

Timbers at Black Forest SUBDIVISION

WATER RESOURCES REPORT

**For
Timbers at Black Forest
No. 1**

June 15, 2026

Prepared By:



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

Executive Summary:

Water Resources Report – Timbers at Black Forest

W. James Tilton and Chris D. Cummins of Monson, Cummins, Shohet & Farr, LLC, on behalf of the Applicant, Michael C. Turner (“Applicant/Owner”), provide the following Water Resources/Wastewater Disposal Report in support of the Timbers of Black Forest Subdivision No. 1. 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, overseen by Mr. Cummins and 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 Timbers at Black Forest Subdivision No. 1 (the “Subdivision”), in El Paso County, Colorado.

The Property consists of approximately 53.15 acres located at the current street address of 9220 Arroya Lane, Colorado Springs, CO 80908 located in the SW¼ of Section 22, Township 12 South, Range 65 West of the 6th P.M., County of El Paso, State of Colorado. The twenty-one 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”). The proposed subdivision includes twenty-one residential lots. Lots 9 and 11 have existing residences and will each be approximately 2.5 acres. The remaining nineteen lots are currently unimproved.

It is expected that each of the residential homes on each lot in the Subdivision will require an average of 0.26 annual acre-feet of water supply, for a total of 5.46 annual acre-feet for in-house uses with additional amounts for use on each of the lots for a total amount of 9.92 acre-feet for all lots annually, to be provided through twenty-one individual wells to the not-nontributary Dawson aquifer, consistent with the decree in Case No. 17CW3031, as issued by the Water Court, Division 2, on February 28, 2018 confirming the Ruling of Referee issued on February 1, 2018 (“Decree”). Each Dawson aquifer well will be permitted to pump up to 0.472 annual acre feet for the use on its respective lot. The Decree provides for a 300-year water supply for the residential lots within the Subdivision, with each residential lot utilizing ISDS of a non-evaporative nature.

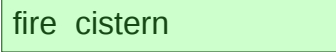
The water resources to be utilized on the residential lots in the Subdivision are typical of rural residential development in El Paso County, Colorado. Case No. 17CW3031 and the Augmentation Plan decreed by the Water Court, Division 2, demonstrates a sufficient quantity and reliability of water to support compliance with El Paso County’s 300-year water supply rules for subdivisions of this nature, and the well-

established water quality in the Dawson Aquifer in this part of the County demonstrates a sufficient water quality consistent with El Paso County Land Development Code and Section 8.4.7(B)(3)(d), which is further supported by the water quality testing completed on the existing well on the Owner's property.

I. INTRODUCTION

The purpose of this report is to provide an outline of the water resources, and associated wastewater requirements, necessary for approval of the Timbers at Black Forest Subdivision No. 1, as proposed.

1.1 New Development Description: The Subdivision consists of approximately 53.15 acres at 9220 Arroya Lane, Colorado Springs, CO 80908 located in the SW $\frac{1}{4}$ of Section 22, Township 12 South, Range 65 West of the 6th P.M., County of El Paso, State of Colorado. The Property will be subdivided into twenty-one lots. **Exhibit A**, attached hereto, is a preliminary plat for the Subdivision as proposed, prepared by Gould Land Surveying.



fire cistern

II. PROJECTION OF WATER NEEDS

2.1 Analysis of Water Demands: It is expected that the twenty-one residential lots in the Subdivision will utilize twenty-one individual wells. One of these wells is an existing exempt domestic well associated with Well Permit No. 9857-A. The well permit was issued pursuant to C.R.S. § 37-92-602 and drilled to the Dawson aquifer. This well will be permitted pursuant to the augmentation plan for 0.472 annual acre-feet of Dawson aquifer groundwater following approval of the Timbers at Black Forest Subdivision. The remaining twenty wells will also be to the not-nontributary Dawson aquifer, all to be used for drinking and sanitary purposes in the principal houses and in stand-alone home offices or guest cottages, for livestock watering, for landscape and garden irrigation, hot tubs, swimming pools, and decorative uses such as decorative ponds and fountains, and augmentation through septic system return flows, and for incidental commercial uses for a home-based business. It is anticipated that each Dawson aquifer well will utilize 0.472 annual acre-feet of groundwater, with approximately 0.26 annual acre-feet to be used in-house, consistent with Section 8.4.7(B)(7)(d), with each lot's remaining amount of groundwater being used for other permitted uses. The provided Water Supply Information Summary provided with this application provides estimates of 3.99 annual acre-feet for a total of 1.62 acres of irrigation, and 0.462 annual acre feet for up to 42 head of large animals for stock watering.

Based on the data for the existing well on this property (Permit No. 9857-A), and data of other wells in vicinity of this property, wells drilled to the Dawson aquifer produce at approximately 12 to 15 gallons per minute. 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. APPLICANT'S WATER RIGHTS AND PROPOSED FACILITIES

3.1 Water Rights: An Augmentation Plan for utilizing the underlying Dawson aquifer was decreed by the Water Court, Division 2, in Case No. 17CW3031 on February 28, 2018. A copy of the 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 – 100 Years (Acre Feet)	Annual Average Withdrawal – 300 Years (Acre Feet)
Dawson (NNT)	280	2,976	29.8	9.93
Denver (NNT)	315	2,846	28.5	9.5
Arapahoe (NT)	250	2,259	22.6	N/A
Laramie Fox Hills (NT)	190	1,515	15.1	N/A

All depletions are augmented in time, place, and amount through septic return flows during pumping. Post-pumping depletions will be replaced by groundwater reserved in the Arapahoe and Laramie-Fox Hills aquifers. 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 one existing and twenty additional not-nontributary Dawson aquifer formation wells, one for each Lot. See **Exhibit A**. 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, and such production is consistent with the historical use of Well Permit No. 9857-A on the property. A copy of the well permit file from the Division of Water Resources for Permit No. 9857-A is attached hereto as **Exhibit C**. Such flow rates are typical of individual wells in subdivisions within the area, including for typical firefighting purposes.

IV. WATER QUALITY AND WASTEWATER – 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 which support the approved Augmentation Plan.

4.1 Water Quality: The water quality in the Denver Basin aquifers in this area is well established as being suitable for potable use with only in-house filtration for mineral deposits, as thousands of households in El Paso County utilizing Denver Basin wells do. The existing well has been historically utilized for water service to a single-family home, with all legal requirements regarding bacterial/inorganics testing presumably satisfactory. Applicant has obtained new water quality testing for the existing well with Permit No. 9857-A, including bacterial and inorganic testing, so as to ensure compliance with Land Development Code Section 8.4.7(B)(3)(d), and copies of these testing results will be provided with this analysis. The groundwater tests results reveal slightly elevated levels

of radium, sulfate, iron, barium, and other minerals. It is our understanding that these are usually are readily addressed by individual residences utilizing their own water treatment systems. All to-be-constructed wells will meet all applicable regulatory requirements regarding quality testing before being utilized as a residential water source.

4.2 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 232 gallons per day per single-family residence, assuming residential in-house use at the 0.26 acre-feet per year rate the County presumes, which is greater than the 0.2 annual acre-feet described in the Decree.

4.3 On-Site Wastewater Treatment Systems: The twenty-one residential lots within the Subdivision will be served by individual on-site wastewater treatment systems. There is an existing and approved on-site wastewater treatment system on one lot, and the other twenty will be constructed to the other residential lots upon approval of the Subdivision. Based on such historical use, the site is suitable for on-site wastewater treatment system/ISDS. The on-site wastewater treatment system 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 15th day of June, 2026.

MONSON, CUMMINS, SHOHET & FARR, LLC

/s/ W. James Tilton

W. James Tilton

Exhibits:

A – Location Map/Plat of Property

B – Decree

C – Existing Well Permit File

PRELIMINARY
FOR REVIEW

PRELIMINARY PLAN
TIMBERS OF BLACK FOREST SUBDIVISION NO. 1
A PORTION OF THE SOUTHWEST QUARTER
SEC. 22, T12S, R65W OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

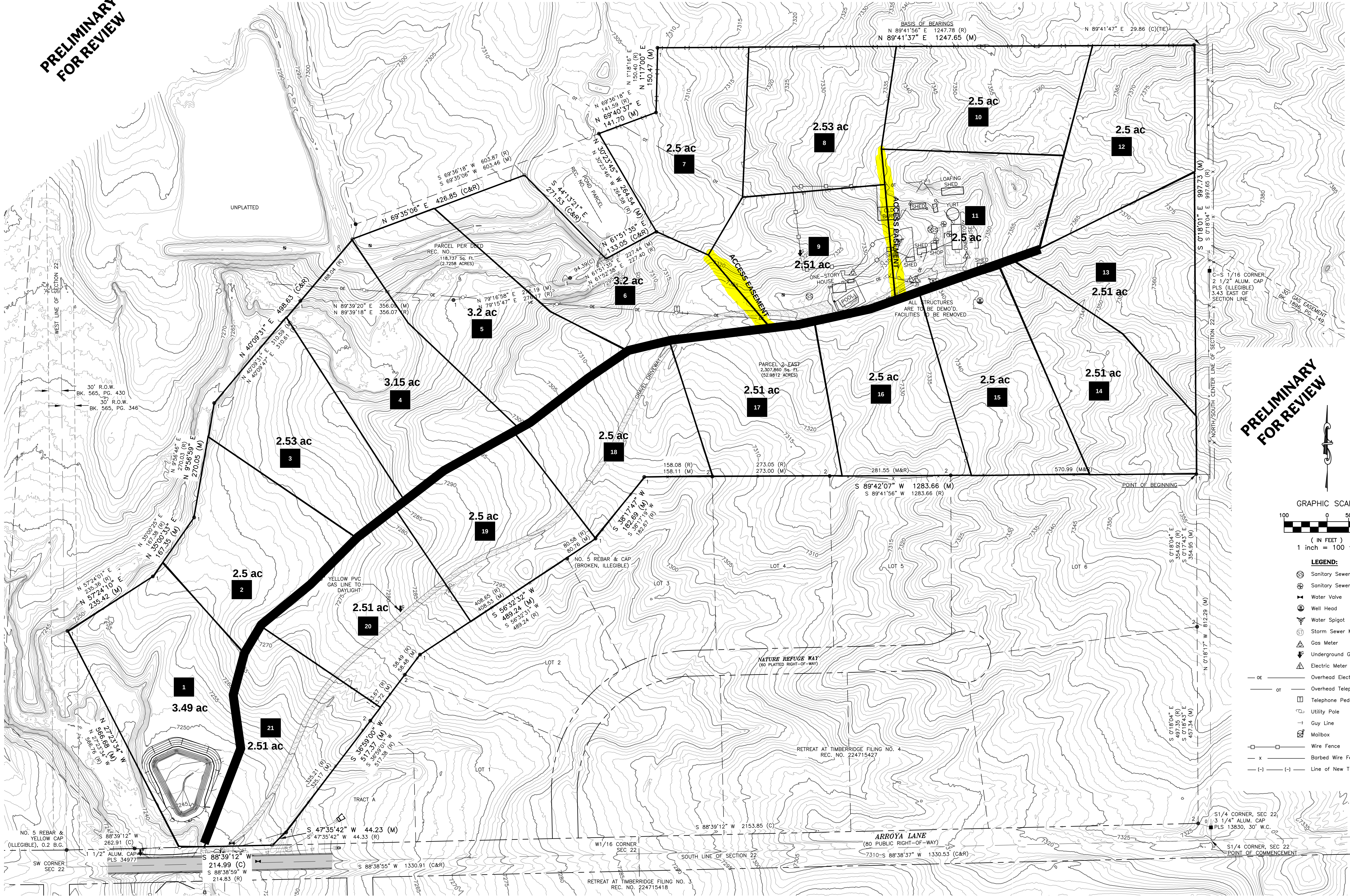
Exhibit A

Project No.: 25151
October 29, 2025
Sheet 2 of 2

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 22,
TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M.,
COUNTY OF EL PASO, STATE OF COLORADO

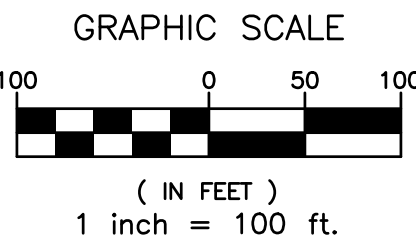
PRELIMINARY PLAN
TIMBERS OF BLACK FOREST
SUBDIVISION NO. 1

