



To: Perry and Jeanette Mose

CC: Joseph Alessi, PLS, CRA, GRI, BSME  
Alessi and Associates, Inc.

From: Julia M. Murphy, MS PG

Date: September 28, 2021

RE: Water Supply: Jeanette Mose Minor Subdivision

This Water Quality Report was completed for Perry and Jeanette Mose (“Applicants”) by Julia Murphy of Groundwater Investigations LLC (“GWI”), a Professional Geologist, in accordance with the requirements of the El Paso County Land Development Code and the Amendment to the Land Development Code dated August 27 2019 Section 8.4.7 (B)(10). Ms. Murphy has over 25 years’ experience in geologic and hydrogeologic investigations with 9 years experience in water quality sampling and analysis of drinking water aquifers with specialization in contaminant hydrogeology.

This report presents a description of groundwater sampling and analysis for the purpose of providing all necessary information for a determination of sufficiency in water quality for the Jeanette Mose Minor Subdivision water supply. The subdivision water supply is required to meet the Primary Drinking Water Regulations as defined by the Water Quality Control Commissions Regulation 11 under 5CCR 1002-1.

## **1.0 Site Location**

The proposed Jeanette Mose Minor Subdivision is located in a portion of Section 8, Township 12 South, Range 64 West of the 6<sup>th</sup> PM in El Paso County Colorado. (“Project Site”) (Figure 1). The Project Site is comprised of 6.12 acres and is situated within Upper Black Squirrel Designated Groundwater Basin and within the jurisdiction of Upper Black Squirrel Creek Designated Groundwater Management District. The Applicants intends to subdivide the property into two lots containing 3.12 acres “Lot 1” and 3.00 acres “Lot 2” (Figure 1).

## **2.0 Subdivision Water Source**

The Dawson aquifer will be the primary source of water to supply groundwater for in-home purposes, irrigation and domestic animals. Each home will discard wastewater through individual non-evaporative septic disposal system will be in compliance with and permitted by the El Paso County Department of Health and Environment. The treated water quality discharged to the subsurface will meet the water quality sufficiency requirement in compliance with Section 8.4.7(3)(d) of the El Paso County Land Development Code.

### **3.0 Sample Location**

A Dawson aquifer well does not exist within the Jeanette Mose Minor Subdivision, therefore a well completed in the Dawson aquifer located to the west at the Latigo Equestrian Center was selected for sampling. The selected Dawson aquifer well having permit number 146401 is located less than ½ mile of the Jeanette Mose Minor Subdivision in agreement with Section of the El Paso County Land Development Code Section 10(e) (Figure 2).

### **4.0 Sample Collection**

Representative water quality samples were collected by a representative of Semocor Incorporated on June 2, 2021. Water quality samples were received by the laboratory on June 4, 2021 and all holding times were met. A Chain of Custody was maintained for the transfer of samples to a Colorado Certified Laboratory and their subcontracted laboratory. Analytes included Inorganic Chemicals, Secondary Maximum Contaminants, Radionuclides, Bacteriological and Volatile Organic Compound. The Denver aquifer is a confined aquifer therefore Volatile Organic Compounds and Synthetic Organic Compounds(Attachment 1).

### **5.0 Analysis Results**

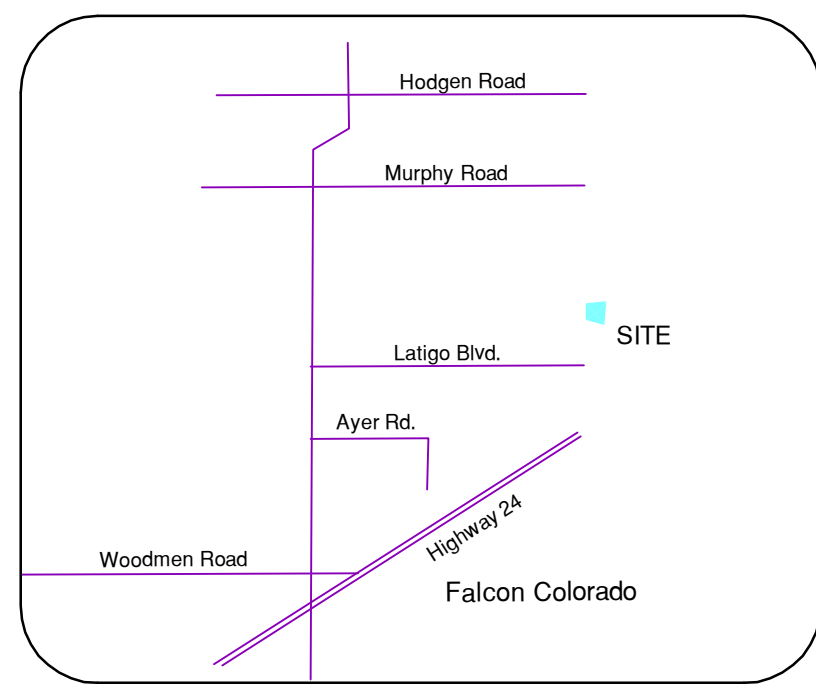
The analysis results for each constituent were compared to the Colorado Primary Drinking Water Standards maximum contaminant levels (MCL) and secondary MCLs. The primary MCL is the legal threshold limit on the amount of a substance that is allowed in public water systems under the Safe Drinking Water Act (SDWA). Private wells are not regulated under the SDWA however the El Paso County Public Health has required that subdivisions on wells evaluate their water supply based on the same criteria. All constituent concentrations are at or below the primary and secondary drinking water standards except for Radium 226 and 226 which had a combined value of 5.9 PCi/L, exceeding the MCL of 5 PCi/L.

### **6.0 Sources of Potential Contaminants**

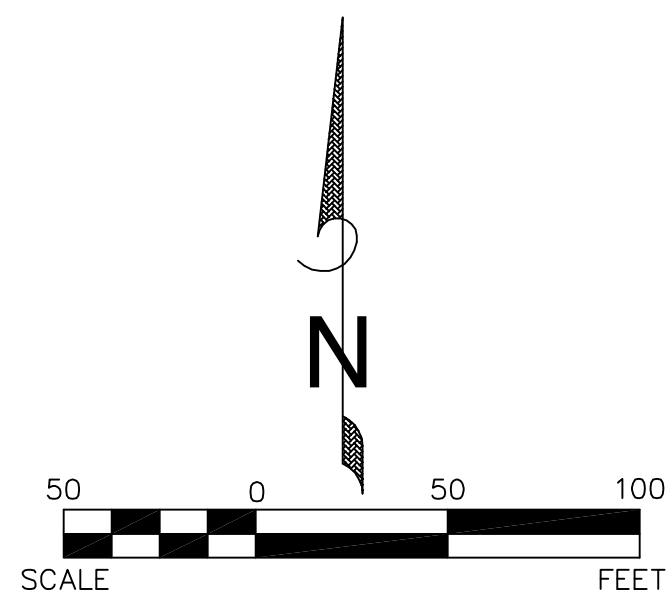
The Jeanette Mose Minor Subdivision is situated in a rural residential area surrounded by lots of 2.5 to 40 acres. There are no existing commercial sites except for Latigo Equestrian Center to the west. Zoning is rural residential and there are no proposed plan that would indicate future commercial or industrial use. Due to slow vertical infiltration as a result of impeding clay layers, there is a low possibility for on-site or off-site sources of potential water quality degradation. On-site septic system with leach field will be used to treat wastewater, however they are not considered a potential contaminant source when they are constructed in accordance with protective regulations regarding design and setbacks from the well.

