IRON RIDGE SUBDIVISION

WATER RESOURCES REPORT

for Iron Ridge Subdivision

March 30, 2026

Prepared By:

MONSON, CUMMINS, SHOHET & FARR, LLC
WWW.COWATERLAW.COM

13511 Northgate Estates Dr., Ste. 250, Colorado Springs, Colorado 80921

Executive Summary:

Water Resources Report – Iron Ridge Subdivision

Chris D. Cummins and Sedona E. Chavez of Monson, Cummins, Shohet & Farr, LLC, on behalf of the Applicant, Atticus Land, LLC, a Colorado limited liability company ("Atticus Land"), c/o Jacob Decoto, provide the following Water Resources/Wastewater Disposal Report in support of the Iron Ridge Subdivision. The attorneys at Monson, Cummins, Shohet & Farr, LLC ("MCSF") have extensive experience in water related matters, with Mr. Cummins having practiced water law almost exclusively for over 20 years. MCSF has substantial experience with Denver Basin groundwater resources, augmentation plans, designated basin replacement plans, subdivision proceedings, and rural water usage. Given his experience, Mr. Cummins should be considered a "qualified professional" as concerns water resources, as discussed at Section 8.4.7(B)(1)(c) of the El Paso County Land Development Code. This Report, prepared in conjunction with other professionals, is intended to demonstrate to the El Paso County Planning Commission and the Board of County Commissioners the sufficiency in terms of quantity and dependability, of the water rights and resources to be utilized in the proposed Iron Ridge Subdivision (the "Subdivision"), in El Paso County, Colorado.

The property where the Subdivision will be located consists of approximately 85 acres located in the SE¼ of Section 13, Township 11 South, Range 66 West of the 6th P.M., County of El Paso, State of Colorado, which does not have a current street address (the "Property"). The proposed Subdivision includes twenty-eight (28) residential lots. The twenty-eight residential lots in the Subdivision are to be provided water and sewer/septic services through on-site individual wells and Individual Septic Disposal Systems ("ISDS"). There are no existing wells on the Property. As shown on **Exhibit A**, the twenty-eight residential lots will be approximately 2.5 acres in size, ranging from 2.5-5.9853 acres in size.

It is expected that each of the homes on each of the twenty-eight residential lots in the Subdivision will require an average of 0.26 annual acre-feet of water supply, for a total of 7.8 annual acre-feet for in-house uses with an additional 0.543 acre-feet for use on each of the twenty-eight lots, for a total of 24.09 acre-feet for all twenty-eight lots annually, to be provided through twenty-eight individual wells to the not-nontributary Dawson aquifer, consistent with the Decree entered in Case No. 25CW3042, District Court, Water Division 1 on March 27, 2026 ("Decree"). The Decree includes findings of a 300-year water supply for the twenty-eight residential lots (up to thirty) within the Subdivision, with each residential lot utilizing a non-evaporative ISDS.

The water resources to be utilized on the residential lots in the Subdivision are typical of rural residential development in El Paso County, Colorado. The Decree demonstrates a sufficient quantity and reliability of water to support compliance with El Paso County's 300-year water supply rules for subdivisions of this nature.

I. INTRODUCTION. The purpose of this report is to provide a preliminary outline of the water resources, and associated wastewater requirements, necessary for approval of

the Iron Ridge Subdivision, as proposed.

1.1 New Development Description: The Subdivision consists of approximately 85 acres located in the SE¼ of Section 13, Township 11 South, Range 66 West of the 6th P.M., County of El Paso, State of Colorado. The Property will be subdivided into twenty-eight lots. **Exhibit A**, attached hereto, depicts a proposed lot layout for the Subdivision, including an area/vicinity map.

II. PROJECTION OF WATER NEEDS

2.1 Analysis of Water Demands: It is expected that the twenty-eight residential lots in the Subdivision will utilize twenty-eight individual wells drilled to the Dawson aquifer, which will be used for domestic (including long-term and short-term rentals), irrigation of lawn and garden, stock water, recreation (including pool and/or hot tub), landscape ponds, commercial, fire protection, and also for storage and augmentation purposes associated with such uses, and in accordance with the Decree entered in Case No. 25CW3042, District Court, Water Division 1. There are no existing wells on the Property. It is anticipated that each of the wells will utilize a maximum total of 0.803 acre-feet of water per year, with 0.26 acre-feet to be used in-house, consistent with Section 8.4.7(B)(7)(d) of El Paso County, Colorado Land Development Code, and the remaining amount of 0.543 acre-feet per lot will be allocated for other approved uses under the Case No. 25CW3042 Decree.

All wells will produce from the not-nontributary Dawson aquifer at a flow rate of 10 to 15 gallons per minute, based upon past production of nearby wells. Based on past experience with the numerous Dawson aquifer wells serving rural residential properties throughout El Paso County, this rate of production should be more than sufficient to meet demand for in-house use.

III. PROPOSED WATER RIGHTS AND FACILITIES

3.1 Water Rights: A Decree adjudicating the Dawson, Denver, Arapahoe, and Laramie-Fox Hills aquifers beneath the Subdivision and an adjacent 35-acre parcel, which is also owned by the Applicant, was issued by the Division 1 Water Court on March 27, 2026, in Case No. 25CW3042 (the “Decree”). As stated in the Decree, the Dawson aquifer at this location is not-nontributary. As such, any non-exempt uses of the Dawson aquifer must be made in accordance with a decreed plan for augmentation, pursuant to C.R.S. § 37-90-137(9)(c.5), including the plan for augmentation approved within the Decree. The Decree is recorded at reception no. 226028775 of the El Paso County Clerk and Recorder’s Office. The Denver, Arapahoe, and Laramie-Fox Hills aquifers beneath the Subdivision and adjacent 35-acre parcel are nontributary in nature, so no plan for augmentation is necessary for their use. A copy of the recorded Decree is attached hereto as **Exhibit B**. The Decree vested the following specific quantities of water:

AQUIFER	Saturated Thickness (ft)	Total Water Adjudicated (Acre Feet)	Annual Average Withdrawal – 300 Years (Acre Feet)[1]
Dawson (NNT)	470	10,100[2]	33.66
Denver (NT)	510	10,400	34.66
Arapahoe (NT)	255	5,200	17.33
Laramie-Fox Hills (NT)	210	3,780	12.60

All depletions created by use of the not-nontributary Dawson aquifer will be augmented in time, place, and amount through septic return flows during pumping, and post-pumping depletions will be augmented with nontributary Arapahoe and Laramie-Fox Hills aquifer groundwater water underlying the Subdivision and adjacent 35-acre parcel, a sufficient amount of which was reserved for such purpose in the Decree, specifically the entirety of the groundwater within the Laramie-Fox Hills aquifer and 3,447 acre-feet of the Arapahoe aquifer. The available supplies will meet both legal and physical needs on a 300-year basis.

3.2 Source of Supply: Rural residential water supply demand will be met using twenty-eight to-be-constructed not-nontributary Dawson aquifer formation wells, according to the Decree. Consistent with El Paso County Land Development Code Section 8.4.7(B)(3)(c)(v), a subdivision utilizing individual wells need not make a further showing as to source of supply.

3.3 Pumping Rates for Service: The Dawson aquifer in the location of the Subdivision is generally known to produce approximately 10-15 gallons per minute, more than sufficient for single family residential and accessory uses. Such flow rates are typical of individual wells on subdivisions east of Colorado Springs, including for firefighting purposes.

3.4 Water Quality: All wells to be drilled on these twenty-eight lots will be to the not-nontributary Dawson aquifer. Atticus Land engaged Colorado Analytical Laboratories, Inc. to conduct water quality testing on groundwater sampled from the Dawson aquifer underlying the Subdivision. The water quality testing results generated by Colorado Analytical Laboratories, Inc. is attached hereto as **Exhibit C**. The water quality testing results, as attached in **Exhibit C**, show that the Dawson aquifer groundwater underlying the subdivision meets or exceeds the standards set out in El Paso County Land Development Code Section 8.4.7.B.10.

[1] All aquifer annual withdrawal figures represent not the 100-year aquifer life discussed at C.R.S. § 37-90-137(4), but rather a 300-year aquifer life consistent with provision of a 300-year water supply in compliance with El Paso County, Colorado Land Development Code, as applicable to the subdivision of Applicant's Property.

[2] This total amount includes a 1,200 acre-feet reduction for water to be withdrawn by an anticipated exempt well, to be drilled pursuant to C.R.S. § 37-92-602 on the adjacent 35-acre parcel. Should this exempt well not be drilled, this total would increase to 11,300 acre-feet.

IV. WASTEWATER AND WASTEWATER TREATMENT. While soils, geology, and geotechnical analysis has been provided by other of Applicant's consultants, Applicant provides a summary of ISDS to be utilized herein, as relates to water usage and resulting return flows.

4.1 Septic/Wastewater Loads: Septic projections are based on similar Denver Basin residential uses on rural residential lots. Average daily wastewater loads are expected to be approximately 180 gallons per day per single-family residence. Maximum daily wastewater loads are expected to be roughly 210 gallons per day per single-family residence, assuming residential in-house use at the 0.26 acre-feet per year rate described in the El Paso County Land Development Code.

4.2 On-Site Wastewater Treatment Systems: The twenty-eight residential lots within the Subdivision will each be served by a non-evaporative ISDS. The ISDS will be constructed to the residential lots upon approval of the Subdivision. The site is suitable for ISDS, based on historical use in this location at a nearby subdivision utilizing individual wells to the Dawson aquifer and associated ISDS. All ISDS will be evaluated and installed according to El Paso County Guidelines and properly maintained to prevent contamination of surface and subsurface water resources.

Respectfully submitted this 30th day of March, 2026.

MONSON, CUMMINS, SHOHET & FARR, LLC

Sedona E. Chavez

Sedona E. Chavez
Chris D. Cummins

Exhibits:
A – Location Map/Plat of Property
B – Decree – Case No. 25CW3042, District Court, Water Division 1
C – Water Quality Testing Results

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1
A PORTION OF THE SOUTHEAST QUARTER
SEC. 13, T11S, R66W OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

Exhibit A
Water Resources Report
Iron Ridge Subdivision

PARENT PARCEL 1 LEGAL DESCRIPTION:

A portion of the North Half of the Southeast Quarter of Section 13, Township 11 South, Range 66 West of the 6TH P.M. as described in the Land Survey Plat, filed for record on May 16, 2025 under Reception No. 225900072 in the Office of Clerk and Recorder, County of El Paso, State of Colorado, being more particularly described as follows:

Beginning at the southeast one-sixteenth (1/16) corner of said Section 13; thence South 88 degrees 47 minutes 25 seconds West along the south line of the northwest quarter of the southeast quarter, 1,329.10 feet to the south-center one-sixteen corner of said Section 13;

thence North 00 degrees 33 minutes 24 seconds West along the west line of the northwest quarter of the southeast quarter, 1,322.76 feet to the center quarter corner of said Section 13;

thence North 88 degrees 45 minutes 54 seconds East along the north line of the southeast quarter, 1,802.06 feet to the east quarter corner of said Section 13;

thence South 38 degrees 51 minutes 56 seconds West, 742.99 feet to a point on the east line of the northwest quarter of the southeast quarter;

thence South 00 degrees 28 minutes 24 seconds East along the east line of the northwest quarter of the southeast quarter, 755.00 feet to the Point of Beginning.

Containing a calculated area of 1,893,477 square feet or 43.4682 acres, more or less.

PARENT PARCEL 2 LEGAL DESCRIPTION:

That portion of southeast quarter of Section 13, Township 11 South, Range 66 West of the 6TH P.M., County of El Paso, State of Colorado, being more particularly described as follows:

Beginning at the southeast one-sixteenth (1/16) corner of said Section 13; thence North 82 degrees 37 minutes 02 seconds East, 1,338.80 feet to a point on the east line of the southeast quarter of said Section 13;

thence South 00 degrees 23 minutes 04 seconds East along the east line of th southeast quarter, 1,466.46 feet to the southeast corner of said Section 13;

thence South 88 degrees 44 minutes 30 seconds West along the south line of the southeast quarter of the southeast quarter of said Section 13, 1,326.86 feet to the east one-sixteen (1/16) corner of said Section 13;

thence North 00 degrees 28 minutes 34 seconds West along the west line of the southeast quarter of the southeast quarter of said Section 13, 1,323.58 feet to the Point of Beginning.

Containing a calculated area of 1,852,350 square feet or 42.5241 acres, more or less.

GENERAL NOTES:

1) ● — Recovered monument, marked as noted.
■ — Recovered Aliquot monument, marked as noted.
(R) — Record bearing & distance (LSP by John Keiler, 6-15-2004, Rec. No. 204900075)
(M) — Measured bearing & distance
A.G. — Above Grade
B.G. — Below Grade

2) The Basis of Bearings is the north line of of the southeast quarter, monumented as shown and assumed to bear North 88 degrees 45 minutes 54 seconds East.

3) FEDERAL EMERGENCY MANAGEMENT AGENCY, Flood Insurance Rate Map, Map Number 08041C0305 G effective date December 7, 2018, indicates that this parcel of land is located in Zone X (areas determined to be outside 0.2% annual chance floodplain).

4) This survey does not constitute a title search by Gould Land Surveying, LLC to determine ownership or easements of record. For all information regarding easements, rights of way and title of record, Gould Land Surveying, LLC relied upon a Commitment for Title Insurance prepared by Old Republic National Title Insurance Company, Order No. RND55123912 with an effective date of September 5, 2025 at 5:00 P.M.

5) The purpose of this survey is to plat the parcel shown hereon and establish the proposed lot lines, Right-of-Way and easements as shown hereon. The field work was completed on April 29, 2025.

6) This property contains a calculated area of 3,745,827 square feet (85.9923 acres), more or less. Area shown hereon was not measured but instead is a result of a computer software calculation and is not warrantied or guaranteed.

7) Unless noted otherwise, all monuments were found or set flush with ground and accepted as representing the boundary corner.

8) The lineal units used in this survey are International Feet. An international foot is defined exactly as 1200/3937.007874 meters.

9) Any utilities shown have been located from field survey information. The surveyor makes no guarantee that the utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the utilities shown are in the exact location indicated although he does state that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

10) Datums: NAVD 88, GEOID 12B. LiDAR data shown hereon was established from the Colorado Water Conservation Board and the Colorado Hazard Mapping and Risk Map Portal. Contours created and shown hereon were based upon LiDAR tiles defined with: Horizontal Datum = NAD83 (National Spatial Reference System 2011); Horizontal EPSG Code = 1116; Vertical Datum = North American Vertical Datum 1988; Vertical EPSG Code = 5103.

11) This parcel is currently zoned RR-5. As rezone request has been submitted under PCD File No. P2511.

12) Easements and other public documents shown or noted on this survey were examined as to location and purpose and were not examined as to restrictions, exclusions, conditions, obligations, terms, or as to the right to grant the same.

13) Water Supply: Water will be provided by individual private wells at the expense of the individual property owners.

14) Sanitary Sewer: Sanitary Sewer will be provided by individual private septic systems at the expense of the individual property owners. Sewage treatment is the responsibility of each individual property owner. The El Paso County Department of Health and Environment must approve each system and, in some cases the Department may require an engineer designed system prior to permit approval. These systems may cost more to design, install, and maintain.

15) Gas service is provided by Black Hills Energy.

16) Electric Service is provided by Mountain View Electric Association.

