Thursday, December 30, 2021

Randy Evans
Randy Evans
328 South Overland Tr.
Fort Collins, CO 80521

Re: ALS Workorder: 2111512
Project Name: WPWT Facility
Project Number:

Dear Mr. Evans:

Three water samples were received from Randy Evans, on 11/18/2021. The samples were scheduled for the following analyses:

GC/MS Volatiles
Inorganics
Metals
Radium-226
Radium-228

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

Accreditations: 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
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

2111512

GC/MS Volatiles:
The sample was analyzed using GC/MS following the current revision of SOP 525 based on SW-846 Method 8260C.

The sample was analyzed outside the established holding time.

All remaining acceptance criteria were met.

Metals:
The sample was analyzed following SW-846, 3rd Edition procedures. Analysis by Trace ICP followed method 6010D and the current revision of SOP 834.

All acceptance criteria were met.

Inorganics:
The sample was analyzed following EMSL and Standard Method procedures for the current revisions of the following SOPs and methods:

Analyte	Method	SOP #
TDS	SM2540C	1101
Chloride	300.0 Revision 2.1	1113
Fluoride	300.0 Revision 2.1	1113
Sulfate	300.0 Revision 2.1	1113

All acceptance criteria were met.

Radium-228:
The samples were analyzed for the presence of ^{228}Ra by low background gas flow proportional counting of ^{228}Ac, which is the ingrown progeny of ^{228}Ra, according to the current revision of SOP 724.

The Radium-228 recovery in the associated laboratory control sample is above the upper control limit of 130% at 134%. The laboratory control sample duplicate recovery was also above the upper control limit at 140%. Insufficient sample was available for re-preparation.

All remaining acceptance criteria were met.

Radium-226:
The samples were analyzed for the presence of ^{226}Ra according to the current revision of SOP 724.

All acceptance criteria were met.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2111512
Client Name: Randy Evans
Client Project Name: WPWT Facility
Client Project Number:
Client PO Number: WO 014

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
Outfall 001A	2111512-1		WATER	18-Nov-21	15:30
Outfall 001A	2111512-2		WATER	18-Nov-21	11:30
Outfall 001A	2111512-3		WATER	18-Nov-21	11:30

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

Chain-of-Custody

2111512 KMO

Form 202r8

WOR 2111512-C

PROJECT NAME	WPWT Facility	SAMPLER	Randy Evans
PROJECT No.		SITE ID	EDD ID #: 281818
		EDD FORMAT	YES
		PURCHASE ORDER	WO # 014
COMPANY NAME	Wellington Operating Company	BILL TO COMPANY	Wellington Operating Company
SEND REPORT TO	Randy Evans	INVOICE ATTN TO	Eric Barslow
ADDRESS	1590 East County Road 70	ADDRESS	6142 Campbell Road
CITY / STATE / ZIP	Wellington, CO 80549	CITY / STATE / ZIP	Dallas, TX 75248
PHONE	970-402-0418	PHONE	214-420-3000
FAX	214-420-3001	FAX	214-420-3001
E-MAIL	rgrevans477@gmail.com	E-MAIL	AP@Wellingtonoperating.com

DATE:
TURNAROUND:
DISPOSAL: By Lab or Return to Client

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	Sodium, Boron, Barium	TDS, Chloride, Fluoride, Sulfate	BTEX; Naphthalene; 1,3,5 trimethylbenzene; 1,2,4 trimethylbenzene	Radium 126, Radium 128
1	Outfall 001A	W	11/18/2021	09:30; 11:30; 13:30; 15:30	2	2 & 8		X	X		
2	Outfall 001A	W	11/18/2021	11:30	3	8				X	
3	Outfall 001A	W	11/18/2021	11:30	2	2 & 8					X

*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:

Outfall Facility ID #: 767700

S1

QC PACKAGE (check below)	
	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	[signature]	Randy Evans	10/22/2021	1620
RECEIVED BY	[signature] Claire Themes	Claire Themes	11/18/21	1620
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

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

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: RANDY EVANS Workorder No: 2111512

Project Manager: KMO Initials: CXT Date: 11/19/2021

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?	X		
	Tracking number:			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)			X
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)		X	
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1						
Temperature (°C):	5.9						
# of custody seals on cooler:	0						
External µR/hr reading:	NA						
Background µR/hr reading:	9						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

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

Sample 1 bottle 1 initial pH 7; added 3ml of concentrated hno3 lot #267725; final pH <2

Sample 3 bottle 1 initial pH 7; added 6ml of concentrated hno3 lot 267725; final pH <2