# Jeanette Mose Subdivision

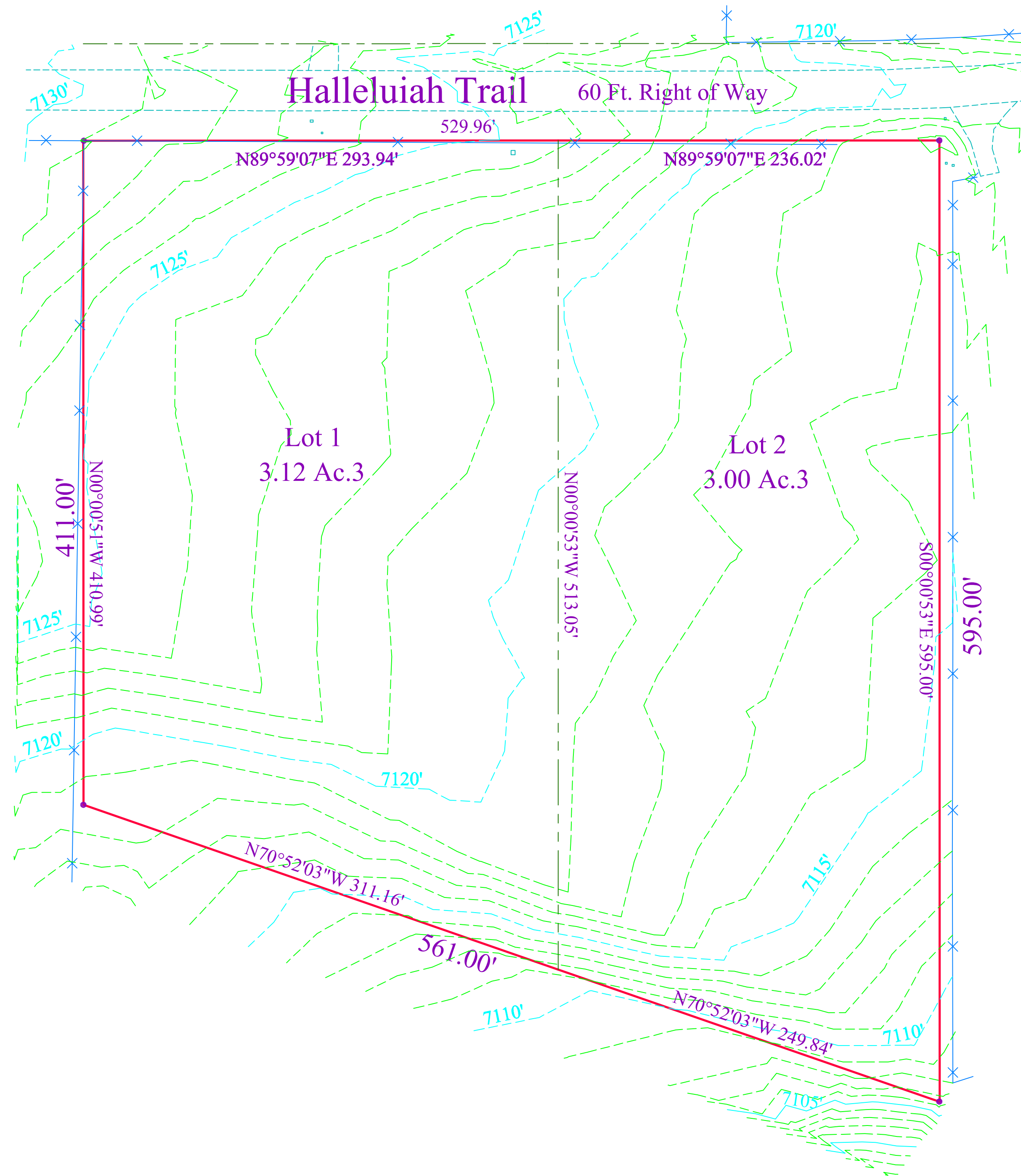
A portion of the Southeast Quarter of Section 8, Township 12 South, Range 64 West of the 6th P.M., County of El Paso, State of Colorado.



VICINITY MAP  
Not to Scale



Scale 1 inch = 50 feet



## Know All Men By These Presents:

That the undersigned, Gilbert Perry Mose Jr. and Jeanette Marie Mose, being the owner of the following described tract of land:

## To Wit:

A portion of the Southeast Quarter of Section 8, Township 12 South, Range 64 West of the 6th P.M., El Paso County, State of Colorado, described as follows:

FIGURE 1

## Dedication:

The above owner, having caused said tract of land to be platted into a lots and easements as shown on the plat, which subdivision shall be entitled "JEANETTE MOSE SUBDIVISION", a subdivision in El Paso County, Colorado. All easements platted are hereby dedicated to public use and said owner does hereby agree that proper drainage provided at the owner's expense and all to the satisfaction of the Board of County Commissioners of El Paso County, Colorado.

## In Witness Whereof:

The aforementioned Gilbert Perry Mose Jr. and Jeanette Marie Mose has executed this instrument this \_\_\_\_ Day of \_\_\_\_\_, 2020 A.D.

Gilbert Perry Mose Jr. and Jeanette Marie Mose

## Notarial:

State of Colorado )  
County of El Paso ) SS

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2020 A.D., by Gilbert Perry Mose Jr. and Jeanette Marie Mose

Witness my hand and seal \_\_\_\_\_  
Address \_\_\_\_\_

My Commission expires \_\_\_\_\_

## Surveyor's Certification:

The undersigned Colorado Professional Land Surveyor does hereby certify that the accompanying plat was surveyed and drawn under his direct responsibility and supervision and accurately shows the described tract of land and subdivision thereof, and that the requirements of Title 38 of the Colorado Revised Statutes 1983 as amended, have been met to the best of his professional knowledge, belief and opinion.

