



9/10/2020

Great Western Operating Company, LLC
 1001 17th Street, Suite 2000
 Denver, Colorado 80202

RE: Form 27 Supplemental – Flessner 9 Production Facility Saline-Sodic Soil Sampling Summary Letter

On July 22, 2020, Great Western Operating Company, LLC (Great Western) contracted a Duraroot, LLC (Duraroot) Certified Professional Soil Scientist to conduct soil sampling and site assessment activities at the Flessner 9 production facility and former skimming pond areas. Site conditions were documented, and two soil samples were collected from the areas where crop growth appeared to be the most stressed. Two discrete soil samples were collected at a depth of 6.0-inches below the ground surface. Those two soil samples were shipped to Energy Laboratories, Inc. in Helena, Montana for saline-sodic soil analyses. Soil samples were previously collected from these areas during the November 18, 2019 site assessment. The attached Figure 1 illustrates the soil sample locations.

Soil sample results have been provided in the Table below with the results from the November 18, 2019 site assessment used for comparative analysis. Soil electrical conductivity (EC) levels in S1 decreased from 13.5 to 11.8 mmhos/cm and increased in S2 from 8.1 to 10.2 mmhos/cm based on the results from the November 18, 2019 site assessment. Soil EC is a measure of soluble salts in the soil profile. Given the hot and dry weather conditions this year, it makes sense that the soluble salts in the soil profile at the Flessner 9 location would rise to the soil surface during the evaporation of soil moisture during the summer months. Soil sodium adsorption ratio (SAR) levels in both S1 and S2 have significantly decreased since the November 18, 2019 site assessment. SAR decreased in S1 from 54.9 to 29.8 and decreased in S2 from 33.8 to 19.0. Exchangeable sodium percentages (ESP) increased in S1 from 31.6 to 39.5% and decreased in S2 from 43.5 to 28.3% based on results from the November 18, 2019 site assessment. A copy of the laboratory analytical report from the July 13, 2020 soil sampling event is attached.

Sample ID	Coordinates	Depth
S1	39.947147, -103.696267	6.0-inches
S2	39.947142, -103.695858	6.0-inches

Sample ID	CEC	pH	EC	Calcium	Magnesium	Sodium	SAR	ESP
	meq/100g		mmhos/cm	meq/L				%
November 18, 2019								
S1 (0-6")	25.0	7.8	13.5	22.7	11.3	226	54.9	31.6
S2 (0-6")	23.6	7.9	8.1	3.91	1.23	54.3	33.8	43.5
July 22, 2020								
S1 (0-6")	24.2	7.9	11.8	21.8	3.3	105	29.8	39.5
S2 (0-6")	32.6	7.8	10.2	25.1	7.7	77.2	19.0	28.3

Based on the significant decrease in SAR levels coupled with the hot and dry weather conditions this year, Great Western proposes to continue to monitor this location for comparative surface vegetative coverage and will routinely collect soil samples to track and monitor saline-sodic soil conditions. The next round of soil sampling will be collected from the same locations as summarized above in the Spring of 2021 after the area receives rainfall and snowmelt from the upcoming fall, winter, and springs seasons. Following the receipt of the laboratory analytical report, sample results will be reported, and the sampling schedule will be updated on a Supplemental Form 27.

If you have any questions or concerns, please feel free to contact me at your convenience.

Sincerely,

Jason Davidson, PG
 Senior EHS Specialist



PROJECT NO:
 DRAWN BY: JED
 DATE: 9/10/2020

Flessner 9
 Soil Sample Locations – November 18, 2019 and July 22, 2020
 SWSE 19 T1S R56W
 Washington County, Colorado



1001 17th Street, Suite 2000
 Denver, CO 80202
 TEL. 303-398-0302

FIGURE
 1



ANALYTICAL SUMMARY REPORT

August 25, 2020

Duraroot
4626 WCR65
Keenesberg, CO 80643-8731

Work Order: H20080007 Quote ID: H1868

Project Name: Flessner 9

Energy Laboratories Inc Helena MT received the following 2 samples for Duraroot on 8/3/2020 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H20080007-001	Flessner 1	07/22/20 12:00	08/03/20	Soil	Cation Exchange Capacity Metals, NH4OAC Extractable Metals, Saturated Paste Conductivity, Saturated Paste Extract Exchangeable Sodium Percentage pH, Saturated Paste NH4AC Soil Extraction for CEC USDA19 KCL Soil Extract ASA33-3 NaHCO3 Soil Extract ASA24-5 Ammonium Acetate Extraction ASA13-3 Total Organic Matter Prep ASA29-3 Particle Size Analysis / Texture Prep ASA15-5 Saturated Paste Extraction ASA Particle Size Analysis / Texture Sodium Adsorption Ratio Saturation Percentage Soil Preparation USDA1
H20080007-002	Flessner 2	07/22/20 12:10	08/03/20	Soil	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 3161 E. Lyndale Ave., Helena, MT 59604, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By:



LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

Client: Duraroot
Project: Flessner 9
Workorder: H20080007

Report Date: 08/25/20
Date Received: 08/03/20

Sample ID	Client Sample ID	Analysis		Sand	Silt	Clay	Texture	Percent Sat	pH-SatPst	Cond-SatPst	Ca-SatPst-Sat Paste	Mg-SatPst-Sat Paste	Na-SatPst-Sat Paste	SAR
		Units		%	%	%		%	s_u_	mmhos/cm	meq/L	meq/L	meq/L	unitless
		Up	Low	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
H20080007-001	Flessner 1	0	0	26	48	26	L	54.8	7.9	11.8	21.8	3.3	105	29.8
H20080007-002	Flessner 2	0	0	22	46	32	CL	60.4	7.8	10.2	25.1	7.7	77.2	19.0



LABORATORY ANALYTICAL REPORT
Prepared by Helena, MT Branch

Client: Duraroot
Project: Flessner 9
Workorder: H20080007

Report Date: 08/25/20
Date Received: 08/03/20

Sample ID	Client Sample ID	Analysis		Na-	Na-Ext-	CEC	ESP
		Units		NH4OAC	NH4OAC		
		Up	Low	mg/kg	meq/100g	meq/100g	%
		Results	Results	Results	Results		
H20080007-001	Flessner 1	0	0	3520	15.3	24.2	39.5
H20080007-002	Flessner 2	0	0	3190	13.9	32.6	28.3



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASA10-3							Analytical Run: SOIL EC_200813A		
Lab ID: ICV_1_200811_1 Conductivity, sat. paste	Initial Calibration Verification Standard 1.41 mmhos/cm		0.10	100	90	110			08/12/20 10:37
Lab ID: CCV_1_200811_1 Conductivity, sat. paste	Continuing Calibration Verification Standard 4.98 mmhos/cm		0.10	100	90	110			08/12/20 10:38
Lab ID: CCV1_1_200811_1 Conductivity, sat. paste	Continuing Calibration Verification Standard 0.928 mmhos/cm		0.10	93	90	110			08/12/20 10:39
Lab ID: CCV_3_200811_1 Conductivity, sat. paste	Continuing Calibration Verification Standard 4.92 mmhos/cm		0.10	98	90	110			08/12/20 10:54
Lab ID: CCV_4_200811_1 Conductivity, sat. paste	Continuing Calibration Verification Standard 4.89 mmhos/cm		0.10	98	90	110			08/12/20 10:59
Method: ASA10-3							Batch: 52523		
Lab ID: MB-52523 Conductivity, sat. paste	Method Blank ND mmhos/cm		0.05						Run: SOIL EC_200813A 08/12/20 10:40
Lab ID: LCS-52523 Conductivity, sat. paste	Laboratory Control Sample 4.08 mmhos/cm		0.10	97	80	120			Run: SOIL EC_200813A 08/12/20 10:40
Lab ID: H20080007-002ADUP Conductivity, sat. paste	Sample Duplicate 10.5 mmhos/cm		0.10				3.0	20	Run: SOIL EC_200813A 08/12/20 10:59