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: CT

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 11/23/21

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Client: Randy Evans **Date:** *30-Dec-21*
Project: WPWT Facility **Work Order:** 2111512
Sample ID: Outfall 001A **Lab ID:** 2111512-1
Legal Location: **Matrix:** WATER
Collection Date: 11/18/2021 15:30 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Total Recoverable ICP Metals		**SW6010**			Prep Date: **11/24/2021**	PrepBy: **ETC**
BORON	**2.3**		**0.1**	**MG/L**	1	11/24/2021 15:44
BARIUM	**6.9**		**0.1**	**MG/L**	1	11/24/2021 15:44
SODIUM	**740**		**10**	**MG/L**	10	11/24/2021 16:06
Ion Chromatography		**EPA300.0**			Prep Date: **12/1/2021**	PrepBy: **AOW**
CHLORIDE	**380**		**5**	**MG/L**	25	12/1/2021 12:04
FLUORIDE	**4.5**		**1**	**MG/L**	10	12/1/2021 11:58
SULFATE	ND		10	MG/L	10	12/1/2021 11:58
Total Dissolved Solids		**SM2540C**			Prep Date: **11/24/2021**	PrepBy: **AOW**
TOTAL DISSOLVED SOLIDS	**2000**		**80**	**MG/L**	1	11/29/2021

Client: Randy Evans **Date:** *30-Dec-21*
Project: WPWT Facility **Work Order:** 2111512
Sample ID: Outfall 001A **Lab ID:** 2111512-2
Legal Location: **Matrix:** WATER
Collection Date: 11/18/2021 11:30 **Percent Moisture:**

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
GC/MS Volatiles		**SW8260_25**		Prep Date: **11/26/2021**		PrepBy:**DJL**
BENZENE	ND		1	UG/L	1	11/26/2021 16:41
TOLUENE	ND		1	UG/L	1	11/26/2021 16:41
ETHYLBENZENE	ND		1	UG/L	1	11/26/2021 16:41
M+P-XYLENE	ND		1	UG/L	1	11/26/2021 16:41
O-XYLENE	ND		1	UG/L	1	11/26/2021 16:41
1,3,5-TRIMETHYLBENZENE	ND		1	UG/L	1	11/26/2021 16:41
1,2,4-TRIMETHYLBENZENE	ND		1	UG/L	1	11/26/2021 16:41
NAPHTHALENE	ND		1	UG/L	1	11/26/2021 16:41
Surr: DIBROMOFLUOROMETHANE	*100*		*80-120*	*%REC*	1	11/26/2021 16:41
Surr: TOLUENE-D8	*100*		*80-120*	*%REC*	1	11/26/2021 16:41
Surr: 4-BROMOFLUOROBENZENE	*103*		*80-120*	*%REC*	1	11/26/2021 16:41

Client:	Randy Evans	**Date:**	*30-Dec-21*
Project:	WPWT Facility	**Work Order:**	2111512
Sample ID:	Outfall 001A	**Lab ID:**	2111512-3
Legal Location:		**Matrix:**	WATER
Collection Date:	11/18/2021 11:30	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Radium-226 by Radon Emanation - Method 903.1		**SOP 783**			Prep Date: **12/16/2021**	PrepBy: **EJE**
Ra-226	**0.99 (+/- 0.42)**		**0.28**	**pCi/l**	NA	12/28/2021 10:56
Carr: BARIUM	*88.6*		*40-110*	*%REC*	DL = NA	12/28/2021 10:56
Radium-228 Analysis by GFPC		**SOP 724**			Prep Date: **12/16/2021**	PrepBy: **MMS**
Ra-228	**1.44 (+/- 0.59)**		**0.93**	**pCi/l**	NA	12/29/2021 09:30
Carr: BARIUM	*88.1*		*40-110*	*%REC*	DL = NA	12/29/2021 09:30

Client:	Randy Evans	**Date:**	*30-Dec-21*
Project:	WPWT Facility	**Work Order:**	2111512
Sample ID:	Outfall 001A	**Lab ID:**	2111512-3
Legal Location:		**Matrix:**	WATER
Collection Date:	11/18/2021 11:30	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed

Explanation of Qualifiers

Radiochemistry:

- "Report Limit" is the MDC

U or ND - Result is less than the sample specific MDC.

Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.

Y2 - Chemical Yield outside default limits.

W - DER is greater than Warning Limit of 1.42

* - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.

- Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.

G - Sample density differs by more than 15% of LCS density.

D - DER is greater than Control Limit

M - Requested MDC not met.

M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.

L - LCS Recovery below lower control limit.

H - LCS Recovery above upper control limit.

P - LCS, Matrix Spike Recovery within control limits.

N - Matrix Spike Recovery outside control limits

NC - Not Calculated for duplicate results less than 5 times MDC

B - Analyte concentration greater than MDC.

B3 - Analyte concentration greater than MDC but less than Requested MDC.

