



Saturday, October 24, 2020

Bruce Smith
Western Water and Land, Inc.
743 Horizon Ct., Suite 330
Grand Junction, CO 81506

Re: ALS Workorder: 2009499
Project Name: Starkey CWMF BWQ
Project Number:

Dear Mr. Smith:

Three water samples were received from Western Water and Land, Inc., on 9/24/2020. The samples were scheduled for the following analyses:

BART	pages 1-15
Dissolved Gasses	pages 1-48
GC/MS Volatiles	pages 1-147
Inorganics	pages 1-87
Metals	pages 1-160
Total Extractable Petroleum Hydrocarbons (Diesel)	pages 1-49

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
AIHA	214884
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
PJ-LA (DoD ELAP/ISO 170250)	95377
Louisiana (LA)	05057
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2009499

Client Name: Western Water and Land, Inc.

Client Project Name: Starkey CWMF BWQ

Client Project Number:

Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
753285	2009499-1		WATER	22-Sep-20	8:30
Union No 6-26068-F	2009499-2		WATER	22-Sep-20	10:30
Trip Blank	2009499-3		WATER	08-Sep-20	



ALS Laboratory Group

225 Commerce Drive, Fort Collins, Colorado 80524
 TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 20278

WORKORDER # 200222

PAGE 1 of 1

PROJECT NAME: Starkey CUMF Bldg PROJECT NO.: 9-22-20 DATE: 9-22-20

FACILITY NAME: Starkey TURNAROUND: Standard

FACILITY ID (API):

COMPANY NAME: Western Water & Land, Inc.

SEND REPORT TO: Bruce Smith

ADDRESS: 743 Horizon Court, Suite 330

CITY / STATE / ZIP: Grand Junction, CO 81506

PHONE: (970) 242-0170

FAX:

E-MAIL: bsmith@westernwaterandland.com

EDD FORMAT:

PURCHASE ORDER:

BILL TO COMPANY: TEP Rocky Mtn LLC

INVOICE ATTN TO: Tammy Gose

ADDRESS: 1058 CR 215

CITY / STATE / ZIP: Parachute, CO 81635

PHONE: (970) 712-6049

FAX:

E-MAIL: tgose@terraep.com

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	NG1	BART	BTEX/GRO	DRO	Dissolved Metals, lab filtered	Anions, Alk, TDS, pH, SpC, nitrates	Total Phosphorus	Dissolved gases - HCl preserved	Dissolved gases - unpreserved	PAHS	MBAS	
1	753285	GW	9-22-20	8:30	14	1	13	1	1	3	3	1	1	1	3				
2	UNION No. 6-21008-F	GW	9-22-20	10:30	14	1	13	1	1	3	3	1	1	1	3				
3	TRIP Blank	W	9-22-20	-	1	1													

Field Parameters

Temp (°C)	16.2	DO (%)	45.4	SpC (uS/cm)	22216	Turb (NTUs)	26.55
pH (s.u.)	7.76	DO (mg/L)	4.39	ORP (mv)	-26.2	Disch (gpm)	1.7
Temp (°C)	16.4	DO (%)	47.9	SpC (uS/cm)	2209	Turb (NTUs)	28.77
pH (s.u.)	7.78	DO (mg/L)	4.12	ORP (mv)	-16.2	Disch (gpm)	1.7

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:

QC PACKAGE (check below)

LEVEL II (Standard QC)

LEVEL III (Std QC + forms)

LEVEL IV (Std QC + forms + raw data)

LEVEL IV

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

SIGNATURE

RELINQUISHED BY: [Signature] DATE: 9-22-20 TIME: 1300

RECEIVED BY: [Signature] DATE: 9-22-20 TIME: 1400

RELINQUISHED BY: [Signature] DATE: 9-22-20 TIME: 1530

RECEIVED BY: [Signature] DATE: 9-22-20 TIME: 1615

RELINQUISHED BY: [Signature] DATE: 9-22-20 TIME: 1615

RECEIVED BY: [Signature] DATE: 9-22-20 TIME: 1615



ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

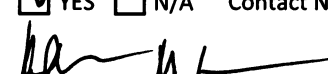
Client Name/ID: **WWL** Workorder No: **2009499**
 Project Manager: **KMO** Initials: **TM** Date: **9/24/20**

1. Are airbills / shipping documents present and/or removable?	<input type="checkbox"/> Drop Off	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2. Are custody seals on shipping containers intact?	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
3. Are custody seals on sample containers intact?	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> YES	<input type="checkbox"/> NO*
4. Is there a COC (chain-of-custody) present?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
5. Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
6. Are short-hold samples present?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
7. Are all samples within holding times for the requested analyses?		<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO*
8. Were all sample containers received intact? (not broken or leaking)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
9. Is there sufficient sample for the requested analyses?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
10. Are samples in proper containers for requested analyses? (form 250, Sample Handling Guidelines)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
11. Are all aqueous samples preserved correctly, if required?	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO*
12. Were unpreserved samples pH checked, if required?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
13. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm in diameter?	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
14. Were the samples shipped on ice?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
15. Were cooler temperatures measured at 0.1 - 6.0°C?	IR gun used: <input type="checkbox"/> #3 <input checked="" type="checkbox"/> #5	<input type="checkbox"/> Rad Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Cooler #: **1**
 Temperature (°C): **2.0**
 # of custody seals on cooler: **1**
 External mR/hr reading: **10**
 Background mR/hr reading: **9** Were external mR/hr readings ≤ two times background and within DOT acceptance criteria? (If no, see Form 008) N/A YES NO

* Please provide details below for 'NO' responses in gray boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

All client bottle ID's vs ALS lab ID's double-checked by: **TM**

If applicable, was the client contacted? YES N/A Contact Name **Janice / Shelby** Date: **9/24/20**
 Project Manager Signature / Date:  **9/24/20**

ORIGIN ID: RILA (616) 298-1033
NICK MARTINEZ
ALS ENVIRONMENTAL
127 E. 1ST STREET

SHIP DATE: 22SEP20
ACTWGT: 45.00 LB
CAD: 108058167/NET4280
DIMS: 21x14x14 IN

PARACHUTE, CO 81635
UNITED STATES US

BILL THIRD PARTY

TO **SAMPLE RECEIVING**
ALS LABORATORY GROUP
225 COMMERCE DRIVE

10-1
20

568,615458766

FORT COLLINS CO 80524
(970) 490-1511 REF: 092220-4

INV: PO: PARACHUTE DEPT:

FedEx Ship Manager - Print Your Label(s)



WED - 23 SEP 3:00P
STANDARD OVERNIGHT

1 of 2
TRK# 7715 9974 5050
0201
MASTER

XH FTCA

80524
CO-US DEN



9/22/2020

RT 617 2 15:00 A
FZ 5050 09.24

Align Open End of FedEx Pouch Here