P.O. Box 7123
Woodland Park, CO 80863
(719) 687-8385
info@goulds.com
Gouldt.andSurveying.com



update plat

PRELIMINARY
FOR REVIEW



LEGEND:

- Sanitary Sewer Manhole
- Sanitary Sewer Clean-Out
- Water Valve
- Well Head
- Water Spigot
- Storm Sewer Manhole
- Gas Meter
- Underground Gas Line
- Electric Meter
- Overhead Electric Line
- Overhead Telephone Line
- Telephone Pedestal
- Utility Pole
- Guy Line
- Mailbox
- Wire Fence
- Barbed Wire Fence
- Line of New T-Posts

Exhibit B

DISTRICT COURT, WATER DIVISION 2 Pueblo County Courthouse 501 North Elizabeth Street, Suite 116 Pueblo, CO 81003	DATE FILED: February 28, 2018 3:58 PM CASE NUMBER: 2017CW3031
Concerning the Application for Water Rights of: MICHAEL TURNER In El Paso County	Δ COURT USE ONLY Δ
	Case No. 17CW3031
FINDINGS OF FACT, CONCLUSIONS OF LAW, RULING OF THE REFEREE, AND JUDGMENT AND DECREE OF THE WATER COURT	

The Court, having reviewed the Court's file herein, hereby enters the following Findings of Fact, Conclusions of Law, Judgment and Decree:

FINDINGS OF FACT

I. Jurisdictional Facts.

1. The applicant for adjudication of Denver Basin ground water and approval of a plan for augmentation in this case is Michael Turner ("Applicant"). His address is 9220 Arroya Lane, Colorado Springs, CO 80908; email: michael@homesbyturner.com; phone: 719.434.0199.

2. The application in this case was filed on June 7, 2017 in Water Division 2. The application was published in the resume for Water Division 2 and in a

newspaper of general circulation in El Paso County, as ordered by the Court. Proof of publication has been filed.

3. No statements of opposition were filed. The deadline for filing statements of opposition has expired, and no motions to intervene have been filed.

4. In entering this ruling, the Court has reviewed and taken into account the State Engineer's Determinations of Facts dated July 18, 2017 and filed August 8, 2017, and the Consultation Report of the Division Engineer for Water Division 2, which was filed on September 28, 2017.

5. The land and water involved herein are not within the boundaries of a designated ground water basin.

II. Description of Denver Basin Water Rights to be Adjudicated.

6. The property beneath which certain water is sought to be adjudicated consists of 53.15 acres located in the SW1/4 Section 22, T. 12 S., R. 65 W., 6th P.M. (the "Property"). The Property's legal description is found on Exhibit A; a map showing the Property's location is attached as Figure 1.

7. The Property is owned by the Applicant. There are no liens or encumbrances against the Property, so the provisions of C.R.S. §37-92-302(2)(b) do not apply.

8. The Determinations of Facts issued by the State Engineer on July 18, 2017, indicated the amounts of water available for appropriation from each aquifer, as

shown in Table I. Pursuant to the State Engineer's August 4, 1995 Memorandum, no water was deducted from the amount available for appropriation from the Dawson aquifer due to the existence of permit no. 9857. Applicant plans to keep permit no. 9857, and to have it augmented pursuant to the plan for augmentation decreed herein.

Table I

Aquifer	Acreage	Specific Yield	Sat. Thickness (ft)	Total Amount (AF)	Annual Amount (AF)*
Dawson	53.15	.20	280	2976	29.8
Denver	53.15	.17	315	2,846	28.5
Arapahoe	53.15	.17	250	2,259	22.6
Laramie-Fox Hills	53.15	.15	190	1,515	15.1

* This amount is based on annual withdrawals of one percent of the total amount appropriated, as provided in C.R.S. §37-90-137(4)(b). The plan for augmentation decreed herein requires that the water in the Dawson aquifer be withdrawn at a slower rate than is allowed by state law.

9. The estimated depths and tributary status of the four aquifers located beneath the Property are shown on Table II:

Table II

Aquifer	Depth below surface (ft)	tributary status
Dawson	80 - 625	not nontributary
Denver	640 - 1,545	not nontributary
Arapahoe	1,595 - 2,080	nontributary
Laramie-Fox Hills	2,350 - 2,645	nontributary

10. Pursuant to the plan for augmentation decreed herein, Applicant will withdraw water from the Dawson aquifer from as many as 21 wells, including the exempt Dawson aquifer well with permit no. 9857. Subject to the limitations in this decree, Applicant may also withdraw water from one well in each of the Denver, Arapahoe, and Laramie-Fox Hills aquifers, plus any additional wells in those aquifers required in order for Applicant to withdraw the full decreed amounts. Such Denver, Arapahoe, and Laramie-Fox Hills wells may be constructed at any location on the Property, provided, that no such wells may be located within 100 feet of the Property boundary.

11. Subject to the terms, conditions and limitations of this decree, and the issuance by the State Engineer of a well permit that authorizes the specific use or uses,

the Denver Basin ground water rights adjudicated herein are decreed for all beneficial uses except municipal uses.

III. Description of Plan for Augmentation.

12. Overview of plan for augmentation. Applicant intends to eventually subdivide the Property into as many as 21 residential lots and may construct up to 21 Dawson aquifer wells. The plan for augmentation is designed to last for 300 years. Septic system return flows will be used to replace depletions which occur during the pumping period, and nontributary Arapahoe and Laramie-Fox Hills aquifer water is hereby reserved in an amount sufficient to replace all post-pumping depletions. Uses of water on such lots are expected to be, but shall not be limited to, some or all of the following uses: for indoor uses for drinking and sanitary purposes in the principal houses and in stand-alone home offices or guest cottages, for livestock watering, for landscape and garden irrigation, hot tubs, swimming pools, and decorative uses such as decorative ponds and fountains, and augmentation through septic system return flows, and for incidental commercial uses for a home-based business. Applicants for well permits must indicate the uses to which they intend to put the water on their well permit applications. Annual pumping from the augmented Dawson aquifer wells shall be limited as follows: 19 or fewer wells, 0.522 acre feet annually per well; 20 wells, 0.496 acre feet annually per well; 21 wells, 0.472 acre feet annually per well. Annual Dawson aquifer pumping shall be limited to 9.92 acre feet, and total Dawson aquifer pumping shall be

limited to 2,976 acre feet from the Dawson aquifer, which is all of the Dawson aquifer water decreed herein.

13. Return flows from indoor residential use. The State Engineer has issued an informal guideline estimating that conservatively, water use in single family dwellings will equal at least 0.2 acre foot of water annually for indoor uses, and that return flows from each nonevaporative septic system will equal at least 0.18 acre foot annually. Thus, it is assumed that each well constructed pursuant to this plan for augmentation will be used in at least one single family dwelling, and will cause septic system return flows of at least 0.18 acre foot annually, or at least 3.78 acre feet annually if 21 wells are constructed. Though there may be return flows from landscape and/or garden irrigation, Applicant does not and will not rely on such return flows to replace depletions under this plan for augmentation, or in any other plan for augmentation.

14. Replacement of depletions during pumping. Applicant shall replace all depletions caused by pumping of the Dawson aquifer water. The State Engineer's computer model "DA02" indicates that during pumping, depletions to the Arkansas River system will gradually increase to a maximum of approximately 34.5 percent of annual pumping in the 300th year, or 3.42 acre feet based on annual pumping of 9.92 acre feet. Applicants shall replace those depletions with those septic system return flows. If the Property is subdivided into fewer than 21 lots, with one Dawson aquifer well per

residence, return flows from septic systems will still always exceed stream depletions during the 300 year pumping period.

15. Provision of sufficient return flows during the pumping period.

Nonevaporative septic systems shall be used for treatment of water used for indoor drinking and sanitary uses on all lots. All septic system return flows from the lots are dedicated to this plan for augmentation, and shall not be sold, leased or otherwise used for any other purpose. Septic system return flows are necessary to provide an adequate source of water to replace stream depletions during the pumping period under the plan for augmentation decreed herein. Accordingly, in order to generate required return flows to replace depletions during pumping, each Dawson aquifer well authorized hereunder must be used to provide water to one or more single family dwellings on the Property, and annual withdrawals shall be limited to withdrawal of 0.472 acre foot per well if 21 Dawson aquifer wells are constructed, 0.496 acre foot per well per year if 20 Dawson aquifer wells are constructed, and 0.522 acre foot per well per year if 19 or fewer Dawson aquifer wells are constructed. Because this augmentation plan is dependent on return flows from indoor residential uses, no Dawson aquifer well approved pursuant to this plan for augmentation shall be allowed to pump water for any purpose unless it is also used in a residence on the lot on which such well is located.

16. Replacement of post-pumping depletions.

A. Applicant shall replace post-pumping depletions for the shortest of

the following four periods: (1) the period provided by the Colorado Legislature, should it eventually specify one and if the Applicant obtains Water Court approval for such modification; (2) the period determined by the State Engineer, should the State Engineer lawfully establish such a period; (3) the period established through rulings of the Colorado Supreme Court in relevant cases; or (4) until Applicant or his successors petition the Water Court and after notice to all parties in this case prove that they have complied with all statutory requirements.

B. Replacement of post-pumping depletions shall commence after the earliest of the five following events has occurred: (1) 2,976 acre feet have been pumped from the Dawson aquifer; or (2) ten consecutive years have passed with no pumping from the Dawson aquifer; or (3) when Applicant or his successors acknowledge in writing that all withdrawals for beneficial use from the Dawson aquifer have permanently ceased; or (4) when accounting shows that return flows from the use of the water being withdrawn from the Dawson aquifer wells are insufficient to replace depletions that already occurred, or (5) 300 years subsequent to approval of subdivision of the Property by the El Paso County Board of County Commissioners.

C. At the time Applicant or his successors must begin replacing post-pumping depletions, Applicant shall cause a depletion analysis to be conducted, using the computer model generally accepted as being most accurate

at that time, to calculate the amount and timing of post-pumping depletions which must be replaced, based on actual withdrawals during the applicable pumping period. After the depletion analysis has been completed, all 2,259 acre feet of the Arapahoe aquifer water as decreed herein, and subsequently 256 acre feet of the Laramie-Fox Hills aquifer water, or such other source of water as receives judicial approval after notice, shall then be pumped at the appropriate times and delivered to the Arkansas River system in a manner that will adequately replace all post-pumping depletions from pumping of the Dawson aquifer wells approved pursuant to this decree. Applicant's successors in interest shall be required by the terms of this decree to construct an Arapahoe aquifer well pursuant to this plan for augmentation at the time replacement of post-pumping depletions must commence pursuant to this decree, and subsequently a Laramie-Fox Hills aquifer well, unless after notice a different source of water is approved by the court for replacement of post-pumping depletions, or unless the obligation is modified or terminated pursuant to ¶ 16.A. above.

D. Applicant hereby reserves and dedicates to this plan for augmentation all 2,259 acre feet of the Arapahoe aquifer ground water rights and 256 acre feet of the Laramie-Fox Hills aquifer ground water rights decreed herein for the purpose of replacing all post-pumping depletions to the Arkansas River system. This amount has been calculated as follows:

I. Based on a maximum allowable annual Dawson aquifer pumping of 9.92 acre feet for 300 years, a total of 2,976 acre feet may be pumped from up to 21 Dawson aquifer wells under this plan for augmentation. Approximately 513.4 acre feet of stream depletions will occur during the pumping period, and there will be approximately 2,462.6 acre feet of post-pumping depletions.

II. Rule 8 of the Denver Basin Rules, 2 CCR 406-2, provides that only 98 percent of nontributary Denver Basin water may be consumed. The amount of water which must be reserved to replace post-pumping depletions is 2,513 acre feet, which was calculated by dividing post-pumping depletions of 2,462.6 acre feet by 0.98 and rounding to the next larger whole acre foot. The amounts of water reserved from the Arapahoe aquifer, 2,259 acre feet, and the amount of water reserved from the Laramie-Fox Hills aquifer, 254 acre feet, are sufficient to replace all post-pumping depletions.

