633-1	Rickie A Wood Collected : 03/30/2023 09:00	RA 226					
		04/19/2023 08:25		2.60 - I	pCi/L	1.00	EPA 903.1
		RA 228					
		04/19/2023 08:25		1.74 - I	pCi/L	3.00	EPA 904.0
AA00633-2	Rickie A Wood Collected : 03/30/2023 09:00	Diesel Range Organic					
		04/07/2023 15:22		Not Detected - I	mg/L	5.0	EPA 8015M
		Gasoline Range Organic					
		04/07/2023 15:22	100.00	Not Detected - I	µg/L	50000	EPA 8260B
AA00633-3	Rickie A Wood Collected : 03/30/2023 09:00	Oil Range Organic					
		04/07/2023 15:22		Not Detected - I	mg/L	5.0	EPA 8015M
		BTX - Xylenes					
		04/07/2023 15:22	100.00	2200 - I	µg/L	200	EPA 8260B
AA00633-3	Rickie A Wood Collected : 03/30/2023 09:00	BTX - o-Xylene					
		04/07/2023 15:22	100.00	790 - I	µg/L	100	EPA 8260B
		BTX - Naphthalene					
		04/07/2023 15:22	100.00	Not Detected - I	µg/L	100	EPA 8260B
AA00633-3	Rickie A Wood Collected : 03/30/2023 09:00	BTX - Toluene					
		04/07/2023 15:22	100.00	2600 - I	µg/L	100	EPA 8260B
		BTX - Ethylbenzene					
		04/07/2023 15:22	100.00	370 - I	µg/L	100	EPA 8260B
AA00633-3	Rickie A Wood Collected : 03/30/2023 09:00	BTX - Benzene					
		04/07/2023 15:22	100.00	480 - I	µg/L	100	EPA 8260B

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lglaizer@cgrs.com

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**Project Number :** N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
AA00633-4	Rickie A Wood Collected : 03/30/2023 09:00	BTEX - m&p-Xylene					
		04/07/2023 15:22	100.00	1400 - I	µg/L	200	EPA 8260B
		Total Metals, Aqueous - Manganese					
		04/03/2023 18:53	10.00	31.090	µg/L	0.050	EPA3010A&3005A
		Total Metals, Aqueous - Calcium					
		04/03/2023 18:53	10.00	1435.105	µg/L	25.000	EPA3010A&3005A
		Total Metals, Aqueous - Boron					
		04/03/2023 18:53	100.00	6626.786	µg/L	25.000	EPA3010A&3005A
		Total Metals, Aqueous - Sodium					
		04/03/2023 18:53	10,000.00	2727691.472	µg/L	25.000	EPA3010A&3005A
		Total Metals, Aqueous - Magnesium					
		04/03/2023 18:53	10.00	1763.948	µg/L	25.000	EPA3010A&3005A
		Total Metals, Aqueous - Phosphorous					
		04/03/2023 18:53	10.00	37.470	µg/L	10.000	EPA3010A&3005A
AA00633-5	Rickie A Wood Collected : 03/30/2023 09:00	Total Metals, Aqueous - Iron					
		04/03/2023 18:53	10.00	1050.479	µg/L	20.000	EPA3010A&3005A
		Total Metals, Aqueous - Selenium					
		04/03/2023 18:53	10.00	<1	µg/L	1.000	EPA3010A&3005A
		Total Metals, Aqueous - Strontium					
		04/03/2023 18:53	10.00	1025.394	µg/L	0.025	EPA3010A&3005A
		Total Metals, Aqueous - Barium					
		04/03/2023 18:53	10.00	828.118	µg/L	0.025	EPA3010A&3005A
		Total Metals, Aqueous - Potassium					
		04/03/2023 18:53	100.00	8050.194	µg/L	25.000	EPA3010A&3005A

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Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
		Bromide					
		04/07/2023 15:22	200.00	Not Detected - I	mg/L	40.0	EPA 300.0
		Chloride					
		04/07/2023 15:22	400.00	2610 - I	mg/L	24.0	EPA 300.0
		Nitrate & Nitrite as Nitrogen, Summation					
		04/07/2023 15:22	50.00	Not Detected - I	mg/L		EPA 300.0
		Nitrate as Nitrogen					
		04/07/2023 15:22	50.00	Not Detected - I	mg/L	2.50	EPA 300.0
		Nitrite as Nitrogen					
		04/07/2023 15:22	50.00	Not Detected - I	mg/L	3.00	EPA 300.0
		Sulfate					
		04/07/2023 15:22	20.00	21.6 - I	mg/L	6.00	EPA 300.0
<b>AA00633-6</b>		Rickie A Wood					
		Collected : 03/30/2023 09:00					
		Alkalinity					
		04/03/2023 12:52		1944.7	g CaCO <sub>3</sub>		SM 2320B
		Bicarbonate Alkalinity					
		04/19/2023 13:38		1944.71	g CaCO <sub>3</sub>		SM 2320B
		Carbonate Alkalinity					
		04/19/2023 13:39		0	g CaCO <sub>3</sub>		SM 2320B
		Conductivity					
		04/03/2023 11:47		10760	µS/cm	20	EPA 9050A
		Fluoride					
		03/31/2023 15:55		2.454	mg/L	0.10	HACH 10225
		pH, Water					
		03/31/2023 14:57		7.70 - H1	S.U.	0.01	EPA9040C, EPA150.1
		pH, Water Temperature					
		03/31/2023 14:57		17.7	°C		

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**Project Number :** N/A

Sample ID	Customer ID	Analyte Name Analysis Start	Dilution	Result	Units	Reporting Limit	Method Reference
Total Dissolved Solids							
		04/04/2023 12:39		7386.0	mg/L	0.1	SM2540C, EPA160.1
Total Suspended Solids							
		04/04/2023 21:15		6.0	mg/L	0.1	SM2540D

<u>Qualifier</u>	<u>Explanation</u>
H1	Sample received outside of regulatory holding time.
H2	Sample analyzed outside of regulatory holding time due to a laboratory error.
P1	Sample received outside temperature requirements, 0-6°C.
P2	Sample received unpreserved.
P3	Broken or leaking sample container.
P4	Sample improperly collected or incorrectly preserved.
B1	Blank failed high, indicating possible high bias in sample results.
B2	Blank failed low, indicating possible low bias in sample results.
MS	Matrix Spike / Matrix Spike Duplicate recovery and/or RSD limit exceeded, indicating potential matrix interference.
D1	Duplicate RPD limit exceeded due to low sample concentration.
D2	Duplicate RPD limit exceeded due to matrix interference.
S	Surrogate recovery failed, indicating potential matrix interference.
RL1	Reporting limits raised due to matrix interference.
RL2	Reporting limits raised due to limited sample.
U	Sample result less than method detection limit.
J	Sample result less than reporting limit but higher than method detection limit.
E	Electronic loss or corruption of data.
I	Subcontracted sample