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASA10-3							al Run: SOIL PH METER - ORION A211_200813A		
Lab ID: ICV_1_200811_1 pH, sat. paste	Initial Calibration Verification Standard 10.0	s.u.	0.10	100	99	101			08/12/20 08:22
Lab ID: CCV_1_200811_1 pH, sat. paste	Continuing Calibration Verification Standard 7.04	s.u.	0.10	101	98.6	101.4			08/12/20 08:22
Lab ID: CCV1_1_200811_1 pH, sat. paste	Continuing Calibration Verification Standard 4.02	s.u.	0.10	100	97.5	102.5			08/12/20 08:23
Lab ID: CCV_3_200811_1 pH, sat. paste	Continuing Calibration Verification Standard 7.03	s.u.	0.10	100	98.6	101.4			08/12/20 08:39
Lab ID: CCV_4_200811_1 pH, sat. paste	Continuing Calibration Verification Standard 7.04	s.u.	0.10	101	98.6	101.4			08/12/20 08:45
Method: ASA10-3							Batch: 52523		
Lab ID: LCS-52523 pH, sat. paste	Laboratory Control Sample 8.12	s.u.	0.10	101	95	105			Run: SOIL PH METER - ORION A2 08/12/20 08:24
Lab ID: H20080007-002ADUP pH, sat. paste	Sample Duplicate 7.79	s.u.	0.10				0.1	20	Run: SOIL PH METER - ORION A2 08/12/20 08:44

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASA15-5									Batch: 52586
Lab ID: H20080007-002ADUP	Sample Duplicate								Run: SOIL HYDROMETER_200811 08/10/20 15:28
Sand	24.0	%	1.0				8.7	20	
Silt	45.0	%	1.0				2.2	20	
Clay	31.0	%	1.0				3.2	20	
Texture	CL		1.0						
Lab ID: LCS-52586	Laboratory Control Sample								Run: SOIL HYDROMETER_200811 08/10/20 15:28
Sand	44.0	%	1.0	105	70	130			
Silt	32.0	%	1.0	100	70	130			
Clay	24.0	%	1.0	92	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B							Analytical Run: ICP2-HE_200812B		
Lab ID: ICV	Initial Calibration Verification Standard							08/12/20 09:43	
Calcium	40.0	mg/L	1.0	100	90	110			
Magnesium	39.1	mg/L	1.0	98	90	110			
Sodium	40.3	mg/L	1.0	101	90	110			
Lab ID: CCV	Continuing Calibration Verification Standard							08/12/20 09:47	
Calcium	25.0	mg/L	1.0	100	90	110			
Magnesium	24.4	mg/L	1.0	98	90	110			
Sodium	26.2	mg/L	1.0	105	90	110			
Lab ID: CCB	Initial Calibration Blank, Instrument Blank							08/12/20 09:50	
Calcium	0.0267	mg/L	1.0		0	0			
Magnesium	0.0998	mg/L	1.0		0	0			
Sodium	0.0110	mg/L	1.0		0	0			
Lab ID: ICSA	Interference Check Sample A							08/12/20 09:58	
Calcium	458	mg/L	1.0	92	80	120			
Magnesium	508	mg/L	1.0	102	80	120			
Sodium	0.0292	mg/L	1.0		0	0			
Lab ID: ICSAB	Interference Check Sample AB							08/12/20 10:02	
Calcium	468	mg/L	1.0	94	80	120			
Magnesium	522	mg/L	1.0	104	80	120			
Sodium	20.5	mg/L	1.0	103	80	120			
Lab ID: CCV	Continuing Calibration Verification Standard							08/13/20 08:55	
Calcium	23.4	mg/L	1.0	94	90	110			
Magnesium	23.3	mg/L	1.0	93	90	110			
Sodium	23.6	mg/L	1.0	94	90	110			
Lab ID: CCB	Continuing Calibration Blank							08/13/20 08:59	
Calcium	0.0396	mg/L	1.0						
Magnesium	0.0983	mg/L	1.0						
Sodium	0.0239	mg/L	1.0						
Method: SW6010B							Batch: 52520		
Lab ID: MB-52520	Method Blank				Run: ICP2-HE_200812B		08/12/20 17:34		
Sodium	6	mg/kg	0.3						
Sodium, Extractable	0.03	meq/100g	0.001						
Lab ID: LCS-52520	Laboratory Control Sample				Run: ICP2-HE_200812B		08/12/20 17:41		
Sodium	911	mg/kg	1.0	96	70	130			
Sodium, Extractable	3.96	meq/100g	0.0044	96	70	130			
Lab ID: H20070744-001AMS2	Sample Matrix Spike				Run: ICP2-HE_200812B		08/12/20 18:26		
Sodium	4960	mg/kg	2.6	123	75	125			
Sodium, Extractable	21.6	meq/100g	0.011	123	75	125			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B Batch: 52520									
Lab ID: H20070744-001AMS2	Sample Matrix Spike								
									Run: ICP2-HE_200812B 08/12/20 18:26
Lab ID: H20070744-001AMSD2	Sample Matrix Spike Duplicate								Run: ICP2-HE_200812B 08/12/20 18:30
Sodium	4930	mg/kg	2.6	122	75	125	0.5	20	
Sodium, Extractable	21.5	meq/100g	0.011	122	75	125	0.5	20	
Lab ID: H20080007-002Adup	Sample Duplicate								Run: ICP2-HE_200812B 08/12/20 18:56
Sodium	3210	mg/kg	1.0				0.3	20	
Sodium, Extractable	13.9	meq/100g	0.0044				0.3	20	
Method: SW6010B Batch: 52523									
Lab ID: MB-52523	Method Blank								Run: ICP2-HE_200812B 08/13/20 03:12
Calcium	ND	mg/L	0.08						
Magnesium	ND	mg/L	0.2						
Sodium	ND	mg/L	0.05						
Calcium, sat. paste	ND	meq/L	0.004						
Magnesium, sat. paste	ND	meq/L	0.01						
Sodium, sat. paste	ND	meq/L	0.002						
Lab ID: LFB-52523	Laboratory Fortified Blank								Run: ICP2-HE_200812B 08/13/20 03:16
Calcium	50.6	mg/L	1.0	101	80	120			
Magnesium	49.2	mg/L	1.0	98	80	120			
Sodium	48.9	mg/L	1.0	98	80	120			
Calcium, sat. paste	2.52	meq/L	0.050	101	80	120			
Magnesium, sat. paste	4.05	meq/L	0.082	98	80	120			
Sodium, sat. paste	2.13	meq/L	0.043	98	80	120			
Lab ID: LCS-52523	Laboratory Control Sample								Run: ICP2-HE_200812B 08/13/20 03:20
Calcium	217	mg/L	1.0	99	70	130			
Magnesium	79.7	mg/L	1.0	94	70	130			
Sodium	644	mg/L	1.0	105	70	130			
Calcium, sat. paste	10.8	meq/L	0.050	99	70	130			
Magnesium, sat. paste	6.56	meq/L	0.082	94	70	130			
Sodium, sat. paste	28.0	meq/L	0.043	105	70	130			
Lab ID: H20080007-002Adup	Sample Duplicate								Run: ICP2-HE_200812B 08/13/20 04:51
Calcium	513	mg/L	1.0				1.9	30	
Magnesium	95.4	mg/L	1.6				1.3	30	
Sodium	1840	mg/L	1.0				3.8	30	
Calcium, sat. paste	25.6	meq/L	0.050				1.9	30	
Magnesium, sat. paste	7.85	meq/L	0.13				1.3	30	
Sodium, sat. paste	80.1	meq/L	0.043				3.8	30	
Method: SW6010B Batch: 52574									
Lab ID: MB-52574	Method Blank								Run: ICP2-HE_200812B 08/13/20 07:24
Sodium	0.7	mg/kg	0.3						