E. Applicant shall, at the time he must begin replacement of post-pumping depletions, construct an Arapahoe aquifer from which the post-pumping replacements shall be pumped. If, after pumping all of the water from the Arapahoe aquifer, not all post-pumping depletions have been replaced, then Applicants shall construct a Laramie-Fox Hills aquifer well and pump water

from that well in the amount indicated by the computer modeling until the requirement to replace post-pumping depletions has been satisfied.

F. If at some time replacement of post-pumping depletions is no longer required pursuant to ¶16.A. above, or if Applicants receive judicial approval to use a different water source for augmentation purposes, Applicants shall petition the Court pursuant to its retained jurisdiction to modify or terminate the reservation.

17. Recording of decree and covenants. A certified copy of this decree shall be recorded in the real estate records of El Paso County and shall constitute a covenant running with the Property, requiring Applicants and their successors in interest to the Property to comply with the requirements of this decree and plan for augmentation, including the requirement to construct an Arapahoe aquifer well and subsequently a Laramie-Fox Hills aquifer well, or take other measures as necessary to replace post-pumping depletions. Additional covenants shall be recorded in the real estate records of El Paso County and shall clearly indicate that failure of the property owner to comply with the terms of this decree may result in an order from the State Engineer to curtail or eliminate pumping to curtail or eliminate pumping from the Dawson aquifer wells approved hereunder. Said covenants shall be amended as necessary to conform to the provisions of any amendment to this augmentation plan. Any proposed change in the method of wastewater treatment and disposal for Dawson aquifer wells approved

hereunder shall require water court approval after notice in the water resume and publication in a newspaper of general circulation in El Paso County.

18. Appurtenances to Property. This plan for augmentation, the right to all 2,976 acre feet of Dawson aquifer ground water which may be pumped pursuant to the plan for augmentation, and the right to all 2,259 acre feet of Arapahoe aquifer water rights and to 254 acre feet of Laramie-Fox Hills aquifer water rights which are reserved for replacement of post-pumping depletions, shall be considered as appurtenances to the Property, and shall be conveyed pursuant to the appurtenance clause in any deed conveying the Property or any portion thereof, whether or not the plan for augmentation and the water rights are specifically referenced in the deed. It is anticipated that the plan for augmentation and the water rights reserved for replacement of post-pumping depletions will be conveyed by Applicant to a homeowners association or similar organization charged with the responsibility of implementing and carrying out the provisions of this decree.

19. Meters and reporting requirements. All wells permitted pursuant to this decree shall be equipped with a properly installed and calibrated totalizing flow meter. Applicant shall record the metered use on November 1 and April 1 of each year, and report such use to the water commissioner within two weeks after the measurements have been made. The water commissioner may require more frequent metering and reporting.

20. Finding of no injury. The Court finds that under the terms and conditions herein the requirements of C.R.S. §37-90-137(9)(c) have been met, and that no injury will be caused to the owner of or anyone entitled to use water under a vested water right or decreed conditional water right.

CONCLUSIONS OF LAW

21. The Court has jurisdiction over the subject matter of this action and over all persons who could have appeared herein, whether or not they did so appear.

22. All conditions precedent to the granting of this decree have been performed.

23. The plan for augmenting depletions caused by pumping the not nontributary Dawson aquifer is required by C.R.S. §37-90-137(9), and is subject to the requirement of C.R.S. §37-92-305(3) and 305(8) that no injury will occur to the owners of or persons entitled to use water under an absolute water right or decreed conditional water right as a result of implementing such plan for augmentation. Applicants have complied with all the conditions of C.R.S. §37-92-305(3), (8) and all other relevant statutes.

24. Applicants can maintain dominion and control over the septic system return flows by determining the quantity of such return flows, as set forth above, and thus has the legal ability to use said return flows in this plan for augmentation. See, Public Service Co. v. Willows Water District, 856 P.2d 829 (Colo. 1993).

JUDGMENT AND DECREE

25. The foregoing findings of fact and conclusions of law are hereby incorporated into this judgment and decree.

26. **Adjudication of Dawson aquifer groundwater rights.**

A. Applicants are granted a vested right to 2,976 acre feet of ground water in the not nontributary Dawson aquifer located beneath the Property, subject to modification by the Court under its retained jurisdiction. All of that water is reserved for use in the plan for augmentation decreed herein.

B. Pumping of the Dawson aquifer ground water rights pursuant to this plan for augmentation is limited to 0.472 acre feet (153,802 gallons) annually per well if 21 Dawson aquifer wells are constructed, 0.496 acre feet (161,622 gallons) annually per well if 20 Dawson aquifer wells are constructed, and 0.522 acre feet (170,094 gallons) annually per well if 19 or fewer Dawson aquifer wells are constructed. The annual limit on Dawson aquifer pumping is 9.92 acre feet and the maximum total Dawson aquifer pumping pursuant to this plan for augmentation is 2,976 acre feet.

C. Because the pumping limits are established by the plan for augmentation decreed herein, the “water banking” provisions of Rule 8.A of 2 CCR 402-7 (“Water Banking Rules”) do not apply to the Dawson aquifer ground water rights.

D. These Dawson aquifer ground water rights decreed herein are approved for all beneficial uses, except municipal uses.

E. Well permit no. 9857 may later be used as one of the Dawson aquifer wells to be augmented pursuant to the plan for augmentation decreed herein after the Property is subdivided. If it is, it shall be re-permitted consistent with the provisions of this decree and with State law within 60 days of entry of this decree. If it is not to be so used, it must be plugged and abandoned at the time the determination is made not to use it pursuant to the plan for augmentation decreed herein.

27. Adjudication of Denver aquifer ground water rights.

A. Applicants are granted a vested right to 2,846 acre feet of ground water in the not nontributary Denver aquifer located beneath the Property, subject to modification by the Court under its retained jurisdiction.

B. The Denver aquifer water may only be pumped pursuant to a court-approved plan for augmentation; no such plan for augmentation is decreed herein. Applicants' Denver aquifer ground water rights may be pumped at a rate not to exceed 28.5 acre feet annually except pursuant to the Water Banking Rules, and if allowed by a required plan for augmentation. The pumping rate shall not exceed 150 gpm.

C. These Denver aquifer ground water rights decreed herein are approved for all beneficial uses, except municipal uses.

28. Adjudication of Arapahoe aquifer ground water rights.

A. Applicants are granted a vested right to 2,259 acre feet of ground water in the nontributary Arapahoe aquifer located underneath the Property, subject to modification by the Court under its retained jurisdiction.

B. All of the Arapahoe aquifer water rights are reserved for the replacement of post-pumping depletions pursuant to the plan for augmentation decreed herein. The Arapahoe aquifer ground water rights reserved for replacement of post-pumping depletions shall be pumped in accordance with the requirements established by the computer model referred to in ¶ 16.C above.

C. The Arapahoe aquifer ground water rights which are reserved for the replacement of post-pumping depletions are decreed for augmentation use only.

30. Adjudication of Laramie-Fox Hills ground water rights.

A. Applicants are granted a vested right to 1,515 acre feet of ground water in the nontributary Laramie-Fox Hill aquifer located beneath the Property, subject to modification by the Court under its retained jurisdiction.

B. Two hundred fifty four (254) acre feet of the Laramie-Fox Hills aquifer ground water rights decreed are reserved for replacement of

post-pumping depletions as described above. The remaining 1,261 acre feet of Laramie-Fox Hills aquifer water rights not so reserved herein may be pumped at rate not to exceed 12.6 acre feet annually except pursuant to the Water Banking Rules, and may be pumped at a rate not to exceed 150 gm.

C. The 254 acre feet of Laramie-Fox Hills aquifer ground water rights decreed herein which are reserved for replacement of post-pumping depletions are decreed for augmentation uses only; the remaining 1,261 acre feet are decreed for all beneficial uses except municipal uses. No more than 98 percent of the Laramie Fox Hills ground water rights may be consumed. Wells in the Laramie-Fox Hills aquifer may be pumped at a rate not to exceed 150 gpm.

30. Vested Water Rights. The Denver Basin aquifer ground water rights decreed herein are vested water rights, and no applications for findings of diligence are required. Pursuant to C.R.S. §37-92-305(11), the Court will retain jurisdiction to finally determine the amount of water available for appropriation, based on site-specific data when it becomes available, and to adjust upward or downward as appropriate the amount available for withdrawal from each aquifer. The Applicants need not refile, republish, or otherwise amend this decree to request or obtain such adjustment.

31. Approval of Plan for Augmentation. The plan for augmentation described herein is approved. Annual Dawson aquifer pumping is limited to 0.472 acre feet (153,802 gallons) annually per well if 21 Dawson aquifer wells are constructed, 0.496

acre feet (161,622 gallons) annually per well if 20 Dawson aquifer wells are constructed, and 0.522 acre feet (170,094 gallons) annually per well if 19 or fewer Dawson aquifer wells are constructed. The annual limit on Dawson aquifer pumping is 9.92 acre feet and the maximum total Dawson aquifer pumping pursuant to this plan for augmentation is 2,976 acre feet. The State or Division Engineer shall curtail the pumping of more than those amounts from the Dawson aquifer absent prior modification of this plan for augmentation by amendment of this decree or court approval of an additional plan for augmentation which replaces depletions attributable to such additional pumping. The State Engineer shall also curtail all diversions, the depletions from which are not replaced in a manner to prevent injury to vested water rights or decreed conditional water rights. Depletions caused by pumping water from up to 21 wells in the Dawson aquifer shall be replaced as provided and decreed herein.

32. Necessity of residence on a lot prior to pumping. In order to ensure replacement of depletions during the pumping period, pumping and use of the Dawson aquifer wells for any beneficial uses other than indoor residential use shall not be allowed unless ground water is also being pumped and used for indoor residential use. In order for this plan for augmentation to operate, return flows from septic systems shall at all time during pumping be in an amount sufficient to replace the amount of stream depletions.

33. Well spacing. No well in the Dawson aquifer, other than a replacement well, shall be constructed within 200 feet of another well in the same aquifer. Minimum spacing between wells in each of the other three aquifers shall be determined pursuant to the provisions of C.R.S. § 37-90-137(2).

35. Issuance of well permits. Upon submission of a properly completed well permit application and filing fee, the State Engineer shall issue a permit for each well approved herein, consistent with the terms of this decree and all applicable statutes and rules upon submission of the filing fee and a properly completed well permit application. The State Engineer shall identify the specific uses which can be made of the ground water to be withdrawn, and shall not issue a permit for any proposed use, which use the State Engineer determines to be speculative at the time of the application or which would be inconsistent with the requirements of this decree and the plan for augmentation approved herein, or any modified decree and plan for augmentation.

35. Additional provisions.

A. Applicant may construct replacement wells in order to maintain levels of production, to meet water supply demands or to recover the entire amount of groundwater in the subject aquifers underlying the Property. As replacement wells are planned, applications for new well permits shall be filed in accordance with C.R.S. §37-90-137(10).

B. Two or more wells constructed into a given aquifer shall be considered a well field. In effecting production of water from such well field, Applicant may produce the entire amount which may be produced from any given aquifer through any combination of wells within the well field.

C. In considering applications for permits for wells or additional wells to withdraw the groundwater which is the subject of this decree, the State Engineer shall be bound by this decree and shall issue said permits in accordance with provisions of C.R.S. § 37-90-137(10). Each well shall be equipped with a properly functioning totalizing flow meter.

D. Groundwater production shall be limited to the subject aquifers. Plain, unperforated casing must be installed and properly grouted to prevent withdrawal from or intermingling of water from zones other than those for which the well was designed.

E. Each well shall be permanently identified by its permit number, this Water Court case number, and the name of the producing aquifer on the above-ground portion of the well casing or on the pump house.

F. In the event that the allowed average annual amounts decreed herein are adjusted pursuant to the retained jurisdiction of the Court, Applicants shall obtain permits to reflect such adjusted average annual amounts.

Subsequent permits for any wells herein shall likewise reflect any such adjustment of the average annual amounts decreed herein.