Joseph Alessi \_\_\_\_\_ Date  
Colorado Professional Land Surveyor No. 30130



## Board of County Commissioners Certificate:

This Plat "JEANETTE MOSE SUBDIVISION" was approved for filing by the El Paso County, Colorado Board of Commissioners on the \_\_\_\_ day of \_\_\_\_\_, 2020, subject to any notes specified hereon and any conditions included in the resolution of approval. The dedications of land to the public streets and easements are accepted, but public improvements thereon will not become the maintenance responsibility of El Paso County until preliminary acceptance of the public improvements in accordance with the requirements of the Land Development Code and Engineering Criteria Manual, and the Subdivision Improvements Agreement.

Chair, Board of County Commissioners \_\_\_\_\_ Date \_\_\_\_\_

Executive Director, Planning and Community Development \_\_\_\_\_ Date \_\_\_\_\_

## Recordings:

State of Colorado )  
County of El Paso ) SS

I hereby certify that this instrument was filed for record in my office at \_\_\_\_\_ O'clock \_\_\_\_\_ M. this \_\_\_\_ Day of \_\_\_\_\_, 2020 A.D., and is duly recorded under Reception Number \_\_\_\_\_ of the records of El Paso County, State of Colorado.

Chuck Broirman, Recorder  
By: \_\_\_\_\_ Date \_\_\_\_\_

## Total Acreage:

Lot 1 = 3.12 Acres  
Lot 2 = 3.00 Acres  
Total = 6.12 Acres

## Flood Statement:

This site, "JEANETTE MOSE SUBDIVISION" is NOT within a designated F.E.M.A. Floodplain as determined by the Flood Insurance Rate Map, Community Panel Number 08041C0339G, effective December 7, 2018.

## Easements:

Unless otherwise indicated, all side, front, and rear lot lines are hereby platted on either side with a 10 foot public utility and drainage easement. All exterior subdivision boundaries are hereby platted with a 20 foot public utility and drainage easement. The sole responsibility for maintenance of these easements is hereby vested with the individual property owners.

## Service Providers:

Tri-Lakes Monument Fire Protection District  
Individual Sewage Disposal Systems  
Domestic Wells

## Legend:

- Found Monument as Shown
- Set #5 Rebar with Yellow Plastic Cap PLS #30130

## Fees:

Park Fee: \_\_\_\_\_ School Fee: \_\_\_\_\_  
Surcharge: \_\_\_\_\_  
Fee: \_\_\_\_\_

## Notice:

According to Colorado Law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of certification shown hereon.

## Notes:

- 1... This survey does not constitute a title search by Alessi and Associates, Inc., to determine ownership or easements of record. For information regarding easements, rights of way, Alessi and Associates, Inc. relied upon the Title Policy prepared by Land Title Guarantee Company of Colorado, File Number SC55074893-2, dated February 14, 2019.
- 2... "The property owner, its successors and assigns, and all future lot owners in this development are hereby on notice that they may be required to comply with applicable rules, if any, of the Colorado Ground Water Commission and/or the Upper Black Squirrel Creek Ground Water Management District, which compliance may result in a reduction of well withdrawal limits, and thus a reduction in water availability."
- 3... Basis of Bearings as shown, North determined by Leica GPS 1200 System. Monumentation, as shown.
- 4... Sewage treatment is the responsibility of each individual property owner. The El Paso County Health Department and Environment must approve each system and, in some cases the Department may require an engineer designed system prior to permit approval.
- 5... Individual wells are the responsibility of each property owner. Permits for individual wells must be obtained from the State Engineer who by law has the authority to set conditions for the issuance of these permits.
- 6... Water in the Denver Basin Aquifers is allocated based on a 100-year aquifer life; however, for El Paso County planning purposes, water in the Denver Basin Aquifers is elevated based on a 300-year aquifer life. Applicants, the Home Owners Association, and all future owners in the subdivision should be aware that the economic life of a water supply based on wells in a given Denver Basin Aquifer may be less than either the 100 years or 300 years indicated due to anticipated water level declines. Furthermore, the water supply plan should not rely solely upon non-renewable aquifers. Alternative renewable water resources should be acquired and incorporated in a permanent water supply plan that provides future generations with a water supply.
- 7... No driveway shall be established unless an access permit has been granted by El Paso County.
- 8... All Property owners are responsible for maintaining proper storm drainage in and through their property. Public drainage easements as specifically noted on the plat shall be maintained by the individual lot owners unless otherwise indicated. Structures, fences, materials or landscaping that could impede the flow of runoff shall not be placed in drainage easements.

- 9... Mailboxes shall be installed in accordance with all El Paso County Department of Transportation and United States Postal Service regulations.
- 10... Developer shall comply with federal and state laws, regulations, ordinances, review and permit requirements, and other agency requirements, if any, of applicable agencies including, but not limited to, the Colorado Department of Wildlife, Colorado Department of Transportation, U.S. Army Corps of Engineers, the U.S. Fish & Wildlife Service regarding the Endangered Species Act, particularly as it relates to the Preble's Meadow Jumping Mouse as a listed threatened species.
- 11... The following reports have been submitted and are on file at the Planning and Community Development Department: Soils and Geological, Water Supply, Drainage Report and Sewage Disposal.
- 12... All structural foundations shall be located and designed by a Professional Engineer, currently registered in the State of Colorado. Natural drainage locations shall be avoided by construction and site-specific foundation/septic investigations shall be required.
- 13... No Structures or major material storage activities are permitted within the designated drainage easements, except fences; fences shall not impede runoff from reaching drainage swales.
- 14... The addresses exhibited on this plat are for informational purposes only. They are not the legal description and are subject of change.
- 15... Property within this subdivision is subject to the terms and provisions of the El Paso County Road Impact Fee Program (Resolution 18-471) and any subsequent amendments. Fees for each lot within this subdivision shall be paid in full at the time of building permit issuance.
- 16... The private roads as shown on this plat will not be maintained by El Paso County until and unless the streets are constructed in conformance with El Paso County standards in effect at the date of the request for dedication and maintenance.



