Thursday, November 11, 2021

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

Re: ALS Workorder: 2110525
Project Name: WPWT Facility
Project Number:

Dear Mr. Evans:

Two water samples were received from Randy Evans, on 10/22/2021. The samples were scheduled for the following analyses:

| |
|---|
| GC/MS Volatiles |
| Inorganics |
| Metals |

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 |
| California (CA) | 2926 |
| Colorado (CO) | CO01099 |
| Florida (FL) | E87914 |
| Idaho (ID) | CO01099 |
| Kansas (KS) | E-10381 |
| Kentucky (KY) | 90137 |
| PJ-LA (DoD ELAP/ISO 170250) | 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 |

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.

# 2110525

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

All 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. Analysis by ICPMS followed method 6020B and the current revision of SOP 827.

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.

# ALS -- Fort Collins

## Sample Number(s) Cross-Reference Table

**OrderNum:** 2110525
**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 001 A | 2110525-1 | | WATER | 22-Oct-21 | 13:15 |
| Outfall 001 A | 2110525-2 | | WATER | 22-Oct-21 | 11:15 |

# ALS Environmental

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

## Chain-of-Custody

2110525

Form 202r8

2110525-C

Disposal: By Lab or Return to Client

| | | | | | |
|---|---|---|---|---|---|
| PROJECT NAME | WPWT Facility | SAMPLER | Randy Evans | DATE | 10/22/2021 |
| PROJECT No. | | SITE ID | EDD ID #: 281818 | TURNAROUND | |
| | | 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 | | |

| Lab ID | Field ID | Matrix | Sample Date | Sample Time | # Bottles | Pres. | QC | Sodium, Boron, Barium, Thallium | TDS, Chloride, Fluoride, Sulfate | BTEX: Naphthalene |
|---|---|---|---|---|---|---|---|---|---|---|
| | Outfall 001A | W | 10/22/2021 | 07:15; 09:15 11:15; 1315 | 2 | 2 & 8 | | X | X | |
| | Outfall 001A | W | | 11:15 | 3 | 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: | QC PACKAGE (check below) | |
|---|---|---|
| Outfall Facility ID #: 767700 4.2 | | LEVEL II (Standard QC) |
| | | LEVEL III (Std QC + forms) |
| | | LEVEL IV (Std QC + forms + raw data) |
| | | |

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

| | SIGNATURE | PRINTED NAME | DATE | TIME |
|---|---|---|---|---|
| RELINQUISHED BY | | Randy Evans | 10/22/2021 | 1350 |
| RECEIVED BY | | Amy Kepman | 10/22/21 | 1400 |
| RELINQUISHED BY | | | | |
| RECEIVED BY | | | | |
| RELINQUISHED BY | | | | |
| RECEIVED BY | | | | |

**ALS Environmental - Fort Collins**
**CONDITION OF SAMPLE UPON RECEIPT FORM**

Client: RANDY EVANS  Workorder No: 2110525

Project Manager: KMO  Initials: AXK  Date: 10/22/2021

| | | 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): | 4.2 | | | | | | |
| # of custody seals on cooler: | 0 | | | | | | |
| External µR/hr reading: | - | | | | | | |
| Background µR/hr reading: | 11 | | | | | | |

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES (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 had initial pH of 6 so added 1.0ml HNO3 lot 267725 to achieve pH <2.

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

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

Project Manager Signature / Date: _____ 10/25/21

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

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

**Client:** Randy Evans
**Project:** WPWT Facility
**Sample ID:** Outfall 001 A
**Legal Location:**
**Collection Date:** 10/22/2021 13:15