17) There shall be no direct lot access to Walker Road. All lot access shall be via Iron Ridge Court and Colt Court to be paved with asphalt and maintained by the El Paso County Department of Transportation.

18) Access to Lots 4, 5 & 7 are via a shared common access easement across Lots 5 & 7 as shown hereon. Ownership and maintenance is vested in the property owners.

19) All property owners are responsible for maintaining proper storm water drainage in and through their property. A drainage structure and outfall will be installed by the Developer in the drainage easement located on Lot 2 as shown hereon.

20) No driveway shall be established unless an access permit has been granted by El Paso County.

21) All structural foundations and septic systems shall be located and designed by a Professional Engineer, currently registered in the State of Colorado.

22) The following reports have been submitted and are on file at the County Development Services Department: Soils and Geological Study, Water Resource Report; Drainage Report; Wildfire Hazard Report; Natural Features Report; Erosion Control Report.

23) The approximate Geological Hazard areas as shown hereon may require subsurface investigation prior to any construction.

24) Mailboxes shall be installed in accordance with all El Paso County Department of Transportation and United States Postal Service regulations.

25) 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 be commenced more than ten years from the date of the certification shown hereon.

26) Any person who knowingly removes, alters or defaces any public land survey monument or land boundary monument or accessory commits a class 2 misdemeanor pursuant to the Colorado Revised Statute 18-4-508.

27) Walker Road is designated as an Arterial.

28) There are 0.32 D.U. per acre.

29) There are 28 lots in this subdivision.

30) Phase 1 of this Preliminary Plan will subdivide Parcel 1 into 14 Lots, Phase 2 of this Preliminary Plan will Subdivision Parcel 2 into 14 Lots as shown hereon.

SURVEYOR'S CERTIFICATION:

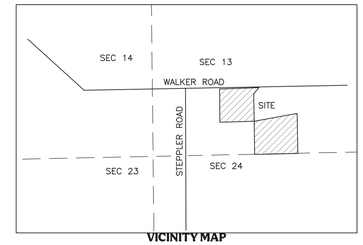
The undersigned Colorado Registered Professional Land Surveyor does hereby state and declare to Atticus Land LLC. that the accompanying plat was surveyed and drawn under his direct responsibility and supervision and to the normal standard of practice by surveyors in the State of Colorado and accurately shows the described tract of land thereof and observable improvements thereon, and that the requirements of Title 38 of the Colorado Revised Statutes, 1973, as amended, have been met to the best of his professional knowledge, belief and opinion.

This statement is neither a guaranty or warranty, either expressed or implied.

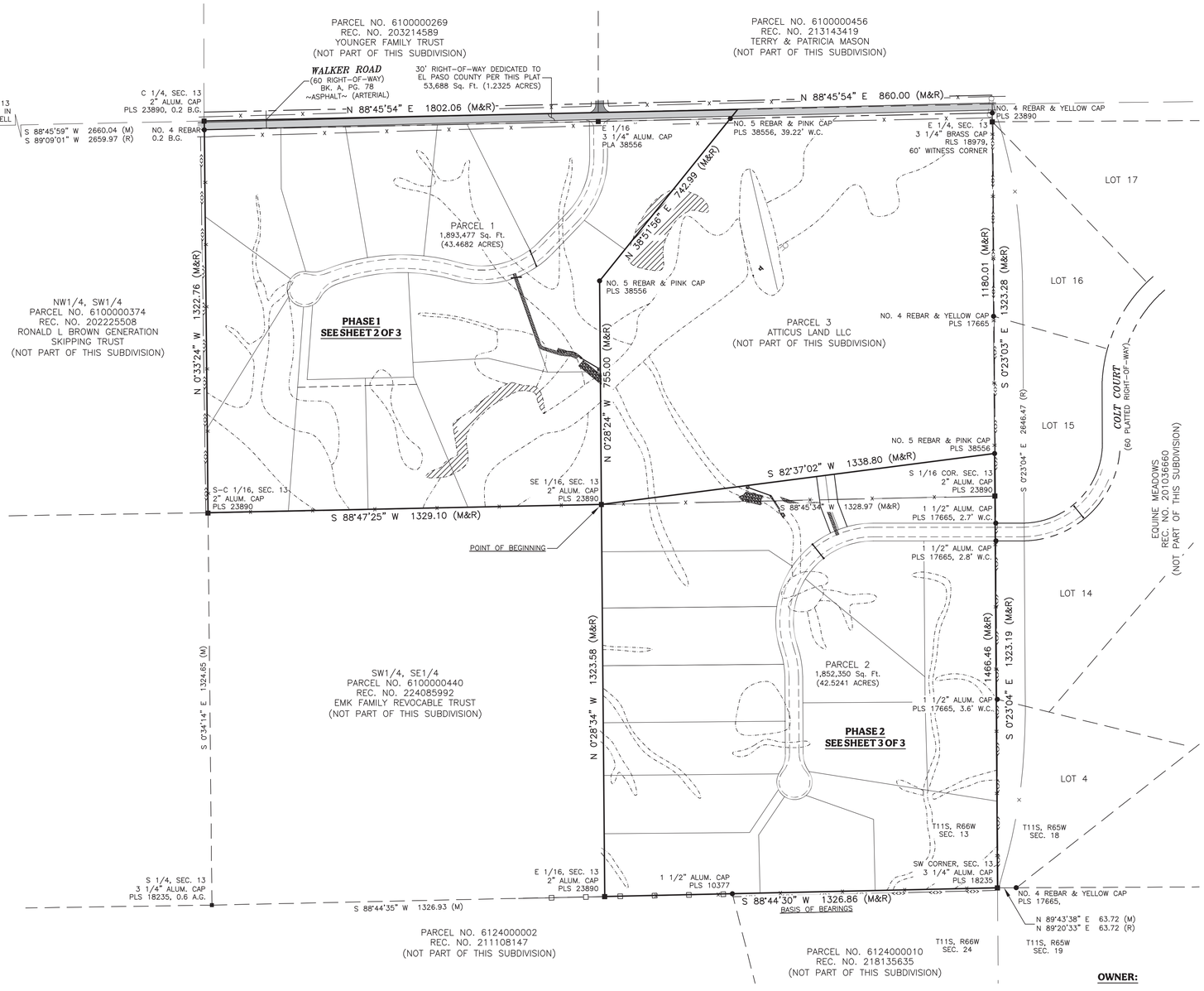
COLORADO LICENSED
KENNETH GOULD JR.
38556
6/23/26
PROFESSIONAL LAND SURVEYOR

Kenneth Gould, Jr.
Colorado Professional Land Surveyor No. 38556
For and on behalf of Gould Land Surveying, LLC

GRAPHIC SCALE
200 0 100 200
(IN FEET)
1 inch = 200 ft.



VICINITY MAP
(NOT TO SCALE)



PROPOSED SETBACKS PER ZONE RR-2.5:

Front = 25'
Side = 15'
Rear = 25'

PROPOSED AREA CALCULATION:

Phase 1 Lot Area: 1,804,630 Sq. Ft. (41.4286 acres)
Phase 1 R.O.W. Area: 88,847 Sq. Ft. (2.0396 acres)
Phase 2 Lot Area: 1,758,367 Sq. Ft. (40.3665 acres)
Phase 2 R.O.W Area: 93,983 Sq. Ft. (2.1575 acres)

PROPOSED EASEMENTS:

All side, front, and rear lot lines are hereby platted on either side with a 10 foot public utility and drainage easement unless otherwise indicated. 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.

PROPOSED VIEW CORRIDOR/NO-BUILD AREAS:

The view corridor no-build areas depicted on lots 24, 25, 27 & 28 are view corridor preservation. No structures requiring a building permit may be placed within the no-build areas but driveways, septic systems, landscaping, chicken coops, and other improvements not requiring a building permit may be located within the no-build area. View easements are private easements and are not enforced by El Paso County.

OWNER:

Jake Decoto
Atticus Land, LLC
P.O. Box 88010
Colorado Springs, CO 80908
(206)-419-4533

PCD FILE NO. SP253

Revisions:

1	9/13/25	Original Draft
2	11/15/25	Revised per County Review Comments.
3	11/20/25	Lot adjustments, and view corridors added.
4	12/05/25	Added new drainage info.
5	12/10/25	Revised notes
6	1/05/26	Revised Lots 21-24, Review comments

Project No.: 25133
September 19, 2025
Sheet 1 of 3

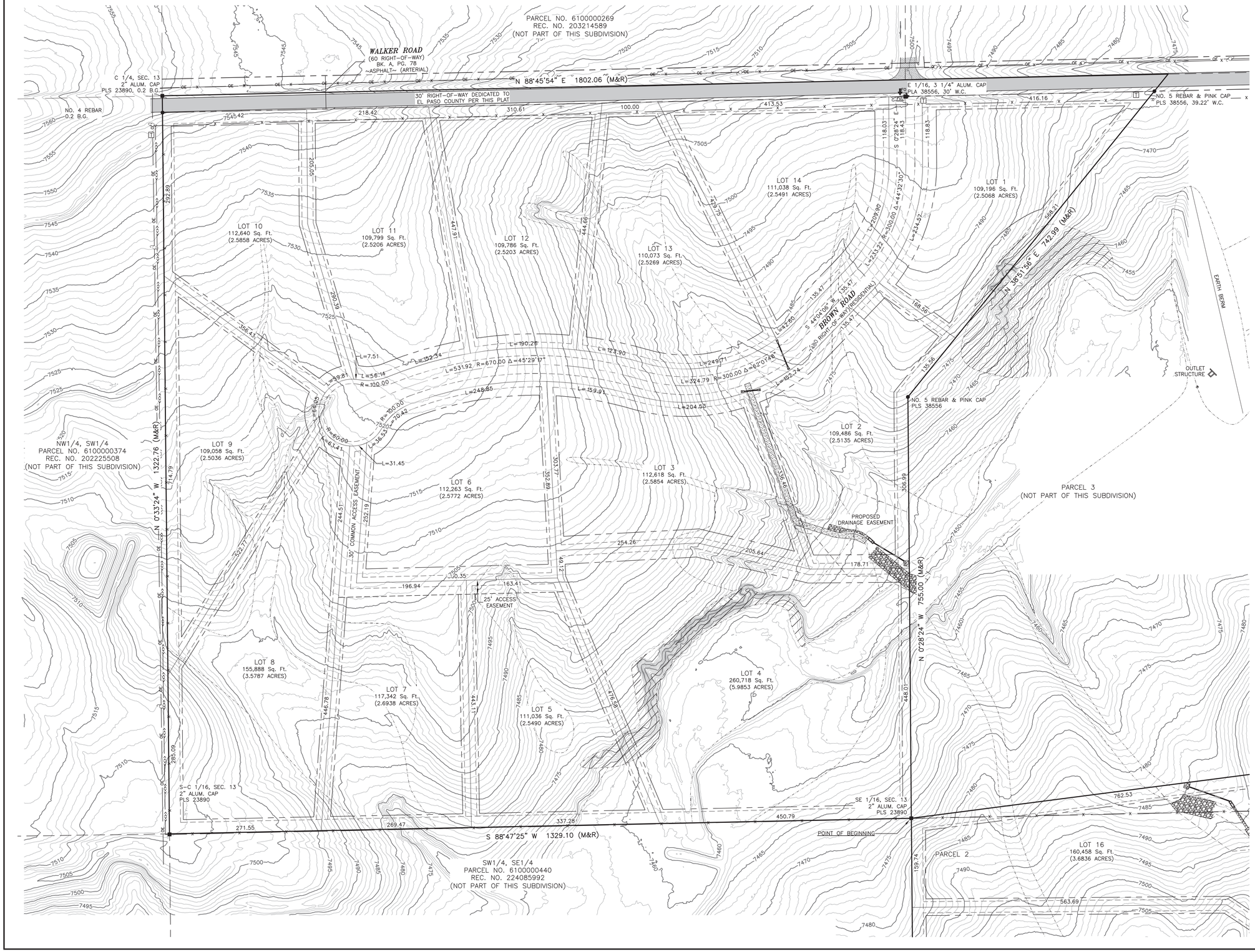
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 13, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1 & 2

P.O. Box 7123
Woodland Park, CO 80863
(719) 687-9385
info@gouldls.com
GouldLandSurveying.com

Gould LAND SURVEYING

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1
A PORTION OF THE SOUTHEAST QUARTER
SEC. 13, T11S, R66W OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO



LEGEND:

- Storm Sewer Culvert
- OE — Overhead Electric Line
- Telephone Pedestal
- Telephone Locate
- FO — Fiber-Optic Locate
- FVL — Fiber-Optic Vault
- Utility Pole
- Street Sign
- x — Wire Fence
- Fence Remnants
- Plastic Fence
- Approximate Line of Potential Geological Hazard
- Approximate Area of Potential Geological Hazard
- Boundary Line
- Lot Line
- Easement Line
- Setback Line
- View Corridor/ No-Build Area

COLORADO LICENSED
KENNETH GOULD JR.
38556
12/16/25
PROFESSIONAL LAND SURVEYOR

GRAPHIC SCALE
80 0 40 80
(IN FEET)
1 inch = 80 ft.

Project No.: 25133
September 19, 2025
Sheet 2 of 3

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 13,
TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE 6TH P.M.,
COUNTY OF EL PASO, STATE OF COLORADO

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1 & 2

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Gould
LAND SURVEYING

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1
A PORTION OF THE SOUTHEAST QUARTER
SEC. 13, T11S, R66W OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

LEGEND:

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COLORADO LICENSED
KENNETH GOULD JR.
38556
PROFESSIONAL LAND SURVEYOR
1/6/26

GRAPHIC SCALE
80 0 40 80
(IN FEET)
1 inch = 80 ft.

Project No.: 25133
September 19, 2025
Sheet 3 of 3

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 13,
TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE 6TH P.M.,
COUNTY OF EL PASO, STATE OF COLORADO

PRELIMINARY PLAN
IRON RIDGE SUBDIVISION NO. 1&2

P.O. Box 7123
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Gould LAND SURVEYING

226028775 3/30/2026 10:30 AM
PGS 14 $43.00 DF $0.00
Electronically Recorded Official Records El Paso County CO
Steve Schleiker, Clerk and Recorder
TD1000 N

Exhibit B
Water Resources Report
Iron Ridge Subdivision

DISTRICT COURT, WATER DIVISION 1, COLORADO Court Address: 901 9th Avenue, P.O. Box 2038 Greeley, CO 80632 Phone Number: (970) 475-2510	DATE FILED March 27, 2026 11:23 AM CASE NUMBER: 2025CW3042
CONCERNING THE APPLICATION FOR WATER RIGHTS OF: **ATTICUS LAND, LLC, a Colorado limited liability company** **IN EL PASO COUNTY, COLORADO**	▲ COURT USE ONLY ▲ Case No.: 25CW3042

FINDINGS OF FACT, CONCLUSIONS OF LAW, RULING OF REFEREE, AND DECREE

THIS MATTER comes before the Water Court on the Application filed by Applicant, Atticus Land, LLC, a Colorado limited liability company, and having reviewed said Application and other pleadings on file, and being fully advised on this matter, the Water Court makes the following findings and orders:

FINDINGS OF FACT

1. The Applicant in this case is Atticus Land, LLC, a Colorado limited liability company, whose address is PO Box 88010, Colorado Springs, Colorado 80908 ("Applicant"). Applicant is the owner of the land totaling approximately 120 acres, which is the subject property of and as further described in this Decree ("Applicant's Property").