36. Retained jurisdiction provisions regarding quantity of water appropriated.

A. At such time as adequate data is available, any person, including the State Engineer, may invoke the Court's retained jurisdiction to make a Final Determination of Water Right as to the quantities of water available for appropriation and allowed average annual withdrawals from any of the Denver Basin aquifers quantified and adjudicated herein. Any person 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 the Final Determination of Water Right, together with proposed decretal language. Within four months of notice that the retained jurisdiction for such purpose has been invoked, the State Engineer shall use the information available to him to make a final determination of water rights findings. The State Engineer shall submit such finding to the Water Court and the Applicants.

B. If no protest to such finding is made within 60 days, this Court shall incorporate by entry of an Amended Decree such Final Determination of Water Rights. In the event of a protest, or in the event the State Engineer makes no determination within four months, such final determination shall be made by the Water Court after notice and hearing.

38. Retained jurisdiction regarding injury/compliance with plan for augmentation. Pursuant to C.R.S. §37-92-304(6), C.R.S., the Court shall retain perpetual jurisdiction for the purposes of determining compliance with the terms of the augmentation plan decreed herein, and whether, even if the Applicant is complying with the plan for augmentation, the operation of such plan for augmentation is causing injury to the vested water rights of others. Any person seeking to invoke the retained jurisdiction of the Court pursuant to this paragraph shall file a verified petition with the Court. The petition to invoke retained jurisdiction or to modify the decree shall set forth with particularity the factual basis upon which the requested reconsideration is premised, together with proposed decretal language to effect the petition. The person lodging the petition shall have the burden of going forward to establish *prima facie* facts alleged in the petition. If the Court finds those facts to be established, Applicant shall thereupon have the burden of proof to show: (1) if non-compliance is alleged, that Applicant is complying with the provisions of the plan for augmentation; (2) that if injury is alleged even if the Applicant is complying with the plan for augmentation, (a) that no such injury is occurring, or (b) that any modification sought by Applicant will prevent injury to other appropriators, or (c) that any modification sought by the person filing the petition is not required to prevent injury to other appropriators, or (d) that any term or condition proposed by Applicant in response to the petition will prevent injury to other appropriators.

38. Retained jurisdiction regarding substitution of replacement source for post-pumping depletions. The Court shall retain jurisdiction in perpetuity over the issue whether Applicant may substitute a different source of water in place of the reserved Arapahoe and Laramie-Fox Hills aquifer water rights for replacement of post-pumping depletions.

Dated: February 1, 2018.

BY THE REFEREE:

Mardell R. DiDomenico



Mardell R. DiDomenico
Water Referee
Water Division 2

NO PROTEST WAS FILED IN THIS MATTER. THE FOREGOING RULING IS CONFIRMED AND APPROVED, AND IS MADE THE JUDGMENT AND DECREE OF THIS COURT.

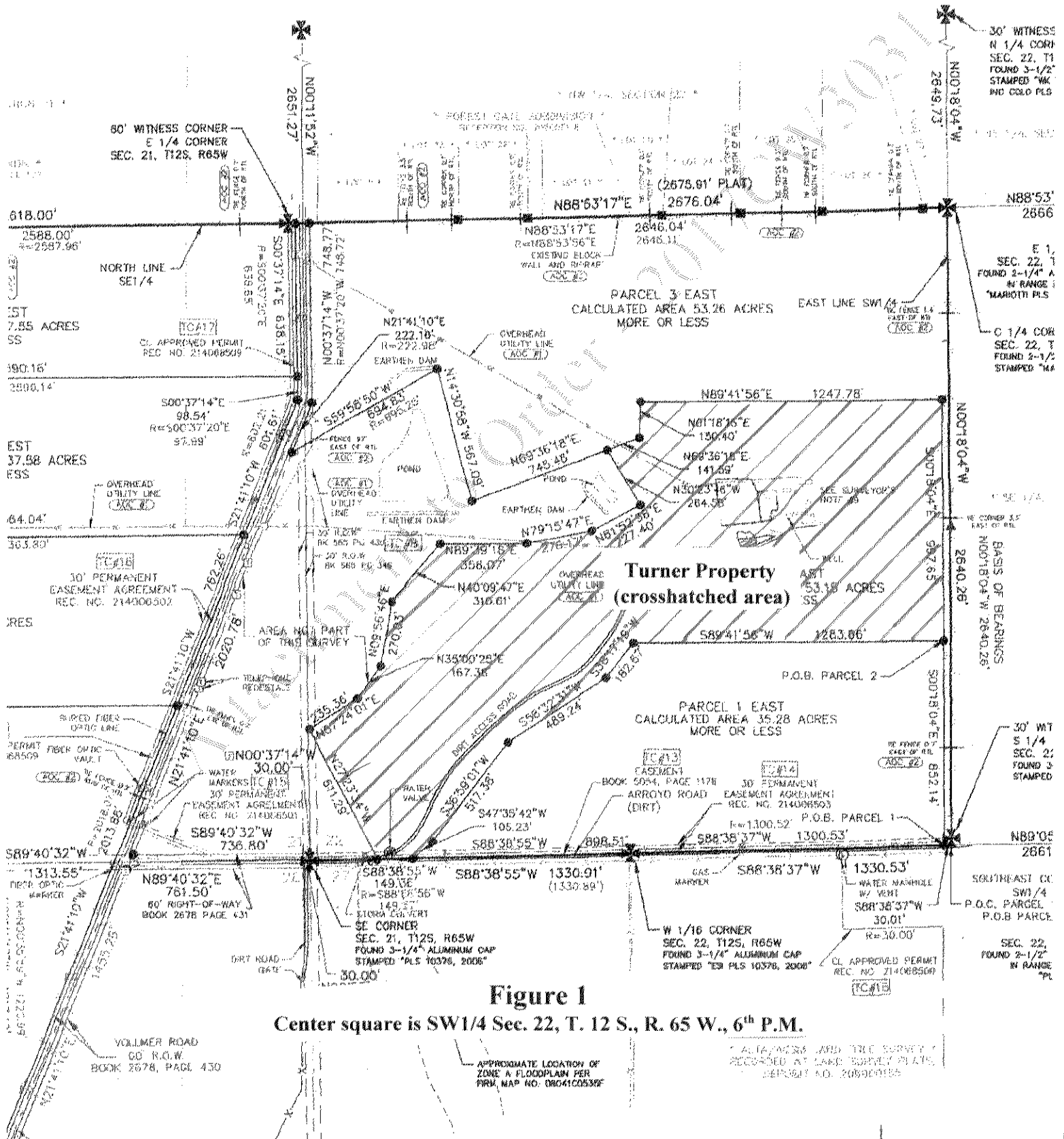
Dated: February 28, 2018.



BY THE COURT:

Larry C. Schwartz
LARRY C. SCHWARTZ, WATER JUDGE
WATER DIVISION 2

A PORTION OF SECTION 21, 22, 27 AND 28, TOWNSHIP 12 SOUTH, RANGE 65 V
THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO



LEGAL DESCRIPTION TRAILS AT TIMBERLINE EAST PARCEL 2:

A PARCEL OF LAND LOCATED IN A PORTION OF THE SOUTHWEST ONE-QUARTER (SW1/4) OF SECTION 22, TOWNSHIP 12 SOUTH, RANGE 85 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS: THE EAST LINE OF THE SOUTHWEST ONE-QUARTER (SW1/4) OF SECTION 22, TOWNSHIP 12 SOUTH, RANGE 85 WEST IS ASSUMED TO BEAR N00°18'04"E, A DISTANCE OF 2840.26 FEET;

COMMENCING AT THE SOUTHEAST CORNER OF THE SOUTHWEST ONE-QUARTER (SW1/4) OF SAID SECTION 22; THENCE S88°38'37"W ALONG THE SOUTH LINE OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHWEST ONE-QUARTER (SE1/4 SW1/4), A DISTANCE OF 30.00 FEET; THENCE N00°18'04"W, A DISTANCE OF 852.14 FEET TO THE POINT OF BEGINNING OF THE PARCEL OF LAND HEREIN DESCRIBED;

THENCE S89°41'58"W, A DISTANCE OF 1283.66 FEET;

THENCE S38°17'19"W, A DISTANCE OF 182.87 FEET;

THENCE S56°32'31"W, A DISTANCE OF 489.24 FEET;

THENCE S36°59'01"W, A DISTANCE OF 817.38 FEET;

THENCE S47°35'42"W, A DISTANCE OF 105.23 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHWEST ONE-QUARTER OF THE SOUTHWEST ONE-QUARTER (SW1/4 SW1/4) OF SAID SECTION 22;

THENCE S88°38'56"W ALONG SAID SOUTH LINE, A DISTANCE OF 149.57 FEET;

THENCE N27°23'34"W, A DISTANCE OF 811.28 FEET;

THENCE N57°24'01"E, A DISTANCE OF 235.36 FEET;

THENCE N35°00'25"E, A DISTANCE OF 167.38 FEET;

THENCE N08°56'48"E, A DISTANCE OF 270.03 FEET;

THENCE N40°09'47"E, A DISTANCE OF 310.61 FEET;

THENCE N80°38'18"E, A DISTANCE OF 356.07 FEET;

THENCE N78°15'47"E, A DISTANCE OF 276.17 FEET;

THENCE N81°52'38"E, A DISTANCE OF 227.40 FEET;

THENCE N30°23'46"W, A DISTANCE OF 284.68 FEET;

THENCE N68°36'18"E, A DISTANCE OF 141.59 FEET;

THENCE N01°18'16"E, A DISTANCE OF 150.40 FEET;

THENCE N89°41'56"E, A DISTANCE OF 1247.78 FEET;

THENCE S00°18'04"E, A DISTANCE OF 897.85 FEET TO THE POINT OF BEGINNING;

SAID PARCEL OF LAND CONTAINS A CALCULATED AREA OF 53.15 ACRES OF LAND, MORE OR LESS.

EXHIBIT A

Legal description of Turner Property



ORIGINAL PERMIT APPLICANT(S)

MICHAEL TURNER

APPROVED WELL LOCATION

Water Division: 2 Water District: 10
Designated Basin: N/A
Management District: N/A
County: EL PASO
Parcel Name: N/A
Physical Address: 9220 ARROYA LANE COLORADO SPRINGS,
CO 80908

NE 1/4 SW 1/4 Section 22 Township 12.0 S Range 65.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 529763.0 Northing: 4315482.0

PERMIT TO REPLACE EXISTING WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(c) for the relocation of an existing well, permit no. 9857. The old well must be plugged in accordance with Rule 16 of the Water Well Construction Rules within ninety-one (91) days of completion of the new well. The enclosed Well Abandonment Report form must be completed and submitted to affirm that the old well was plugged.
- 4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than 3 single family dwelling(s), the irrigation of not more than 1 acre of home gardens and lawns, and the watering of domestic animals. This well is to be located on 9220 Arroya Lane, El Paso County.
- 5) The pumping rate of this well shall not exceed 15 GPM.
- 6) The total depth of the well shall not exceed 655 feet, which corresponds to the base of the Dawson aquifer. At a minimum, plain casing shall be installed and grouted through all unconsolidated materials and shall extend a minimum of ten feet into the bedrock formation to prevent production from other zones.
- 7) This well shall be constructed not more than 200 feet from the location specified on this permit.
- 8) Pursuant to Construction Rule 6.2.2.1 (2 CCR 402-2), licensed or private drillers and pump installers must provide advanced notification (at least 24 hours) to the State Engineer prior to each of the following for this well: well construction, the initial installation of the pump, and initial installation of a cistern connected to the water well supply system. Any change in the anticipated date of construction/installation must be re-noticed (at least 24 hours prior to revised anticipated date). Information regarding the notification process and a link to the electronic notification form can be found on the following webpage: <http://water.state.co.us/groundwater/BOE/Pages/VariationsWaivers.aspx>

NOTE: This permit will expire on the expiration date unless the well is constructed by that date. A Well Construction and Yield Estimate Report (GWS-31) must be submitted to the Division of Water Resources to verify the well has been constructed. An extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64) available at: <http://www.water.state.co.us>

Issued By IVAN FRANCO

Date Issued: 12/6/2019

Expiration Date: 12/6/2021

Analytical Results

TASK NO: 260504064

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.: 260504064
Client PO:
Client Project: Timbers at Black Forest

Date Received: 5/4/26
Date Reported: 5/27/26
Matrix: Water - Drinking

Lab Number	Customer Sample ID	Sample Date/Time	Test	Result	Method	Date Analyzed
260504064-01K	Timbers at Black Forest	5/4/26 10:20 AM	Total Coliform	Absent	SM 9223	5/5/26
			E-Coli	Absent	SM 9223	5/5/26

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

Colorado Analytical Laboratory / SPL • 10411 Heinz Way, Commerce City, CO 80640

www.coloradolab.com • 303-659-2313 • www.spillabs.com

260504064

Logged to Vertex Consulting
Services per quote, auto cc
LeAnne H. - ko + hist.