**Date:** *08-Nov-21*
**Work Order:** 2110525
**Lab ID:** 2110525-1
**Matrix:** WATER
**Percent Moisture:**

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|
| **Total Recoverable ICP Metals** | | **SW6010** | | | Prep Date: **10/27/2021** | PrepBy: **WJS** |
| **BORON** | **2.3** | | **0.1** | **MG/L** | 1 | 10/28/2021 12:51 |
| **BARIUM** | **6.3** | | **0.1** | **MG/L** | 1 | 10/28/2021 12:51 |
| **SODIUM** | **760** | | **10** | **MG/L** | 10 | 10/28/2021 12:56 |
| **Total Recoverable ICPMS Metals** | | **SW6020** | | | Prep Date: **10/27/2021** | PrepBy: **WJS** |
| THALLIUM | ND | | 0.15 | UG/L | 10 | 11/2/2021 18:03 |
| **Ion Chromatography** | | **EPA300.0** | | | Prep Date: **11/3/2021** | PrepBy: **AOW** |
| **CHLORIDE** | **410** | | **5** | **MG/L** | 25 | 11/3/2021 14:22 |
| **FLUORIDE** | **4.5** | | **2.5** | **MG/L** | 25 | 11/3/2021 14:22 |
| SULFATE | ND | | 25 | MG/L | 25 | 11/3/2021 14:22 |
| **Total Dissolved Solids** | | **SM2540C** | | | Prep Date: **10/26/2021** | PrepBy: **BMK** |
| **TOTAL DISSOLVED SOLIDS** | **2300** | | **80** | **MG/L** | 1 | 11/3/2021 |

**Client:** Randy Evans **Date:** *08-Nov-21*
**Project:** WPWT Facility **Work Order:** 2110525
**Sample ID:** Outfall 001 A **Lab ID:** 2110525-2
**Legal Location:** **Matrix:** WATER
**Collection Date:** 10/22/2021 11:15 **Percent Moisture:**

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|---|---|---|---|---|---|---|
| **GC/MS Volatiles** | | | **SW8260_25** | Prep Date: **10/25/2021** | | PrepBy: **DJL** |
| BENZENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| TOLUENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| ETHYLBENZENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| M+P-XYLENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| O-XYLENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| NAPHTHALENE | ND | | 1 | UG/L | 1 | 10/25/2021 15:24 |
| *Surr: DIBROMOFLUOROMETHANE* | *101* | | *80-120* | *%REC* | 1 | 10/25/2021 15:24 |
| *Surr: TOLUENE-D8* | *98* | | *80-120* | *%REC* | 1 | 10/25/2021 15:24 |
| *Surr: 4-BROMOFLUOROBENZENE* | *99* | | *80-120* | *%REC* | 1 | 10/25/2021 15:24 |

| | | | |
|---|---|---|---|
| **Client:** | Randy Evans | **Date:** | *08-Nov-21* |
| **Project:** | WPWT Facility | **Work Order:** | 2110525 |
| **Sample ID:** | Outfall 001 A | **Lab ID:** | 2110525-2 |
| **Legal Location:** | | **Matrix:** | WATER |
| **Collection Date:** | 10/22/2021 11:15 | **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

# QC BATCH REPORT

Batch ID: **IP211027-4-4** Instrument ID **ICPTrace2** Method: **SW6010**

**LCS** Sample ID: **IP211027-4** Units: **MG/L** Analysis Date: **10/28/2021 12:44**

Client ID: Run ID: **IT211028-1A8** Prep Date: **10/27/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BARIUM | 0.991 | 0.1 | 1 | | 99 | 80-120 | | | | 20 | |
| BORON | 0.981 | 0.1 | 1 | | 98 | 80-120 | | | | 20 | |
| SODIUM | 40.9 | 1 | 40 | | 102 | 80-120 | | | | 20 | |

**LCSD** Sample ID: **IP211027-4** Units: **MG/L** Analysis Date: **10/28/2021 12:48**

Client ID: Run ID: **IT211028-1A8** Prep Date: **10/27/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BARIUM | 0.984 | 0.1 | 1 | | 98 | 80-120 | | 0.991 | 1 | 20 | |
| BORON | 0.978 | 0.1 | 1 | | 98 | 80-120 | | 0.981 | 0 | 20 | |
| SODIUM | 40.7 | 1 | 40 | | 102 | 80-120 | | 40.9 | 0 | 20 | |

**MB** Sample ID: **IP211027-4** Units: **MG/L** Analysis Date: **10/28/2021 12:43**

Client ID: Run ID: **IT211028-1A8** Prep Date: **10/27/2021** 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:** 2110525-1