2. Applicant filed this Application with the District Court, Water Division 1, along with a corresponding Application in District Court, Water Division 2, Case No. 25CW3013, on April 23, 2025. The Applications were consolidated into this Case No. 25CW3042, District Court, Water Division 1, by Order Pursuant to C.R.C.P. 42.1(i) of the Colorado Supreme Court dated August 7, 2025. The Application was referred to the Water Referee in Water Division 1 on the same day of its filing.

3. The time for filing statements of opposition to the Application expired on the last day of June, 2025. Applicant and the City of Colorado Springs acting by and through its enterprise Colorado Springs Utilities ("Utilities") reached a stipulation in this case without the need for Utilities to file a statement of opposition to the Application. The Division 1 Water Referee entered an order approving said stipulation on June 13, 2025. No other parties filed statements of opposition.

4. The Clerk of this Court caused publication of the Application filed in this matter as provided by statute and the publication costs have been paid. Publication occurred in El Paso County, and on June 2, 2025, proof of publication in *The Gazette* was filed with this Court. All notices of the Application have been given in the manner required by law.

5. Pursuant to C.R.S. § 37-92-302(2), the Office of the State Engineer filed Determinations of Facts for each Denver Basin aquifer with this Court on September 11, 2025, which have been considered by the Court in the entry of this Decree.

6. Pursuant to C.R.S. § 37-92-302(4), the Office of the Division Engineer for Water Division 1 filed its Summary of Consultation dated July 31, 2025. Applicant has addressed all matters raised in the Summary of Consultation in this Decree, and provided a Response to Summary of Consultation, which was filed with this Court on September 10, 2025. The Water Court has considered the Summary of Consultation and Applicant's Response thereto in the entry of this Decree.

7. The Water Court has jurisdiction over the subject matter of these proceedings and over all who have standing to appear as parties, whether they have appeared or not. The land and water rights involved in this case are not within a designated groundwater basin.

GROUNDWATER RIGHTS

8. The Applicant seeks quantification and adjudication of underground water rights for the Dawson, Denver, Arapahoe, and Laramie-Fox Hills aquifers underlying Applicant's Property. The following findings are made with respect to such underground water rights.

9. The land overlying the groundwater subject to the adjudication in this case, Applicant's Property, is owned by Applicant, and consists of approximately 120 acres located in Section 13, Township 11 South, Range 66 West of the 6th P.M., El Paso County, Colorado, more specifically described as follows:

> Parcel A: The North half of the Southeast quarter of Section 13, Township 11 South, Range 66 West of the 6th P.M., County of El Paso, State of Colorado;
>
> Parcel B: The Southeast quarter of the Southeast quarter of Section 13, Township 11 South, Range 66 West of the 6th P.M., County of El Paso, State of Colorado.

Applicant intends to divide Applicant's Property into up to 31 parcels. It is anticipated one 35-acre parcel will be divided from Applicant's Property and the remaining portion of Applicant's Property will be subdivided into up to 30 lots, which will vary in size and will be a minimum of 2.5 acres each. The 35-acre parcel will not be included in the subdivision.

10. To the Applicant's knowledge, now and at the time of Application, no liens exist

on the Applicant's Property and the notice requirements of C.R.S. §§ 37-92-302(2) and 37-90-137(4)(b.5)(I) are inapplicable to the proceedings of this case.

11. At the time of entry of this Decree, there are no existing wells on Applicant's Property.

12. Of the statutorily described Denver Basin aquifers, the Dawson, Denver, Arapahoe, and Laramie-Fox Hills aquifers all exist beneath the Applicant's Property. The Dawson aquifer underlying the Applicant's Property contains not-nontributary water, while the water in the Denver, Arapahoe, and Laramie-Fox Hills aquifers underlying the Applicant's Property is nontributary. The quantity of water in the Denver Basin aquifers, exclusive of artificial recharge, underlying Applicant's Property is as follows:

AQUIFER	NET SAND (ft)	Total Withdrawal (Acre Feet)	Annual Avg. Withdrawal 100 Years (Acre Feet)	Annual Avg. Withdrawal 300 Years (Acre Feet)
Dawson (NNT)	470	10,100[1]	101	33.66
Denver (NT)	510	10,400	104	34.66
Arapahoe (NT)	255	5,200	52	17.33
Laramie-Fox Hills (NT)	210	3,780	37.8	12.6

13. Pursuant to C.R.S. § 37-90-137(9)(c.5)(I), the augmentation requirements for non-exempt wells in the Dawson aquifer require replacement to the effected stream systems of actual stream depletions on an annual basis. Applicant shall not be entitled to construct a well or use water from the not-nontributary Dawson aquifer except pursuant to an approved augmentation plan in accordance with C.R.S. § 37-90-137(9)(c.5), including as decreed herein.

14. Subject to the augmentation requirements described in Paragraphs 13 and 20 of this Decree, and other requirements and limitations in this Decree, Applicant shall be entitled to withdraw all legally available groundwater in the Denver Basin aquifers underlying Applicant's Property. Said amounts can be withdrawn over the 100-year life for the aquifers as set forth in C.R.S. § 37-90-137(4), or withdrawn over a longer period of time based upon local governmental regulations or Applicant's water needs, provided withdrawals during such longer periods are in compliance with the augmentation requirements of this Decree. This Decree describes a pumping period of 300 years, consistent with El Paso County, Colorado Land Development Code § 8.4.7(C)(1). The average annual amounts of groundwater available for withdrawal from the underlying Denver Basin aquifers, based upon the 300-year aquifer life, are determined and set

[1] The total available amount has been reduced by 1,200 acre-feet (4 acre-feet per year) to reflect the amount of water reserved for one exempt well, Iron Ridge Well No. 31, which may be applied for and constructed for use on the anticipated 35-acre, minimum, parcel on Applicant's Property, upon division of the same, as described in Paragraph 9 of this Decree. The proposed uses for said exempt well are fire protection, ordinary household purposes inside not more than three (3) single family dwellings, the watering of poultry, domestic animals, and livestock on a farm or ranch, and the irrigation of not more than one (1) acre of home gardens and lawns.

forth above, based upon the Office of the State Engineer's Determination of Facts filed with this Court on September 11, 2025, described in Paragraph 5.

15. Applicant shall be entitled to withdraw an amount of groundwater in excess of the average annual amount decreed herein from the Denver Basin aquifers underlying Applicant's Property, so long as the sum of the total withdrawals from wells in each of the aquifers does not exceed the product of the number of years since the date of issuance of the original well permit or the date of entry of the Decree herein, whichever comes first, and the average annual volume of water which Applicant is entitled to withdraw from each of the aquifers underlying Applicant's Property, subject to the requirement that such banking and excess withdrawals do not violate the terms and conditions of the plan for augmentation decreed herein and any other plan for augmentation decreed by the Court that authorizes withdrawal of the Denver Basin groundwater decreed herein.

16. Subject to the terms and conditions in the plan for augmentation decreed herein and final approval by the State Engineer's Office pursuant to the issuance of well permits consistent with C.R.S. §§ 37-90-137(4) or 37-90-137(10), the Applicant shall have the right to use the groundwater for beneficial uses upon the Applicant's Property consisting of domestic (including long-term and short-term rentals), irrigation of lawn and garden, stock water, recreation (including pool and/or hot tub), landscape, ponds, commercial, fire protection, and also for storage and augmentation purposes associated with such uses. The amount of groundwater decreed for such uses upon the Applicant's Property is reasonable as such uses are to be made for the long-term use and enjoyment of the Applicant's Property and is to establish and provide for adequate water reserves. The nontributary groundwater may be used, reused, and successively used to extinction, both on and off the Applicant's Property subject, however, to the limitations imposed on the use of the Denver, Arapahoe, and Laramie-Fox Hills aquifer groundwater by this Decree and the requirement under C.R.S. § 37-90-137(9)(b) that no more than 98% of the amount withdrawn annually shall be consumed. Applicant may use such water by immediate application or by storage and subsequent application to the beneficial uses and purposes stated herein. Provided however, as set forth above, Applicant shall only be entitled to construct a well or use water from the not-nontributary Dawson aquifer pursuant to a decreed augmentation plan entered by the Court, including that plan for augmentation decreed herein.

17. Withdrawals of groundwater available from the nontributary Denver, Arapahoe, and Laramie-Fox Hills aquifers beneath the Applicant's Property in the amounts determined in accordance with the provisions of this Decree will not result in injury to any other vested water rights or to any other owners or users of water.

PLAN FOR AUGMENTATION

18. The structures to be augmented are Iron Ridge Well Nos. 1 through 30, to be constructed to the Dawson aquifer underlying Applicant's Property.

19. Prior to drilling any new or replacement wells on Applicant's Property, a site-specific evaluation shall be conducted with each well permit to identify the aquifer intervals at

the planned location.

20. Pursuant to C.R.S. § 37-90-137(9)(c.5), the augmentation obligation for Iron Ridge Well Nos. 1 through 30, and any additional or replacement wells constructed to the Dawson aquifer requires the replacement of actual stream depletions. The water to be used for augmentation during pumping is the septic system return flows of the not-nontributary Dawson aquifer pumped via the Iron Ridge Well Nos. 1 through 30, as set forth in this plan for augmentation. The water to be used for augmentation after pumping is the reserved portion of Applicant's nontributary water rights in the Laramie-Fox Hills and Arapahoe aquifers. Applicant shall provide for the augmentation of stream depletions caused by pumping the Iron Ridge Well Nos. 1 through 30, as approved herein. Water use criteria is as follows:

A. Use: The Iron Ridge Well Nos. 1 through 30 may pump up to 24.09 acre-feet annually from the Dawson aquifer. Applicant uses the assumption that indoor household use for one single-family dwelling will be 0.26 acre-feet of water per year, for total in-house uses of 7.8 acre-feet annually, with the remaining 16.29 acre-feet per year pumping entitlement available for other uses on the Applicant's Property, including irrigation of lawn and garden, stock water, recreation (including pool and/or hot tub), landscape, ponds, commercial, fire protection, and also for storage and augmentation purposes associated with such uses. The foregoing figures assume the use of one septic system per residence, up to 30 total.

B. Depletions: Maximum annual stream depletions over the 300-year pumping period will amount to approximately 22.42% of pumping. Maximum annual depletions for total residential pumping from thirty (30) wells are therefore 5.40 acre-feet in year 300. Should Applicant's pumping be less than the total 24.09 annual acre-feet described herein, resulting depletions and required replacements will be correspondingly reduced. A chart illustrating the depletion curve is attached hereto as Exhibit A.

C. Augmentation of Depletions During Pumping Life of Well: Pursuant to C.R.S. § 37-90-137(9)(c.5), Applicant is required to replace actual stream depletions attributable to pumping of the Dawson aquifer well. Applicant has shown that depletions during pumping will be effectively replaced by residential return flows from non-evaporative septic systems. The annual consumptive use for non-evaporative systems is estimated at 10% per year per residence. For determining return flows, Applicant uses the conservative assumption that one single-family household will use 0.20 acre-feet per year, with return flows of 0.18 acre-feet annually for each residence, or 5.40 acre-feet combined return flows. Thus, during pumping, total maximum annual stream depletions (5.40 acre-feet) will be adequately augmented.

D. Augmentation of Post-Pumping Depletions: This plan for augmentation shall have a pumping period of a minimum of 300 years. For the replacement of post-pumping depletions, which may be associated with the use of the Iron Ridge Well Nos. 1 through 30, and any additional or replacement wells, Applicant will reserve the entirety of water from the Laramie-Fox Hills aquifer (3,780 acre-feet) and 3,447 acre-feet of water from the Arapahoe aquifer decreed herein to replace post-pumping depletions. The amount of nontributary Arapahoe and Laramie-Fox Hills aquifer groundwater reserved may be reduced as may be determined

through this Court's retained jurisdiction as described in this Decree. If the Court, by order, reduces the Applicant's obligation to account for and replace such post-pumping depletions for any reason, it may also reduce the amount of Arapahoe and/or Laramie-Fox Hills aquifer groundwater reserved for such purposes, as described herein. Applicant also reserves the right to substitute other legally available augmentation sources for such post-pumping depletions upon further approval of the Court under its retained jurisdiction. Even though this reservation is made, under the Court's retained jurisdiction, Applicant reserves the right in the future to prove that post-pumping depletions will be noninjurious. Pursuant to C.R.S. § 37-90-137(9)(b), no more than 98% of water withdrawn annually from a nontributary aquifer shall be consumed. The total post-pumping depletions to be replaced are 7,227 acre-feet. Applicant has reserved the entirety of the Laramie-Fox Hills aquifer (3,780 acre-feet) and 3,447 acre-feet of water of the Arapahoe aquifer to sufficiently meet this post-pumping obligation.

E. Permits: Upon entry of this Decree, Applicant will be eligible to apply to the State Engineer for, and receive, well permits for the Iron Ridge Well Nos. 1 through 30 for uses in accordance with this Decree, consistent with C.R.S. § 37-90-137(4). Applicant waives the 600 foot spacing requirement for all wells located or to be located on the Applicant's Property.

21. This Decree, upon recording, shall constitute a covenant running with Applicant's Property, benefitting and burdening said land, and requiring construction of well(s) to the nontributary Laramie-Fox Hills and Arapahoe aquifers and pumping of water to replace post-pumping depletions under this Decree. Subject to the requirements of this Decree, in order to determine the amount and timing of post-pumping replacement obligations under this augmentation plan, Applicant or its successors shall use information commonly used by the Colorado Division of Water Resources for augmentation plans of this type at the time. Pursuant to this covenant, the water from the nontributary Arapahoe and Laramie-Fox Hills aquifers reserved herein may not be severed in ownership from the Applicant's Property. This covenant shall be for the benefit of, and enforceable by, third parties owning vested water rights who would be injured by Applicant's or its successors' failure to provide for the replacement of post-pumping depletions under this Decree, and shall be specifically enforceable by such third parties against the owner(s) of Applicant's Property.

22. Applicant or its successors shall be required to initiate pumping from the Laramie-Fox Hills and Arapahoe aquifers for the replacement of post-pumping depletions when either: (i) the absolute total amount of water available from the Dawson aquifer allowed to be withdrawn under the plan for augmentation decreed herein (7,227 acre-feet) has been pumped; (ii) the Applicant has or its successors in interest have acknowledged in writing that all withdrawals for beneficial uses through the Iron Ridge Well Nos. 1 through 30 have permanently ceased; (iii) a period of 10 consecutive years where no withdrawals of groundwater has occurred; or (iv) accounting shows that return flows from the use of the water being withdrawn are insufficient to replace depletions caused by the withdrawals that already occurred.

23. Unless modified by the Court under its retained jurisdiction, Applicant and its successors shall be responsible for accounting and replacement of post-pumping depletions, as set forth herein. Should Applicant's obligation hereunder to account for and replace such post-

pumping stream depletions be reduced or abrogated for any reason, Applicant or its successors may petition the Court to also modify or terminate the reservation of the Arapahoe and Laramie-Fox Hills aquifer groundwater.