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B									Batch: 52574
Lab ID: MB-52574	Method Blank								Run: ICP2-HE_200812B 08/13/20 07:24
Cation Exchange Capacity	0.06	meq/100g	0.02						
Lab ID: LFB-52574	Laboratory Fortified Blank								Run: ICP2-HE_200812B 08/13/20 07:28
Sodium	272	mg/kg	1.0	109	80	120			
Lab ID: LCS-52574	Laboratory Control Sample								Run: ICP2-HE_200812B 08/13/20 07:31
Sodium	277	mg/kg	1.0	95	70	130			
Cation Exchange Capacity	24.1	meq/100g	0.087	95	70	130			
Lab ID: H20070799-019AMS2	Sample Matrix Spike								Run: ICP2-HE_200812B 08/13/20 07:50
Sodium	333	mg/kg	1.0	110	75	125			
Cation Exchange Capacity	29.0	meq/100g	0.087	110	75	125			
Lab ID: H20070799-019AMSD2	Sample Matrix Spike Duplicate								Run: ICP2-HE_200812B 08/13/20 07:54
Sodium	322	mg/kg	1.0	105	75	125	3.5	20	
Cation Exchange Capacity	28.0	meq/100g	0.087	105	75	125	3.5	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: USDA20b							Batch: 52523		
Lab ID: H20080007-002ADUP	Sample Duplicate					Run: SOIL CALC_200813A		08/13/20 15:43	
Sodium Adsorption Ratio (SAR)	19.6	unitless	0.10				2.9	30	
Lab ID: LCS-52523	Laboratory Control Sample					Run: SOIL CALC_200813A		08/13/20 15:43	
Sodium Adsorption Ratio (SAR)	9.50	unitless	0.10	108	80	120			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Helena, MT Branch