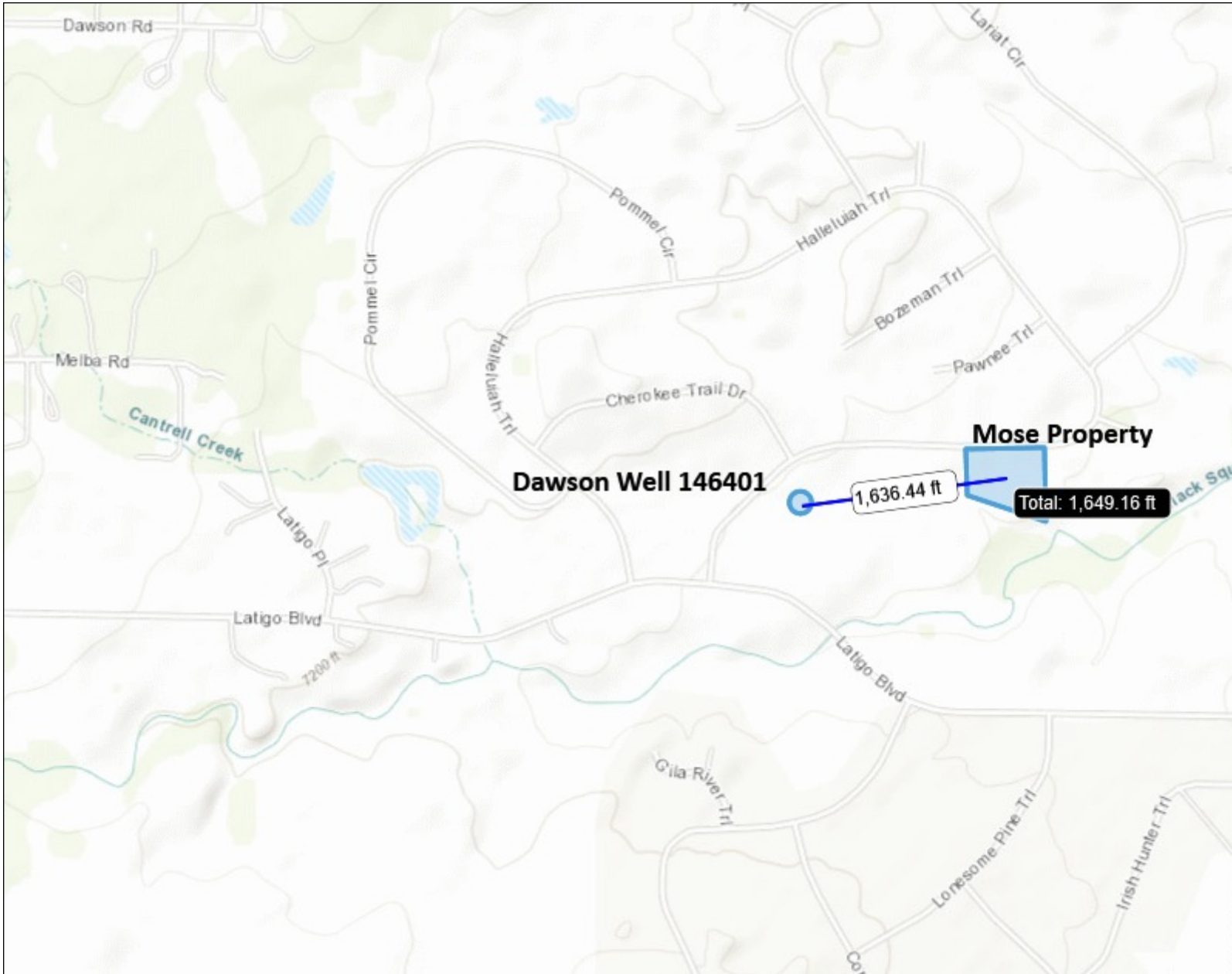
**ALESSI and ASSOCIATES, Inc.**  
APPRAISERS • ENGINEERS • SURVEYORS  
2989 Broadmoor Valley Road, Suite C  
Colorado Springs, CO 80906  
Tele. 719/540-8832  
Fax 719/540-2781

A portion of the SE 1/4 of Section 8, Township 12 South, Range 64 West  
6th Principle Meridian, El Paso County, Colorado

Job No. 201005 JEANETTE MOSE SUB. DATE February 14, 2020



# Water Quality Sample Location



### Legend

- County

### Location

### Notes

Jeanette Mose Subdivision

FIGURE 2

2,339 0 1,169 2,339 Feet

1: 14,032



*This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.*

Date Prepared: 9/5/2021 10:11:27 AM



**Hazen Research, Inc.**  
4601 Indiana Street  
Golden, CO 80403 USA  
Tel: (303) 279-4501  
Fax: (303) 278-1528

Lab Control ID: 21M02097  
Received: Jun 04, 2021  
Reported: Jun 22, 2021  
Purchase Order No.  
None Received

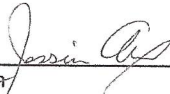
Customer ID: 20040H  
Account ID: Z01034

Stuart Nielson  
Colorado Analytical Laboratories, Inc.  
10411 Heinz Way  
Commerce City, CO 80640

ATTACHMENT 1

# ANALYTICAL REPORT

*Report may only be copied in its entirety.  
Results reported herein relate only to discrete samples  
submitted by the client. Hazen Research, Inc. does not warrant  
that the results are representative of anything other than the  
samples that were received in the laboratory*

By:   
\_\_\_\_\_  
Jessica Axen  
Analytical Laboratories Director



**Hazen Research, Inc.**  
 4601 Indiana Street  
 Golden, CO 80403 USA  
 Tel: (303) 279-4501  
 Fax: (303) 278-1528

Lab Control ID: 21M02097  
 Received: Jun 04, 2021  
 Reported: Jun 22, 2021  
 Purchase Order No.  
 None Received

Customer ID: 20040H  
 Account ID: Z01034

**ANALYTICAL REPORT**

Stuart Nielson  
 Colorado Analytical Laboratories, Inc.

|                           |              |   |               |                           |                            |               |                                 |                |
|---------------------------|--------------|---|---------------|---------------------------|----------------------------|---------------|---------------------------------|----------------|
| <b>Lab Sample ID</b>      |              | 21M02097-001  |               |                           |                            |               |                                 |                |
| <b>Customer Sample ID</b> |              | 210602122-01 - Latigo<br>sampled on 06/02/21 @ 1310 |               |                           |                            |               |                                 |                |
| <b>Parameter</b>          | <b>Units</b> | <b>Code</b>   | <b>Result</b> | <b>Precision*<br/>+/-</b> | <b>Detection<br/>Limit</b> | <b>Method</b> | <b>Analysis<br/>Date / Time</b> | <b>Analyst</b> |
| Gross Alpha               | pCi/L        | T   | 3.1           | 1.9                       | 0.2                        | SM 7110 B     | 6/15/21 @ 0915                  | KT             |
| Gross Beta                | pCi/L        | T   | 4.8           | 2.5                       | 4.2                        | SM 7110 B     | 6/15/21 @ 0915                  | KT             |
| Radium-226                | pCi/L        | T   | NR            |                           |                            | SM 7500-Ra B  |                                 |                |
| Radium-228                | pCi/L        | T   | NR            | -                         | -                          | EPA Ra-05     | -                               | -              |

NR - Not Requested - Analysis not requested on this sample.

Certification ID's: CO/EPA CO00008

\*Variability of the radioactive decay process (counting error) at the 95% confidence level, 1.96 sigma.