24. The term of this augmentation plan is for a minimum of 300 years, however, the length of the plan for a particular well or wells may be extended beyond such time provided the total planned pumping allocated to such well or well is not exceeded. Should the actual operation of this augmentation plan depart from the planned diversions described in Paragraph 20 such that annual diversions are increased or the duration of the plan is extended, the Applicant or its successors must prepare and submit a revised model of stream depletions caused by the actual pumping or intended schedule. This analysis must utilize depletion modeling acceptable to the State Engineer, and to this Court, and must represent the water use under the plan for the entire term of the plan to date. The analysis must show that return flows have equaled or exceeded actual stream depletions throughout the pumping period and that reserved nontributary water remains sufficient to replace post-pumping depletions.

25. Consideration has been given to the depletions from Applicant's proposed uses of water, in quantity, time, and location, together with the amount and timing of augmentation water which will be provided by the Applicant, and the existence, if any, of injury to any owner of or person entitled to use water under a vested water right.

26. It is determined that the timing, quantity, and location of replacement water under the protective terms in this Decree are sufficient to protect the vested rights of other water users and eliminate injury thereto. The replacement water shall be of a quantity and quality so as to meet the requirements for which the water of senior appropriators has normally been used, and provided of such quality, such replacement water shall be accepted by the senior appropriators for substitution for water derived by the exercise of the Iron Ridge Well Nos. 1 through 30. As a result of the operation of this plan for augmentation, the depletions from the Iron Ridge Well Nos. 1 through 30 and any additional or replacement wells associated therewith will not result in injury to the vested water rights of others.

CONCLUSIONS OF LAW

27. The Application for Adjudication of Denver Basin Groundwater and Approval of Plan for Augmentation was filed with the Water Clerks for Water Divisions 1 and 2, pursuant to C.R.S. §§ 37-92-302(1)(a) and 37-90-137(9)(c.5).

28. The Applicant's request for adjudication of these water rights is contemplated and authorized by law, and this Court and the Water Referee have exclusive jurisdiction over these proceedings. C.R.S. §§ 37-92-302(1)(a), 37-92-203, and 37-92-305.

29. Subject to the terms of this Decree, Applicant is entitled to the sole right to withdraw all the legally available water in the Denver Basin aquifers underlying the Applicant's Property, and the right to use that water to the exclusion of all others.

30. The Applicant has complied with C.R.S. § 37-90-137(4), and the groundwater is legally available for withdrawal by the requested nontributary well(s), and legally available for withdrawal by the requested not-nontributary well(s) upon the entry of this Decree approving an augmentation plan pursuant to C.R.S. § 37-90-137(9)(c.5), and the issuance of a well permit by the State Engineer's Office. Applicant is entitled to a decree from this Court confirming its rights to withdraw groundwater pursuant to C.R.S. § 37-90-137(4).

31. The Denver Basin water rights applied for in this case are not conditional water rights, but are vested water rights determined pursuant to C.R.S. § 37-90-137(4). No applications for diligence are required. The claims for nontributary and not-nontributary groundwater meet the requirements of Colorado Law.

32. The determination and quantification of the nontributary and not-nontributary groundwater rights in the Denver Basin aquifers as set forth herein is contemplated and authorized by law. C.R.S. §§ 37-90-137, and 37-92-302 through 37-92-305.

33. The Applicant's request for approval of a plan for augmentation is contemplated and authorized by law. If administered in accordance with this Decree, this plan for augmentation will permit the uninterrupted diversions from the Iron Ridge Well Nos. 1 through 30 and any additional or replacement wells for them, as described herein, without adversely affecting any other vested water rights in the South Platte and Arkansas River or their tributaries and when curtailment would otherwise be required to meet a valid senior call for water. C.R.S. §§ 37-92-305(3), (5), and (8).

IT IS THEREFORE ORDERED, ADJUDGED, AND DECREED AS FOLLOWS:

34. All of the foregoing Finds of Fact and Conclusions of Law are incorporated herein by reference, and are considered to be a part of this decretal portion as though set forth in full.

35. The Application for Adjudication of Denver Basin Groundwater and Plan for Augmentation filed by the Applicant is approved, subject to the terms of this Decree.

A. Applicant is awarded a vested right to 10,100 acre-feet of groundwater from the not-nontributary Dawson aquifer underlying Applicant's Property, as quantified in Paragraph 12 or as modified by the Court under its retained jurisdiction. Of this total amount, 7,227 acre-feet may be pumped pursuant to the plan for augmentation decreed herein.

B. Applicant is awarded a vested right to 10,400 acre-feet of groundwater from the nontributary Denver aquifer underlying Applicant's Property, as quantified in Paragraph 12 or as modified by the Court under its retained jurisdiction. Subject to the provisions of Rule 8 of the Denver Basin Rules, 2 CCR 402-6, limiting consumption to ninety-eight percent (98%) of the amount withdrawn, and the other terms and conditions of this Decree, Applicant's Denver aquifer groundwater may be utilized for all purposes described in Paragraph 16.

C. Applicant is awarded a vested right to 5,200 acre-feet of groundwater from

the nontributary Arapahoe aquifer underlying Applicant's Property, as quantified in Paragraph 12 or as modified by the Court under its retained jurisdiction. Subject to the provisions of Rule 8 of the Denver Basin Rules, 2 CCR 402-6, limiting consumption to ninety-eight percent (98%) of the amount withdrawn, and the other terms and conditions of this Decree, Applicant's Arapahoe aquifer groundwater may be utilized for all purposes described in Paragraph 16, subject to the reservation of 3,447 acre-feet of the water from the Arapahoe aquifer awarded to be utilized only for replacement of post-pumping depletions under the plan for augmentation decreed herein, as described in Paragraph 20.D., above.

D. Applicant is awarded a vested right to 3,780 acre-feet of groundwater from the nontributary Laramie-Fox Hills aquifer underlying Applicant's Property, as quantified in Paragraph 12 or as modified by the Court under its retained jurisdiction. Subject to the provisions of Rule 8 of the Denver Basin Rules, 2 CCR 402-6, limiting consumption to ninety-eight percent (98%) of the amount withdrawn, and the other terms and conditions of this Decree, Applicant's Laramie-Fox Hills aquifer groundwater may be utilized for all purposes described in Paragraph 16, subject to the reservation of the entirety of the water from the Laramie-Fox Hills aquifer (3,780 acre-feet) awarded to be utilized only for replacement of post-pumping depletions under the plan for augmentation decreed herein, as described in Paragraph 20.D., above.

E. All determinations decreed herein are subject to the Court's retained jurisdiction, pursuant to C.R.S. § 37-92-305(11), and governed by the Denver Basin Rules and Statewide Nontributary Groundwater Rules, as provided in C.R.S. § 37-90-137(9)(a).

36. The Applicant has furnished acceptable proof as to all claims and, therefore, the Application for Adjudication of Denver Basin Groundwater and Plan for Augmentation, as filed by the Applicant, is granted and approved in accordance with the terms and conditions of this Decree. Approval of this Application will not result in any injury to senior vested water rights.

37. The Applicant shall comply with C.R.S. § 37-90-137(9)(b), requiring the relinquishment of the right to consume two percent (2%) of the amount of the nontributary groundwater withdrawn annually. Ninety-eight percent (98%) of the nontributary groundwater withdrawn annually may therefore be consumed. No plan for augmentation shall be required to provide for such relinquishment. Applicant shall be required to demonstrate to the State Engineer prior to the issuance of a well permit that no more than ninety-eight percent (98%) of the groundwater withdrawn annually will be consumed.

38. The Iron Ridge Well Nos. 1 through 30, and any replacement or additional wells, shall be operated such that combined pumping from all wells does not exceed the annual (24.09 acre-feet) and total (7,227 acre-feet) pumping limits for the Dawson aquifer as decreed herein, and is in accordance with the requirements of the plan for augmentation described herein. The State Engineer, Division Engineer, and/or Water Commissioner shall not curtail the diversion and use of water by the Iron Ridge Well Nos. 1 through 30, or any additional and replacement wells, so long as the return flows from the annual diversions associated with the Iron Ridge Well Nos. 1 through 30 and such other wells accrue to the stream system pursuant to the conditions contained herein. To the extent that Applicant or one of its successors or assigns is ever unable to provide

the replacement water required, then the Iron Ridge Well Nos. 1 through 30 and any additional or replacement wells shall not be entitled to operate under the protection of this plan, and shall be subject to administration and curtailment in accordance with the laws, rules, and regulations of the State of Colorado. Pursuant to C.R.S. § 37-92-305(8), the State Engineer shall curtail all out-of-priority diversions that are not so replaced as to prevent injury to vested water rights. In order for this plan for augmentation to operate, return flows from the septic systems discussed herein shall, at all times during pumping, be in an amount sufficient to replace the amount of stream depletions, and cannot be sold, leased, traded, assigned, or otherwise used for any purpose inconsistent with the augmentation plan decreed herein. Applicant shall be required to have any wells pumping on Applicant's Property providing water for in-house use and generating septic returns prior to pumping the wells for any of the other uses identified in Paragraphs 16 or 20.A.

39. The Court retains jurisdiction over this matter to make adjustments in the allowed average annual amount of withdrawal from the Denver Basin aquifers, either upwards or downwards, to conform to actual local aquifer characteristics, and the Applicant need not file a new application to request such adjustments.

A. At such time as adequate data may be available, Applicant or the State Engineer may invoke the Court's retained jurisdiction as provided in this Paragraph 39 for purposes of making a final determination of water rights as to the quantities of water available and allowed average annual withdrawals from any of the Denver Basin aquifers quantified and adjudicated herein. Any party seeking to invoke the Court's retained jurisdiction for such purpose shall file a verified petition with the Court setting forth with particularity the factual basis for such final determination of Denver Basin water rights under this Decree, together with the proposed decretal language to affect the petition. Within four months of the filing of such verified petition, the State Engineer's Office shall utilize such information as available to make a final determination of water rights finding, and shall provide such information to the Court, Applicant, and the petitioning party.

B. If no protest is filed with the Court to such findings by the State Engineer's Office within sixty (60) days, this Court shall incorporate by entry of an Amended Decree such "final determination of water rights," and the provisions of this Paragraph 39 concerning adjustments to the Denver Basin groundwater rights based upon local aquifer conditions shall no longer be applicable. In the event of a protest being timely filed, or should the State Engineer's Office make no timely determination as provided in Paragraph 39.A., above, the "final determination of water rights" sought in the petition may be made by the Water Court after notice to all parties and following a full and fair hearing, including entry of an Amended Decree, if applicable in the Court's reasonable discretion.

40. Pursuant to C.R.S. § 37-92-304(6), the Court shall retain continuing jurisdiction over the plan for augmentation decreed herein for reconsideration of the question of whether the provisions of this Decree are necessary and/or sufficient to prevent injury to vested water rights of others, as pertains to the use of Denver Basin groundwater supplies adjudicated herein for augmentation purposes. The Court also retains continuing jurisdiction for the purpose of

determining compliance with the terms of the augmentation plan. The City of Colorado Springs owns senior water rights on Monument Creek in the Arkansas River system that may be negatively impacted by the operation of this decree wherein depletions to Monument Creek will not be replaced to Monument Creek, but rather will be replaced in the South Platte stream system. Colorado Springs reserves the right to claim that the cumulative negative impacts of this and other similar decrees constitutes injury to its senior Monument Creek rights. In the interest of settlement only, Colorado Springs consents to the entry of this Decree. However, by doing so Colorado Springs does not waive its right to claim injury and to seek relief in the future according to this paragraph. The Court further retains jurisdiction should the Applicant later seek to amend this Decree by seeking to prove that post-pumping depletions are noninjurious, that the extent of replacement for post-pumping depletions is less than the amount of water reserved herein, and other post-pumping matters addressed in Paragraph 20.D. The Court's retained jurisdiction may be invoked using the process set forth in Paragraph 42.

41. As pertains to the Denver Basin groundwater supplies, the Court shall retain continuing jurisdiction for so long as Applicant is required to replace depletions to the South Platte stream system, to determine whether the replacement of depletions to the South Platte stream system instead of the Arkansas stream system is causing material injury to water rights tributary to the Arkansas stream system.

42. Any person may invoke the Court's retained jurisdiction at any time that Applicant is causing depletions, including ongoing post-pumping depletions, to the Arkansas River system and is replacing such depletions to only the South Platte River system. Any person seeking to invoke the Court's retained jurisdiction shall file a verified petition with the Court setting forth with particularity the factual basis for the alleged material injury and to request that the Court reconsider material injury to petitioners' vested water rights associated with the above replacement of depletions under this Decree, together with the proposed decretal language to effect the petition. The party filing the petition shall have the burden of proof going forward to establish a prima facie case based on the facts alleged in the petition and that Applicant's failure to replace depletions to the Arkansas River system is causing material injury to water rights owned by that party invoking the Court's retained jurisdiction, except that the State and Division Engineer may invoke the Court's retained jurisdiction by establishing a prima facie case that material injury is occurring to any vested or conditionally decreed water rights in the Arkansas River system due to the location of Applicant's replacement water. If the Court finds that those facts are established, the Applicant shall thereupon have the burden of proof to show (i) that petitioner is not materially injured, or (ii) that any modification sought by the petitioner is not required to avoid material injury to the petitioner, or (iii) that any term or condition proposed by Applicant in response to the petition does avoid material injury to the petitioner. The Division of Water Resources as a petitioner shall be entitled to assert material injury to the vested water rights of others.

43. Except as otherwise specifically provided in Paragraphs 39-42, above, pursuant to the provisions of C.R.S. §§ 37-92-304(6) and 37-92-305(11), this plan for augmentation decreed herein shall be subject to the reconsideration of this Court on the question of material injury to vested water rights of others, for a period of five years. Any party, within such period, may

petition the Court to invoke its retained jurisdiction. Any party seeking to invoke the Court's retained jurisdiction shall file a verified petition with the Court setting forth with particularity the factual basis for requesting that the Court reconsider injury to petitioner's vested water rights associated with the operation of this Decree, together with proposed decretal language to affect the petition. The party filing the petition shall have the burden of proof of going forward to establish a prima facie case based on the facts alleged in the petition. If the Court finds those facts are established, Applicant shall thereupon have the burden of proof to show: (i) that the petitioner is not injured, or (ii) that any modification sought by the petitioner is not required to avoid injury to the petitioner, or (iii) that any term or condition proposed by Applicant in response to the petition does avoid injury to the petitioner. The Division of Water Resources as a petitioner shall be entitled to assert injury to vested water rights of others. If no such petition is filed within such period and the retained jurisdiction period is not extended by the Court in accordance with the provisions of the statute, this matter shall become final under its own terms.

44. Pursuant to C.R.S. § 37-92-502(5)(a), the Applicant shall install and maintain such water measurement devices and recording devices as are deemed necessary by the State Engineer or Division Engineers, and the same shall be installed and operated in accordance with instruction from said entities. Applicant is to install and maintain a totalizing flow meter on Iron Ridge Well Nos. 1 through 30, or any additional or replacement wells associated therewith, and is required to include geophysical logging on each newly constructed well. Applicant shall read and record the well meter readings and submit to the Commission bi-annually, on October 31st or March 31st, or as otherwise requested by the Water Commissioner.

45. The vested water rights, water right structures, and plan for augmentation decreed herein shall be subject to all applicable administrative rules and regulations, as currently in place or as may in the future be promulgated, of the offices of Colorado State and Division Engineers for administration of such water rights, to the extent such rules and regulations are uniformly applicable to other similarly situated water rights and water users. The Iron Ridge Well Nos. 1 through 30 shall be permitted as non-exempt structures under the plan for augmentation decreed herein. The State Engineer shall identify in any permits issued pursuant to this Decree, the specific uses which can be made of the groundwater to be withdrawn, and, to the extent the well permit application requests a use that has not been specifically identified in this Decree, shall not issue a permit for any proposed use, which use the State Engineer determines to be speculative at the time of the well permit application or which would be inconsistent with the requirements of this Decree, any separately decreed plan for augmentation, or any modified decree and augmentation plan.