Client: Duraroot

Work Order: H20080007

Report Date: 08/25/20

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: USDA27a									Batch: 52523
Lab ID: LCS-52523	Laboratory Control Sample								Run: SOIL DRYING OVEN 2_20081 08/12/20 07:39
Saturation	41.0	%	0.10	99	80	120			
Lab ID: H20080007-002ADUP	Sample Duplicate								Run: SOIL DRYING OVEN 2_20081 08/12/20 07:42
Saturation	59.9	%	0.10				0.8	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Work Order Receipt Checklist

Duraroot

H20080007

Login completed by: Elizabeth E. Hodgson

Date Received: 8/3/2020

Reviewed by: BL2000\wjohnson

Received by: wjj

Reviewed Date: 8/21/2020

Carrier name: Priority US Mail

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	24.2°C No Ice		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

Contact and Corrective Action Comments:

No date or time on sample bags. EH 8/3/2020



Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Page 1 of 1

Account Information (Billing Information)

Company Name: **JAMES HARTSIG / DURAROOT**
 Contact: **JAMES HARTSIG**
 Phone: **970.580.7448**
 Mailing Address: **4026 WCTR 65**
 City, State, Zip: **KEENESEBURG, CO 80445**
 Email: **JHARTSIG@DURAROOT.COM**
 Receive Invoice: Hard Copy Email
 Receive Report: Hard Copy Email
 Purchase Order: Quote Bottle Order

Report Information (if different than Account Information)

Company Name: _____
 Contact: _____
 Phone: _____
 Mailing Address: _____
 City, State, Zip: _____
 Email: _____
 Receive Report: Hard Copy Email
 Special Report Formats: LEVEL IV NELAC EDD/EDT (contact laboratory) Other _____

Project Information

Project Name, PWSID, Permit, etc.: **FLESSNER 9**
 Sampler Name: **JAMES HARTSIG** Sampler Phone: **970.580.7448**
 Sample Origin State: **CO** EPA/State Compliance: Yes No
 URANIUM MINING CLIENTS MUST indicate sample type:
 NOT Source or Byproduct Material
 Source/Processed Ore (Ground or Refined) **CALL BEFORE SENDING
 11e.(2) Byproduct Material (Can ONLY be Submitted to ELL Casper Location)

Matrix Codes

- A - Air
- W - Water
- S - Solids
- V - Vegetation
- B - Biomass
- O - Other
- DW - Drinking Water

Analysis Requested

PH	EC	SAR	ESP	CALCIUM	MAGNESIUM	SODIUM	CEC
----	----	-----	-----	---------	-----------	--------	-----

See Attached

All turnaround times are standard unless marked as RUSH.
 Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling - See Instructions Page

ELL LAB ID Laboratory Use Only
H20080007

Sample Identification (Name, Location, Interval, etc.)	Collection		Number of Containers	Matrix (See Codes Above)	Analysis Requested								Signature
	Date	Time			PH	EC	SAR	ESP	CALCIUM	MAGNESIUM	SODIUM	CEC	
1 FLESSNER ①	7-22-20	12:00	1	S	X	X	X	X	X	X	X	X	
2 FLESSNER ②	7-22-20	12:10	1	S	X	X	X	X	X	X	X	X	
3													
4													
5													
6													
7													
8													
9													
10													

Custody Record MUST be signed

Relinquished by (print): **JAMES HARTSIG** Date/Time: **7-29-20 12:00** Signature: _____
 Relinquished by (print): _____ Date/Time: _____ Signature: _____

Received by (print): _____ Date/Time: **8-3-2009** Signature: _____

Shipped By: **Priority Mail** Cooler (ID/s): _____ Custody Seals: **Y N C B** Intact: **Y N** Receipt Temp: **21.2** °C Temp Blank: **Y** Other: **Y N** Payment Type: **CC** Amount: \$ _____ Receipt Number (cash/check only): _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.

EU-COC-10/18 v.3