Codes: (T) = Total (D) = Dissolved (S) = Suspended (R) = Total Residual (AR) = As Received < = Less Than

Customer ID: 20040H  
 Account ID: Z01034  
**ANALYTICAL REPORT**

Stuart Nielson  
 Colorado Analytical Laboratories, Inc.

|                           |              |             |  |                           |                            |               |                                 |                |
|---------------------------|--------------|-------------|--|---------------------------|----------------------------|---------------|---------------------------------|----------------|
| <b>Lab Sample ID</b>      |              |             | 21M02097-002   |                           |                            |               |                                 |                |
| <b>Customer Sample ID</b> |              |             | 210602122-01A - Latigo<br>sampled on 06/02/21 @ 1310 |                           |                            |               |                                 |                |
| <b>Parameter</b>          | <b>Units</b> | <b>Code</b> | <b>Result</b>  | <b>Precision*<br/>+/-</b> | <b>Detection<br/>Limit</b> | <b>Method</b> | <b>Analysis<br/>Date / Time</b> | <b>Analyst</b> |
| Gross Alpha               | pCi/L        | T           | NR   | -                         | -                          | SM 7110 B     | -                               | -              |
| Gross Beta                | pCi/L        | T           | NR   | -                         | -                          | SM 7110 B     | -                               | -              |
| Radium-226                | pCi/L        | T           | 1.7  | 0.6                       | 0.1                        | SM 7500-Ra B  | 6/4/21 @ 1253                   | AS             |
| Radium-228                | pCi/L        | T           | 4.2  | 1.0                       | 0.3                        | EPA Ra-05     | 6/11/21 @ 1217                  | JR             |

NR - Not Requested - Analysis not requested on this sample.

Certification ID's: CO/EPA CO00008

\*Variability of the radioactive decay process (counting error) at the 95% confidence level, 1.96 sigma.

Codes: (T) = Total (D) = Dissolved (S) = Suspended (R) = Total Residual (AR) = As Received < = Less Than

**Batch QC Summary Form**

Analyte: Gross Alpha

Control Standard/LFB: ID: C-11 pCi/mL: 57.4 (use 1 diluted)

Spike Solution: ID: C-11 pCi/mL: 57.4 (use 1 mL)

Spike Recovery Calculation: Sample: Tap\*

$$\text{Calculation: } \frac{(52.1) (1.000) - (0.8) (0.200)}{57.4} \times 100 = 90\%$$

Batch QC Evaluation:

| Parameter        | Criteria                        | Pass | Fail | N/A |
|------------------|---------------------------------|------|------|-----|
| Control Std./LFB | +/- 30 %                        | x    |      |     |
| Spike Recovery   | 70 - 130 %                      | x    |      |     |
| Blank            | < or = 3 x Uncertainty          | x    |      |     |
| Duplicate 1      | 95% confidence interval overlap | x    |      |     |
| Duplicate 2 *    | 95% confidence interval overlap |      |      | x   |

\* Required for batch size greater than 10 samples.

Conclusions:

    x Batch QC Passes\*\*  
       Batch QC Fails  
       Batch QC Passes, with exceptions\*\*:

Reruns Required: \_\_\_\_\_

Narrative:

\*\*All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

21M02097 \_\_\_\_\_  
21M02098 \_\_\_\_\_  
21M02099 \_\_\_\_\_  
21M02104 \_\_\_\_\_  
21M02167 \_\_\_\_\_  
21M02168 \_\_\_\_\_  
21M02169 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Evaluator:  
*Gymea Rockwell* \_\_\_\_\_

06/17/2021  
 \_\_\_\_\_  
 Date



**HAZEN RESEARCH, INC.  
RADIOCHEMISTRY LABORATORY**

Date: 06/15/2021

**Batch QC Summary Form**

Analyte: Gross Beta

Control Standard/LFB: ID: C-11 pCi/mL: 44 (use 1 diluted)

Spike Solution: ID: C-11 pCi/mL: 44 (use 1 mL)

Spike Recovery Calculation: Sample: Tap\*

$$\text{Calculation: } \frac{(42.2) - (1.000) - (0.0)}{44} \times 100 = 96\%$$

Batch QC Evaluation:

| Parameter        | Criteria                        | Pass | Fail | N/A |
|------------------|---------------------------------|------|------|-----|
| Control Std./LFB | +/- 20 %                        | x    |      |     |
| Spike Recovery   | 80 - 120 %                      | x    |      |     |
| Blank            | < or = 3 x Uncertainty          | x    |      |     |
| Duplicate 1      | 95% confidence interval overlap | x    |      |     |
| Duplicate 2 *    | 95% confidence interval overlap |      |      | x   |

\* Required for batch size greater than 10 samples.

Conclusions:

     x Batch QC Passes\*\*  
     Batch QC Fails  
     Batch QC Passes, with exceptions\*\*:

Reruns Required: \_\_\_\_\_

Narrative:

\*\*All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

21M02097 \_\_\_\_\_  
21M02098 \_\_\_\_\_  
21M02099 \_\_\_\_\_  
21M02104 \_\_\_\_\_  
21M02167 \_\_\_\_\_  
21M02168 \_\_\_\_\_  
21M02169 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Evaluator:  
*Gynnea Rockwell* \_\_\_\_\_

\_\_\_\_\_ 06/17/2021  
 Date

**Batch QC Summary Form**

Analyte: Radium-226

Control Standard/LFB: ID: NBL-6A pCi/mL: 23 (use 2 diluted)

Spike Solution: ID: NBL-6A pCi/mL: 23 (use 2 mL)

Spike Recovery Calculation: Sample: 21M02057-1a

$$\text{Calculation: } \frac{(52.0) (1.000) - (1.5) (1.000)}{46} \times 100 = 110\%$$

Batch QC Evaluation:

| Parameter        | Criteria                        | Pass | Fail | N/A |
|------------------|---------------------------------|------|------|-----|
| Control Std./LFB | +/- 20 %                        | x    |      |     |
| Spike Recovery   | 80 - 120 %                      | x    |      |     |
| Blank            | < or = 3 x Uncertainty          | x    |      |     |
| Duplicate 1      | 95% confidence interval overlap | x    |      |     |
| Duplicate 2 *    | 95% confidence interval overlap | x    |      |     |

\* Required for batch size greater than 10 samples.