46. This Ruling of Referee, when entered as a decree of the Water Court, shall be recorded in the real property records of El Paso County, Colorado. Copies of this ruling shall be mailed as provided by statute.

Dated February 20, 2026

BY THE REFEREE:

John S. Cowan, Water Referee
Water Division One

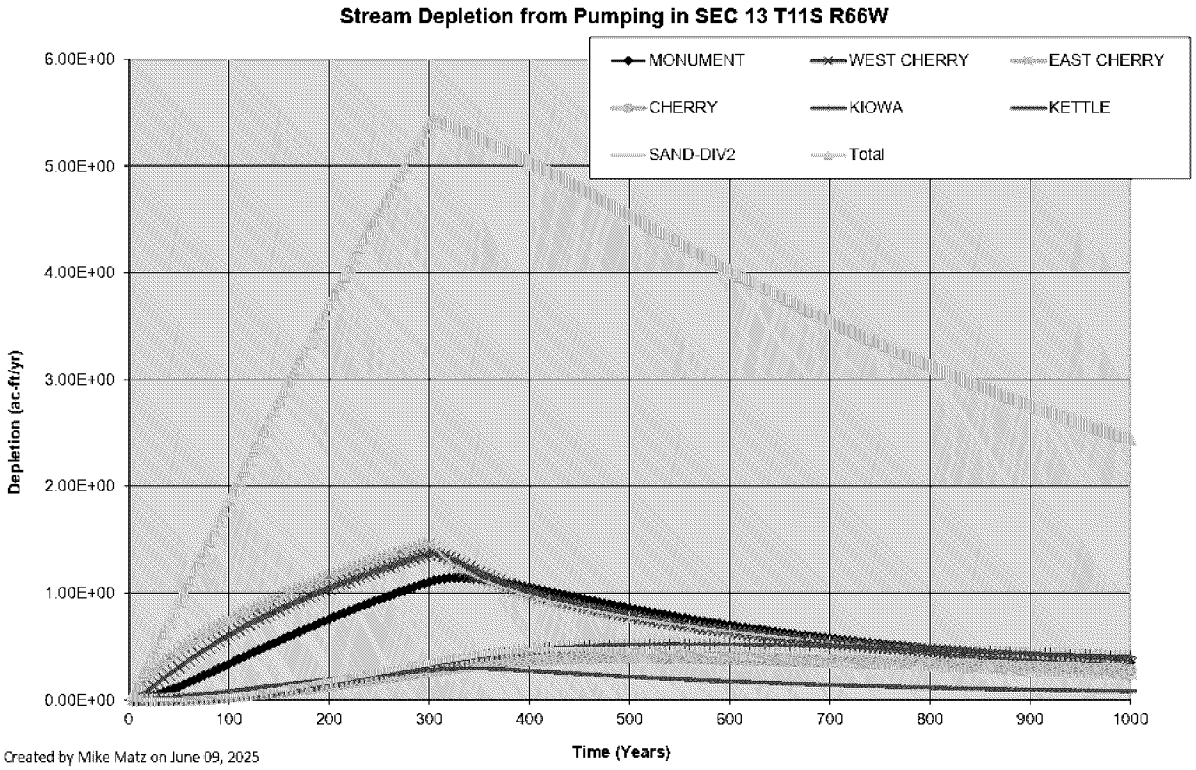
DECREE

The Court finds that no protest was filed in this matter. The foregoing ruling is confirmed and approved and is hereby made the judgment and decree of this Court.

Dated: March 27, 2026

BY THE COURT:

Todd Taylor
Water Judge, Water Division One



Atticus Land, LLC
25CW3042

EXHIBIT A

Exhibit C
Water Resources Report
Iron Ridge Subdivision

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Cyanide-Free	**ND mg/L**	ASTM D4282-15	0.005 mg/L		7/17/25	QC83363	KRB
Nitrate/ Nitrite Nitrogen	**0.76 mg/L**	Calculation	0.05 mg/L		7/18/25	-	RLP
Chloride	**1.4 mg/L**	EPA 300.0	0.1 mg/L	250	7/16/25	QC83388	KJP
Fluoride	**0.12 mg/L**	EPA 300.0	0.10 mg/L	4	7/16/25	QC83387	KJP
Nitrate Nitrogen	**0.72 mg/L**	EPA 300.0	0.05 mg/L	10	7/16/25	QC83389	KJP
Nitrite Nitrogen	**0.04 mg/L**	EPA 300.0	0.03 mg/L	1	7/16/25	QC83390	KJP
Sulfate	**3.4 mg/L**	EPA 300.0	0.1 mg/L	250	7/16/25	QC83391	KJP
Cyanide-Total	**ND mg/L**	EPA 335.4	0.005 mg/L		7/17/25	QC83365	KRB
Dibromochloropropane	**ND ug/L**	EPA 504.1	0.02 ug/L	0.2	7/17/25	QC83296	LLM
Ethylene dibromide	**ND ug/L**	EPA 504.1	0.01 ug/L	0.05	7/17/25	QC83296	LLM
Aldrin	**ND ug/L**	EPA 505	0.05 ug/L		7/17/25	QC83297	LLM
Chlordane	**ND ug/L**	EPA 505	0.2 ug/L	2	7/17/25	QC83297	LLM
Dieldrin	**ND ug/L**	EPA 505	0.05 ug/L		7/17/25	QC83297	LLM
Endrin	**ND ug/L**	EPA 505	0.01 ug/L	2	7/17/25	QC83297	LLM
Heptachlor epoxide	**ND ug/L**	EPA 505	0.02 ug/L	0.2	7/17/25	QC83297	LLM
Hexachlorobenzene	**ND ug/L**	EPA 505	0.1 ug/L	1	7/17/25	QC83297	LLM
Hexachlorocyclopentadiene	**ND ug/L**	EPA 505	0.1 ug/L	50	7/17/25	QC83297	LLM
Lindane	**ND ug/L**	EPA 505	0.02 ug/L	0.2	7/17/25	QC83297	LLM
Methoxychlor	**ND ug/L**	EPA 505	0.1 ug/L	40	7/17/25	QC83297	LLM
Polychlorinated biphenyl's	**ND ug/L**	EPA 505	0.1 ug/L	0.5	7/17/25	QC83297	LLM
Toxaphene	**ND ug/L**	EPA 505	1 ug/L	3	7/17/25	QC83297	LLM

Abbreviations/ References:

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mg/L = Milligrams Per Liter or PPM
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(s) The accuracy of the spike recovery value is reduced due to the analyte concentration in the sample being disproportionate to the spike level. The laboratory control sample recovery was acceptable

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ND = Not Detected at Reporting Limit.

Colorado Analytical LABORATORIES INC.

Analytical Results

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
2,4,5-TP	ND ug/L	EPA 515.4	0.2 ug/L	50	7/18/25	QC83329	LLM
2,4,-D	ND ug/L	EPA 515.4	0.1 ug/L	70	7/18/25	QC83329	LLM
Dalapon	ND ug/L	EPA 515.4	1.0 ug/L	200	7/18/25	QC83329	LLM
Dicamba	ND ug/L	EPA 515.4	0.5 ug/L		7/18/25	QC83329	LLM
Dinoseb	ND ug/L	EPA 515.4	0.2 ug/L	7	7/18/25	QC83329	LLM
Pentachlorophenol	ND ug/L	EPA 515.4	0.04 ug/L	1	7/18/25	QC83329	LLM
Picloram	ND ug/L	EPA 515.4	0.1 ug/L	500	7/18/25	QC83329	LLM
Alachlor	ND ug/L	EPA 525.2	0.2 ug/L	2	7/25/25	QC83514	AJP
Atrazine	ND ug/L	EPA 525.2	0.1 ug/L	3	7/25/25	QC83514	AJP
Benzo(a)pyrene	ND ug/L	EPA 525.2	0.02 ug/L	0.2	7/25/25	QC83514	AJP
Butachlor	ND ug/L	EPA 525.2	0.25 ug/L		7/25/25	QC83514	AJP
Di(2-ethylhexyl)adipate	ND ug/L	EPA 525.2	0.6 ug/L	400	7/25/25	QC83514	AJP
Di(2-ethylhexyl)phthalate	ND ug/L	EPA 525.2	0.6 ug/L	6	7/25/25	QC83514	AJP
Heptachlor	ND ug/L	EPA 525.2	0.04 ug/L	0.4	7/25/25	QC83514	AJP
Metolachlor	ND ug/L	EPA 525.2	0.25 ug/L		7/25/25	QC83514	AJP
Metribuzin	ND ug/L	EPA 525.2	0.25 ug/L		7/25/25	QC83514	AJP
Propachlor	ND ug/L	EPA 525.2	0.25 ug/L		7/25/25	QC83514	AJP
Simazine	ND ug/L	EPA 525.2	0.07 ug/L	4	7/25/25	QC83514	AJP
3-Hydroxycarbofuran	ND ug/L	EPA 531.1	0.5 ug/L		7/22/25	QC83418	JLS
Aldicarb	ND ug/L	EPA 531.1	0.6 ug/L		7/22/25	QC83418	JLS
Aldicarb sulfone	ND ug/L	EPA 531.1	1.0 ug/L		7/22/25	QC83418	JLS
Aldicarb sulfoxide	ND ug/L	EPA 531.1	0.7 ug/L		7/22/25	QC83418	JLS
Carbaryl	ND ug/L	EPA 531.1	0.5 ug/L		7/22/25	QC83418	JLS

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Analytical Results

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Colorado Springs CO 80903

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Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Carbofuran	**ND ug/L**	EPA 531.1	0.9 ug/L	40	7/22/25	QC83418	JLS
Methomyl	**ND ug/L**	EPA 531.1	0.5 ug/L		7/22/25	QC83418	JLS
Oxamyl	**ND ug/L**	EPA 531.1	1.0 ug/L	200	7/22/25	QC83418	JLS
Glyphosate	**ND ug/L**	EPA 547	6.0 ug/L	700	7/19/25	-	)UTSIDE LAI
Endothall	**ND ug/L**	EPA 548.1	9 ug/L	100	7/17/25	QC83345	AJP
Diquat	**ND ug/L**	EPA 549.2	0.4 ug/L	20	7/18/25	QC83341	TRT
1,1,1,2-Tetrachloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,1,1-Trichloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L	200	7/22/25	QC83372	LLM
1,1,2,2-Tetrachloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,1,2-Trichloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
1,1-Dichloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,1-Dichloroethylene	**ND ug/L**	EPA-524.2	0.5 ug/L	7	7/22/25	QC83372	LLM
1,1-Dichloropropene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,2,3-Trichlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,2,3-Trichloropropane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,2,4-Trichlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L	70	7/22/25	QC83372	LLM
1,2,4-Trimethylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,2-Dichloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
1,2-Dichloropropane	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
1,3,5-Trimethylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,3-Dichloropropane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
1,3-Dichloropropene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM

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Colorado Analytical LABORATORIES, INC.

Analytical Results

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Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Benzene	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
Bromobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Bromochloromethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Bromodichloromethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Bromoform	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Bromomethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Carbon Tetrachloride	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
Chlorodibromomethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Chloroethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Chloroform	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Chloromethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
cis-1,2-Dichloroethylene	**ND ug/L**	EPA-524.2	0.5 ug/L	70	7/22/25	QC83372	LLM
Dibromomethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Dichlorodifluoromethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Dichloromethane	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
Ethylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L	700	7/22/25	QC83372	LLM
Fluorotrichloromethane	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Hexachlorobutadiene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Isopropylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
m-Dichlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Monochlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L	100	7/22/25	QC83372	LLM
Naphthalene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
n-Butylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
n-Propylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM

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Colorado Analytical LABORATORIES, INC.

Analytical Results

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Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
o-Chlorotoluene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
o-Dichlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L	600	7/22/25	QC83372	LLM
Para-Dichlorobenzene	**ND ug/L**	EPA-524.2	0.5 ug/L	75	7/22/25	QC83372	LLM
p-Chlorotoluene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
p-Isopropyltoluene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
sec-Butylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Styrene	**ND ug/L**	EPA-524.2	0.5 ug/L	100	7/22/25	QC83372	LLM
tert-Butylbenzene	**ND ug/L**	EPA-524.2	0.5 ug/L		7/22/25	QC83372	LLM
Tetrachloroethylene	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
Toluene	**ND ug/L**	EPA-524.2	0.5 ug/L	1000	7/22/25	QC83372	LLM
Total Trihalomethanes	**ND ug/L**	EPA-524.2	0.5 ug/L	80	7/22/25	QC83372	LLM
trans-1,2-Dichloroethylene	**ND ug/L**	EPA-524.2	0.5 ug/L	100	7/22/25	QC83372	LLM
Trichloroethylene	**ND ug/L**	EPA-524.2	0.5 ug/L	5	7/22/25	QC83372	LLM
Vinyl chloride	**ND ug/L**	EPA-524.2	0.5 ug/L	2	7/22/25	QC83372	LLM
Xylenes (total)	**ND ug/L**	EPA-524.2	0.5 ug/L	10000	7/22/25	QC83372	LLM
Total							
Iron	**ND mg/L**	EPA 200.7	0.005 mg/L	0.3	7/17/25	QC83332	JJA
Total							
Aluminum	**ND mg/L**	EPA 200.8	0.001 mg/L	0.05	7/16/25	QC83312	JJA
Antimony	**ND mg/L**	EPA 200.8	0.0012 mg/L	0.006	7/16/25	QC83312	JJA
Arsenic	**ND mg/L**	EPA 200.8	0.0006 mg/L	0.01	7/16/25	QC83312	JJA
Barium	**0.0588 mg/L**	EPA 200.8	0.0007 mg/L	2	7/16/25	QC83312	JJA
Beryllium	**ND mg/L**	EPA 200.8	0.0001 mg/L	0.004	7/16/25	QC83312	JJA

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Analytical Results

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Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Cadmium	**ND mg/L**	EPA 200.8	0.0001 mg/L	0.005	7/16/25	QC83312	JJA
Chromium	**ND mg/L**	EPA 200.8	0.0015 mg/L	0.1	7/16/25	QC83312	JJA
Manganese	**ND mg/L**	EPA 200.8	0.0008 mg/L	0.05	7/16/25	QC83312	JJA
Mercury	**ND mg/L**	EPA 200.8	0.0001 mg/L	0.002	7/16/25	QC83312	JJA
Selenium	**0.0012 mg/L**	EPA 200.8	0.0008 mg/L	0.05	7/16/25	QC83312	JJA
Silver	**ND mg/L**	EPA 200.8	0.0005 mg/L	0.1	7/16/25	QC83312	JJA
Thallium	**ND mg/L**	EPA 200.8	0.0002 mg/L	0.002	7/16/25	QC83312	JJA
Zinc	**0.004 mg/L**	EPA 200.8	0.001 mg/L	5	7/16/25	QC83312	JJA

Method	Surrogate	PercentRecovery	Acceptance Limits
EPA 515.4	DCAA	99.8	70 - 130
EPA-524.2	1-Chloro-2-Bromopropane	101.8	70 - 130
EPA-524.2	4-Bromofluorobenzene	95.0	70 - 130
EPA 525.2	1,3-dimethyl-2-nitrobenzene	101.0	70 - 130
EPA 525.2	Perylene-d12	97.6	70 - 130
EPA 525.2	Triphenylphosphate	100.0	70 - 130

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Colorado Analytical LABORATORIES INC.