Drinking Water Chain of Custody



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 Company Name: <u>Homes by Turner</u> Contact Name: <u>Leanne Hanner</u>	Bill To Information (If different from report to) Company Name: _____ Contact Name: _____	Project Information <u>Timbers @ Black Forest</u> PWSID: _____ System Name: _____
Address: _____ City: _____ State: _____ Zip: _____	Address: _____ City: _____ State: _____ Zip: _____	Compliance Samples: Yes ☐ No ☒ Send Results to CDPHE: Yes ☐ No ☒
Phone: <u>719-901-8915</u> Email: <u>leanne@homesbyturner.com</u> Sample Collector: _____ Sample Collector Phone: _____	Phone: _____ Email: _____ PO Number: _____	Task Number (Lab) CAL Task 260504064 KFV

[illegible]

Analytical Results

TASK NO: 260504064

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

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Colorado Springs CO 80903

Task No.: 260504064
Client PO:
Client Project: Timbers at Black Forest

Date Received: 5/4/26
Date Reported: 5/27/26
Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest
Sample Date/Time: 5/4/26 10:20 AM
Lab Number: 260504064-01

Test	Result	Method	RL	Date Analyzed	QC Batch ID	Analyzed By
Bicarbonate	55.8 mg/L as CaCO ₃	SM 2320-B	4.0 mg/L as CaCO ₃	5/5/26	-	JDM
Calcium as CaCO ₃	52.8 mg/L	EPA 200.7	0.1 mg/L	5/6/26	-	SMA
Carbonate	ND mg/L as CaCO ₃	SM 2320-B	4.0 mg/L as CaCO ₃	5/5/26	-	JDM
Hydroxide	ND mg/L as CaCO ₃	SM 2320-B	4.0 mg/L as CaCO ₃	5/5/26	-	JDM
Langelier Index	-1.44 units	SM 2330-B	units	5/8/26	-	MBN
pH	6.87 units	SM 4500-H-B	0.01 units	5/5/26	-	KJA
Temperature	20 °C	SM 4500-H-B	1 °C	5/5/26	-	KJA
Total Alkalinity	55.8 mg/L as CaCO ₃	SM 2320-B	4.0 mg/L as CaCO ₃	5/5/26	QC90351	JDM
Total Dissolved Solids	145 mg/L	SM 2540-C	5 mg/L	5/6/26	QC90343	KJA

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.

Analytical QC Summary

TASK NO: 260504064

Report To: Nina Ruiz
Company: VERTEX Consulting Services

Receive Date: 5/4/26
Project Name: Timbers at Black Forest

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Total Alkalinity	QC90351	Blank	ND	SM 2320-B	5/5/26
Total Dissolved Solids	QC90343	Blank	ND	SM 2540-C	5/5/26

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Total Alkalinity	QC90351	Duplicate -260504053-02	0 - 20	-	0.5	SM 2320-B
		LCS	90 - 110	95.9	-	
		LCS-2	90 - 110	100.0	-	
Total Dissolved Solids	QC90343	Duplicate -260505044-01	0 - 10	-	3.2	SM 2540-C
		LCS	85 - 115	89.1	-	

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:

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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.

Logged to Vertex Consulting
Services per quote, auto CC
LeAnne H. - ko + hist.

Drinking Water Chain of Custody



Report To Information Company Name: <u>Homes by Turner</u> Contact Name: <u>Leanne Hanner</u>		Bill To Information (If different from report to) Company Name: _____ Contact Name: _____		Project Information <u>Timbers @ Black Forest</u> PWSID: _____ System Name: _____	
Address: _____ _____		Address: _____ _____		Compliance Samples: Yes ☐ No ☒	
City: _____	State: _____	Zip: _____	City: _____	State: _____	Zip: _____
Phone: <u>719-901-8915</u>		Phone: _____		Task Number (Lab)	
Email: <u>leanne@homesbyturner.com</u>		Email: _____		CAL Task 260504064	
Sample Collector: _____		PO Number: _____		KFV	
Sample Collector Phone: _____					

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
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Phone: 303-659-2313

www.coloradolab.com

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
5/4	10:20	Timbers @ Black Forest																											
		TB + FB rec-uv																											

Instructions:

Analyze per quote QBO 251 00036

C/S Info: Delivered Via: HD C/S Charge ☐ Temp. 17.2 °C/lce Seals Present Yes ☒ No ☒ Headspace Yes ☐ No ☒

Relinquished By: Deanne Hanna **Date/Time:** 5/4 10:40 **Received By:** [Signature] **Date/Time:** 5/4/26 1341

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

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Colorado Springs CO 80903

Task No.: 260504064
Client PO:
Client Project: Timbers at Black Forest

Date Received: 5/4/26
Date Reported: 5/27/26
Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Cyanide-Free	ND mg/L	ASTM D4282-15	0.005 mg/L		5/5/26	QC90337	ACE
Nitrate/ Nitrite Nitrogen	0.06 mg/L	Calculation	0.05 mg/L		5/6/26	-	KJP
Chloride	4.1 mg/L	EPA 300.0	0.1 mg/L	250	5/5/26	QC90367	KJP
Fluoride	ND mg/L	EPA 300.0	0.10 mg/L	4	5/5/26	QC90368	KJP
Nitrate Nitrogen	0.06 mg/L	EPA 300.0	0.05 mg/L	10	5/5/26	QC90369	KJP
Nitrite Nitrogen	ND mg/L	EPA 300.0	0.03 mg/L	1	5/5/26	QC90370	KJP
Sulfate	12.3 mg/L	EPA 300.0	0.1 mg/L	250	5/5/26	QC90371	KJP
Cyanide-Total	ND mg/L	EPA 335.4	0.005 mg/L		5/12/26	QC90552	ACE
Dibromochloropropane	ND ug/L	EPA 504.1	0.02 ug/L	0.2	5/6/26	QC90323	JLS
Ethylene dibromide	ND ug/L	EPA 504.1	0.01 ug/L	0.05	5/6/26	QC90323	JLS
Aldrin	ND ug/L	EPA 505	0.05 ug/L		5/6/26	QC90324	JLS
Chlordane	ND ug/L	EPA 505	0.2 ug/L	2	5/6/26	QC90324	JLS
Dieldrin	ND ug/L	EPA 505	0.05 ug/L		5/6/26	QC90324	JLS
Endrin	ND ug/L	EPA 505	0.01 ug/L	2	5/6/26	QC90324	JLS
Heptachlor epoxide	ND ug/L	EPA 505	0.02 ug/L	0.2	5/6/26	QC90324	JLS
Hexachlorobenzene	ND ug/L	EPA 505	0.1 ug/L	1	5/6/26	QC90324	JLS
Hexachlorocyclopentadiene	ND ug/L	EPA 505	0.1 ug/L	50	5/6/26	QC90324	JLS
Lindane	ND ug/L	EPA 505	0.02 ug/L	0.2	5/6/26	QC90324	JLS
Methoxychlor	ND ug/L	EPA 505	0.1 ug/L	40	5/6/26	QC90324	JLS
Polychlorinated biphenyl's	ND ug/L	EPA 505	0.1 ug/L	0.5	5/6/26	QC90324	JLS
Toxaphene	ND ug/L	EPA 505	1 ug/L	3	5/6/26	QC90324	JLS

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) 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

MCL = Maximum contaminant level per the EPA

ND = Not Detected at Reporting Limit.

Analytical Results

TASK NO: 260504064

Report To: Nina Ruiz

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

Bill To: Nina Ruiz

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Date Received: 5/4/26

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Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

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	5/13/26	QC90405	LLM
2,4,-D	ND ug/L	EPA 515.4	0.1 ug/L	70	5/13/26	QC90405	LLM
Dalapon	ND ug/L	EPA 515.4	1.0 ug/L	200	5/13/26	QC90405	LLM
Dicamba	ND ug/L	EPA 515.4	0.5 ug/L		5/13/26	QC90405	LLM
Dinoseb	ND ug/L	EPA 515.4	0.2 ug/L	7	5/13/26	QC90405	LLM
Pentachlorophenol	ND ug/L	EPA 515.4	0.04 ug/L	1	5/13/26	QC90405	LLM
Picloram	ND ug/L	EPA 515.4	0.1 ug/L	500	5/13/26	QC90405	LLM
Alachlor	ND ug/L	EPA 525.2	0.2 ug/L	2	5/12/26	QC90461	AJP
Atrazine	ND ug/L	EPA 525.2	0.1 ug/L	3	5/12/26	QC90461	AJP
Benzo(a)pyrene	ND ug/L	EPA 525.2	0.02 ug/L	0.2	5/12/26	QC90461	AJP
Butachlor	ND ug/L	EPA 525.2	0.25 ug/L		5/12/26	QC90461	AJP
Di(2-ethylhexyl)adipate	ND ug/L	EPA 525.2	0.6 ug/L	400	5/12/26	QC90461	AJP
Di(2-ethylhexyl)phthalate	ND ug/L	EPA 525.2	0.6 ug/L	6	5/12/26	QC90461	AJP
Heptachlor	ND ug/L	EPA 525.2	0.04 ug/L	0.4	5/12/26	QC90461	AJP
Metolachlor	ND ug/L	EPA 525.2	0.25 ug/L		5/12/26	QC90461	AJP
Metribuzin	ND ug/L	EPA 525.2	0.25 ug/L		5/12/26	QC90461	AJP
Propachlor	ND ug/L	EPA 525.2	0.25 ug/L		5/12/26	QC90461	AJP
Simazine	ND ug/L	EPA 525.2	0.07 ug/L	4	5/12/26	QC90461	AJP
3-Hydroxycarbofuran	ND ug/L	EPA 531.1	0.5 ug/L		5/6/26	QC90340	LLM
Aldicarb	ND ug/L	EPA 531.1	0.6 ug/L		5/6/26	QC90340	LLM
Aldicarb sulfone	ND ug/L	EPA 531.1	1.0 ug/L		5/6/26	QC90340	LLM
Aldicarb sulfoxide	ND ug/L	EPA 531.1	0.7 ug/L		5/6/26	QC90340	LLM
Carbaryl	ND ug/L	EPA 531.1	0.5 ug/L		5/6/26	QC90340	LLM

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ND = Not Detected at Reporting Limit.