Conclusions:

  x   Batch QC Passes\*\*  
       Batch QC Fails  
       Batch QC Passes, with exceptions\*\*:

Reruns Required: \_\_\_\_\_

Narrative:

\*\*All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

21M02057 \_\_\_\_\_  
21M01941 \_\_\_\_\_  
21M02090 \_\_\_\_\_  
21M02091 \_\_\_\_\_  
21M02058 \_\_\_\_\_  
21M02097 \_\_\_\_\_  
21M02104 \_\_\_\_\_  
21M02105 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Evaluator:  
 \_\_\_\_\_

06/08/2021  
 \_\_\_\_\_  
 Date

**HAZEN RESEARCH, INC.  
RADIOCHEMISTRY LABORATORY**

Date: 06/11/2021

**Batch QC Summary Form**

Analyte: Radium-228

Control Standard/LFB: ID: NBL-7A pCi/mL: 13.2 (use 10 diluted)

Spike Solution: ID: NBL-7A pCi/mL: 13.2 (use 10 mL)

Spike Recovery Calculation: Sample: 21M02056-02b

$$\text{Calculation: } \frac{(156.8) - (0.900) - (1.4) - (0.900)}{132} \times 100 = 106\%$$

Batch QC Evaluation:

| Parameter        | Criteria                        | Pass | Fail | N/A |
|------------------|---------------------------------|------|------|-----|
| Control Std./LFB | +/- 20 %                        | x    |      |     |
| Spike Recovery   | 80 - 120 %                      | x    |      |     |
| Blank            | < or = 3 x Uncertainty          | x    |      |     |
| Duplicate 1      | 95% confidence interval overlap | x    |      |     |
| Duplicate 2 *    | 95% confidence interval overlap |      |      | x   |

\* Required for batch size greater than 10 samples.

Conclusions:

  x Batch QC Passes\*\*  
       Batch QC Fails  
       Batch QC Passes, with exceptions\*\*:

Reruns Required: \_\_\_\_\_

Narrative:

\*\*All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

21M02056 \_\_\_\_\_  
21M02090 \_\_\_\_\_  
21M02091 \_\_\_\_\_  
21M02097 \_\_\_\_\_  
21M02104 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Evaluator:  
*Olan Blair* \_\_\_\_\_

06/18/2021  
 \_\_\_\_\_  
 Date



Ship To: Hazen Research  
1 of 1

Sub-Lab Chain of Custody Form

2/1/02097

|   |   |
|---|---|
| <b>Report To Information</b><br>Company Name: <u>Colorado Analytical Laboratory</u><br>Report To: <u>Stuart Nielson</u><br>E-Mail: <u>stuartnielson@coloradolab.com</u><br>Address:<br><u>10411 Heinz Way</u><br><u>Commerce City, CO 80640</u><br>Phone: <u>303-559-2313</u> | <b>Bill To Information (if different from report to)</b><br>Project Name<br><u>Moose Sub.</u><br>Compliance Samples: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/><br>Submit Data to CDPHE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| <b>Address:</b><br><u>10411 Heinz Way</u><br><u>Commerce City, CO 80640</u><br>Phone: <u>303-559-2313</u>   | <b>CAL TASK</b><br><u>210602122</u><br><u>ARF</u>   |

**Tests Requested**

| Sample Date/Time | Sample ID              | Matrix           | Container Type         |
|------------------|------------------------|------------------|------------------------|
| 6/2/21 1:10 PM   | 210602122-01 - Latigo  | Water - Drinking | 1L Cylinder - HNO3     |
| 6/2/21 1:10 PM   | 210602122-01A - Latigo | Water - Drinking | 3 - 1L Cylinder - HNO3 |

Comment:

|  |                                   |   |                                   |
|--|-----------------------------------|---|-----------------------------------|
| Relinquished by:<br>(Signature)<br><u>A. Foltz</u> | Date: Time:<br><u>6/2/21 1400</u> | Relinquished by:<br>(Signature)<br><u>[Signature]</u> | Date: Time:<br><u>6/2/21 1044</u> |
| Received by:<br>(Signature)<br><u>[Signature]</u>  | Date: Time:<br><u>6/2/21 1044</u> | Received by:<br>(Signature)<br><u>[Signature]</u>     | Date: Time:<br><u>6/2/21 1044</u> |

5034 7055 3670

Redd Pres

**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker  
**Company:** Semocor Inc.  
 3995 South Castlewood Canyon  
 Castle Rock CO 80104

**Bill To:** Accounts Payable  
**Company:** Semocor Inc.  
 3995 South Castlewood Canyon  
 Castle Rock CO 80104

|   |  |
|---|--|
| <b>Task No.:</b> 210602124<br><b>Client PO:</b> Mose Sub.<br><b>Client Project:</b> Mose Sub. | <b>Date Received:</b> 6/2/21<br><b>Date Reported:</b> 6/11/21<br><b>Matrix:</b> Water - Drinking |
|---|--|

| Lab Number    | Customer Sample ID | Sample Date/Time | Test                     | Result                         | Method             | Date Analyzed    |
|---------------|--------------------|------------------|--------------------------|--------------------------------|--------------------|------------------|
| 210602124-01B | Latigo             | 6/2/21 1:10 PM   | Total Coliform<br>E-Coli | <b>Absent</b><br><b>Absent</b> | SM 9223<br>SM 9223 | 6/3/21<br>6/3/21 |

**Abbreviations/ References:**

Absent = Coliform Not Detected  
 Present = Coliform Detected - Chlorination Recommended  
 Date Analyzed = Date Test Completed  
 SM = "Standard Methods for the Examination of Water and Wastewater"; APHA; 19th Edition; 1995



DATA APPROVED FOR RELEASE BY

**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID:** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test                       | Result      | Method    | ML        | Date Analyzed | Analyzed By | MCL  |
|----------------------------|-------------|-----------|-----------|---------------|-------------|------|
| Fluoride                   | 0.26 mg/L   | EPA 300.0 | 0.10 mg/L | 6/3/21        | MAT         | 4    |
| Nitrate Nitrogen           | < 0.05 mg/L | EPA 300.0 | 0.05 mg/L | 6/3/21        | MAT         | 10   |
| Nitrite Nitrogen           | < 0.03 mg/L | EPA 300.0 | 0.03 mg/L | 6/3/21        | MAT         | 1    |
| Dibromochloropropane       | < 0.02 ug/L | EPA 504.1 | 0.02 ug/L | 6/3/21        | SPF         | 0.2  |
| Ethylene dibromide         | < 0.01 ug/L | EPA 504.1 | 0.01 ug/L | 6/3/21        | SPF         | 0.05 |
| Aldrin                     | < 0.05 ug/L | EPA 505   | 0.05 ug/L | 6/3/21        | SPF         |      |
| Chlordane                  | < 0.2 ug/L  | EPA 505   | 0.2 ug/L  | 6/3/21        | SPF         | 2    |
| Dieldrin                   | < 0.05 ug/L | EPA 505   | 0.05 ug/L | 6/3/21        | SPF         |      |
| Endrin                     | < 0.01 ug/L | EPA 505   | 0.01 ug/L | 6/3/21        | SPF         | 2    |
| Heptachlor epoxide         | < 0.02 ug/L | EPA 505   | 0.02 ug/L | 6/3/21        | SPF         | 0.2  |
| Hexachlorobenzene          | < 0.1 ug/L  | EPA 505   | 0.1 ug/L  | 6/3/21        | SPF         | 1    |
| Hexachlorocyclopentadiene  | < 0.1 ug/L  | EPA 505   | 0.1 ug/L  | 6/3/21        | SPF         | 50   |
| Lindane                    | < 0.02 ug/L | EPA 505   | 0.02 ug/L | 6/3/21        | SPF         | 0.2  |
| Methoxychlor               | < 0.1 ug/L  | EPA 505   | 0.1 ug/L  | 6/3/21        | SPF         | 40   |
| Polychlorinated biphenyl's | < 0.1 ug/L  | EPA 505   | 0.1 ug/L  | 6/3/21        | SPF         | 0.5  |
| Toxaphene                  | < 1 ug/L    | EPA 505   | 1 ug/L    | 6/3/21        | SPF         | 3    |
| 2,4,5-TP                   | < 0.2 ug/L  | EPA 515.4 | 0.2 ug/L  | 6/5/21        | MBS         | 50   |
| 2,4,-D                     | < 0.1 ug/L  | EPA 515.4 | 0.1 ug/L  | 6/5/21        | MBS         | 70   |
| Dalapon                    | < 1.0 ug/L  | EPA 515.4 | 1.0 ug/L  | 6/5/21        | MBS         | 200  |
| Dicamba                    | < 0.5 ug/L  | EPA 515.4 | 0.5 ug/L  | 6/5/21        | MBS         |      |