Analytical QC Summary

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services

Receive Date: 7/14/25
Project Name: El Paso County Subdivision

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Dibromochloropropane	QC83296	Method Blank	ND	EPA 504.1	7/16/25
Ethylene dibromide	QC83296	Method Blank	ND	EPA 504.1	7/16/25
Aldrin	QC83297	Method Blank	ND	EPA 505	7/16/25
Chlordane	QC83297	Method Blank	ND	EPA 505	7/16/25
Dieldrin	QC83297	Method Blank	ND	EPA 505	7/16/25
Endrin	QC83297	Method Blank	ND	EPA 505	7/16/25
Heptachlor epoxide	QC83297	Method Blank	ND	EPA 505	7/16/25
Hexachlorobenzene	QC83297	Method Blank	ND	EPA 505	7/16/25
Hexachlorocyclopentadiene	QC83297	Method Blank	ND	EPA 505	7/16/25
Lindane	QC83297	Method Blank	ND	EPA 505	7/16/25
Methoxychlor	QC83297	Method Blank	ND	EPA 505	7/16/25
Polychlorinated biphenyl's	QC83297	Method Blank	ND	EPA 505	7/16/25
Toxaphene	QC83297	Method Blank	ND	EPA 505	7/16/25
2,4,5-TP	QC83329	Method Blank	ND	EPA 515.4	7/17/25
2,4,-D	QC83329	Method Blank	ND	EPA 515.4	7/17/25
Dalapon	QC83329	Method Blank	ND	EPA 515.4	7/17/25
Dicamba	QC83329	Method Blank	ND	EPA 515.4	7/17/25
Dinoseb	QC83329	Method Blank	ND	EPA 515.4	7/17/25
Pentachlorophenol	QC83329	Method Blank	ND	EPA 515.4	7/17/25
Picloram	QC83329	Method Blank	ND	EPA 515.4	7/17/25
1,1,1,2-Tetrachloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1,1-Trichloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1,2,2-Tetrachloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1,2-Trichloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1-Dichloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1-Dichloroethylene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,1-Dichloropropene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2,3-Trichlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2,3-Trichloropropane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2,4-Trichlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2,4-Trimethylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2-Dichloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,2-Dichloropropane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,3,5-Trimethylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,3-Dichloropropane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
1,3-Dichloropropene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Benzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Bromobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Bromochloromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Bromodichloromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Bromoform	QC83372	Method Blank	ND	EPA-524.2	7/18/25

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Bromomethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Carbon Tetrachloride	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Chlorodibromomethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Chloroethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Chloroform	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Chloromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
cis-1,2-Dichloroethylene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Dibromomethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Dichlorodifluoromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Dichloromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Ethylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Fluorotrichloromethane	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Hexachlorobutadiene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Isopropylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
m-Dichlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Monochlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Naphthalene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
n-Butylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
n-Propylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
o-Chlorotoluene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
o-Dichlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Para-Dichlorobenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
p-Chlorotoluene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
p-Isopropyltoluene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
sec-Butylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Styrene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
tert-Butylbenzene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Tetrachloroethylene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Toluene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Total Trihalomethanes	QC83372	Method Blank	ND	EPA-524.2	7/18/25
trans-1,2-Dichloroethylene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Trichloroethylene	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Vinyl chloride	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Xylenes (total)	QC83372	Method Blank	ND	EPA-524.2	7/18/25
Alachlor	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Atrazine	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Benzo(a)pyrene	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Butachlor	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Di(2-ethylhexyl)adipate	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Di(2-ethylhexyl)phthalate	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Heptachlor	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Metolachlor	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Metribuzin	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Propachlor	QC83514	Method Blank	ND	EPA 525.2	7/24/25
Simazine	QC83514	Method Blank	ND	EPA 525.2	7/24/25
3-Hydroxycarbofuran	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Aldicarb	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Aldicarb sulfone	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Aldicarb sulfoxide	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Carbaryl	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Carbofuran	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Methomyl	QC83418	Method Blank	ND	EPA 531.1	7/21/25

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Oxamyl	QC83418	Method Blank	ND	EPA 531.1	7/21/25
Endothall	QC83345	Method Blank	ND	EPA 548.1	7/17/25
Diquat	QC83341	Method Blank	ND	EPA 549.2	7/17/25
Chloride	QC83388	Blank	ND	EPA 300.0	7/15/25
Cyanide-Free	QC83363	Blank	ND	ASTM D4282-15	7/17/25
Cyanide-Total	QC83365	Blank	ND	EPA 335.4	7/17/25
Fluoride	QC83387	Blank	ND	EPA 300.0	7/15/25
Aluminum	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Antimony	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Arsenic	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Barium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Beryllium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Cadmium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Chromium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Manganese	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Mercury	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Selenium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Silver	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Thallium	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Zinc	QC83312	Method Blank	ND	EPA 200.8	7/14/25
Iron	QC83332	Method Blank	ND	EPA 200.7	7/14/25
Nitrate Nitrogen	QC83389	Blank	ND	EPA 300.0	7/15/25
Nitrite Nitrogen	QC83390	Blank	ND	EPA 300.0	7/15/25
Sulfate	QC83391	Blank	ND	EPA 300.0	7/15/25

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Dibromochloropropane	QC83296	LCS	70 - 130	101.6	-	EPA 504.1
		MS -250709020-01B	65 - 135	104.0	-	
Ethylene dibromide	QC83296	LCS	70 - 130	101.6	-	EPA 504.1
		MS -250709020-01B	65 - 135	106.4	-	
Aldrin	QC83297	LCS	70 - 130	97.8	-	EPA 505
		MS -250709046-01C	65 - 135	97.8	-	
Chlordane	QC83297	LCS	70 - 130	0.0	-	EPA 505
		EPA 505 multicomponent analytes include: Chlordane, Toxaphene, and PCB aroclors 1016, Tox, 1232, Tox, 1248, 1254, 1260. Batch QC includes one multicomponent; continually rotating analytes. Samples with apparent patterns are confirmed prior to reporting				
		MS -250709046-01C	65 - 135		-	
Dieldrin	QC83297	LCS	70 - 130	103.4	-	EPA 505
		MS -250709046-01C	65 - 135	103.0	-	
Endrin	QC83297	LCS	70 - 130	88.4	-	EPA 505
		MS -250709046-01C	65 - 135	88.0	-	
Heptachlor epoxide	QC83297	LCS	70 - 130	98.8	-	EPA 505
		MS -250709046-01C	65 - 135	98.4	-	
Hexachlorobenzene	QC83297	LCS	70 - 130	94.4	-	EPA 505
		MS -250709046-01C	65 - 135	94.6	-	
Hexachlorocyclopentadiene	QC83297	LCS	70 - 130	95.4	-	EPA 505
		MS -250709046-01C	65 - 135	96.0	-	
Lindane	QC83297	LCS	70 - 130	94.0	-	EPA 505
		MS -250709046-01C	65 - 135	93.8	-	
Methoxychlor	QC83297	LCS	70 - 130	88.0	-	EPA 505
		MS -250709046-01C	65 - 135	88.4	-	
Toxaphene	QC83297	LCS	70 - 130	92.7	-	EPA 505
		MS -250709046-01C	65 - 135		-	

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2,4,5-TP	QC83329	LCS	70 - 130	97.5	-	EPA 515.4
		MS -250710003-01	70 - 130	93.8	-	
		MSD -250710003-01	0 - 30	-	5.4	
2,4,-D	QC83329	LCS	70 - 130	98.3	-	EPA 515.4
		MS -250710003-01	70 - 130	107.8	-	
		MSD -250710003-01	0 - 30	-	2.2	
Dalapon	QC83329	LCS	70 - 130	96.0	-	EPA 515.4
		MS -250710003-01	70 - 130	92.2	-	
		MSD -250710003-01	0 - 30	-	2.7	
Dicamba	QC83329	LCS	70 - 130	96.7	-	EPA 515.4
		MS -250710003-01	70 - 130	98.4	-	
		MSD -250710003-01	0 - 30	-	0.5	
Dinoseb	QC83329	LCS	70 - 130	91.7	-	EPA 515.4
		MS -250710003-01	70 - 130	91.1	-	
		MSD -250710003-01	0 - 30	-	0.6	
Pentachlorophenol	QC83329	LCS	70 - 130	93.2	-	EPA 515.4
		MS -250710003-01	70 - 130	81.8	-	
		MSD -250710003-01	0 - 30	-	1.8	
Picloram	QC83329	LCS	70 - 130	93.3	-	EPA 515.4
		MS -250710003-01	70 - 130	93.0	-	
		MSD -250710003-01	0 - 30	-	2.3	
1,1,1,2-Tetrachloroethane	QC83372	LCS	70 - 130	115.0	-	EPA-524.2
		LCS Dup	0 - 20	-	42.6	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1,1-Trichloroethane	QC83372	LCS	70 - 130	112.8	-	EPA-524.2
		LCS Dup	0 - 20	-	34.3	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1,2,2-Tetrachloroethane	QC83372	LCS	70 - 130	117.2	-	EPA-524.2
		LCS Dup	0 - 20	-	39.4	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1,2-Trichloroethane	QC83372	LCS	70 - 130	115.8	-	EPA-524.2
		LCS Dup	0 - 20	-	41.3	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1-Dichloroethane	QC83372	LCS	70 - 130	120.6	-	EPA-524.2
		LCS Dup	0 - 20	-	46.1	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1-Dichloroethylene	QC83372	LCS	70 - 130	120.8	-	EPA-524.2
		LCS Dup	0 - 20	-	40.6	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,1-Dichloropropene	QC83372	LCS	70 - 130	119.6	-	EPA-524.2
		LCS Dup	0 - 20	-	38.2	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,2,3-Trichlorobenzene	QC83372	LCS	70 - 130	124.0	-	EPA-524.2
		LCS Dup	0 - 20	-	43.1	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
1,2,3-Trichloropropane	QC83372	LCS	70 - 130	119.4	-	EPA-524.2

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		LCS Dup	0 - 20	-	40.2	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,2,4-Trichlorobenzene	QC83372	LCS	70 - 130	111.4	-	EPA-524.2
		LCS Dup	0 - 20	-	39.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,2,4-Trimethylbenzene	QC83372	LCS	70 - 130	115.0	-	EPA-524.2
		LCS Dup	0 - 20	-	44.4	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,2-Dichloroethane	QC83372	LCS	70 - 130	114.8	-	EPA-524.2
		LCS Dup	0 - 20	-	36.7	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,2-Dichloropropane	QC83372	LCS	70 - 130	112.8	-	EPA-524.2
		LCS Dup	0 - 20	-	35.0	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,3,5-Trimethylbenzene	QC83372	LCS	70 - 130	116.4	-	EPA-524.2
		LCS Dup	0 - 20	-	44.8	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
1,3-Dichloropropane	QC83372	LCS	70 - 130	113.0	-	EPA-524.2
		LCS Dup	0 - 20	-	39.4	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Benzene	QC83372	LCS	70 - 130	108.8	-	EPA-524.2
		LCS Dup	0 - 20	-	36.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Bromobenzene	QC83372	LCS	70 - 130	111.4	-	EPA-524.2
		LCS Dup	0 - 20	-	38.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Bromochloromethane	QC83372	LCS	70 - 130	113.0	-	EPA-524.2
		LCS Dup	0 - 20	-	38.4	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Bromodichloromethane	QC83372	LCS	70 - 130	111.2	-	EPA-524.2
		LCS Dup	0 - 20	-	34.6	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Bromoform	QC83372	LCS	70 - 130	113.0	-	EPA-524.2
		LCS Dup	0 - 20	-	40.9	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Bromomethane	QC83372	LCS	70 - 130	150.6	-	EPA-524.2
		Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 4.99ug/L SPF 7/24/25)				
		LCS Dup	0 - 20	-	40.6	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25				
Carbon Tetrachloride	QC83372	LCS	70 - 130	117.6	-	EPA-524.2
		LCS Dup	0 - 20	-	38.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Chlorodibromomethane	QC83372	LCS	70 - 130	112.2	-	EPA-524.2
		LCS Dup	0 - 20	-	40.8	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				

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Chloroethane	QC83372	LCS	70 - 130	132.4	-	EPA-524.2
	Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 4.45ug/L SPF 7/24/25)					
		LCS Dup	0 - 20	-	39.2	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25					
Chloroform	QC83372	LCS	70 - 130	112.4	-	EPA-524.2
		LCS Dup	0 - 20	-	35.6	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Chloromethane	QC83372	LCS	70 - 130	136.8	-	EPA-524.2
	Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 4.32ug/L SPF 7/24/25)					
		LCS Dup	0 - 20	-	45.2	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25					
cis-1,2-Dichloroethylene	QC83372	LCS	70 - 130	120.8	-	EPA-524.2
		LCS Dup	0 - 20	-	46.5	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Dibromomethane	QC83372	LCS	70 - 130	114.0	-	EPA-524.2
		LCS Dup	0 - 20	-	37.7	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Dichlorodifluoromethane	QC83372	LCS	70 - 130	158.0	-	EPA-524.2
	Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 4.95ug/L SPF 7/24/25)					
		LCS Dup	0 - 20	-	45.9	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25					
Dichloromethane	QC83372	LCS	70 - 130	127.8	-	EPA-524.2
		LCS Dup	0 - 20	-	44.6	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Ethylbenzene	QC83372	LCS	70 - 130	112.4	-	EPA-524.2
		LCS Dup	0 - 20	-	43.6	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Fluorotrichloromethane	QC83372	LCS	70 - 130	152.0	-	EPA-524.2
	Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 5.21ug/L SPF 7/24/25)					
		LCS Dup	0 - 20	-	37.3	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25					
Hexachlorobutadiene	QC83372	LCS	70 - 130	125.8	-	EPA-524.2
		LCS Dup	0 - 20	-	45.5	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Isopropylbenzene	QC83372	LCS	70 - 130	117.0	-	EPA-524.2
		LCS Dup	0 - 20	-	46.1	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
m-Dichlorobenzene	QC83372	LCS	70 - 130	118.4	-	EPA-524.2
		LCS Dup	0 - 20	-	41.1	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Monochlorobenzene	QC83372	LCS	70 - 130	109.8	-	EPA-524.2
		LCS Dup	0 - 20	-	41.1	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25					
Naphthalene	QC83372	LCS	70 - 130	118.4	-	EPA-524.2