Analytical Results

TASK NO: 260504064

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
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Ste 101
Colorado Springs CO 80903

Task No.: 260504064

Client PO:

Client Project: Timbers at Black Forest

Date Received: 5/4/26

Date Reported: 5/27/26

Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Carbofuran	ND ug/L	EPA 531.1	0.9 ug/L	40	5/6/26	QC90340	LLM
Methomyl	ND ug/L	EPA 531.1	0.5 ug/L		5/6/26	QC90340	LLM
Oxamyl	ND ug/L	EPA 531.1	1.0 ug/L	200	5/6/26	QC90340	LLM
Glyphosate	ND ug/L	EPA 547	50.0 ug/L	700	5/12/26	-	OUTSIDE LAB
Endothall	ND ug/L	EPA 548.1	9 ug/L	100	5/7/26	QC90404	AJP
Diquat	ND ug/L	EPA 549.2	0.4 ug/L	20	5/7/26	QC90431	TRT
1,1,1,2-Tetrachloroethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,1,1-Trichloroethane	ND ug/L	EPA-524.2	0.5 ug/L	200	5/6/26	QC90361	SCS
1,1,2,2-Tetrachloroethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,1,2-Trichloroethane	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
1,1-Dichloroethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,1-Dichloroethylene	ND ug/L	EPA-524.2	0.5 ug/L	7	5/6/26	QC90361	SCS
1,1-Dichloropropene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,2,3-Trichlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,2,3-Trichloropropane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,2,4-Trichlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L	70	5/6/26	QC90361	SCS
1,2,4-Trimethylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,2-Dichloroethane	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
1,2-Dichloropropane	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
1,3,5-Trimethylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,3-Dichloropropane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
1,3-Dichloropropene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS

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Client Project: Timbers at Black Forest

Date Received: 5/4/26

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Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Benzene	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
Bromobenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Bromochloromethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Bromodichloromethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Bromoform	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Bromomethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Carbon Tetrachloride	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
Chlorodibromomethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Chloroethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Chloroform	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Chloromethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
cis-1,2-Dichloroethylene	ND ug/L	EPA-524.2	0.5 ug/L	70	5/6/26	QC90361	SCS
Dibromomethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Dichlorodifluoromethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Dichloromethane	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
Ethylbenzene	ND ug/L	EPA-524.2	0.5 ug/L	700	5/6/26	QC90361	SCS
Fluorotrichloromethane	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Hexachlorobutadiene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Isopropylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
m-Dichlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Monochlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L	100	5/6/26	QC90361	SCS
Naphthalene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
n-Butylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
n-Propylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS

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Colorado Springs CO 80903

Task No.: 260504064

Client PO:

Client Project: Timbers at Black Forest

Date Received: 5/4/26

Date Reported: 5/27/26

Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
o-Chlorotoluene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
o-Dichlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L	600	5/6/26	QC90361	SCS
Para-Dichlorobenzene	ND ug/L	EPA-524.2	0.5 ug/L	75	5/6/26	QC90361	SCS
p-Chlorotoluene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
p-Isopropyltoluene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
sec-Butylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Styrene	ND ug/L	EPA-524.2	0.5 ug/L	100	5/6/26	QC90361	SCS
tert-Butylbenzene	ND ug/L	EPA-524.2	0.5 ug/L		5/6/26	QC90361	SCS
Tetrachloroethylene	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
Toluene	ND ug/L	EPA-524.2	0.5 ug/L	1000	5/6/26	QC90361	SCS
Total Trihalomethanes	ND ug/L	EPA-524.2	0.5 ug/L	80	5/6/26	QC90361	SCS
trans-1,2-Dichloroethylene	ND ug/L	EPA-524.2	0.5 ug/L	100	5/6/26	QC90361	SCS
Trichloroethylene	ND ug/L	EPA-524.2	0.5 ug/L	5	5/6/26	QC90361	SCS
Vinyl chloride	ND ug/L	EPA-524.2	0.5 ug/L	2	5/6/26	QC90361	SCS
Xylenes (total)	ND ug/L	EPA-524.2	0.5 ug/L	10000	5/6/26	QC90361	SCS

Total

Iron	0.015 mg/L	EPA 200.7	0.005 mg/L	0.3	5/6/26	QC90352	SMA
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Total

Aluminum	ND mg/L	EPA 200.8	0.001 mg/L	0.05	5/6/26	QC90389	AMJ
Antimony	ND mg/L	EPA 200.8	0.0012 mg/L	0.006	5/6/26	QC90389	AMJ
Arsenic	ND mg/L	EPA 200.8	0.0006 mg/L	0.01	5/6/26	QC90389	AMJ
Barium	0.2070 mg/L	EPA 200.8	0.0007 mg/L	2	5/6/26	QC90389	AMJ
Beryllium	ND mg/L	EPA 200.8	0.0001 mg/L	0.004	5/6/26	QC90389	AMJ

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Ste 101
Colorado Springs CO 80903

Task No.: 260504064
Client PO:
Client Project: Timbers at Black Forest

Date Received: 5/4/26
Date Reported: 5/27/26
Matrix: Water - Drinking

Customer Sample ID Timbers at Black Forest

Sample Date/Time: 5/4/26 10:20 AM

Lab Number: 260504064-01

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	5/6/26	QC90389	AMJ
Chromium	ND mg/L	EPA 200.8	0.0015 mg/L	0.1	5/6/26	QC90389	AMJ
Manganese	0.0255 mg/L	EPA 200.8	0.0008 mg/L	0.05	5/6/26	QC90389	AMJ
Mercury	ND mg/L	EPA 200.8	0.0001 mg/L	0.002	5/6/26	QC90389	AMJ
Selenium	ND mg/L	EPA 200.8	0.0008 mg/L	0.05	5/6/26	QC90389	AMJ
Silver	ND mg/L	EPA 200.8	0.0005 mg/L	0.1	5/6/26	QC90389	AMJ
Thallium	ND mg/L	EPA 200.8	0.0002 mg/L	0.002	5/6/26	QC90389	AMJ
Zinc	0.019 mg/L	EPA 200.8	0.001 mg/L	5	5/6/26	QC90389	AMJ

Method	Surrogate	Percent Recovery	Acceptance Limits
EPA 515.4	DCAA	103.5	70 - 130
EPA-524.2	1-Chloro-2-Bromopropane	90.8	70 - 130
EPA-524.2	4-Bromofluorobenzene	88.2	70 - 130
EPA 525.2	1,3-dimethyl-2-nitrobenzene	104.4	70 - 130
EPA 525.2	Perylene-d12	97.2	70 - 130
EPA 525.2	Triphenylphosphate	101.4	70 - 130

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Analytical QC Summary

TASK NO: 260504064

Report To: Nina Ruiz
Company: VERTEX Consulting Services

Receive Date: 5/4/26
Project Name: Timbers at Black Forest

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Dibromochloropropane	QC90323	Method Blank	ND	EPA 504.1	5/5/26
Ethylene dibromide	QC90323	Method Blank	ND	EPA 504.1	5/5/26
Aldrin	QC90324	Method Blank	ND	EPA 505	5/5/26
Chlordane	QC90324	Method Blank	ND	EPA 505	5/5/26
Dieldrin	QC90324	Method Blank	ND	EPA 505	5/5/26
Endrin	QC90324	Method Blank	ND	EPA 505	5/5/26
Heptachlor epoxide	QC90324	Method Blank	ND	EPA 505	5/5/26
Hexachlorobenzene	QC90324	Method Blank	ND	EPA 505	5/5/26
Hexachlorocyclopentadiene	QC90324	Method Blank	ND	EPA 505	5/5/26
Lindane	QC90324	Method Blank	ND	EPA 505	5/5/26
Methoxychlor	QC90324	Method Blank	ND	EPA 505	5/5/26
Polychlorinated biphenyl's	QC90324	Method Blank	ND	EPA 505	5/5/26
Toxaphene	QC90324	Method Blank	ND	EPA 505	5/5/26
2,4,5-TP	QC90405	Method Blank	ND	EPA 515.4	5/7/26
2,4,-D	QC90405	Method Blank	ND	EPA 515.4	5/7/26
Dalapon	QC90405	Method Blank	ND	EPA 515.4	5/7/26
Dicamba	QC90405	Method Blank	ND	EPA 515.4	5/7/26
Dinoseb	QC90405	Method Blank	ND	EPA 515.4	5/7/26
Pentachlorophenol	QC90405	Method Blank	ND	EPA 515.4	5/7/26
Picloram	QC90405	Method Blank	ND	EPA 515.4	5/7/26
1,1,1,2-Tetrachloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1,1-Trichloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1,2,2-Tetrachloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1,2-Trichloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1-Dichloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1-Dichloroethylene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,1-Dichloropropene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2,3-Trichlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2,3-Trichloropropane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2,4-Trichlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2,4-Trimethylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2-Dichloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,2-Dichloropropane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,3,5-Trimethylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,3-Dichloropropane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
1,3-Dichloropropene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Benzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Bromobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Bromochloromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Bromodichloromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26

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Bromoform	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Bromomethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Carbon Tetrachloride	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Chlorodibromomethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Chloroethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Chloroform	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Chloromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
cis-1,2-Dichloroethylene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Dibromomethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Dichlorodifluoromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Dichloromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Ethylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Fluorotrichloromethane	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Hexachlorobutadiene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Isopropylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
m-Dichlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Monochlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Naphthalene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
n-Butylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
n-Propylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
o-Chlorotoluene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
o-Dichlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Para-Dichlorobenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
p-Chlorotoluene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
p-Isopropyltoluene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
sec-Butylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Styrene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
tert-Butylbenzene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Tetrachloroethylene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Toluene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Total Trihalomethanes	QC90361	Method Blank	ND	EPA-524.2	5/6/26
trans-1,2-Dichloroethylene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Trichloroethylene	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Vinyl chloride	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Xylenes (total)	QC90361	Method Blank	ND	EPA-524.2	5/6/26
Alachlor	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Atrazine	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Benzo(a)pyrene	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Butachlor	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Di(2-ethylhexyl)adipate	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Di(2-ethylhexyl)phthalate	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Heptachlor	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Metolachlor	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Metribuzin	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Propachlor	QC90461	Method Blank	ND	EPA 525.2	5/8/26
Simazine	QC90461	Method Blank	ND	EPA 525.2	5/8/26
3-Hydroxycarbofuran	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Aldicarb	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Aldicarb sulfone	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Aldicarb sulfoxide	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Carbaryl	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Carbofuran	QC90340	Method Blank	ND	EPA 531.1	5/5/26

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Methomyl	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Oxamyl	QC90340	Method Blank	ND	EPA 531.1	5/5/26
Endothall	QC90404	Method Blank	ND	EPA 548.1	5/7/26
Diquat	QC90431	Method Blank	ND	EPA 549.2	5/7/26
Chloride	QC90367	Blank	ND	EPA 300.0	5/5/26
Cyanide-Free	QC90337	Blank	ND	ASTM D4282-15	5/5/26
Cyanide-Total	QC90552	Blank	ND	EPA 335.4	5/12/26
Fluoride	QC90368	Blank	ND	EPA 300.0	5/5/26
Aluminum	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Antimony	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Arsenic	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Barium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Beryllium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Cadmium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Chromium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Manganese	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Mercury	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Selenium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Silver	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Thallium	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Zinc	QC90389	Method Blank	ND	EPA 200.8	5/4/26
Iron	QC90352	Method Blank	ND	EPA 200.7	5/4/26
Nitrate Nitrogen	QC90369	Blank	ND	EPA 300.0	5/5/26
Nitrite Nitrogen	QC90370	Blank	ND	EPA 300.0	5/5/26
Sulfate	QC90371	Blank	ND	EPA 300.0	5/5/26

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Dibromochloropropane	QC90323	LCS	70 - 130	108.0	-	EPA 504.1
		MS -260427038-01	65 - 135	89.2	-	
Ethylene dibromide	QC90323	LCS	70 - 130	103.2	-	EPA 504.1
		MS -260427038-01	65 - 135	98.0	-	
Aldrin	QC90324	LCS	70 - 130	101.0	-	EPA 505
		MS -260428053-01A	65 - 135	97.0	-	
Chlordane	QC90324	LCS	70 - 130	0.0	-	EPA 505
		EPA 505 multicomponent analytes include: Chlordane, Toxaphene, and PCB aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260. Batch QC includes one multicomponent; continually rotating analytes. Samples with apparent patterns are confirmed prior to reporting.				
Dieldrin	QC90324	MS -260428053-01A	65 - 135		-	EPA 505
		LCS	70 - 130	105.6	-	
Endrin	QC90324	MS -260428053-01A	65 - 135	105.2	-	EPA 505
		LCS	70 - 130	93.0	-	
Heptachlor epoxide	QC90324	MS -260428053-01A	65 - 135	91.2	-	EPA 505
		LCS	70 - 130	102.8	-	
Hexachlorobenzene	QC90324	MS -260428053-01A	65 - 135	99.4	-	EPA 505
		LCS	70 - 130	100.0	-	
Hexachlorocyclopentadiene	QC90324	MS -260428053-01A	65 - 135	100.0	-	EPA 505
		LCS	70 - 130	100.8	-	
Lindane	QC90324	MS -260428053-01A	65 - 135	102.2	-	EPA 505
		LCS	70 - 130	99.0	-	
Methoxychlor	QC90324	MS -260428053-01A	65 - 135	98.4	-	EPA 505
		LCS	70 - 130	89.8	-	
		MS -260428053-01A	65 - 135	91.6	-	

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Toxaphene	QC90324	LCS	70 - 130	0.0	-	EPA 505
EPA 505 multicomponent analytes include: Chlordane, Toxaphene, and PCB aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260. Batch QC includes one multicomponent; continually rotating analytes. Samples with apparent patterns are confirmed prior to reporting.						
		MS -260428053-01A	65 - 135	-	-	
2,4,5-TP	QC90405	LCS	70 - 130	101.5	-	EPA 515.4
		MS -260505060-01	70 - 130	100.4	-	
		MSD -260505060-01	0 - 30	-	0.9	
2,4,-D	QC90405	LCS	70 - 130	94.8	-	EPA 515.4
		MS -260505060-01	70 - 130	98.2	-	
		MSD -260505060-01	0 - 30	-	5.9	
Dalapon	QC90405	LCS	70 - 130	93.0	-	EPA 515.4
		MS -260505060-01	70 - 130	94.6	-	
		MSD -260505060-01	0 - 30	-	7.5	
Dicamba	QC90405	LCS	70 - 130	102.5	-	EPA 515.4
		MS -260505060-01	70 - 130	101.7	-	
		MSD -260505060-01	0 - 30	-	5.4	
Dinoseb	QC90405	LCS	70 - 130	102.9	-	EPA 515.4
		MS -260505060-01	70 - 130	99.5	-	
		MSD -260505060-01	0 - 30	-	6.3	
Pentachlorophenol	QC90405	LCS	70 - 130	99.8	-	EPA 515.4
		MS -260505060-01	70 - 130	100.8	-	
		MSD -260505060-01	0 - 30	-	5.1	
Picloram	QC90405	LCS	70 - 130	95.3	-	EPA 515.4
		MS -260505060-01	70 - 130	102.5	-	
		MSD -260505060-01	0 - 30	-	0.0	
1,1,1,2-Tetrachloroethane	QC90361	LCS	70 - 130	89.2	-	EPA-524.2
		LCS-2	70 - 130	96.4	-	
1,1,1-Trichloroethane	QC90361	LCS	70 - 130	92.6	-	EPA-524.2
		LCS-2	70 - 130	95.4	-	
1,1,2,2-Tetrachloroethane	QC90361	LCS	70 - 130	99.0	-	EPA-524.2
		LCS-2	70 - 130	103.2	-	
1,1,2-Trichloroethane	QC90361	LCS	70 - 130	92.2	-	EPA-524.2
		LCS-2	70 - 130	96.0	-	
1,1-Dichloroethane	QC90361	LCS	70 - 130	88.4	-	EPA-524.2
		LCS-2	70 - 130	94.6	-	
1,1-Dichloroethylene	QC90361	LCS	70 - 130	87.8	-	EPA-524.2
		LCS-2	70 - 130	92.4	-	
1,1-Dichloropropene	QC90361	LCS	70 - 130	96.2	-	EPA-524.2
		LCS-2	70 - 130	99.2	-	
1,2,3-Trichlorobenzene	QC90361	LCS	70 - 130	89.0	-	EPA-524.2
		LCS-2	70 - 130	97.0	-	
1,2,3-Trichloropropane	QC90361	LCS	70 - 130	98.8	-	EPA-524.2
		LCS-2	70 - 130	107.4	-	
1,2,4-Trichlorobenzene	QC90361	LCS	70 - 130	94.4	-	EPA-524.2
		LCS-2	70 - 130	99.0	-	
1,2,4-Trimethylbenzene	QC90361	LCS	70 - 130	85.4	-	EPA-524.2
		LCS-2	70 - 130	92.0	-	
1,2-Dichloroethane	QC90361	LCS	70 - 130	97.8	-	EPA-524.2
		LCS-2	70 - 130	103.8	-	
1,2-Dichloropropane	QC90361	LCS	70 - 130	92.0	-	EPA-524.2

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		LCS-2	70 - 130	94.6	-	
1,3,5-Trimethylbenzene	QC90361	LCS	70 - 130	84.8	-	EPA-524.2
		LCS-2	70 - 130	88.8	-	
1,3-Dichloropropane	QC90361	LCS	70 - 130	82.8	-	EPA-524.2
		LCS-2	70 - 130	88.4	-	
Benzene	QC90361	LCS	70 - 130	90.2	-	EPA-524.2
		LCS-2	70 - 130	93.8	-	
Bromobenzene	QC90361	LCS	70 - 130	93.4	-	EPA-524.2
		LCS-2	70 - 130	97.6	-	
Bromochloromethane	QC90361	LCS	70 - 130	93.4	-	EPA-524.2
		LCS-2	70 - 130	100.6	-	
Bromodichloromethane	QC90361	LCS	70 - 130	94.8	-	EPA-524.2
		LCS-2	70 - 130	97.6	-	
Bromoform	QC90361	LCS	70 - 130	96.0	-	EPA-524.2
		LCS-2	70 - 130	99.4	-	
Bromomethane	QC90361	LCS	70 - 130	109.4	-	EPA-524.2
		LCS-2	70 - 130	119.8	-	
Carbon Tetrachloride	QC90361	LCS	70 - 130	94.0	-	EPA-524.2
		LCS-2	70 - 130	99.0	-	
Chlorodibromomethane	QC90361	LCS	70 - 130	98.6	-	EPA-524.2
		LCS-2	70 - 130	102.0	-	
Chloroethane	QC90361	LCS	70 - 130	100.8	-	EPA-524.2
		LCS-2	70 - 130	105.0	-	
Chloroform	QC90361	LCS	70 - 130	89.4	-	EPA-524.2
		LCS-2	70 - 130	93.4	-	
Chloromethane	QC90361	LCS	70 - 130	94.2	-	EPA-524.2
		LCS-2	70 - 130	100.0	-	
cis-1,2-Dichloroethylene	QC90361	LCS	70 - 130	89.8	-	EPA-524.2
		LCS-2	70 - 130	91.6	-	
Dibromomethane	QC90361	LCS	70 - 130	94.6	-	EPA-524.2
		LCS-2	70 - 130	103.6	-	
Dichlorodifluoromethane	QC90361	LCS	70 - 130	116.6	-	EPA-524.2
		LCS-2	70 - 130	119.4	-	
Dichloromethane	QC90361	LCS	70 - 130	92.0	-	EPA-524.2
		LCS-2	70 - 130	92.2	-	
Ethylbenzene	QC90361	LCS	70 - 130	88.0	-	EPA-524.2
		LCS-2	70 - 130	94.2	-	
Fluorotrichloromethane	QC90361	LCS	70 - 130	99.8	-	EPA-524.2
		LCS-2	70 - 130	105.6	-	
Hexachlorobutadiene	QC90361	LCS	70 - 130	89.6	-	EPA-524.2
		LCS-2	70 - 130	93.8	-	
Isopropylbenzene	QC90361	LCS	70 - 130	87.4	-	EPA-524.2
		LCS-2	70 - 130	90.6	-	
m-Dichlorobenzene	QC90361	LCS	70 - 130	99.2	-	EPA-524.2
		LCS-2	70 - 130	104.6	-	
Monochlorobenzene	QC90361	LCS	70 - 130	87.2	-	EPA-524.2
		LCS-2	70 - 130	92.8	-	
Naphthalene	QC90361	LCS	70 - 130	92.0	-	EPA-524.2
		LCS-2	70 - 130	98.4	-	
n-Butylbenzene	QC90361	LCS	70 - 130	83.4	-	EPA-524.2

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
		LCS-2	70 - 130	89.6	-	
n-Propylbenzene	QC90361	LCS	70 - 130	86.0	-	EPA-524.2
		LCS-2	70 - 130	91.4	-	
o-Chlorotoluene	QC90361	LCS	70 - 130	90.2	-	EPA-524.2
		LCS-2	70 - 130	93.4	-	
o-Dichlorobenzene	QC90361	LCS	70 - 130	98.0	-	EPA-524.2
		LCS-2	70 - 130	105.8	-	
Para-Dichlorobenzene	QC90361	LCS	70 - 130	92.0	-	EPA-524.2
		LCS-2	70 - 130	98.4	-	
p-Chlorotoluene	QC90361	LCS	70 - 130	89.6	-	EPA-524.2
		LCS-2	70 - 130	96.0	-	
p-Isopropyltoluene	QC90361	LCS	70 - 130	87.0	-	EPA-524.2
		LCS-2	70 - 130	93.4	-	
sec-Butylbenzene	QC90361	LCS	70 - 130	97.0	-	EPA-524.2
		LCS-2	70 - 130	102.4	-	
Styrene	QC90361	LCS	70 - 130	85.0	-	EPA-524.2
		LCS-2	70 - 130	88.8	-	
tert-Butylbenzene	QC90361	LCS	70 - 130	87.4	-	EPA-524.2
		LCS-2	70 - 130	91.8	-	
Tetrachloroethylene	QC90361	LCS	70 - 130	92.6	-	EPA-524.2
		LCS-2	70 - 130	97.8	-	
Toluene	QC90361	LCS	70 - 130	77.4	-	EPA-524.2
		LCS-2	70 - 130	83.2	-	
trans-1,2-Dichloroethylene	QC90361	LCS	70 - 130	87.6	-	EPA-524.2
		LCS-2	70 - 130	92.6	-	
Trichloroethylene	QC90361	LCS	70 - 130	90.4	-	EPA-524.2
		LCS-2	70 - 130	93.2	-	
Vinyl chloride	QC90361	LCS	70 - 130	101.8	-	EPA-524.2
		LCS-2	70 - 130	104.8	-	
Alachlor	QC90461	LCS	70 - 130	103.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	103.0	-	
Atrazine	QC90461	LCS	70 - 130	104.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	112.0	-	
Benzo(a)pyrene	QC90461	LCS	70 - 130	98.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	89.0	-	
Butachlor	QC90461	LCS	70 - 130	104.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	106.0	-	
Di(2-ethylhexyl)adipate	QC90461	LCS	70 - 130	93.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	99.0	-	
Di(2-ethylhexyl)phthalate	QC90461	LCS	70 - 130	98.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	104.0	-	
Heptachlor	QC90461	LCS	70 - 130	99.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	105.0	-	
Metolachlor	QC90461	LCS	70 - 130	104.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	108.0	-	
Metribuzin	QC90461	LCS	70 - 130	81.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	103.0	-	
Propachlor	QC90461	LCS	70 - 130	99.0	-	EPA 525.2
		MS -260505150-01C	70 - 130	104.0	-	
Simazine	QC90461	LCS	70 - 130	88.0	-	EPA 525.2

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Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
3-Hydroxycarbofuran	QC90340	MS -260505150-01C	70 - 130	92.0	-	EPA 531.1
		LCS	80 - 120	101.6	-	
		MS -260430078-01H	65 - 135	107.5	-	
Aldicarb	QC90340	LCS	80 - 120	99.2	-	EPA 531.1
		MS -260430078-01H	65 - 135	103.8	-	
Aldicarb sulfone	QC90340	LCS	80 - 120	101.6	-	EPA 531.1
		MS -260430078-01H	65 - 135	121.2	-	
Aldicarb sulfoxide	QC90340	LCS	80 - 120	101.4	-	EPA 531.1
		MS -260430078-01H	65 - 135	109.0	-	
Carbaryl	QC90340	LCS	80 - 120	103.5	-	EPA 531.1
		MS -260430078-01H	65 - 135	104.1	-	
Carbofuran	QC90340	LCS	80 - 120	101.9	-	EPA 531.1
		MS -260430078-01H	65 - 135	109.8	-	
Methomyl	QC90340	LCS	80 - 120	100.3	-	EPA 531.1
		MS -260430078-01H	65 - 135	106.3	-	
Oxamyl	QC90340	LCS	80 - 120	100.5	-	EPA 531.1
		MS -260430078-01H	65 - 135	107.3	-	
Endothall	QC90404	LCS	52 - 137	104.0	-	EPA 548.1
		MS -260504064-01H	39 - 133	97.2	-	
Diquat	QC90431	LCS	70 - 130	81.0	-	EPA 549.2
		MS -260504064-01I	70 - 130	81.0	-	
Chloride	QC90367	Duplicate -260504064-01	0 - 20	-	0.5	EPA 300.0
		LCS	90 - 110	108.5	-	
		MS -260504064-01	80 - 120	109.2	-	
Cyanide-Free	QC90337	Duplicate -260429007-01	0 - 20	-	8.4	ASTM D4282-15
		LCS	90 - 110	97.8	-	
		MS -260504064-01J	90 - 110	105.8	-	
		MSD -260504064-01J	0 - 30	-	0.0	
Cyanide-Total	QC90552	Duplicate -260506151-02	0 - 20	-	12.5	EPA 335.4
		LCS	90 - 110	94.8	-	
		MS -260504064-01J	90 - 110	94.9	-	
Fluoride	QC90368	Duplicate -260504064-01	0 - 20	-	1.0	EPA 300.0
		LCS	90 - 110	103.1	-	
		MS -260504064-01	80 - 120	97.2	-	
Aluminum	QC90389	LCS	90 - 110	108.0	-	EPA 200.8
		MS -260504037-02A	70 - 130	82.4	-	
		MSD -260504037-02A	0 - 10	-	1.5	
Antimony	QC90389	LCS	90 - 110	106.3	-	EPA 200.8
		MS -260504037-02A	70 - 130	101.5	-	
		MSD -260504037-02A	0 - 10	-	0.4	
Arsenic	QC90389	LCS	90 - 110	104.8	-	EPA 200.8
		MS -260504037-02A	70 - 130	113.2	-	
		MSD -260504037-02A	0 - 10	-	0.3	
Barium	QC90389	LCS	90 - 110	109.4	-	EPA 200.8
		MS -260504037-02A	70 - 130	104.4	-	
		MSD -260504037-02A	0 - 10	-	0.2	
Beryllium	QC90389	LCS	90 - 110	106.7	-	EPA 200.8
		MS -260504037-02A	70 - 130	106.2	-	
		MSD -260504037-02A	0 - 10	-	3.8	
Cadmium	QC90389	LCS	90 - 110	103.1	-	EPA 200.8