**Client:** Randy Evans
**Work Order:** 2110525
**Project:** WPWT Facility

# QC BATCH REPORT

Batch ID: **IP211027-4-7** Instrument ID **ICPMS2** Method: **SW6020**

**LCS** Sample ID: **IM211027-4** Units: **UG/L** Analysis Date: **11/2/2021 17:39**
Client ID: Run ID: **IM211102-10A7** Prep Date: **10/27/2021** DF: **10**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| THALLIUM | 1.96 | 0.15 | 2 | | 98 | 80-120 | | | | 20 | |

**LCSD** Sample ID: **IM211027-4** Units: **UG/L** Analysis Date: **11/2/2021 17:45**
Client ID: Run ID: **IM211102-10A7** Prep Date: **10/27/2021** DF: **10**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| THALLIUM | 2 | 0.15 | 2 | | 100 | 80-120 | | 1.96 | 2 | 20 | |

**MB** Sample ID: **IP211027-4** Units: **UG/L** Analysis Date: **11/2/2021 17:36**
Client ID: Run ID: **IM211102-10A7** Prep Date: **10/27/2021** DF: **10**

| Analyte | Result | ReportLimit | Qual |
|---|---|---|---|
| THALLIUM | ND | 0.15 | |

**The following samples were analyzed in this batch:** 2110525-1

# QC BATCH REPORT

Batch ID: **VL211025-3-4** Instrument ID **HPV1** Method: **SW8260_25**

**LCS** Sample ID: **VL211025-3** Units: **UG/L** Analysis Date: **10/25/2021 11:43**

Client ID: Run ID: **VL211025-3a** Prep Date: **10/25/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BENZENE | 10.7 | 1 | 10 | | 107 | 80-120 | | | | 20 | |
| TOLUENE | 10.6 | 1 | 10 | | 106 | 80-120 | | | | 20 | |
| ETHYLBENZENE | 10.7 | 1 | 10 | | 107 | 80-120 | | | | 20 | |
| M+P-XYLENE | 21.7 | 1 | 20 | | 108 | 80-120 | | | | 20 | |
| O-XYLENE | 10.7 | 1 | 10 | | 107 | 80-120 | | | | 20 | |
| NAPHTHALENE | 10.7 | 1 | 10 | | 107 | 62-136 | | | | 20 | |
| Surr: DIBROMOFLUOROMETHANE | 25.2 | | 25 | | 101 | 80-120 | | | | | |
| Surr: TOLUENE-D8 | 25 | | 25 | | 100 | 80-120 | | | | | |
| Surr: 4-BROMOFLUOROBENZENE | 24.8 | | 25 | | 99 | 80-120 | | | | | |

**LCSD** Sample ID: **VL211025-3** Units: **UG/L** Analysis Date: **10/25/2021 12:05**

Client ID: Run ID: **VL211025-3a** Prep Date: **10/25/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BENZENE | 11.2 | 1 | 10 | | 112 | 80-120 | | 10.7 | 4 | 20 | |
| TOLUENE | 11 | 1 | 10 | | 110 | 80-120 | | 10.6 | 4 | 20 | |
| ETHYLBENZENE | 11.1 | 1 | 10 | | 111 | 80-120 | | 10.7 | 3 | 20 | |
| M+P-XYLENE | 22.3 | 1 | 20 | | 112 | 80-120 | | 21.7 | 3 | 20 | |
| O-XYLENE | 11.3 | 1 | 10 | | 113 | 80-120 | | 10.7 | 5 | 20 | |
| NAPHTHALENE | 12.6 | 1 | 10 | | 126 | 62-136 | | 10.7 | 16 | 20 | |
| Surr: DIBROMOFLUOROMETHANE | 25.4 | | 25 | | 102 | 80-120 | | | 1 | | |
| Surr: TOLUENE-D8 | 24.4 | | 25 | | 98 | 80-120 | | | 2 | | |
| Surr: 4-BROMOFLUOROBENZENE | 24.5 | | 25 | | 98 | 80-120 | | | 1 | | |