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
		LCS Dup	0 - 20	-	44.6	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
n-Butylbenzene	QC83372	LCS	70 - 130	116.0	-	EPA-524.2
		LCS Dup	0 - 20	-	45.8	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
n-Propylbenzene	QC83372	LCS	70 - 130	117.6	-	EPA-524.2
		LCS Dup	0 - 20	-	45.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
o-Chlorotoluene	QC83372	LCS	70 - 130	118.0	-	EPA-524.2
		LCS Dup	0 - 20	-	43.3	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
o-Dichlorobenzene	QC83372	LCS	70 - 130	117.4	-	EPA-524.2
		LCS Dup	0 - 20	-	40.1	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Para-Dichlorobenzene	QC83372	LCS	70 - 130	121.2	-	EPA-524.2
		LCS Dup	0 - 20	-	43.9	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
p-Chlorotoluene	QC83372	LCS	70 - 130	118.4	-	EPA-524.2
		LCS Dup	0 - 20	-	44.4	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
p-Isopropyltoluene	QC83372	LCS	70 - 130	121.8	-	EPA-524.2
		LCS Dup	0 - 20	-	46.8	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
sec-Butylbenzene	QC83372	LCS	70 - 130	128.0	-	EPA-524.2
		LCS Dup	0 - 20	-	46.9	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Styrene	QC83372	LCS	70 - 130	115.2	-	EPA-524.2
		LCS Dup	0 - 20	-	44.8	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
tert-Butylbenzene	QC83372	LCS	70 - 130	116.8	-	EPA-524.2
		LCS Dup	0 - 20	-	45.6	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Tetrachloroethylene	QC83372	LCS	70 - 130	115.0	-	EPA-524.2
		LCS Dup	0 - 20	-	36.4	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Toluene	QC83372	LCS	70 - 130	109.6	-	EPA-524.2
		LCS Dup	0 - 20	-	38.0	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
trans-1,2-Dichloroethylene	QC83372	LCS	70 - 130	125.2	-	EPA-524.2
		LCS Dup	0 - 20	-	47.7	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				
Trichloroethylene	QC83372	LCS	70 - 130	116.8	-	EPA-524.2
		LCS Dup	0 - 20	-	36.2	
		Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in both the LCS and LCS Dup. No corrective action required. LLM 7/24/25				

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Vinyl chloride	QC83372	LCS	70 - 130	142.8	-	EPA-524.2
	Analyte recovery above upper QC limits in the LCS. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25 (LCS Dup = 4.50ug/L SPF 7/24/25)					
		LCS Dup	0 - 20	-	45.4	
	Relative percent difference for the LCS/LCS Dup above upper QC limits. Analyte within QC limits in the LCS Dup, and below the MRL in all samples. No corrective action required. LLM 7/24/25					
Alachlor	QC83514	LCS	70 - 130	108.0	-	EPA 525.2
		MS -250718010-01	70 - 130	111.0	-	
Atrazine	QC83514	LCS	70 - 130	112.0	-	EPA 525.2
		MS -250718010-01	70 - 130	111.0	-	
Benzo(a)pyrene	QC83514	LCS	70 - 130	100.0	-	EPA 525.2
		MS -250718010-01	70 - 130	101.0	-	
Butachlor	QC83514	LCS	70 - 130	99.0	-	EPA 525.2
		MS -250718010-01	70 - 130	106.0	-	
Di(2-ethylhexyl)adipate	QC83514	LCS	70 - 130	92.0	-	EPA 525.2
		MS -250718010-01	70 - 130	96.0	-	
Di(2-ethylhexyl)phthalate	QC83514	LCS	70 - 130	102.0	-	EPA 525.2
		MS -250718010-01	70 - 130	106.0	-	
Heptachlor	QC83514	LCS	70 - 130	97.0	-	EPA 525.2
		MS -250718010-01	70 - 130	104.0	-	
Metolachlor	QC83514	LCS	70 - 130	107.0	-	EPA 525.2
		MS -250718010-01	70 - 130	110.0	-	
Metribuzin	QC83514	LCS	70 - 130	79.0	-	EPA 525.2
		MS -250718010-01	70 - 130	103.0	-	
Propachlor	QC83514	LCS	70 - 130	105.0	-	EPA 525.2
		MS -250718010-01	70 - 130	101.0	-	
Simazine	QC83514	LCS	70 - 130	102.0	-	EPA 525.2
		MS -250718010-01	70 - 130	106.0	-	
3-Hydroxycarbofuran	QC83418	LCS	80 - 120	83.0	-	EPA 531.1
		MS -250710141-01D	65 - 135	88.6	-	
Aldicarb	QC83418	LCS	80 - 120	96.9	-	EPA 531.1
		MS -250710141-01D	65 - 135	102.6	-	
Aldicarb sulfone	QC83418	LCS	80 - 120	97.1	-	EPA 531.1
		MS -250710141-01D	65 - 135	99.4	-	
Aldicarb sulfoxide	QC83418	LCS	80 - 120	86.3	-	EPA 531.1
		MS -250710141-01D	65 - 135	90.3	-	
Carbaryl	QC83418	LCS	80 - 120	73.1	-	EPA 531.1
	Carbaryl recovery below lower QC limits in the LCS; meets QC criteria in the MRL and MS. All samples below the MRL. No corrective action required. JLS 7/24/25					
		MS -250710141-01D	65 - 135	77.3	-	
Carbofuran	QC83418	LCS	80 - 120	90.9	-	EPA 531.1
		MS -250710141-01D	65 - 135	96.7	-	
Methomyl	QC83418	LCS	80 - 120	97.7	-	EPA 531.1
		MS -250710141-01D	65 - 135	101.6	-	
Oxamyl	QC83418	LCS	80 - 120	86.0	-	EPA 531.1
		MS -250710141-01D	65 - 135	87.1	-	
Endothall	QC83345	LCS	52 - 137	101.2	-	EPA 548.1
		MS -250714048-01F	39 - 133	90.3	-	
Diquat	QC83341	LCS	70 - 130	72.6	-	EPA 549.2
		MS -250714048-01G	70 - 130	80.0	-	
Chloride	QC83388	Duplicate -250714146-01	0 - 20	-	1.0	EPA 300.0
		LCS	90 - 110	102.9	-	

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
		MS -250714146-01	80 - 120	114.3	-	
Cyanide-Free	QC83363	Duplicate -250714046-01	0 - 20	-	14.3	ASTM D4282-15
		LCS	90 - 110	102.1	-	
		MS -250714046-01	90 - 110	104.0	-	
		MSD -250714046-01	0 - 30	-	0.0	
Cyanide-Total	QC83365	Duplicate -250715166-01	0 - 20	-	0.0	EPA 335.4
		LCS	90 - 110	102.5	-	
		MS -250710164-07	90 - 110	105.0	-	
Fluoride	QC83387	Duplicate -250714146-01	0 - 20	-	4.6	EPA 300.0
		LCS	90 - 110	107.8	-	
		MS -250714146-01	80 - 120	105.9	-	
Aluminum	QC83312	LCS	90 - 110	100.9	-	EPA 200.8
		MS -250714009-01A	70 - 130	82.5	-	
		MSD -250714009-01A	0 - 10	-	4.3	
Antimony	QC83312	LCS	90 - 110	103.8	-	EPA 200.8
		MS -250714009-01A	70 - 130	112.6	-	
		MSD -250714009-01A	0 - 10	-	1.4	
Arsenic	QC83312	LCS	90 - 110	95.4	-	EPA 200.8
		MS -250714009-01A	70 - 130	122.0	-	
		MSD -250714009-01A	0 - 10	-	0.6	
Barium	QC83312	LCS	90 - 110	105.8	-	EPA 200.8
		MS -250714009-01A	70 - 130	108.8	-	
		MSD -250714009-01A	0 - 10	-	0.6	
Beryllium	QC83312	LCS	90 - 110	101.3	-	EPA 200.8
		MS -250714009-01A	70 - 130	84.9	-	
		MSD -250714009-01A	0 - 10	-	5.2	
Cadmium	QC83312	LCS	90 - 110	97.5	-	EPA 200.8
		MS -250714009-01A	70 - 130	101.3	-	
		MSD -250714009-01A	0 - 10	-	0.3	
Chromium	QC83312	LCS	90 - 110	102.9	-	EPA 200.8
		MS -250714009-01A	70 - 130	106.5	-	
		MSD -250714009-01A	0 - 10	-	2.3	
Manganese	QC83312	LCS	90 - 110	95.6	-	EPA 200.8
		MS -250714009-01A	70 - 130	109.9	-	
		MSD -250714009-01A	0 - 10	-	0.0	
Mercury	QC83312	LCS	90 - 110	93.6	-	EPA 200.8
		MS -250714009-01A	70 - 130	83.8	-	
		MSD -250714009-01A	0 - 10	-	0.2	
Selenium	QC83312	LCS	90 - 110	96.0	-	EPA 200.8
		MS -250714009-01A	70 - 130	121.7	-	
		MSD -250714009-01A	0 - 10	-	2.5	
Silver	QC83312	LCS	90 - 110	102.9	-	EPA 200.8
		MS -250714009-01A	70 - 130	80.3	-	
		MSD -250714009-01A	0 - 10	-	8.8	
Thallium	QC83312	LCS	90 - 110	100.9	-	EPA 200.8
		MS -250714009-01A	70 - 130	98.9	-	
		MSD -250714009-01A	0 - 10	-	0.0	
Zinc	QC83312	LCS	90 - 110	98.1	-	EPA 200.8
		MS -250714009-01A	70 - 130	97.2	-	
		MSD -250714009-01A	0 - 10	-	0.0	

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Iron	QC83332	Duplicate -250714002-06	0 - 20	-	1.5	EPA 200.7
		LCS	90 - 110	105.6	-	
		MS -250714062-01A	75 - 125	108.6	-	
Nitrate Nitrogen	QC83389	Duplicate -250714146-01	0 - 20	-	0.4	EPA 300.0
		LCS	90 - 110	104.0	-	
		MS -250714146-01	80 - 120	98.2	-	
Nitrite Nitrogen	QC83390	Duplicate -250714146-01	0 - 20	-	0.8	EPA 300.0
		LCS	90 - 110	107.5	-	
		MS -250714146-01	80 - 120	96.5	-	
Sulfate	QC83391	Duplicate -250714146-01	0 - 20	-	0.8	EPA 300.0
		LCS	90 - 110	107.9	-	
		MS -250714146-01	80 - 120	119.4	-	

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing samples and generating the report (s), the analyses, report, and information submitted are, to the best of my knowledge and belief, true, accurate, and complete.

Lauren Hevert
Laboratory Director

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ND = Not Detected at Reporting Limit.

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
610 Garrison Street, Unit E
Lakewood CO 80215

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: Verkex Consulting	Company Name:	PWSID:
Contact Name: Nina Ruiz	Contact Name:	System Name:
Address:	Address:	Compliance Samples: Yes ☐ No ☒
City: Colo.Spgs State: CO Zip: 80919	City: State: Zip:	Send Results to CDPHE: Yes ☐ No ☒
Phone: 719-433-2018	Phone:	Task Number (Lab Use Only) CAL Task 250714146
Email: nina.ruiz@verkexcos.com	Email:	SLM
Sample Collector: Nina Ruiz		
Sample Collector Phone: 719-433-2161	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	PHASE I, II, V Drinking Water Analyses (check requested analysis)																				Subcontract Analyses				
					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
7/14/25	12:30-1pm	Iron Ridge																											
		25+26 blank																											

Instructions:

C/S Info:

Seals Present Yes ☐ No ☐ Headspace Yes ☐ No ☒

Delivered Via: HAND C/S Charge ☒ K

Temp. 1 °C /Ice Y Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Nina Ruiz	4pm 7/14/25						7/14/25 1546

CAL Task
250714146

SLM

Colorado Analytical LABORATORIES, INC.

Bottle Order Test Detail

Order ID: QBO25060175

Date Created: 6/30/25

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

Attention: Nina Ruiz

Verify All Shipping Addresses

Shipping Options:
Ship Via: UPS
Cooler: Yes

Chain of Custody
Drinking Water: **1**
Standard: **0**

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
1	***100 ml sterile - Na2S2O3***
	Total Coliform P/A - Water - Drinking
1	***1L - Unpreserved***
	Gross Alpha/Beta (Sub) - Water - Drinking
1	***2 - 40ml voa - Na2S2O3***
	547 Glyphosate (Sub) - Water - Drinking
1	***3 - 40ml voa - Ascorbic Acid + HCl***
	524.2 VOCS - Water - Drinking
1	***4 - 1L - Unpreserved***
	Radium 226 (Sub) - Water - Drinking
	Radium 228 (Sub) - Water - Drinking
1	***500 ml Cylinder - HNO3***
	Ag - Total - Water - Drinking
	Al - Total - Water - Drinking
	As - Total - Water - Drinking
	Ba - Total - Water - Drinking
	Be - Total - Water - Drinking
	Cd - Total - Water - Drinking

****Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.****

Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By:
Date: 7/3/25
Checked By:

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

CAL Task
250714146

SLM

Attention: Nina Ruiz

Verify All Shipping Addresses*

Shipping Options:
Ship Via: UPS Cooler: Yes

Chain of Custody
Drinking Water: **1**
Standard: **0**

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
	Cr - Total - Water - Drinking
	Fe - Total - Water - Drinking
	Hg - Water - Drinking
	Mn - Total - Water - Drinking
	Sb - Total - Water - Drinking
	Se - Total - Water - Drinking
	Tl - Total - Water - Drinking
	Zn - Total - Water - Drinking
1	***500 ml Cylinder - NaOH***
	Cyanide - Free - Water - Drinking
	Cyanide-Total - Water - Drinking
1	***500 ml Cylinder - Unpreserved***
	Chloride - Water - Drinking
	Fluoride - Water - Drinking
	Langelier Index - Water - Drinking
	Nitrate Nitrogen - Water - Drinking
	Nitrate/ Nitrite Nitrogen - Water - Drinking
	Nitrite Nitrogen - Water - Drinking
	Sulfate - Water - Drinking
1	***Full SOC Suite***
	SOC Set - Water - Drinking
1	***VOC Trip Blank***
	524 VOC - Trip Blank - Water - Drinking

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Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By: _____
Date: _____
Checked By: _____

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

Lab Control ID: 25H02611
Received: Jul 15, 2025
Reported: Sep 03, 2025
Purchase Order No.
None Received

Customer ID: 05377Z
Account ID: Z01034

Rebecca Bertke
Colorado Analytical Laboratories, Inc.
10411 Heinz Way
Commerce City, CO 80640

ANALYTICAL REPORT

Reviewed and approved by:

Roxanne Sullivan

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

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Purchase Order No.
None Received

Customer ID: 05377Z
Account ID: Z01034

ANALYTICAL REPORT

Rebecca Bertke
Colorado Analytical Laboratories, Inc.

Lab Sample ID	25H02611-001						
Customer Sample ID	**250714146-01M** - El Paso County Subdivision - Iron Ridge sampled on 07/14/25 @ 1300						
Parameter	**Units**	**Code**	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Gross Alpha	**pCi/L**	**T**	2.2	1.7	1.3	SM 7110 B	08/28/25 @ 0742	JR
Gross Beta	**pCi/L**	**T**	4.0	2.5	1.8	SM 7110 B	08/28/25 @ 0742	JR

Lab Sample ID	25H02611-002						
Customer Sample ID	**250714146-01N** - El Paso County Subdivision - Iron Ridge sampled on 07/14/25 @ 1300						
Parameter	**Units**	**Code**	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Radium-226	**pCi/L**	**T**	0.9	0.4	0.2	SM 7500-Ra B	08/18/25 @ 1320	KT
Radium-228	**pCi/L**	**T**	0.6	0.7	0.2	EPA pg.19	08/25/25 @ 1440	AT

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) = Replicate Sample (AR) = As Received < = Less Than

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY Date: 08/28/2025

Batch QC Summary Form

Analyte: Gross Alpha

Control Standard/LFB: ID: C11-007 pCi/mL: 57.4 (use 1 diluted)

Spike Solution: ID: C11-007 pCi/mL: 57.4 (use 1 mL)

Spike Recovery Calculation: Sample: Tap

$$\text{Calculation: } \frac{(267.6)\ (0.200) - (0.75)\ (0.500)}{57.4} \times 100 = 92.6\%$$

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 evaluted in this report.

