



TECHNOLOGY LABORATORY, INC.

CENTRE PROFESSIONAL PARK

1012 Centre Avenue
Fort Collins, Colorado 80526
(970) 490-1414

CERTIFICATE OF ANALYSIS

Fritzler Resources
300 E Burlington Ave
Fort Morgan, CO 80701

Sample ID: Badger

Laboratory ID: C5963-01

Sampled: 10/26/23

Received: 10/27/23

Project No.: Badger

Matrix: Water

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	0.966	mg/L	0.001	EPA-8260B	11/02/23
108-88-3	Toluene	2.93	mg/L	0.001	EPA-8260B	11/02/23
100-41-4	Ethylbenzene	0.267	mg/L	0.001	EPA-8260B	11/02/23
1330-20-7	Total Xylenes	1.69	mg/L	0.001	EPA-8260B	11/02/23
N/A	GRO (TVPH)	8.50	mg/L	0.5	EPA-8260B	11/02/23

QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	104	68-120
Toluene-d8	103	81-128
Bromofluorobenzene	102	70-113

Katrina L. Alsum

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Laboratory Director
Technology Laboratory, Inc.

The results contained in this report
relate only to those items tested.



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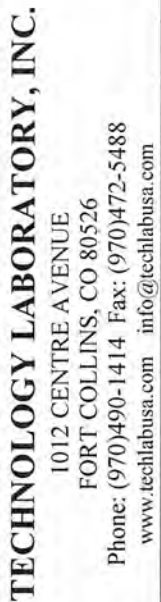
Project No.: Badger
Matrix: Water

CAS Number	Parameter	Result	Units	MDL	Method	Date Analyzed
N/A	Nitrate+Nitrite as N (Calc)	6.35	mg/L	0.05	Calculation	10/30/23
7440-39-3	Total Barium	0.701	mg/L	0.08	EPA-6010B	11/03/23
7440-42-8	Total Boron	14.5	mg/L	0.1	EPA-6010B	11/03/23
7440-70-2	Total Calcium	16.7	mg/L	0.5	EPA-6010B	11/03/23
7439-89-6	Total Iron	0.128	mg/L	0.02	EPA-6010B	11/03/23
7439-95-4	Total Magnesium	4.21	mg/L	2	EPA-6010B	11/03/23
7439-96-5	Total Manganese	< 0.09	mg/L	0.09	EPA-6010B	11/03/23
7440-09-7	Total Potassium	15.3	mg/L	1	EPA-6010B	11/03/23
7440-23-5	Total Sodium	3500	mg/L	3	EPA-6010B	11/03/23
7440-24-6	Total Strontium	3.01	mg/L	0.07	EPA-6010B	11/03/23
7782-49-2	Total Selenium	< 0.09	mg/L	0.09	EPA-6010B	11/03/23
N/A	DRO (TEPH)	2.91	mg/L	0.5	EPA-8015B	11/04/23
N/A	Specific Conductance	15830	µohms/cm @ 25°C		EPA-9050A	11/01/23
7726-95-6	Bromide	10.2	mg/L	0.05	EPA-9056A	10/27/23
16887-00-6	Chloride	11537	mg/L	1	EPA-9056A	11/01/23
16984-48-8	Fluoride	21.6	mg/L	0.05	EPA-9056A	10/27/23
84145-82-4	Nitrate-N	6.10	mg/L	0.1	EPA-9056A	10/27/23
14797-65-0	Nitrite-N	0.251	mg/L	0.05	EPA-9056A	10/27/23
18785-72-3	Sulfate	13.4	mg/L	0.05	EPA-9056A	10/27/23
N/A	Total Dissolved Solids (TDS)	8966	mg/L	5	SM-2540 C	11/01/23
N/A	TSS	< 5.0	mg/L	5	SM-2540 D	11/01/23
98059-61-1	Phosphate Ortho	< 0.05	mg/L	0.05	SM-4110	10/27/23
N/A	pH	7.82	Units		SM-4500 HB	11/01/23
N/A	Nitrate+Nitrite as N	< 0.3	mg/L	0.3	SM-4500-NO3F	11/14/23

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W.O. NUMBER

C5963

141

CHAIN-OF-CUSTODY REPORT

COMPANY NAME		Fritzler Resources							
PROJECT MANAGER		Gene Fritzler							
PROJECT NUMBER									
PROJECT LOCATION OR NAME		Badger							
SAMPLER'S SIGNATURE									
SAMPLE ID	DATE/TIME SAMPLED								
01 Badger	10/26/23 1:30								
SAMPLE MATRIX: SOIL (S) AIR (A)		W							
NUMBER OF CONTAINERS		8							
BTEX / TVPH (C6-C10)		X							
TPH (C10-C36)		X							
OIL & GREASE									
VOC 8260 (TOTAL)									
SVOC 625 / 8270 / PAH (TOTAL / TCLP)									
pH / TSS / TDS / Conductivity		X							
Bicarbonate Alkalinity, Carbonate Alkalinity, and Total Alkalinity (as CaCO3)									
React. / Ignite. / Corr. / Paint Filt.									
BTEX/TVPH Emissions Vapor									
TO-14 / TO-15 / TVPH Vapor									
NITRATE / NITRITE / AMMONIA									
5-day BOD / COD									
PCBs									
Total B, Ba, Fe, Mn, Se, Sr		X							
Bromide, Chloride, Fluoride, Sulfate, Ortho-phosphate, Nitrate, Nitrite, NO3+NO2*		X							
Total Ca, Mg, K, Na		X							
226Ra and 228Ra (send to external lab)		X							
OTHER									
HOLD AFTER ANALYSIS		*see Table 3-1							
HOLD, DON'T ANALYZE									

PAGE 1 OF 1	NPDES PERMIT? YES X NO		LOGGED IN BY:		Sample <input checked="" type="checkbox"/> ≤ 6° C Preservative: <input checked="" type="checkbox"/> Acid	<input type="checkbox"/> None <input type="checkbox"/> Filtered <input type="checkbox"/> Other
COMMENTS:						
RELINQUISHED BY:						
DATE: 10-27-23						
TIME: 2:45						
COMPANY: Fritzler Co						
RELINQUISHED BY:						
DATE:						
TIME:						

<input checked="" type="checkbox"/> Normal (≤10 Working Days) <input type="checkbox"/> 3 Day (1.5 x Normal Rates) <input type="checkbox"/> Next Day (2 x Normal Rates) <input type="checkbox"/> Same Day (4 x Normal Rates)	TURNAROUND TIME
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