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Chromium	QC90389	MS -260504037-02A	70 - 130	104.3	-	EPA 200.8
		MSD -260504037-02A	0 - 10	-	0.4	
		LCS	90 - 110	106.6	-	
		MS -260504037-02A	70 - 130	113.1	-	
Manganese	QC90389	MSD -260504037-02A	0 - 10	-	0.2	EPA 200.8
		LCS	90 - 110	109.0	-	
		MS -260504037-02A	70 - 130	105.3	-	
		MSD -260504037-02A	0 - 10	-	1.3	
Mercury	QC90389	LCS	90 - 110	96.3	-	EPA 200.8
		MS -260504037-02A	70 - 130	95.2	-	
		MSD -260504037-02A	0 - 10	-	2.1	
		LCS	90 - 110	107.6	-	
Selenium	QC90389	MS -260504037-02A	70 - 130	109.9	-	EPA 200.8
		MSD -260504037-02A	0 - 10	-	0.4	
		LCS	90 - 110	98.8	-	
		MS -260504037-02A	70 - 130	93.3	-	
Silver	QC90389	MSD -260504037-02A	0 - 10	-	0.5	EPA 200.8
		LCS	90 - 110	100.4	-	
		MS -260504037-02A	70 - 130	109.3	-	
		MSD -260504037-02A	0 - 10	-	0.7	
Thallium	QC90389	LCS	90 - 110	100.7	-	EPA 200.8
		MS -260504037-02A	70 - 130	103.5	-	
		MSD -260504037-02A	0 - 10	-	0.3	
		LCS	90 - 110	99.5	-	
Zinc	QC90389	MS -260504037-02A	75 - 125	115.1	-	EPA 200.7
		MSD -260504037-02A	0 - 20	-	0.0	
		LCS	90 - 110	108.5	-	
		MS -260504054-02	80 - 120	91.8	-	
Iron	QC90352	Duplicate -260504012-01	0 - 20	-	5.1	EPA 300.0
		LCS	90 - 110	103.9	-	
		MS -260504054-02	80 - 120	96.2	-	
		Duplicate -260504064-01	0 - 20	-	0.0	
Nitrate Nitrogen	QC90369	LCS	90 - 110	104.6	-	EPA 300.0
		MS -260504064-01	80 - 120	81.2	-	
		Duplicate -260504064-01	0 - 20	-	0.3	
		LCS	90 - 110	104.6	-	
Nitrite Nitrogen	QC90370	MS -260504064-01	80 - 120	81.2	-	EPA 300.0
		Duplicate -260504064-01	0 - 20	-	0.3	
		LCS	90 - 110	104.6	-	
		MS -260504064-01	80 - 120	81.2	-	
Sulfate	QC90371	Duplicate -260504064-01	0 - 20	-	0.3	EPA 300.0
		LCS	90 - 110	104.6	-	
		MS -260504064-01	80 - 120	81.2	-	
		Duplicate -260504064-01	0 - 20	-	0.3	

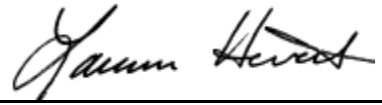
All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing samples and generating the report (s), the analyses, report, and information submitted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

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) 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

MCL = Maximum contaminant level per the EPA
ND = Not Detected at Reporting Limit.



Lauren Hevert
Laboratory Director

Abbreviations/ References:

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mg/L = Milligrams Per Liter or PPM
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MCL = Maximum contaminant level per the EPA
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Logged to Vertex Consulting
Services per quote, auto CC
LeAnne H. - ko + hist.

Drinking Water Chain of Custody



Report To Information Company Name: Homes by Turner Contact Name: Leanne Hanner	Bill To Information (If different from report to) Company Name: Contact Name:	Project Information Timbers @ Black Forest PWSID: System Name:
Address: City: State: Zip:	Address: City: State: Zip:	Compliance Samples: Yes ☐ No ☒ Send Results to CDPHE: Yes ☐ No ☒
Phone: 719-901-8915	Phone:	Task Number (Lab)
Email: leanne@homesbyturner.com	Email:	CAL Task 260504064
Sample Collector: Sample Collector Phone:	PO Number:	KRV

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

[illegible]

124



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

Lab Control ID: 26H02012

Received: May 05, 2026

Reported: May 26, 2026

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

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

Reviewed and approved by:

Roxanne Sullivan

Customer ID: 05377Z
 Account ID: Z01034

ANALYTICAL REPORT

Rebecca Bertke
 Colorado Analytical Laboratories, Inc.

Lab Sample ID			26H02012-001					
Customer Sample ID			260504064-01M - Timbers at Black Forest sampled on 05/04/26 @ 1020					
Parameter	Units	Code	Precision*		Detection	Analysis		
			Result	+/-	Limit	Method	Date / Time	Analyst
Gross Alpha	pCi/L	T	6.7	2.8	1.5	SM 7110 B	05/12/26 @ 1044	AT
Gross Beta	pCi/L	T	6.1	2.8	1.9	SM 7110 B	05/12/26 @ 1044	AT

Lab Sample ID			26H02012-002					
Customer Sample ID			260504064-01N - Timbers at Black Forest sampled on 05/04/26 @ 1020					
Parameter	Units	Code	Precision*		Detection	Analysis		
			Result	+/-	Limit	Method	Date / Time	Analyst
Radium-226	pCi/L	T	2.7	0.7	0.1	SM 7500-Ra B	05/07/26 @ 1247	KT
Radium-228	pCi/L	T	3.9	0.8	0.2	EPA pg.19	05/08/26 @ 1336	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: 05/12/2026

Batch QC Summary Form

Analyte: Gross Alpha

Control Standard/LFB: ID: C11-009 pCi/mL: 57.4 (use 1 diluted)

Spike Solution: ID: C11-009 pCi/mL: 57.4 (use 1 mL)

Spike Recovery Calculation: Sample: 26H02012-1a

$$\text{Calculation: } \frac{(213.2) - (0.200)}{57.4} - \frac{(6.7) - (0.200)}{57.4} \times 100 = 72\%$$

Batch QC Evaluation:

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

* Required for batch size greater than 10 samples.

Conclusions:

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

Reruns Required: _____

Narrative:

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

Batch Listing by Lab Control Number:

<u>26H01931</u>	<u>26H01991</u>
<u>26H01940</u>	<u>26H01992</u>
<u>26H01941</u>	<u>26H01993</u>
<u>26H01965</u>	<u>26H02007</u>
<u>26H01966</u>	<u>26H02008</u>
<u>26H01967</u>	<u>26H02009</u>
<u>26H01974</u>	<u>26H02010</u>
<u>26H01975</u>	<u>26H02011</u>
<u>26H01976</u>	<u>26H02012</u>
<u>26H01990</u>	_____

Evaluator:

Roxanne Sullivan

05/15/2026

Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY

Date: 05/12/2026

Batch QC Summary Form

Analyte: Gross Beta

Control Standard/LFB: ID: C11-009 pCi/mL: 44 (use 1 diluted)

Spike Solution: ID: C11-009 pCi/mL: 44 (use 1 mL)

Spike Recovery Calculation: Sample: 26H02012-1a

$$\text{Calculation: } \frac{(214.3) - (0.200)}{44} - \frac{(6.1) - (0.200)}{44} \times 100 = 95\%$$

Batch QC Evaluation:

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

* Required for batch size greater than 10 samples.

Conclusions:

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

Reruns Required: _____

Narrative:

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

Batch Listing by Lab Control Number:

<u>26H01931</u>	<u>26H01991</u>
<u>26H01940</u>	<u>26H01992</u>
<u>26H01941</u>	<u>26H01993</u>
<u>26H01965</u>	<u>26H02007</u>
<u>26H01966</u>	<u>26H02008</u>
<u>26H01967</u>	<u>26H02009</u>
<u>26H01974</u>	<u>26H02010</u>
<u>26H01975</u>	<u>26H02011</u>
<u>26H01976</u>	<u>26H02012</u>
<u>26H01990</u>	_____

Evaluator:

Roxanne Sullivan

05/15/2026

Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY

Date: 05/07/2026

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-14 pCi/mL: 5.28 (use 2 diluted)

Spike Solution: ID: C73-14 pCi/mL: 5.28 (use 2 mL)

Spike Recovery Calculation: Sample: 26H01992-02b

$$\text{Calculation: } \frac{(10.6) - (0.990)}{10.56} \times 100 = 94\%$$

Batch QC Evaluation:

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

* Required for batch size greater than 10 samples.

Conclusions:

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

Reruns Required: _____

Narrative:

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

Batch Listing by Lab Control Number:

26H01976	_____
26H01992	_____
26H01993	_____
26H01994	_____
26H01995	_____
26H01998	_____
26H02011	_____
26H02012	_____
_____	_____
_____	_____

Evaluator:

 _____

05/12/2026

Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY

Date: 05/08/2026

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-013 pCi/mL: 14.3 (use 5 diluted)

Spike Solution: ID: C6-013 pCi/mL: 14.3 (use 5 mL)

Spike Recovery Calculation: Sample: 26H02018-1c

$$\text{Calculation: } \frac{(68.2) (1.000) - (2.0) (1.000)}{71.5} \times 100 = 93\%$$

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**
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 Batch QC Passes, with exceptions**:

Reruns Required: _____

Narrative:

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Batch Listing by Lab Control Number:

26H01976	_____
26H01993	_____
26H01994	_____
26H01998	_____
26H02011	_____
26H02012	_____
26H02013	_____
26H02018	_____
_____	_____
_____	_____

Evaluator:

Roxanne Sullivan _____

05/15/2026

Date



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

Tests Requested

Comment:

2.

8.

V1_water rep.pdf Markup Summary

dsdparsons (2)

R NEEDS
fire cistern
It is expected that the twenty-one rest
Twenty-one individual wells. One of these wells
associated with Well Permit No. 9857-A. The well
37-62-602 and drilled to the Dawson aquifer. It
augmentation prior for 6472 mixed acre-foot of D
approval of the 718th at Black Forest Subdivision
ve to the noncontributory Dawson aquifer, all to b
s in the principal houses and in stand-alone home
suiting for landscape and garden irrigation, ho
e uses such as decorative ponds and fountain

Subject: Planner
Page Label: 3
Author: dsdparsons
Date: 8/24/2026 7:31:54 AM
Status:
Color: 
Layer:
Space:
fire cistern

update plat
topographic map

Subject: Planner
Page Label: 6
Author: dsdparsons
Date: 8/24/2026 7:32:27 AM
Status:
Color: 
Layer:
Space:
update plat