**Client:** Randy Evans
**Work Order:** 2110525
**Project:** WPWT Facility

# QC BATCH REPORT

Batch ID: **VL211025-3-4** Instrument ID **HPV1** Method: **SW8260_25**

**MB** Sample ID: **VL211025-3** Units: **UG/L** Analysis Date: **10/25/2021 12:49**
Client ID: Run ID: **VL211025-3a** Prep Date: **10/25/2021** DF: **1**

| Analyte | Result | ReportLimit | | | Qual |
|---|---|---|---|---|---|
| BENZENE | ND | 1 | | | |
| TOLUENE | ND | 1 | | | |
| ETHYLBENZENE | ND | 1 | | | |
| M+P-XYLENE | ND | 1 | | | |
| O-XYLENE | ND | 1 | | | |
| NAPHTHALENE | ND | 1 | | | |
| Surr: DIBROMOFLUOROMETHANE | 25.6 | | 103 | 80-120 | |
| Surr: TOLUENE-D8 | 24.9 | | 99 | 80-120 | |
| Surr: 4-BROMOFLUOROBENZENE | 25 | | 100 | 80-120 | |

**The following samples were analyzed in this batch:** 2110525-2

**Client:** Randy Evans
**Work Order:** 2110525
**Project:** WPWT Facility

# QC BATCH REPORT

Batch ID: **IC211103-2-1** Instrument ID **IC3** Method: **EPA300.0**

**LCS** Sample ID: **IC211103-2** Units: **MG/L** Analysis Date: **11/3/2021 16:05**
Client ID: Run ID: **IC211103-1A1** Prep Date: **11/3/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FLUORIDE | 5.17 | 0.1 | 5 | | 103 | 90-110 | | | | 15 | |
| CHLORIDE | 10.5 | 0.2 | 10 | | 105 | 90-110 | | | | 15 | |
| SULFATE | 49.5 | 1 | 50 | | 99 | 90-110 | | | | 15 | |

**LCSD** Sample ID: **IC211103-2** Units: **MG/L** Analysis Date: **11/3/2021 17:17**
Client ID: Run ID: **IC211103-1A1** Prep Date: **11/3/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FLUORIDE | 5.24 | 0.1 | 5 | | 105 | 90-110 | | 5.17 | 1 | 15 | |
| CHLORIDE | 10.7 | 0.2 | 10 | | 107 | 90-110 | | 10.5 | 2 | 15 | |
| SULFATE | 49.8 | 1 | 50 | | 100 | 90-110 | | 49.5 | 0 | 15 | |

**MB** Sample ID: **IC211103-2** Units: **MG/L** Analysis Date: **11/3/2021 14:58**
Client ID: Run ID: **IC211103-1A1** Prep Date: **11/3/2021** 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:** 2110525-1

**Client:** Randy Evans
**Work Order:** 2110525
**Project:** WPWT Facility

# QC BATCH REPORT

Batch ID: **TD211026-1-1** Instrument ID **Balance** Method: **SM2540C**

**LCS** Sample ID: **TD211026-1** Units: **MG/L** Analysis Date: **11/3/2021**
Client ID: Run ID: **TD211103-1A1** Prep Date: **10/26/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL DISSOLVED SOLIDS | 382 | 20 | 400 | | 95 | 85-115 | | | | 14 | |

**LCSD** Sample ID: **TD211026-1** Units: **MG/L** Analysis Date: **11/3/2021**
Client ID: Run ID: **TD211103-1A1** Prep Date: **10/26/2021** DF: **1**

| Analyte | Result | ReportLimit | SPK Val | SPK Ref Value | %REC | Control Limit | Decision Level | RPD Ref | RPD | RPD Limit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL DISSOLVED SOLIDS | 393 | 20 | 400 | | 98 | 85-115 | | 382 | 3 | 14 | |

**MB** Sample ID: **TD211026-1** Units: **MG/L** Analysis Date: **11/3/2021**
Client ID: Run ID: **TD211103-1A1** Prep Date: **10/26/2021** DF: **1**

| Analyte | Result | ReportLimit | Qual |
|---|---|---|---|
| TOTAL DISSOLVED SOLIDS | ND | 20 | |

**The following samples were analyzed in this batch:** 2110525-1