Inorganics:

B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).

U or ND - Indicates that the compound was analyzed for but not detected.

E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

M - Duplicate injection precision was not met.

N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

* - Duplicate analysis (relative percent difference) not within control limits.

S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

Organics:

U or ND - Indicates that the compound was analyzed for but not detected.

B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.

E - Analyte concentration exceeds the upper level of the calibration range.

J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).

A - A tentatively identified compound is a suspected aldol-condensation product.

X - The analyte was diluted below an accurate quantitation level.

* - The spike recovery is equal to or outside the control criteria used.

+ - The relative percent difference (RPD) equals or exceeds the control criteria.

G - A pattern resembling gasoline was detected in this sample.

D - A pattern resembling diesel was detected in this sample.

M - A pattern resembling motor oil was detected in this sample.

C - A pattern resembling crude oil was detected in this sample.

4 - A pattern resembling JP-4 was detected in this sample.

5 - A pattern resembling JP-5 was detected in this sample.

H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.

L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.

Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
- gasoline
- JP-8
- diesel
- mineral spirits
- motor oil
- Stoddard solvent
- bunker C

Batch ID: **RE211216-1-3** Instrument ID: **Alpha Scin** Method: **Radium-226 by Radon Emanation**

LCS Sample ID: **RE211216-1** Units: **pCi/l** Analysis Date: **12/28/2021 12:42**

Client ID: Run ID: **RE211216-1A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Ra-226	45 (+/- 11)	0	46.42		96.2	67-120					P
Carr: BARIUM	14690		15230		96.5	40-110					

LCSD Sample ID: **RE211216-1** Units: **pCi/l** Analysis Date: **12/28/2021 12:42**

Client ID: Run ID: **RE211216-1A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Ra-226	44 (+/- 11)	0	46.42		94.4	67-120		45	0.05	2.13	P
Carr: BARIUM	14620		15230		96	40-110		14690			

MB Sample ID: **RE211216-1** Units: **pCi/l** Analysis Date: **12/28/2021 11:21**

Client ID: Run ID: **RE211216-1A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Ra-226	ND	0.2									U
Carr: BARIUM	14220		15230		93.4	40-110					

The following samples were analyzed in this batch: 2111512-3

QC BATCH REPORT

Batch ID: **RA211216-2-2** Instrument ID: **GASPROP** Method: **Radium-228 Analysis by GFPC**

LCS Sample ID: **RA211216-2** Units: **ug** Analysis Date: **12/29/2021 09:30**
Client ID: Run ID: **RA211216-2A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Carr: BARIUM	31790		34010		93.5	40-110					
Ra-228	28.5 (+/- 6.6)	0.8	22.68		126	70-130					P

LCSD Sample ID: **RA211216-2** Units: **ug** Analysis Date: **12/29/2021 09:30**
Client ID: Run ID: **RA211216-2A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Carr: BARIUM	31230		34010		91.8	40-110		31790			
Ra-228	29.6 (+/- 6.9)	0.9	22.68		131	70-130		28.5	0.12	2.13	H

MB Sample ID: **RA211216-2** Units: **ug** Analysis Date: **12/29/2021 09:30**
Client ID: Run ID: **RA211216-2A** Prep Date: **12/16/2021** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref Value	DER	DER Limit	Qual
Carr: BARIUM	30180		34000		88.7	40-110					
Ra-228	ND	0.89									U

The following samples were analyzed in this batch:

Client: Randy Evans
Work Order: 2111512
Project: WPWT Facility

QC BATCH REPORT

Batch ID: **IP211124-3-3** Instrument ID: **ICPTrace2** Method: **SW6010**

LCS Sample ID: **IP211124-3** Units: **MG/L** Analysis Date: **11/24/2021 15:41**

Client ID: Run ID: **IT211124-1A8** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
BARIUM	0.944	0.1	1		94	80-120				20	
BORON	0.93	0.1	1		93	80-120				20	
SODIUM	40.2	1	40		100	80-120				20	

LCSD Sample ID: **IP211124-3** Units: **MG/L** Analysis Date: **11/24/2021 15:42**

Client ID: Run ID: **IT211124-1A8** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
BARIUM	0.957	0.1	1		96	80-120		0.944	1	20	
BORON	0.945	0.1	1		94	80-120		0.93	2	20	
SODIUM	40.4	1	40		101	80-120		40.2	1	20	

MB Sample ID: **IP211124-3** Units: **MG/L** Analysis Date: **11/24/2021 15:40**

Client ID: Run ID: **IT211124-1A8** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	Qual
BARIUM	ND	0.1	
BORON	ND	0.1	
SODIUM	ND	1	