**Abbreviations/ References:**

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MCL = Maximum Contaminant Level per The EPA  
mg/L = Milligrams Per Liter or PPM  
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mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed



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**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test                      | Result      | Method    | ML        | Date Analyzed | Analyzed By | MCL |
|---------------------------|-------------|-----------|-----------|---------------|-------------|-----|
| Dinoseb                   | < 0.2 ug/L  | EPA 515.4 | 0.2 ug/L  | 6/5/21        | MBS         | 7   |
| Pentachlorophenol         | < 0.04 ug/L | EPA 515.4 | 0.04 ug/L | 6/5/21        | MBS         | 1   |
| Picloram                  | < 0.1 ug/L  | EPA 515.4 | 0.1 ug/L  | 6/5/21        | MBS         | 500 |
| Alachlor                  | < 0.2 ug/L  | EPA 525.2 | 0.2 ug/L  | 6/9/21        | MBS         | 2   |
| Atrazine                  | < 0.1 ug/L  | EPA 525.2 | 0.1 ug/L  | 6/9/21        | MBS         | 3   |
| Benzo(a)pyrene            | < 0.02 ug/L | EPA 525.2 | 0.02 ug/L | 6/9/21        | MBS         | 0.2 |
| Butachlor                 | < 0.25 ug/L | EPA 525.2 | 0.25 ug/L | 6/9/21        | MBS         |     |
| Di(2-ethylhexyl)adipate   | < 0.6 ug/L  | EPA 525.2 | 0.6 ug/L  | 6/9/21        | MBS         | 400 |
| Di(2-ethylhexyl)phthalate | < 0.6 ug/L  | EPA 525.2 | 0.6 ug/L  | 6/9/21        | MBS         | 6   |
| Heptachlor                | < 0.04 ug/L | EPA 525.2 | 0.04 ug/L | 6/9/21        | MBS         | 0.4 |
| Metolachlor               | < 0.25 ug/L | EPA 525.2 | 0.25 ug/L | 6/9/21        | MBS         |     |
| Metribuzin                | < 0.25 ug/L | EPA 525.2 | 0.25 ug/L | 6/9/21        | MBS         |     |
| Propachlor                | < 0.25 ug/L | EPA 525.2 | 0.25 ug/L | 6/9/21        | MBS         |     |
| Simazine                  | < 0.07 ug/L | EPA 525.2 | 0.07 ug/L | 6/9/21        | MBS         | 4   |
| 3-Hydroxycarbofuran       | < 0.5 ug/L  | EPA 531.1 | 0.5 ug/L  | 6/8/21        | SPF         |     |
| Aldicarb                  | < 0.6 ug/L  | EPA 531.1 | 0.6 ug/L  | 6/8/21        | SPF         |     |
| Aldicarb sulfone          | < 1.0 ug/L  | EPA 531.1 | 1.0 ug/L  | 6/8/21        | SPF         |     |
| Aldicarb sulfoxide        | < 0.7 ug/L  | EPA 531.1 | 0.7 ug/L  | 6/8/21        | SPF         |     |
| Carbaryl                  | < 0.5 ug/L  | EPA 531.1 | 0.5 ug/L  | 6/8/21        | SPF         |     |
| Carbofuran                | < 0.9 ug/L  | EPA 531.1 | 0.9 ug/L  | 6/8/21        | SPF         | 40  |
| Methomyl                  | < 0.5 ug/L  | EPA 531.1 | 0.5 ug/L  | 6/8/21        | SPF         |     |

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mpn/100 mls = Most Probable Number Index/ 100 mls  
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DATA APPROVED FOR RELEASE BY

**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test                      | Result     | Method    | ML       | Date Analyzed | Analyzed By | MCL |
|---------------------------|------------|-----------|----------|---------------|-------------|-----|
| Oxamyl                    | < 1.0 ug/L | EPA 531.1 | 1.0 ug/L | 6/8/21        | SPF         | 200 |
| Endothall                 | < 9 ug/L   | EPA 548.1 | 9 ug/L   | 6/9/21        | MBS         | 100 |
| Diquat                    | < 0.4 ug/L | EPA 549.2 | 0.4 ug/L | 6/4/21        | SPF         | 20  |
| 1,1,1,2-Tetrachloroethane | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,1,1-Trichloroethane     | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 200 |
| 1,1,2,2-Tetrachloroethane | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,1,2-Trichloroethane     | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |
| 1,1-Dichloroethane        | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,1-Dichloroethylene      | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 7   |
| 1,1-Dichloropropene       | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,2,3-Trichlorobenzene    | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,2,3-Trichloropropane    | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,2,4-Trichlorobenzene    | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 70  |
| 1,2,4-Trimethylbenzene    | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,2-Dichloroethane        | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |
| 1,2-Dichloropropane       | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |
| 1,3,5-Trimethylbenzene    | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,3-Dichloropropane       | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| 1,3-Dichloropropene       | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Benzene                   | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |

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mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313  
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507