Batch Listing by Lab Control Number:

25H02599	25H02623
25H02607	25H02624
25H02611	25H02625
25H02612	25H02631
25H02613	25H02634
25H02618	
25H02619	
25H02620	
25H02621	
25H02622	

Evaluator: 

09/02/2025
Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY Date: 08/28/2025

Batch QC Summary Form

Analyte: Gross Beta

Control Standard/LFB: ID: C11-007 pCi/mL: 44 (use 1 diluted)

Spike Solution: ID: C11-007 pCi/mL: 44 (use 1 mL)

Spike Recovery Calculation: Sample: Tap

$$\text{Calculation: } \frac{(205.3)\ (0.200) - (0.9)\ (0.200)}{44} \times 100 = 92.9\%$$

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 evaluted in this report.

Batch Listing by Lab Control Number:

25H02599	25H02623
25H02607	25H02624
25H02611	25H02625
25H02612	25H02631
25H02613	25H02634
25H02618	
25H02619	
25H02620	
25H02621	
25H02622	

Evaluator: 

09/02/2025
Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY Date: 08/18/2025

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-10 pCi/mL: 5.28 (use 2 diluted)

Spike Solution: ID: C73-10 pCi/mL: 5.28 (use 2 mL)

Spike Recovery Calculation: Sample: 25H02611-02b

$$\text{Calculation: } \frac{(11.9)\ (1.000) - (0.9)\ (1.000)}{10.56} \times 100 = 104\%$$

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 evaluted in this report.

Batch Listing by Lab Control Number:

25H02607	
25H02611	
25H02612	
25H02613	
25H02461	

Evaluator: Roxanne Sullivan

11/05/2124
Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY Date: 08/25/2025

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-010 pCi/mL: 14.1 (use 5 diluted)

Spike Solution: ID: C6-010 pCi/mL: 14.1 (use 5 mL)

Spike Recovery Calculation: Sample: 25H02613-2c

$$\text{Calculation: } \frac{(80.0)\ (1.000) - (1.5)\ (1.000)}{70.5} \times 100 = 111\%$$

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 evaluted in this report.

Batch Listing by Lab Control Number:

25H02599	
25H02611	
25H02612	
25H02613	
25H02621	
25H02623	
25H02624	
25H02631	

Evaluator: _____

09/02/2025
Date

Colorado Analytical LABORATORIES, INC.

25H 02611

Ship To: Hazen Research
Preserved: Y / N
HNO3 Lot #: N/A
Date Preserved:

Report To Information	Bill To Information: (If different from report to)	Project Name
Company Name: Colorado Analytical Laboratory Report To: Rebecca Bertke E-Mail: rebeccabertke@coloradolab.com		El Paso County Subdivision
Address: 10411 Heinz Way Commerce City, CO 80640 Phone: 303-659-2313	Address: CAL TASK 250714146 SLM	Compliance Samples: Yes ☐ No ☑ Submit Data to CDPHE: Yes ☐ No ☑

Tests Requested

Sample Date/Time	Sample ID	Matrix	Radium 226 (Sub)	Gross Alpha/Beta (Sub)	Radium 228 (Sub)	Container Type
7/14/25 1:00 PM	250714146-01M - Iron Ridge	Water - Drinking		X		1L - Unpreserved
7/14/25 1:00 PM	250714146-01N - Iron Ridge	Water - Drinking	X		X	4 - 1L - Unpreserved

Comment:

Radon Checked Date: ____ Time: ____
Air Bubbles? NO YES X 1 YES X 2
Headspace? NO YES X 1 YES X 2
Initial ____ Date: ____
pH Check and Preservation Acid Lot # A21
Initial pH check date: 07/15/25 Time: 11:50
2nd pH check date: 07/16/25 Time: 08:35
Final pH 2 Preserved by: HD

9.5°C

Relinquished by: (Signature)	Date: Time	Received by: (Signature)	Date: Time	Relinquished by: (Signature)	Date Time	Received by: (Signature)	Date: Time:
[signature]	7/15/25 800	[signature]	07/15/25 11:40				

Colorado Analytical
LABORATORIES, INC

Analytical Results

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Lab Number	Customer Sample ID	Sample Date/Time	Test	Result	Method	Date Analyzed
250714146-01K	Iron Ridge	7/14/25 1:00 PM	Total Coliform	**Absent**	SM 9223	7/15/25
			E-Coli	**Absent**	SM 9223	7/15/25

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

Lauren Hevert
Laboratory Director

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
610 Garrison Street, Unit E
Lakewood CO 80215

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: Verkx Consulting	Company Name:	PWSID:
Contact Name: Nina Ruiz	Contact Name:	System Name:
Address:	Address:	Compliance Samples: Yes ☐ No ☒
City: Colo. Spgs State: CO Zip: 80919	City: State: Zip:	Send Results to CDPHE: Yes ☐ No ☒
Phone: 719-433-2018	Phone:	Task Number (Lab Use Only) CAL Task 250714146 SLM
Email: nina.ruiz@verkxcos.com	Email:	
Sample Collector: Nina Ruiz		
Sample Collector Phone: 719-433-2161	PO Number:	

				PHASE I, II, V Drinking Water Analyses (check requested analysis)																					Subcontract Analyses				
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
7/14/25	12:30-1pm	Iron Ridge																											

25+2 blank

Instructions:

C/S Info:

Delivered Via: FAND C/S Charge ☒ K

Seals Present Yes ☐ No ☐ Headspace Yes ☐ No ☒

Temp. 1 °C /Ice Y Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time: 4pm 7/14/25	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time: 7/14/25 1546
Nina Ruiz							

CAL Task
250714146
SLM

Colorado Analytical
LABORATORIES, INC.

Bottle Order Test Detail

Order ID: QBO25060175
Date Created: 6/30/25

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

Attention: Nina Ruiz

Verify All Shipping Addresses

Shipping Options:
Ship Via: UPS
Cooler: Yes

Chain of Custody
Drinking Water: 1
Standard: 0

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
1	***100 ml sterile - Na2S2O3***
	Total Coliform P/A - Water - Drinking
1	***1L - Unpreserved***
	Gross Alpha/Beta (Sub) - Water - Drinking
1	***2 - 40ml voa - Na2S2O3***
	547 Glyphosate (Sub) - Water - Drinking
1	***3 - 40ml voa - Ascorbic Acid + HCl***
	524.2 VOCS - Water - Drinking
1	***4 - 1L - Unpreserved***
	Radium 226 (Sub) - Water - Drinking
	Radium 228 (Sub) - Water - Drinking
1	***500 ml Cylinder - HNO3***
	Ag - Total - Water - Drinking
	Al - Total - Water - Drinking
	As - Total - Water - Drinking
	Ba - Total - Water - Drinking
	Be - Total - Water - Drinking
	Cd - Total - Water - Drinking

****Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.****

Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By:
Date: 7/3/25
Checked By:

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

CAL Task
250714146

SLM

Attention: Nina Ruiz

Verify All Shipping Addresses*

Shipping Options:
Ship Via: UPS
Cooler: Yes

Chain of Custody
Drinking Water: **1**
Standard: **0**

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
	Cr - Total - Water - Drinking
	Fe - Total - Water - Drinking
	Hg - Water - Drinking
	Mn - Total - Water - Drinking
	Sb - Total - Water - Drinking
	Se - Total - Water - Drinking
	Tl - Total - Water - Drinking
	Zn - Total - Water - Drinking
1	***500 ml Cylinder - NaOH***
	Cyanide - Free - Water - Drinking
	Cyanide-Total - Water - Drinking
1	***500 ml Cylinder - Unpreserved***
	Chloride - Water - Drinking
	Fluoride - Water - Drinking
	Langelier Index - Water - Drinking
	Nitrate Nitrogen - Water - Drinking
	Nitrate/ Nitrite Nitrogen - Water - Drinking
	Nitrite Nitrogen - Water - Drinking
	Sulfate - Water - Drinking
1	***Full SOC Suite***
	SOC Set - Water - Drinking
1	***VOC Trip Blank***
	524 VOC - Trip Blank - Water - Drinking

****Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.****

Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By: _____
Date: _____
Checked By: _____

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Bill To: Nina Ruiz
Company: VERTEX Consulting Services
455 E Pikes Peak Ave
Ste 101
Colorado Springs CO 80903

Task No.: 250714146
Client PO:
Client Project: El Paso County Subdivision

Date Received: 7/14/25
Date Reported: 9/4/25
Matrix: Water - Drinking

Customer Sample ID Iron Ridge
Sample Date/Time: 7/14/25 1:00 PM
Lab Number: 250714146-01

Test	Result	Method	RL	Date Analyzed	QC Batch ID	Analyzed By
Bicarbonate	**98.2 mg/L as CaCO3**	SM 2320-B	4.0 mg/L as CaCO3	7/15/25	-	JDM
Calcium as CaCO3	**21.8 mg/L**	EPA 200.7	0.1 mg/L	7/17/25	-	JJA
Carbonate	**ND mg/L as CaCO3**	SM 2320-B	4.0 mg/L as CaCO3	7/15/25	-	JDM
Hydroxide	**ND mg/L as CaCO3**	SM 2320-B	4.0 mg/L as CaCO3	7/15/25	-	JDM
Langelier Index	**-1.90 units**	SM 2330-B	units	7/22/25	-	SAN
pH	**6.48 units**	SM 4500-H-B	0.01 units	7/14/25	-	JJA
Temperature	**20 °C**	SM 4500-H-B	1 °C	7/14/25	-	JJA
Total Alkalinity	**98.2 mg/L as CaCO3**	SM 2320-B	4.0 mg/L as CaCO3	7/15/25	QC83278	JDM
Total Dissolved Solids	**95 mg/L**	SM 2540-C	5 mg/L	7/17/25	QC83326	ISG

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations.
(s) Spike amount low relative to the sample amount.
ND = Not Detected at Reporting Limit.

Colorado Analytical Laboratories, Inc.

Analytical QC Summary

TASK NO: 250714146

Report To: Nina Ruiz
Company: VERTEX Consulting Services

Receive Date: 7/14/25
Project Name: El Paso County Subdivision

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Total Alkalinity	QC83278	Blank	ND	SM 2320-B	7/15/25
Total Dissolved Solids	QC83326	Blank	ND	SM 2540-C	7/16/25

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Total Alkalinity	QC83278	Duplicate -250714146-01	0 - 20	-	8.5	SM 2320-B
		LCS	90 - 110	100.1	-	
		LCS-2	90 - 110	105.4	-	
Total Dissolved Solids	QC83326	Duplicate -250715221-03	0 - 10	-	2.5	SM 2540-C
		LCS	85 - 115	101.7	-	

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing samples and generating the report (s), the analyses, report, and information submitted are, to the best of my knowledge and belief, true, accurate, and complete.

Lauren Hevert
Laboratory Director

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

(d) RPD acceptable due to low duplicate and sample concentrations
(s) Spike amount low relative to the sample amount
ND = Not Detected at Reporting Limit.

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
610 Garrison Street, Unit E
Lakewood CO 80215

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: Verkx Consulting	Company Name:	PWSID:
Contact Name: Nina Ruiz	Contact Name:	System Name:
Address:	Address:	Compliance Samples: Yes ☐ No ☒
City: Colo. Spgs State: CO Zip: 80919	City: State: Zip:	Send Results to CDPHE: Yes ☐ No ☒
Phone: 719-433-2018	Phone:	Task Number (Lab Use Only) CAL Task 250714146
Email: nina.ruiz@verkxcos.com	Email:	SLM
Sample Collector: Nina Ruiz		
Sample Collector Phone: 719-433-2161	PO Number:	

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
			PHASE I, II, V Drinking Water Analyses (check requested analysis)																						**Subcontract Analyses**				
7/14/25	12:30-1pm	Iron Ridge																											

25+2 blank

Instructions:

C/S Info:

Delivered Via: HAND C/S Charge ☒ K

Seals Present Yes ☐ No ☐ Headspace Yes ☐ No ☒

Temp. 1 °C /Ice Y Sample Pres. Yes ☐ No ☐

Relinquished By:	Date/Time: 4pm 7/14/25	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time: 7/14/25 1546
Nina Ruiz							

CAL Task
250714146

SLM

Colorado Analytical LABORATORIES, INC.

Bottle Order Test Detail

Order ID: QBO25060175

Date Created: 6/30/25

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

Attention: Nina Ruiz

Verify All Shipping Addresses

Shipping Options:
Ship Via: UPS
Cooler: Yes

Chain of Custody
Drinking Water: 1
Standard: 0

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
1	***100 ml sterile - Na2S2O3***
	Total Coliform P/A - Water - Drinking
1	***1L - Unpreserved***
	Gross Alpha/Beta (Sub) - Water - Drinking
1	***2 - 40ml voa - Na2S2O3***
	547 Glyphosate (Sub) - Water - Drinking
1	***3 - 40ml voa - Ascorbic Acid + HCl***
	524.2 VOCS - Water - Drinking
1	***4 - 1L - Unpreserved***
	Radium 226 (Sub) - Water - Drinking
	Radium 228 (Sub) - Water - Drinking
1	***500 ml Cylinder - HNO3***
	Ag - Total - Water - Drinking
	Al - Total - Water - Drinking
	As - Total - Water - Drinking
	Ba - Total - Water - Drinking
	Be - Total - Water - Drinking
	Cd - Total - Water - Drinking

****Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.****

Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By:
Date: 7/3/25
Checked By:

Ship To: VERTEX Consulting Services
117 S Wahsatch Ave
Colorado Springs CO 80903

CAL Task
250714146

SLM

Attention: Nina Ruiz

Verify All Shipping Addresses*

Shipping Options:
Ship Via: UPS
Cooler: Yes

Chain of Custody
Drinking Water: **1**
Standard: **0**

Customer Needs By: 7/10/25
Ships From: Lakewood

Project:
El Paso County Subdivision

Qty.	Bottle / Preservative / Test
	Cr - Total - Water - Drinking
	Fe - Total - Water - Drinking
	Hg - Water - Drinking
	Mn - Total - Water - Drinking
	Sb - Total - Water - Drinking
	Se - Total - Water - Drinking
	Tl - Total - Water - Drinking
	Zn - Total - Water - Drinking
1	***500 ml Cylinder - NaOH***
	Cyanide - Free - Water - Drinking
	Cyanide-Total - Water - Drinking
1	***500 ml Cylinder - Unpreserved***
	Chloride - Water - Drinking
	Fluoride - Water - Drinking
	Langelier Index - Water - Drinking
	Nitrate Nitrogen - Water - Drinking
	Nitrate/ Nitrite Nitrogen - Water - Drinking
	Nitrite Nitrogen - Water - Drinking
	Sulfate - Water - Drinking
1	***Full SOC Suite***
	SOC Set - Water - Drinking
1	***VOC Trip Blank***
	524 VOC - Trip Blank - Water - Drinking

****Samples should be shipped or hand delivered the same day they are collected. Orders that require sub-lab analysis should be delivered to the lab Monday thru Wednesday only.****

Internal Shipping Instructions:

Ship to: Craig Dossey (Nina Ruiz)
6419 Galway Drive
Colorado Springs, CO 80918

Shipped By: _____
Date: _____
Checked By: _____