The following samples were analyzed in this batch: 2111512-1

Client: Randy Evans
Work Order: 2111512
Project: WPWT Facility

QC BATCH REPORT

Batch ID: **VL211126-33-5** Instrument ID: **HPV1** Method: **SW8260_25**

LCS Sample ID: **VL211126-3** Units: **UG/L** Analysis Date: **11/26/2021 14:51**

Client ID: Run ID: **VL211126-33a** Prep Date: **11/26/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
BENZENE	9.74	1	10		97	80-120				20	
TOLUENE	9.52	1	10		95	80-120				20	
Surr: DIBROMOFLUOROMETHANE	25		25		100	80-120					
Surr: TOLUENE-D8	24.8		25		99	80-120					
Surr: 4-BROMOFLUOROBENZENE	25.8		25		103	80-120					

LCSD Sample ID: **VL211126-3** Units: **UG/L** Analysis Date: **11/26/2021 15:13**

Client ID: Run ID: **VL211126-33a** Prep Date: **11/26/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
BENZENE	9.78	1	10		98	80-120		9.74	0	20	
TOLUENE	9.72	1	10		97	80-120		9.52	2	20	
Surr: DIBROMOFLUOROMETHANE	24.9		25		100	80-120			0		
Surr: TOLUENE-D8	25		25		100	80-120			1		
Surr: 4-BROMOFLUOROBENZENE	25.3		25		101	80-120			2		

MB Sample ID: **VL211126-3** Units: **UG/L** Analysis Date: **11/26/2021 15:57**

Client ID: Run ID: **VL211126-33a** Prep Date: **11/26/2021** DF: **1**

Analyte	Result	ReportLimit	Qual
BENZENE	ND	1	
TOLUENE	ND	1	
ETHYLBENZENE	ND	1	
M+P-XYLENE	ND	1	
O-XYLENE	ND	1	
1,3,5-TRIMETHYLBENZENE	ND	1	
1,2,4-TRIMETHYLBENZENE	ND	1	
NAPHTHALENE	ND	1	
Surr: DIBROMOFLUOROMETHANE	24.9	100 80-120	
Surr: TOLUENE-D8	25.3	101 80-120	
Surr: 4-BROMOFLUOROBENZENE	25.2	101 80-120	

The following samples were analyzed in this batch: 2111512-2

QC BATCH REPORT

Batch ID: **IC211201-2-1** Instrument ID: **IC3** Method: **EPA300.0**

LCS Sample ID: **IC211201-2** Units: **MG/L** Analysis Date: **12/1/2021 12:22**
Client ID: Run ID: **IC211201-1A1** Prep Date: **12/1/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
FLUORIDE	4.93	0.1	5		99	90-110				15	
CHLORIDE	9.91	0.2	10		99	90-110				15	
SULFATE	50.2	1	50		100	90-110				15	

LCSD Sample ID: **IC211201-2** Units: **MG/L** Analysis Date: **12/1/2021 13:35**
Client ID: Run ID: **IC211201-1A1** Prep Date: **12/1/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
FLUORIDE	5.04	0.1	5		101	90-110		4.93	2	15	
CHLORIDE	9.93	0.2	10		99	90-110		9.91	0	15	
SULFATE	50.5	1	50		101	90-110		50.2	1	15	

MB Sample ID: **IC211201-2** Units: **MG/L** Analysis Date: **12/1/2021 13:41**
Client ID: Run ID: **IC211201-1A1** Prep Date: **12/1/2021** DF: **1**

Analyte	Result	ReportLimit	Qual
FLUORIDE	ND	0.1	
CHLORIDE	ND	0.2	
SULFATE	ND	1	

The following samples were analyzed in this batch: 2111512-1

Client: Randy Evans
Work Order: 2111512
Project: WPWT Facility

QC BATCH REPORT

Batch ID: **TD211124-1-1** Instrument ID: **Balance** Method: **SM2540C**

LCS Sample ID: **TD211124-1** Units: **MG/L** Analysis Date: **11/29/2021**
Client ID: Run ID: **TD211129-1A1** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL DISSOLVED SOLIDS	360	20	400		90	85-115				14	

LCSD Sample ID: **TD211124-1** Units: **MG/L** Analysis Date: **11/29/2021**
Client ID: Run ID: **TD211129-1A1** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	RPD Ref Value	RPD	RPD Limit	Qual
TOTAL DISSOLVED SOLIDS	361	20	400		90	85-115		360	0	14	

MB Sample ID: **TD211124-1** Units: **MG/L** Analysis Date: **11/29/2021**
Client ID: Run ID: **TD211129-1A1** Prep Date: **11/24/2021** DF: **1**

Analyte	Result	ReportLimit	Qual
TOTAL DISSOLVED SOLIDS	ND	20	

The following samples were analyzed in this batch: 2111512-1