**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker  
**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable  
**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test                     | Result     | Method    | ML       | Date Analyzed | Analyzed By | MCL |
|--------------------------|------------|-----------|----------|---------------|-------------|-----|
| Bromobenzene             | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Bromochloromethane       | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Bromodichloromethane     | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Bromoform                | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Bromomethane             | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Carbon Tetrachloride     | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |
| Chlorodibromomethane     | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Chloroethane             | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Chloroform               | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Chloromethane            | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| cis-1,2-Dichloroethylene | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 70  |
| Dibromomethane           | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Dichlorodifluoromethane  | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Dichloromethane          | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 5   |
| Ethylbenzene             | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 700 |
| Fluorotrichloromethane   | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Hexachlorobutadiene      | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Isopropylbenzene         | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| m-Dichlorobenzene        | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| Monochlorobenzene        | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         | 100 |
| Naphthalene              | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |
| n-Butylbenzene           | < 0.5 ug/L | EPA-524.2 | 0.5 ug/L | 6/6/21        | LEH         |     |

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mpn/100 mls = Most Probable Number Index/ 100 mls  
Date Analyzed = Date Test Completed



DATA APPROVED FOR RELEASE BY

**Analytical Results**

**TASK NO: 210602124**

**Report To:** Will Parker  
**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable  
**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test                       | Result       | Method    | ML         | Date Analyzed | Analyzed By | MCL   |
|----------------------------|--------------|-----------|------------|---------------|-------------|-------|
| n-Propylbenzene            | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| o-Chlorotoluene            | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| o-Dichlorobenzene          | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 600   |
| Para-Dichlorobenzene       | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 75    |
| p-Chlorotoluene            | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| p-Isopropyltoluene         | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| sec-Butylbenzene           | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| Styrene                    | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 100   |
| tert-Butylbenzene          | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         |       |
| Tetrachloroethylene        | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 5     |
| Toluene                    | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 1000  |
| Total Trihalomethanes      | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 80    |
| trans-1,2-Dichloroethylene | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 100   |
| Trichloroethylene          | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 5     |
| Vinyl chloride             | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 2     |
| Xylenes (total)            | < 0.5 ug/L   | EPA-524.2 | 0.5 ug/L   | 6/6/21        | LEH         | 10000 |
| <b>Total</b>               |              |           |            |               |             |       |
| Sodium                     | 9.6 mg/L     | EPA 200.7 | 0.1 mg/L   | 6/8/21        | MBN         | N/A   |
| Antimony                   | < 0.001 mg/L | EPA 200.8 | 0.001 mg/L | 6/3/21        | IPC         | 0.006 |
| Arsenic                    | < 0.001 mg/L | EPA 200.8 | 0.001 mg/L | 6/3/21        | IPC         | 0.01  |

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DATA APPROVED FOR RELEASE BY

## Analytical Results

**TASK NO: 210602124**

**Report To:** Will Parker

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Bill To:** Accounts Payable

**Company:** Semocor Inc.  
3995 South Castlewood Canyon  
Castle Rock CO 80104

**Task No.:** 210602124  
**Client PO:** Mose Sub.  
**Client Project:** Mose Sub.

**Date Received:** 6/2/21  
**Date Reported:** 6/11/21  
**Matrix:** Water - Drinking

**Customer Sample ID:** Latigo  
**Sample Date/Time:** 6/2/21 1:10 PM  
**Lab Number:** 210602124-01

| Test         | Result        | Method    | ML          | Date Analyzed | Analyzed By | MCL   |
|--------------|---------------|-----------|-------------|---------------|-------------|-------|
| <i>Total</i> |               |           |             |               |             |       |
| Barium       | 0.132 mg/L    | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 2     |
| Beryllium    | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 0.004 |
| Cadmium      | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 0.005 |
| Chromium     | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 0.1   |
| Mercury      | < 0.0001 mg/L | EPA 200.8 | 0.0001 mg/L | 6/3/21        | IPC         | 0.002 |
| Nickel       | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | N/A   |
| Selenium     | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 0.05  |
| Thallium     | < 0.001 mg/L  | EPA 200.8 | 0.001 mg/L  | 6/3/21        | IPC         | 0.002 |
| Uranium      | < 0.0002 mg/L | EPA 200.8 | 0.0002 mg/L | 6/4/21        | IPC         | 0.03  |

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DATA APPROVED FOR RELEASE BY

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313  
Mailing Address: P.O. Box 507 / Brighton, CO 80601-0507

Drinking Water Chain of Custody



LABORATORY # 188

Commerce City Lab  
10411 Heinz Way  
Commerce City CO 800640

Lakewood Service Center  
12860 W. Cedar Dr, Suite 100A  
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information

Company Name: Semcoor Inc.  
Contact Name: Will S. Parker  
Address:  
3995 S. Castlewood Canyon Road  
City: Castle Rock State: CO Zip: 80104  
Phone: 303-681-2253  
Email: willsemcoor@hotmail.com

Bill To Information (If different from report to)

Company Name: Semcoor Inc.  
Contact Name: Will S. Parker  
Address:  
3995 S. Castlewood Canyon Road  
City: Castle Rock State: CO Zip: 80104  
Phone: 303-681-2253  
Email: willsemcoor@hotmail.com

Project Information

PWSID: N/A  
System Name: MASE SOB  
Compliance Samples: Yes  No   
Send Results to CDPHE: Yes  No   
Task Number (Lab Use Only): CAL T ask  
210602124  
ARF

Sample Collector: Mark Dufresne  
Sample Collector Phone: 303-319-6244

PO Number:

PHASE I, II, V Drinking Water Analyses (check requested analysis)

| Date   | Time | Client Sample ID / Sample Pt ID | No. of Containers | Residual Chlorine (mg/L) P/A Samples Only | Total Coliform P/A                  | 504.1 EDB/DBCP                      | 505 Pests/PCBs                      | 515.4 Herbicides                    | 524.2 VOCs                          | 525.2 SOCs-Pest                     | 531.1 Carbamates                    | 547 Glyphosate                      | 548.1 Endothall                     | 549.2 Diquat                        | 524.2 TTHMs                         | 552.2 HAA5s                         | Lead/Copper                         | Nitrate                             | Nitrite                             | Fluoride                            | Inorganics                          | Alk./Lang. Index (Circle)           | TOC, DOC (Circle)                   | SUVA, UV 254 (Circle)               | Gross Alpha/Beta                    | Radium 226/228                      | Radon                               | Uranium                             | Chlorite                            |
|--------|------|---------------------------------|-------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 6/1/21 | 1:10 | LATIG0                          | 21                | 47  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
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Instructions: No containers for S47 + Radon.

Seals Present Yes  No  Headspace Yes  No   
Temp. °C / Ice 9.8 Y  
C/S Info: Hand  
Delivered Via: Hand  
C/S Charge   
Refrig.

Relinquished By: MP Date/Time: 6/1/21 Received By: A. Forke Date/Time: 6/2/21 5:55  
Relinquished By: Hand Date/Time:  Received By: Y Date/Time:   
Sample Pres. Yes  No  Date/Time: