

**Team Chris
Minor Subdivision**

**WATER RESOURCES
REPORT**

**For
Team Chris
Minor Subdivision**

March 26, 2025

Prepared By:



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

Executive Summary:

Preliminary Water Resources Report – Team Chris Minor Subdivision

W. James Tilton and Ryan W. Farr of Monson, Cummins, Shoheit & Farr, LLC, on behalf of the Applicant, Chris Team Living Trust, c/o Christine Tschamler (“Owner”), provide the following Water Resources/Wastewater Disposal Report in support of the Black Squirrel Minor Subdivision. The attorneys at Monson, Cummins, Shoheit & Farr, LLC (“MCSF”) have extensive experience in water related matters, with Mr. Farr having practiced water law almost exclusively for nearly 11 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. Farr 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. Farr 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 Team Chris Minor Subdivision (the “Subdivision”), in El Paso County, Colorado.

The Property consists of approximately 19.39 acres located in the N½ NW¼ NE¼ of Section 14, Township 11 South, Range 65 West of the 6th P.M; El Paso County, Colorado, designated as Parcel No. 5114000019. Each of the potential three (3) lots in the Subdivision are to be provided water and sewer/septic services by means of on-site individual wells and Individual Septic Disposal Systems (“ISDS”). The proposed minor subdivision has one existing well on Lot 2, which is 6.39 acres in size. The remaining 13 acres of land that makes up Lots 1 and 3 is currently unimproved. Lot 1 and Lot 3 will each have an individual well and ISDS and are approximately 6.38 and 6.4 acres in size, respectively.

The existing well on Lot 2 will be re-permitted as described in the approved replacement plan. **Exhibit B.** This well will be permitted to pump up to one (1) acre-foot of water annually. Lots 1 and 3 in the Minor Subdivision will each pump up to 0.5 annual acre-feet of water, for a total of 2.0 annual acre-feet being withdrawn from the not-nontributary Dawson aquifer annually by means of three individual wells constructed to the not-nontributary Dawson aquifer, consistent with Replacement Plan 4760-RP approved by the Colorado Ground Water Commission, recorded at El Paso County Clerk and Recorder’s instrument no. 225012413. **Exhibit B.** Such water supply demand is similar to other rural residential homes’ historical demand. The Replacement Plan will provide for a 300-year water supply for each lot within the Subdivision, with each lot utilizing a non-evaporative ISDS. This 300-year water supply is sustainable based on initial estimates of Dawson aquifer supplies.

The water resources to be utilized on the residential lots in the Subdivision are typical of rural residential development in this area of El Paso County, Colorado. Estimates of availability of water supplies demonstrate a sufficient quantity and reliability

of water to support compliance with El Paso County's 300-year water supply rules for subdivisions of this nature.

I. INTRODUCTION

The purpose of this report is to provide a preliminary outline of the water resources and associated wastewater requirements necessary for approval of the Team Chris Minor Subdivision, as proposed.

1.1 New Development Description: The Subdivision consists of 19.39 acres located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 14, Township 11 South, Range 65 West of the 6th P.M; El Paso County, Colorado. The Property will be subdivided into up to three lots. **Exhibit A**, attached hereto, is the lot layout for the Subdivision as proposed, prepared by APEX Land Surveying and Mapping, LLC. This analysis accounts for water reserved for an existing, exempt well, and the 300-year supply necessary for two additional augmented wells.

II. PROJECTION OF WATER NEEDS

2.1 Analysis of Water Demands: It is expected that the three residential lots in the Subdivision will utilize three individual wells (one well per lot) drilled to the Dawson aquifer for domestic-type uses, including in-house, landscape/irrigation of lawn and gardens, watering of domestic animals and stock, and fire protection. An existing well with Permit No. 73654 will provide water supply to Lot 2 of the proposed subdivision. This well has been re-permitted to be included in this replacement plan. It is anticipated that the residence on Lot 2 will utilize a minimum of 0.26 acre-feet and up to 1.0 acre-feet annually for in-house residential purposes, irrigation of lawn and garden, and watering of livestock. Additionally, Lots 1 and 3 will utilize individual wells to be subject of a replacement plan. It is anticipated that the residences on Lots 1 and 3 will each utilize a minimum of 0.26 acre-feet and up to 0.5 acre-feet annually. The existing well, currently permitted under Permit No. 73654, is constructed to and will produce from the not-nontributary Dawson aquifer at a flow rate of 10 to 15 gallons per minute, based upon past production. This well will be re-permitted to be used as outlined in Replacement Plan 4760-RP. The two wells to be constructed will also produce from the not-nontributary Dawson aquifer at similar flow rates.

There are no other wells currently constructed on the property. Based on past experience with the numerous Dawson aquifer wells serving rural residential properties throughout El Paso County, this rate of production should be more than sufficient to meet demand for in-house use.

III. PROPOSED WATER RIGHTS AND FACILITIES

3.1 Water Rights: A Replacement Plan utilizing the underlying Dawson aquifer has been approved by the Colorado Ground Water Commission. The Replacement Plan,

and the Basin Determinations issued by the Colorado Ground Water Commission, include the following estimated quantities of water supplies that will meet both legal and physical needs on a 300-year basis:

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)	390	1,460	14.6	4.86
Denver (NT)	350	1,150	11.5	N/A
Arapahoe (NT)	270	890	8.9	N/A
Laramie Fox Hills (NT)	190	553	5.53	N/A

All depletions will be augmented in time, place and amount through septic return flows during pumping. Being within a designated basin, there is no need to reserve water resources to provide for post-pumping replacement. All amounts provided in this paragraph 3.1 reflect the Colorado Ground Water Commission’s Findings and Order, Basin Determinations no. 4760-BD (Dawson aquifer), 4759-BD (Denver aquifer), 4758-BD (Arapahoe aquifer), and 4757-BD (Laramie-Fox Hills aquifer). These Basin Determinations have been recorded with El Paso County Clerk and Recorder’s Office at instrument nos. 225012412, 225012411, 225012410, and 225012409, respectively. See **Exhibit C**.

3.2 Source of Supply: Rural residential water supply demand will be met using an existing not-nontributary Dawson aquifer formation well and two additional not-nontributary wells to be constructed to the Dawson aquifer, in accordance with any issued Replacement Plan. Consistent with El Paso County Land Development Code Section 8.4.7(B)(3)(c)(v), a minor 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.

IV. WASTEWATER AND WASTEWATER TREATMENT – While soils, geology and geotechnical analysis will be provided by other consultants hired by the Owners, the Owners provide 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 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 232 gallons per day per single-family residence assuming residential in-house use at the conservative 0.26 acre-feet per year rate for augmentation supplies based on the El Paso County Land Development Code residential demand standard of 0.26 acre-feet per year.

4.2 On-Site Wastewater Treatment Systems: The three residential lots within the Subdivision will be served by on-site non-evaporative ISDS. The on-site non-evaporative ISDS have and will be installed according to El Paso County Guidelines and

properly maintained to prevent contamination of surface and subsurface water resources.

Respectfully submitted this 26th day of March, 2025.

MONSON, CUMMINS, SHOHET & FARR, LLC

/s/ W. James Tilton

W. James Tilton

Ryan W. Farr

Exhibits:

A – Plat of the Property

B – Replacement Plan: 4760-RP

C – Basin Determinations: 4760-BD, 4759-BD, 4758-BD, 4757-BD

Exhibit A

TEAM CHRIS SUBDIVISION BEING A PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 14, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO.

PARCEL DETAILS

Address: 18412-18440 BLACK SQUIRREL ROAD, COLORADO SPRINGS, CO 80908
APN/Parcel ID: 5114000019
Owner of Record: Team Chris Living Trust Dated April 11, 2018 C/O Christine Tschamler,
Phone: 301-502-0791

OWNER'S CERTIFICATION AND DEDICATION

The undersigned, being all the owners, mortgagees, beneficiaries of deeds of trust and holders of the land described herein, have laid out, subdivided, and platted said land into Lots and easements as shown hereon unto the name and style of TEAM CHRIS SUBDIVISION.

Team Chris Living Trust Dated April 11, 2018 C/O Christine Tschamler, Owner
Date

State of Colorado)
County of El Paso) ss

The foregoing plat was Acknowledged before me on this _____ day
of _____, 20____, A.D. by Team Chris Living Trust Dated April
11, 2018 C/O Christine Tschamler, owner.

Witness my hand and official seal

Notary Public

My Commission Expires: _____

BOARD OF COUNTY COMMISSIONERS CERTIFICATE:

This plat of TEAM CHRIS SUBDIVISION was approved for filing by the El Paso County, Colorado Board of County Commissioners on this _____ day of _____, 20____, subject to any notes specified hereon and any conditions included in the resolution of approval. The dedications of land to the public (streets, tracts, easements) are accepted, but public improvements thereon will not become the maintenance responsibility of El Paso County until preliminary acceptance of the public improvements in accordance with the requirements of the Land Development Code and Engineering Criteria Manual.

Chair, Board of County Commissioners Date

Planning and Community Development Director

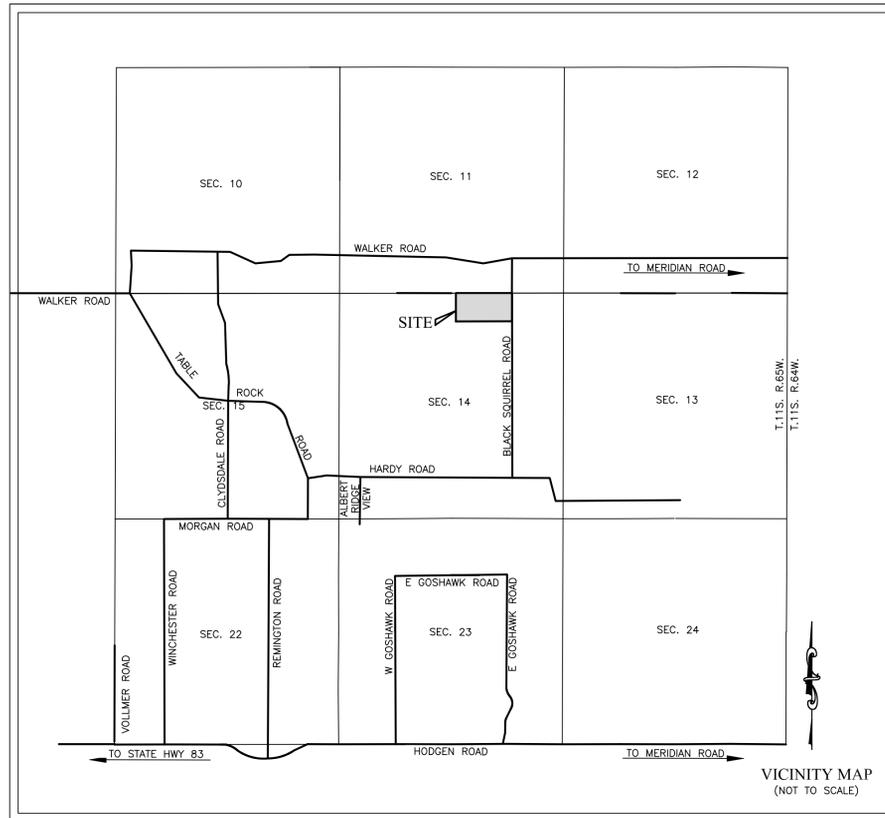
LEGAL DESCRIPTION

The North 1/2 of the Northwest 1/4 of the Northeast 1/4 of Section 14 in Township 11 South, Range 65 West of the 6th P.M., together with 80 foot right-of-way described in Exhibit B in Warranty Deed recorded in Book 2460 at page 374 of the records of El Paso County, Colorado,

(Per Title Commitment Order Number RND55116760)

FEES:

Drainage Fee: _____
School Fee: _____
Bridge Fee: _____
Park Fee: _____



PLAT NOTES

- Unless otherwise indicated, all side, front, and rear lot lines are hereby platted on either side with a 10 foot public utility and drainage easement unless otherwise indicated. All exterior subdivision boundaries are hereby platted with a 20 foot public utility and drainage easement. The sole responsibility for maintenance of these easements is hereby vested with the individual property owners.
- The addresses exhibited on this plat are for informational purposes only. They are not the legal description and are subject to change.
- No driveway shall be established unless an access permit has been granted by El Paso County.
- Mailboxes shall be installed in accordance with all El Paso County and United States Postal Service regulations.
- Sewage treatment is the responsibility of each individual property owner. The El Paso County Department of Health and Environment must approve each system and, in some cases the Department may require an engineer designed system prior to permit approval. These systems may cost more to design, install, and maintain.
- Individual wells are the responsibility of each property owner. Permits for individual wells must be obtained from the State Engineer who by law has the authority to set conditions for the issuance of these permits.
- Ingress and egress to Lot 1 and Lot 2 via Lil Squirrel Lane (Private Roadway). Lot 3 shall have direct access to Black Squirrel Road.
- The Federal Emergency Management Agency, Flood Insurance Rate Map No. 08041C0310G, effective date of December 07, 2018, indicates this parcel of land to be located in Zone X (Areas of minimal flood hazard).
- The Parcel is currently Zoned RR-5.
- The following reports have been submitted in association with the Final Plat for this subdivision and are on file with the El Paso County Planning and Community Development Department: Drainage Report; Water Resources Report; Wastewater Disposal Report; Geology and Soils Report; Wildland fire & Hazard Mitigation Plan.
- All Property owners are responsible for maintaining proper storm water drainage in and through their property. Public drainage easements are specifically noted on the plat shall be maintained by the individual lot owners unless otherwise indicated. Structures, fences, materials or landscaping that could impeded the flow of runoff shall not be placed in drainage easements.
- Developer shall comply with federal and state laws regulations, ordinances, review and permit requirements, and other agency requirements, if any, of applicable agencies including, but not limited to, the Colorado Division of Wildlife, Colorado Department of Transportation, U.S. Army Corps of Engineers and the U.S. Fish and Wildlife Service regarding the Endangered Species Act.
- Individual lot purchasers are responsible for constructing driveways, including necessary drainage culverts from Black Squirrel Road and Lil Squirrel Lane per land development code Section 6.3.C.2 and 6.3.33.C3. Due to their length, some of the driveways will need to be specifically approved by the Falcon Fire District.

PLAT NOTES CONTINUED

- Due to wildfire concerns, homeowners are encouraged to incorporate wildfire fuel break provisions as recommended by the Colorado State Forest Service and illustrated through publications available through the State Forest Service. LDC 6.3.3.
- Individual investigations for new building sites and septic systems will be required prior to construction.
- The Subdivider(s) agree on behalf of him/herself and any developer or builder successors and assigns that Subdivider and/or said successors and assigns shall be required to pay traffic impact fees in accordance with the El Paso County Road Impact Fee Program Resolution (Resolution No. 24-377), or any amendments thereto, at or prior to the time of building permit submittal. The fee obligation, if not paid at final plat recording, shall be documented on all sales documents and on plat notes to ensure that a title search would find the fee obligation before sale of the property.
- The private roads as shown on this plat will not be maintained by El Paso County until and unless the streets are constructed in conformance with El Paso County standards in effect at the date of the request for dedication and maintenance.
- Due to high groundwater in the area, all foundations shall incorporate an underground drainage system.
- Gas and Electric: The subdivider/developer is responsible for extending utilities to each lot, tract or building site. Electric service for this subdivision is provided by Mountain View Electric Association subject to the District's rules, regulations and specifications. Gas service for this subdivision is provided by Black Hills Energy subject to the District's rules, regulations and specifications.
- Individual wells are the responsibility of each property owner. Permits for individual wells must be obtained from the State Engineer who by law has the authority to set conditions for the issuance of these permits.
- All property within this subdivision is subject to a Declaration of Covenants as recorded at Reception No. _____, of the records of the El Paso County Clerk and Recorder.
- All lots within the subdivision have been found to be impacted by geologic hazards. Mitigation measures and a map of the hazard area can be found in the report Soils and Geology Study by Rocky Mountain Group dated September 13, 2024 in file SF2426 available at the El Paso County Development Services Department. Hazards:
 - Compressible Soils
 - Expansive soil/Bedrock
 - Potentially Compressible, expansive soils bedrock
 - Radon
 - Potentially Seasonally High Groundwater (seasonally frequent ground and surface water)
 - Faults and Seismicity
- Prior to construction of proposed residences, lot specific subsurface soil investigations will be performed to determine whether or not shallow groundwater, hydro-compacted soils, and or expansive soils are present on the lot, and to determine an appropriate foundation design, basement or crawl space suitability, and or lot specific recommendation are necessary to mitigate these conditions.

SURVEYOR'S NOTES

- NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- Any person who knowingly removes, alters or defaces any public land survey monument or land boundary monument or accessory commits a class 2 misdemeanor pursuant to the Colorado Revised Statute 18-4-508.
- The lineal units used in this drawing are U.S. Survey Feet.
- The fieldwork for this survey was completed on January 2, 2024.
- The overall subject parcel contains a calculated area of 835,276 square feet (19.18 acres) of land, more or less. Subject parcel to be divided into three lots as shown hereon.
- This survey does not constitute a title search by Apex Land Surveying and Mapping, LLC. to determine ownership or easements of record. For information regarding easements, rights-of-way and title of record, Apex Land Surveying and Mapping, LLC. relied upon Title Commitment RND55116760-2, with an effective date of 09/30/2024 @ 5:00 P.M. as provided by Land Title Guaranty Company & Old Republic National Title Insurance Company..
- Bearings are based on a portion of the North line of Section 14, T11S, R65W of the 6th Principal Meridian, monumented on the west end with a found No. 6 rebar, rehabilitated with 2-1/2" aluminum cap, T11S R65W 1/4 S13S14 2024 PLS 38759, flush with grade, and on the east end with a found No. 6 rebar with 2-1/2" aluminum cap marked 1/4 S11S14 1997 PLS 4842, flush with grade and is assumed to bear N89°17'09"E a measured distance of 2,637.40 feet.
- Any underground or above ground utilities shown hereon have been located from field survey information. Apex Land Surveying and Mapping, LLC. does not guarantee said underground utilities to be shown in their exact location and that said underground utilities are shown in their entirety. Apex Land Surveying and Mapping, LLC. did not physically enter any manholes or inlets to verify size and material. Where additional or more detailed information is required, the client is advised that excavation may be necessary.
- Exception No. 13 in title commitment stipulates terms, conditions, provisions, burdens and obligations as set forth in right of way recorded July 09, 1967 under Reception No. 563351 under Book 2202 at Page 117. Said right of way and easement for roadway, utilities, ingress and egress purposes over and across the East 80 feet of that part of the west half of the Southeast quarter of Section 11 in Township 11 South, Range 65 West of the 6th P.M., as graphically depicted on this Subdivision Plat.
- Right Of Way Deed per Book 2636 at Page 733 by Reception No. 30371 grants, bargain, sell, and convey the said 80 Strip (40 on either side of centerline) to El Paso County as graphically depicted on this Land Survey Plat. POINT OF INTERSECTION WITH NORTH LINE OF SECTION 14, a distance of 1354.79' (R&C) lands within field measured evidence of intersection of Black Squirrel Road (gravel road) and private road (gravel road). This document is listed as an "EX" in the vesting deed (Warranty Deed by Reception No. 218044100).
- Abbreviated Legal Description in vesting Warranty Deed by Reception No. 218044100 Has an address listed as 6275 Montabor Dr, Colorado Springs CO 80918. The address listed in this document is the address for Chris team Living trust, not the physical address of main subject parcel.
- Exception No. 19-Grant of right of way to mountain view electric association, inc. over a portion of subject property as recorded June 5, 2001 under reception No. 201075608. The evidence in this description in this document does not touch the subject parcel.
- Exception No. 20-Grant of right of way to mountain view electric association, inc. over a portion of subject property as recorded October 2, 2012 under Reception No. 212115628. The evidence in this description does not touch the subject parcel.
- Exception No. 22-Easement granted to public service company of Colorado, for utility and incidental purposes, by instrument recorded april 21, 1964, in book 2007 at page 850. The evidence in this description does not touch the subject parcel.

SURVEYOR'S CERTIFICATE

I, Danny Rodic, a duly registered Professional Land Surveyor in the State of Colorado, do hereby certify that this plat truly and correctly represents the results of a survey made on date of survey, by me or under my direct supervision and that all monuments exist as shown hereon; that mathematical closure errors are less than 1:10,000; and that said plat has been prepared in full compliance with all applicable laws of the State of Colorado dealing with monuments, subdivision, or surveying of land and all applicable provisions of the El Paso County Land Development Code.

I attest the above on this _____ day of _____, 20____.

Surveyor's Name, (Signature) _____ Date
Colorado Registered PLS #38759

CLERK AND RECORDER:

State of Colorado)
County of El Paso) ss
I certify that this instrument was filed for record in my office at _____ O'Clock
_____, this _____ day of _____, 20____, A.D.
and is duly recorded in plat book _____, at page number _____,
under Reception No. _____, of the records of El Paso County,
Colorado.
Fee: _____
By: _____
El Paso County Clerk and Recorder

PDC File No: SF-2426

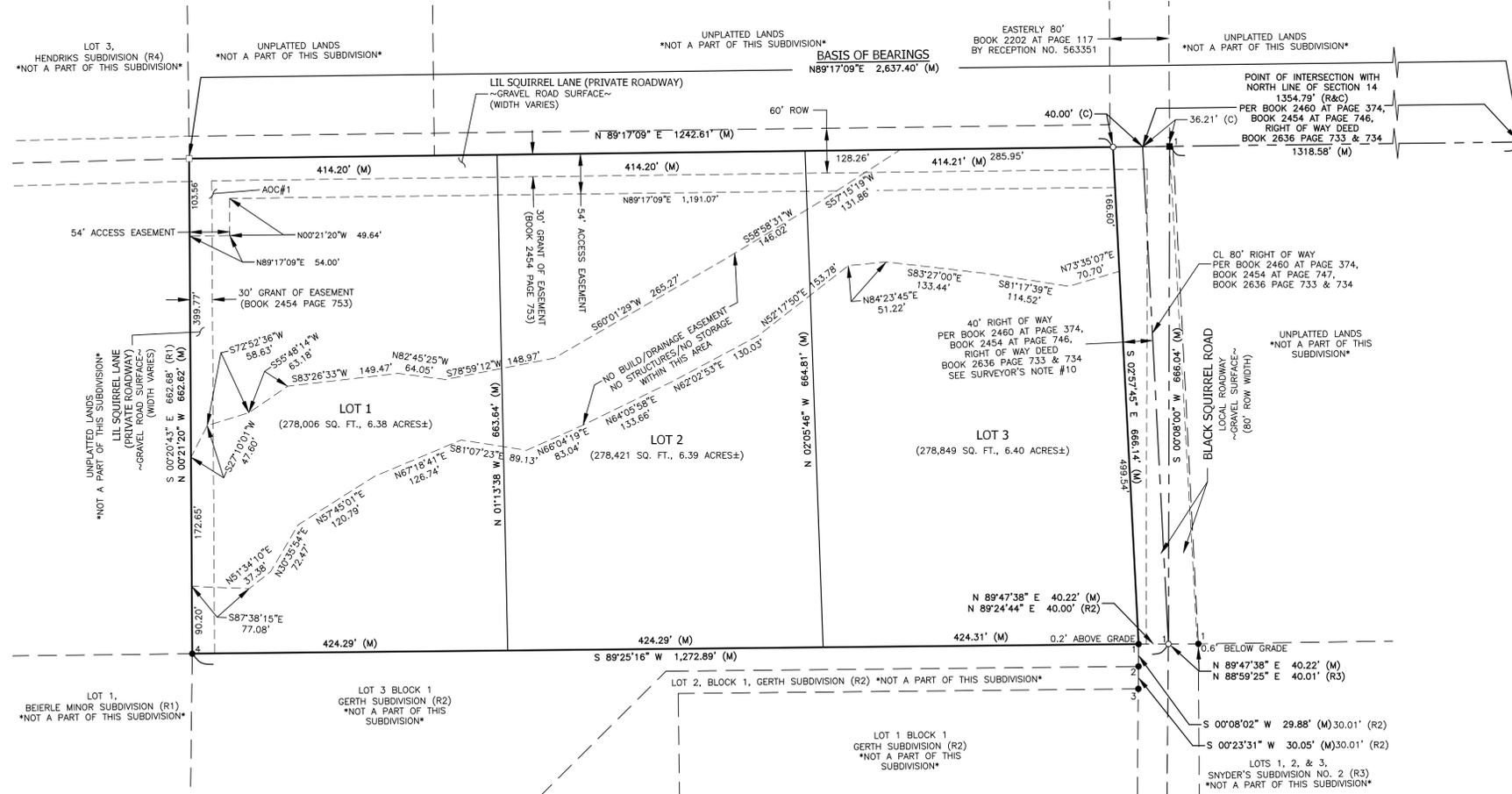
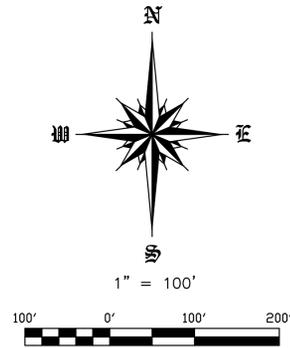
APX Land Surveying and Mapping LLC.
5855 Lehman Drive, Suite 102
Colorado Springs, CO 80918
Phone: 719-318-0377
E-mail: info@apexsurveyor.com
Website: www.apexsurveyor.com

DATE:	August 23, 2024	REVISIONS		
No.	Remarks	Date	By	
1.	Per county comments	12-01-2024	DDR	
2.	Per county comments	01-27-2025	DDR	
3.	Per county comments	03-18-2025	DDR	

Field: TJM/DDR Drawn: TJM/DDR Checked: DDR PROJECT No.: 24032 SHEET 1 OF 2

TEAM CHRIS SUBDIVISION

BEING A PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 14,
TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN,
COUNTY OF EL PASO, STATE OF COLORADO.



LEGEND

- 1 ● FOUND NO. 5 REBAR AS NOTED
- 2 ● FOUND NO. 4 REBAR WITH 1\"/>

Danny Rodic
State of Colorado Professional Land Surveyor No. 38759
For and on behalf of Apex Land Surveying and Mapping LLC.

PDC File No.: SF-2426

DATE: August 23, 2024		REVISIONS	
No.	Remarks	Date	By
1.	Per county comments	12-01-2024	DDR
2.	Per county comments	01-27-2025	DDR
3.	Per county comments	03-18-2025	DDR

APEX LAND SURVEYING AND MAPPING LLC

APEX Land Surveying and Mapping LLC.
5855 Lehman Drive, Suite 102
Colorado Springs, CO 80918
Phone: 719-318-0377
E-mail: info@apexsurveyor.com
Website: www.apexsurveyor.com

**Colorado Ground Water Commission
Findings and Order**

In the matter of an application for replacement plan to allow the withdrawal of groundwater from the Dawson aquifer in the Kiowa-Bijou Designated Groundwater Basin.

Replacement Plan No. 4760-RP

For Determination of Water Right No. 4760-BD

Aquifer: Dawson

Applicant: Chris Team Living Trust

In compliance with section 37-90-107.5, C.R.S. and the Designated Basin Rules, 2 CCR 410-1 (Rules or Rule), Chris Team Living Trust (Applicant) submitted an application for a replacement plan to allow the withdrawal of groundwater from the Dawson Aquifer that has been allocated by Determination of Water Right No. 4760-BD.

Findings

1. Pursuant to section 37-90-107(7), C.R.S., in a Findings and Order dated February 10, 2025, the Ground Water Commission (Commission) approved a Determination of a Right to an Allocation of Groundwater, No. 4760-BD, from the Dawson Aquifer (Aquifer), summarized as follows.
 - a. The determination quantified an amount of water from beneath 19.39 acres of overlying land generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., in El Paso County (Overlying Land).

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Aquifer: Dawson
Applicant: Chris Team Living Trust

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- b. The amount of water in the aquifer that was allocated was 1,460 acre-feet, and the allowed average annual amount of groundwater to be withdrawn from the aquifer was limited to 14.6 acre-feet per year (subject to adjustment by the Commission to conform to actual local aquifer characteristics).
 - c. The use of groundwater is limited to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage.
 - d. Withdrawal of the subject groundwater will, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent of the annual rate of withdrawal, the groundwater is considered to be not-nontributary, and Commission approval of a replacement plan providing for actual depletion of affected alluvial aquifers and adequate to prevent any material injury to existing water rights in such alluvial aquifers is required prior to approval of well permits for wells to withdraw the subject groundwater.
 2. The subject water is Designated Groundwater located within the boundaries of the Kiowa-Bijou Designated Groundwater Basin. The Commission has jurisdiction over the withdrawal of the water by large capacity wells that are permitted pursuant to section 37-90-107(7).
 3. Withdrawal of the subject groundwater would deplete the alluvial aquifer of the Kiowa-Bijou Designated Groundwater Basin, the alluvial aquifer of the Upper Big Sandy Designated Groundwater Basin and the alluvial aquifer of the Upper Black Squirrel Creek Designated Groundwater Basin, all of which, according to Rules 5.2.4.2, 5.2.7.2 and 5.2.6.2, respectively, have been determined to be over appropriated. Such depletion would unreasonably

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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- impair existing large capacity alluvial rights withdrawing water from those alluvial aquifers.
4. Pursuant to Rule 5.6.1.A this plan must be adequate to prevent any material injury to water rights of other appropriators, which for purposes of this plan means large capacity wells withdrawing water from the alluvial aquifer of the Kiowa-Bijou Designated Groundwater Basin, the alluvial aquifer of the Upper Big Sandy Designated Groundwater Basin and the alluvial aquifer of the Upper Black Squirrel Creek Designated Groundwater Basin.
 5. Pursuant to Rule 5.3.6.2(C) the amount of replacement water shall provide for the depletion of alluvial water for the first 100 years due to all previous pumping and if pumping continues beyond 100 years, shall replace actual impact until pumping ceases.
 6. The application for the replacement plan was received by the Commission on September 18, 2024.
 7. The Applicant proposes to divert 2 acre-feet annually from the Dawson Aquifer for a period of 300 years. The Dawson aquifer water will be withdrawn through three wells to be located on three residential lots. One of the three wells is anticipated to pump a maximum of 1.0 acre-foot, and the other two wells will pump a maximum of 0.5 acre-feet each from the not-nontributary Dawson aquifer. Each well will be used for use in one single family residence with the remainder of the pumping for other accessory uses of additional dwelling units, landscape, lawn, and garden irrigation, and for the watering of domestic animals and livestock. The land on which the wells will be located is the Overlying Land described above.
 8. At a continuous withdrawal of 2 acre-feet annually for 300 years, depletions to the alluvial aquifer systems of the Kiowa-Bijou Designated Groundwater Basin, Upper Big Sandy Designated Groundwater Basin and Upper Black

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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- Squirrel Creek Designated Groundwater Basin would steadily increase to 0.069 acre-feet per year in the 300th year, which is equal to 3.46% of pumping, as shown in Exhibit A.
9. The Applicant proposes to provide 0.54 acre-feet per year of replacement water to the alluvial aquifer system of the Kiowa-Bijou Designated Groundwater Basin. The proposed source of replacement water is septic and leaching field return flows from the in-house use of the groundwater to be pumped under the plan. The Applicant estimates that return flows from each lot will consist of 90% of the water used for in-house purposes. Assuming a total minimum annual amount for in-house use of 0.20 acre-feet, the return flow would be 0.18 acre-feet annually, and the return flows under the plan will total 0.54 acre-feet per year for all three lots at full build out.
 10. The subject property is located within the drainage of Kiowa Creek, and the return flows will flow to the alluvial aquifer of the Kiowa-Bijou Designated Groundwater Basin. The Applicant proposes to aggregate all replacements to the drainage in which the well or wells will operate, in accordance with Guideline 2007-1.
 11. Pursuant to Rule 5.6.1.B this plan must be adequate to prevent unreasonable impairment of water quality. Pursuant to Rule 5.6.1.B.1.b, if the replacement source water is from an onsite wastewater treatment system permitted by a local health agency and the applicant demonstrates the source is in compliance with that permit there shall be a rebuttable presumption of no unreasonable impairment of water quality.
 12. Pursuant to Rule 5.6.1.C this plan, including the proposed uses of the water withdrawn pursuant to the plan, must not be speculative, and must be technically and financially feasible and within the Applicant's ability to complete. The plan, including the proposed uses of the water withdrawn pursuant to the plan, is not speculative. The plan appears technically and

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Applicant: Chris Team Living Trust

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financially feasible and within the Applicant's ability to complete.

13. Pursuant to Rule 5.6.1.D this plan must be able to be operated and administered on an ongoing and reliable basis. The plan appears to be able to be operated and administered on an ongoing and reliable basis.
14. Pursuant to Rule 5.6.1.F replacement source water must be physically and legally available in time, place and amount to prevent material injury. As determined in Determination of Water Right No. 4760-BD water is currently available in the amounts and for the number of years proposed to be diverted.
15. Pursuant to Rule 5.6.1.G the replacement source water must be legally available for use. Records in this office indicate that the Applicant controls the water right to be used as the source of replacement water, consisting of Determination of Water Right No. 4760-BD, and such water is legally available for use pursuant to this plan.
16. In accordance with sections 37-90-107.5 and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on November 28, 2024 and December 5, 2024. No objections to the application were received within the time limit set by statute.
17. According to Rule 5.6.1:
 - a. The Applicant has the burden of proving the adequacy of the plan in all respects.
 - b. If the applicant meets its burden of proof, the Commission shall grant approval of the plan which shall include any terms and conditions established by the Commission.
18. The Commission Staff, having evaluated the application pursuant to section 37-90-107.5 and the requirements of Rule 5.3.6.2(C) and Rule 5.6, finds that

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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the requirements have been meet, and the plan may be approved to allow diversions from the Dawson Aquifer if operated subject to the conditions given below.

Order

In accordance with section 37-90-107.5, and the Designated Basin Rules, the Colorado Ground Water Commission orders that the application for a replacement plan to allow the withdrawal of groundwater from the Dawson Aquifer underlying 19.39 acres that are the subject of Determination of Water Right no. 4760-BD is approved subject to the following conditions:

19. The Dawson Aquifer water will be withdrawn through three wells to be located on three residential lots. The allowed use of groundwater for each well under this plan is use in one single family residence with the remainder of the pumping for other accessory uses of additional dwelling units, landscape, lawn, and garden irrigation, and for the watering of domestic animals and livestock. The land on which the wells will be located is the Overlying Land described above.
20. The allowed annual amount of groundwater to be withdrawn from the Aquifer by all wells operating under this plan shall not exceed 2 acre-feet. One of the three wells is anticipated to pump a maximum of 1.0 acre-foot, and the other two wells will pump a maximum of 0.5 acre-feet each from the nontributary Dawson aquifer.
21. A totalizing flow meter shall be installed on each well. The well owner shall maintain the meter in good working order.
22. Permanent records of all withdrawals of groundwater from each well shall be recorded at least annually by the well owners, permanently maintained, and provided to the Commission on forms acceptable to the Commission, on an

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

Page 7

- annual basis for the previous calendar year, by February 15th of the following year, or more often upon request.
23. Pumping under this plan is limited to a period of 300 years. The year of first use of this replacement plan shall be the calendar year of construction of a well permitted pursuant to this plan or permitting of an existing well pursuant to the plan.
 24. Return flows from in-house use of groundwater shall occur through individual on-lot non-evaporative septic systems located within the 19.39 acres of Overlying Land that are the subject of Determination of Water Right No. 4760-BD. The septic systems must be constructed and operated in compliance with a permit issued by a local health agency.
 25. Replacement of depletions must be provided annually in the acre-feet amounts shown in Exhibit A. Annual replacement requirements may be computed by pro-rating between the values given on Exhibit A, or for simplicity may be taken as the amount shown in the next succeeding 5 year increment.
 26. The Applicant or their successor(s) are responsible for ensuring that replacement water is provided to the alluvial aquifer as required by this plan. The annual replacement requirement and the annual amount of replacement water provided shall be calculated and reported on a form acceptable to the Commission. The annual amount of replacement water provided must be no less than the annual replacement requirement on a yearly basis. No credit shall be claimed by the Applicant for an oversupply of replacement water provided to the alluvium during previous years.
 27. The Applicant must provide the required annual amount of replacement water for the first 100 years, or for as long as a well is operated pursuant to this plan, whichever is longer.

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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28. To assure adequate return flows, at least one well must be serving an occupied single-family dwelling that is generating return flows via a non-evaporative septic system before any irrigation or animal watering is allowed to be served by any of the wells.
29. So long as at least one well continues to pump and supply an occupied dwelling, the plan's required replacement obligations, shown in Exhibit A, will be met. Should all wells cease pumping for in-house use within the first 100 years an amended or alternate replacement plan must be obtained that will replace actual depletions to the alluvial aquifer so as to prevent any material injury to water rights of other appropriators.
30. The Applicant or their successor(s) must gather and maintain permanent records of all information pertaining to operation of this plan, which shall include, but is not limited to, those items identified below. The Applicant must submit records to the Commission on forms acceptable to the Commission, on an annual basis for the previous calendar year, by February 15th of the following year, or more often upon request.
 - a. Identification of the well permits issued and wells constructed under this plan.
 - b. The amount of water diverted by each well, and all wells in combination, both annually and cumulatively since operation of the plan began.
 - c. The number of occupied dwellings served by each well.
 - d. The return flows occurring from use of all wells operating under the plan, assuming 0.18 acre-feet per year per occupied single family dwelling (90% of the water used for in-house purposes) enters the alluvial aquifer as replacement water.

Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

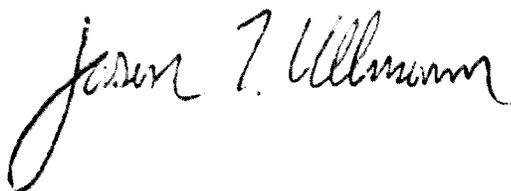
Page 9

- e. Any other information the Commission deems relevant and necessary to operation, monitoring, accounting, or administration of the plan.
31. The Applicant or their successor(s) are fully responsible for the operation, monitoring, and accounting of the replacement plan. In the event a lot with a well permitted or operating pursuant to this plan is sold, identification of the well that was sold and evidence that the new owner has been notified of their responsibilities under the replacement plan shall accompany that year's accounting.
32. Any covenants adopted for this subdivision should contain a description of the replacement plan, including the limitations on diversions and use of water for each well and lot, the requirement to meter and record all well pumping, and information on how records are to be reported and the plan is to be administered.
33. In the event the permitted well or wells are not operated in accordance with the conditions of this replacement plan, they shall be subject to administration, including orders to cease diverting groundwater.
34. All terms and conditions of Determination of Water Right No. 4760-BD must be met.
35. Pursuant to Rule 5.6.1.E, a copy of this Findings and Order shall be recorded by the Applicant in the clerk and recorder's records of El Paso County, so that a title examination of the land on which the structures involved in this plan are located reveals the existence of this plan.

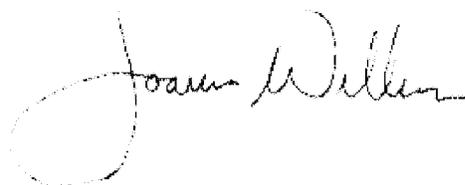
Replacement Plan No. 4760-RP, Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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Dated this 10th day of February, 2025.

A handwritten signature in black ink that reads "Jason T. Ullmann". The signature is written in a cursive style with a large, looping initial 'J'.

Jason T. Ullmann, P.E.
Executive Director
Colorado Ground Water Commission

A handwritten signature in black ink that reads "Joanna Williams". The signature is written in a cursive style with a large, looping initial 'J'.

By: Joanna Williams, P.E.
Chief of Water Supply, Designated Basins

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Prepared by: idc

Exhibit A
 Replacement Plan - Determination No.: 10038395-BD
 Page 1 of 1

Designated Basin Summary Table for Chris Team Living Trust
 Pumping Rate of 2 acre-feet per year for 300 Years from the Dawson aquifer
 Section(s): Section 14, T11S, R65W, 6th P.M.

Year	Pumping (Q) (AF/YR)	Annual Depletion (q) (AF/YR)	Depletion as a % of Pumping (q/Q)	Year	Pumping (Q) (AF/YR)	Annual Depletion (q) (AF/YR)	Depletion as a % of Pumping (q/Q)
5	2.0	0.0000	0.00	155	2.0	0.0310	1.55
10	2.0	0.0001	0.01	160	2.0	0.0323	1.62
15	2.0	0.0003	0.02	165	2.0	0.0337	1.68
20	2.0	0.0006	0.03	170	2.0	0.0351	1.75
25	2.0	0.0011	0.05	175	2.0	0.0364	1.82
30	2.0	0.0016	0.08	180	2.0	0.0378	1.89
35	2.0	0.0022	0.11	185	2.0	0.0391	1.96
40	2.0	0.0030	0.15	190	2.0	0.0405	2.02
45	2.0	0.0038	0.19	195	2.0	0.0418	2.09
50	2.0	0.0047	0.23	200	2.0	0.0432	2.16
55	2.0	0.0057	0.28	205	2.0	0.0445	2.23
60	2.0	0.0067	0.33	210	2.0	0.0459	2.29
65	2.0	0.0078	0.39	215	2.0	0.0472	2.36
70	2.0	0.0089	0.44	220	2.0	0.0485	2.43
75	2.0	0.0101	0.50	225	2.0	0.0499	2.49
80	2.0	0.0112	0.56	230	2.0	0.0512	2.56
85	2.0	0.0125	0.62	235	2.0	0.0525	2.62
90	2.0	0.0137	0.69	240	2.0	0.0538	2.69
95	2.0	0.0150	0.75	245	2.0	0.0551	2.76
100	2.0	0.0163	0.81	250	2.0	0.0564	2.82
105	2.0	0.0176	0.88	255	2.0	0.0577	2.89
110	2.0	0.0189	0.94	260	2.0	0.0591	2.95
115	2.0	0.0202	1.01	265	2.0	0.0604	3.02
120	2.0	0.0215	1.08	270	2.0	0.0616	3.08
125	2.0	0.0229	1.14	275	2.0	0.0629	3.15
130	2.0	0.0242	1.21	280	2.0	0.0642	3.21
135	2.0	0.0256	1.28	285	2.0	0.0655	3.27
140	2.0	0.0269	1.35	290	2.0	0.0668	3.34
145	2.0	0.0283	1.41	295	2.0	0.0680	3.40
150	2.0	0.0296	1.48	300	2.0	0.0693	3.46

Created by idc on October 29, 2024
 Values for 'Depletion as a % of Pumping' (q/Q) are not calculated when the pumping rate (Q) is changed to anything but zero

**Colorado Ground Water Commission
Findings and Order**

In the matter of an application for a determination of a right to an allocation of groundwater in the Kiowa-Bijou Designated Groundwater Basin

Determination No.: 4760-BD

Aquifer: Dawson

Applicant: Chris Team Living Trust

In compliance with section 37-90-107(7) of the Colorado Revised Statutes (“C.R.S.”), and the Rules and Regulations for the Management and Control of Designated Ground Water, 2 CCR 410-1 (“Designated Basin Rules”), Chris Team Living Trust (“Applicant”) submitted an application to the Colorado Ground Water Commission (“Commission”) for a determination of a right to an allocation of designated groundwater from the Dawson Aquifer.

Findings

1. The application was received by the Commission on September 18, 2024.
2. The Applicant requests a determination of right to an allocation of designated groundwater (“Determination”) in the Dawson aquifer (“Aquifer”) underlying 19.39 acres, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., in El Paso County (“Overlying Land”). According to a Nontributary Groundwater Landownership Statement dated September 18, 2024, attached hereto as Exhibit A, the Applicant owns the 19.39 acres of land, which are further described in said Ownership Statement, and claims control of the right to the groundwater in the Aquifer underlying the land.

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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3. The Overlying Land is located within the boundaries of the Kiowa-Bijou Designated Groundwater Basin. The Commission has jurisdiction over the designated groundwater that is the subject of this Determination.
4. The Commission's Staff has evaluated the application relying on the claims to control of the groundwater in the Aquifer underlying the Overlying Land made by the Applicant.
5. The Applicant intends to apply the groundwater in the Aquifer underlying the Overlying Land to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The Applicant's proposed place of use of the groundwater in the Aquifer underlying the Overlying Land is the above described 19.39 acres of Overlying Land.
6. Pursuant to section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the groundwater in the Aquifer underlying the Overlying Land on the basis of the ownership of the Overlying Land.
7. The amount of water in storage in the Aquifer underlying the 19.39 acres of Overlying Land claimed by the Applicant is 1,510 acre-feet. This determination was based on the following as specified in the Designated Basin Rules.
 - a. The average specific yield of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 20 percent.
 - b. The average thickness of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 390 feet.

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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8. A review of the records in the Office of the State Engineer has disclosed that a well operating pursuant to section 37-90-105, C.R.S., (i.e. a small-capacity well), permit no. 73654, is located on the Overlying Land and is permitted to withdraw 1 acre-feet per year of groundwater from the Aquifer from beneath the Overlying Land. The applicant has indicated that permit no. 73654 will be canceled and the well re-permitted to operate pursuant to this Determination. The amount of water considered to have been historically withdrawn from the aquifer by this well is 50 acre-feet. In applying Rule 5.3.2.5 of the Designated Basin Rules to computing the amount of water available for allocation in this Determination, the amount of groundwater in the Aquifer underlying the Overlying Land available for allocation in this Determination is reduced by 50 acre-feet to 1,460 acre-feet. Except for that well, review of the records in the Office of the State Engineer finds no other previous allocations or permitted withdrawals from the Aquifer underlying the Overlying Land.
9. Pursuant to section 37-90-107(7)(c)(III), C.R.S., an approved determination of a right to an allocation shall be considered a final determination of the amount of groundwater so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
10. Pursuant to section 37-90-107(7)(d), C.R.S., the Commission has authority to issue well permits pursuant to subsection 107(7) (i.e. permits for large capacity wells) for the withdrawal of designated groundwater from the Aquifer. Pursuant to section 37-90-107(7)(a), C.R.S. the Commission shall adopt the necessary rules to carry out the provisions of subsection (7). Pursuant to section 37-90-111(h), C.R.S., the Commission is empowered to adopt rules necessary to carry out the provisions of Article 90 of Title 37. In accordance with that authority, the Commission has adopted the Designated Basin Rules.

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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11. Large capacity well permits issued pursuant to section 37-90-107(7), C.R.S. are subject to the following provisions of statute and the Designated Basin Rules.
 - a. Pursuant to section 37-90-107(7)(a), C.R.S. well permits issued pursuant to subsection 107(7) shall allow withdrawals on the basis of an aquifer life of one hundred years. The 1,460 acre-feet of water in the Aquifer underlying the Overlying Land available for allocation in this Determination, if permitted for withdrawal by large capacity wells on the basis of an aquifer life of one hundred years, would result in an allowed average annual amount of withdrawal of 14.6 acre-feet per year.
 - b. Any amounts of groundwater in the Aquifer allocated in this Determination that are permitted for withdrawal pursuant to section 37-90-105, C.R.S., by small capacity well permits issued after the issuance of this Determination reduce the amount of water, and the allowed average annual amount of withdrawal, that may be withdrawn by wells permitted pursuant to section 37-90-107(7), C.R.S.
 - c. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of groundwater from the Aquifer underlying the Overlying Land will, within one hundred years, deplete the flow of a natural stream or an alluvial aquifer at an annual rate greater than one-tenth of one percent (0.1%) of the annual rate of withdrawal and, therefore, the groundwater in the Aquifer underlying the Overlying Land is considered to be not-nontributary groundwater as defined in Rule 4.2.23 of the Designated Basin Rules. Withdrawal of water from the Aquifer underlying the Overlying Land would impact the alluvial aquifer of the Kiowa-Bijou Designated Groundwater Basin, which has been determined to be over-appropriated. Commission approval of a replacement plan pursuant to section 37-90-107.5, C.R.S., and Rule 5.6 of the Designated Basin Rules, that provides for the replacement of the actual depletion to the alluvial

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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aquifer and is adequate to prevent any material injury to existing water rights of other appropriators, is required prior to approval of well permits for wells to be located on this land area to withdraw the groundwater in the Aquifer underlying the Overlying Land. Pursuant to the Rules the replacement plan shall provide for the depletion of the alluvial water for the first 100 years due to all previous pumping, and if pumping continues beyond 100 years shall replace actual impact until pumping ceases, assuming water table conditions in the Aquifer.

12. Pursuant to section 37-90-105(1), C.R.S., the State Engineer has the authority to approve small capacity well permits. While water withdrawn from the Aquifer from beneath the Overlying Land by small capacity wells may consist of the groundwater allocated herein, the Commission recognizes that in approving small capacity permits the State Engineer is not bound by the terms and conditions of this Determination, and may approve small capacity permits based on standards and with such conditions as the State Engineer considers appropriate.
13. The ability of wells permitted to withdraw the authorized amount of water from this nonrenewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
14. In accordance with sections 37-90-107(7)(c)(II), C.R.S. and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on November 28, 2024 and December 5, 2024. No objections to the application were received within the time limit set by statute.

Order

In accordance with section 37-90-107(7), C.R.S. and the Designated Basin Rules, the Commission hereby determines a right to an allocation of designated

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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groundwater in the Dawson Aquifer underlying 19.39 acres of land, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., further described in Exhibit A, subject to the following conditions.

15. The amount (i.e. volume) of water in the Aquifer underlying the 19.39 acres of Overlying Land allocated herein is 1,460 acre-feet (“Underlying Groundwater”).
16. The amount (i.e. volume) of Underlying Groundwater allocated herein shall be considered final, except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes, if such information indicates that the initial estimate of the amount of Underlying Groundwater in the Aquifer was incorrect.
17. Approval of this Determination meets the requirements of section 37-90-107(7)(d)(II), C.R.S., that requires a determination of groundwater to be withdrawn by a well be made prior to the granting of a well permit pursuant to section 37-90-107(7), C.R.S.
18. Well permits issued pursuant to section 37-90-107(7), C.R.S., (i.e. large capacity wells) and this Determination are subject to the following conditions.
 - a. The total amount of Underlying Groundwater that may be withdrawn from the Aquifer by all large capacity wells permitted pursuant to this Determination may not exceed a volume 1,460 acre-feet, less any amount of the Underlying Groundwater allocated herein permitted to be withdrawn by small capacity wells issued permits pursuant to section 37-90-105, C.R.S. after the issuance of this Determination. The amounts of water permitted to be withdrawn by such small capacity wells shall be considered

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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to be one-hundred times the annual withdrawals permitted to be withdrawn by those wells.

- b. The allowed average annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water shall be equal to the volume of water permitted to be withdrawn by that well (or well field) divided by one-hundred years.
- c. The allowed maximum annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water may exceed the allowed average annual amount of withdrawal allowed by the well permit(s) as long as the total volume of water withdrawn by such well(s) does not exceed the product of the number of years since the date(s) of issuance of the well permit(s) times the allowed average annual amount of withdrawal allowed by the well permit(s).
- d. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
- e. Commission approval of a replacement plan, that provides for the replacement of the actual depletion to the alluvial aquifer and is adequate to prevent any material injury to existing water rights of other appropriators in the alluvial aquifer, is required prior to approval of well permits that allow the withdrawal of the Underlying Groundwater. The replacement plan shall provide for the depletion of the alluvial water for the first 100 years due to all previous pumping, and if pumping continues beyond 100 years shall replace actual impact until pumping ceases, assuming water table conditions in the Aquifer.

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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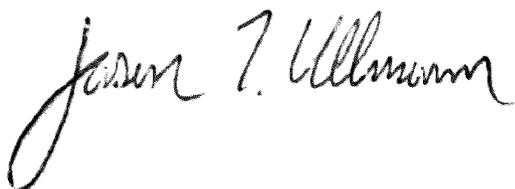
- f. The use of the Underlying Groundwater shall be limited to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The place of use and place of storage of the Underlying Groundwater shall be limited to the above described 19.39 acres of Overlying Land. The Underlying Groundwater that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission.
- g. The wells must be located on the above described 19.39 acres of Overlying Land.
- h. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.
- i. The wells must be constructed to withdraw water from only the Dawson Aquifer.
- j. The entire depth of each well must be geophysically logged prior to installing the casing in the same manner as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
- k. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission upon request.

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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- l. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
19. Existing well permit no. 73654 must be canceled and a new permit issued for that well to operate pursuant to this Determination.
20. A copy of this Determination shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 19.39 acres of Overlying Land area, or any part thereof, shall reveal the existence of this Determination.
21. The right to an allocation of designated groundwater determined herein is a vested property right with specific ownership. Some or all of the water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination number, the specific Aquifer, and the total amount (i.e. volume) of the right that is being conveyed.

Dated this 10th day of February, 2025.



Jason T. Ullmann, P.E.

Executive Director

Colorado Ground Water Commission

Determination No. 4760-BD
Aquifer: Dawson
Applicant: Chris Team Living Trust

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A handwritten signature in black ink, appearing to read "Joanna Williams". The signature is written in a cursive style with a large, looping initial "J".

By: Joanna Williams, P.E.
Chief of Water Supply, Designated Basins

F&O4760-BD.docx

Prepared by: idc

Exhibit A
4760-BD
Page 2 of 3

218044100 4/19/2018 12:29 PM
PGS 2 \$18.00 DF \$0.00
Electronically Recorded Official Records El Paso County CO
Chuck Broerman, Clerk and Recorder
TD1000 N

After recording, please return to:

Forbush Legal, PLLC
902 S. Weber Street
Colorado Springs, CO 80903

DOCUMENTARY TRANSFER TAX - \$0
\$0 - For no consideration - Transfer to Trust

Reserved for recording information

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that Christine L. Tschamler of El Paso County, Colorado, (hereinafter "Grantor") intending this instrument to operate solely as to transfer to a trust for estate planning purposes, for no consideration, hereby transfers and conveys to the Chris Team Living Trust dated April 11, 2018, whose address is 6275 Montarbor Dr, Colorado Springs, CO 80918 (hereinafter "Grantee") all of Grantor's right, title and interest in and to the following real property located in El Paso County, State of Colorado described as:

**N2NW4NE4, EX PT TO CO BY BK 2636-733 SUBJ TO
R/W EASEMENT AS DES IN BK 2454-753 SEC 14-11-65**

commonly known as: **6275 Montarbor Dr, Colorado Springs, CO 80918**

TOGETHER WITH all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the Grantor, either in law or equity, of, in and to the above conveyed premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above conveyed and described, with the appurtenances, unto the Grantee, its heirs and assigns forever. The Grantor, for themselves, their heirs, and personal representatives, do covenant, grant, and agree to and with the Grantee, its heirs and assigns, that at the time of the signing and delivery of these presents, they are well seized of the premises above conveyed, have good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple and have good right, full power and lawful authority to grant, bargain, sell and convey the same in a manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments, encumbrances and restrictions of whatever kind or nature soever, except general taxes for the current year and subsequent years, and except any easements, covenants, conditions, restrictions, reservations, and rights of way of record, if any.

The Grantor shall and will WARRANT THE TITLE AND FOREVER DEFEND the above-conveyed premises in the quiet and peaceable possession of the Grantee, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof.

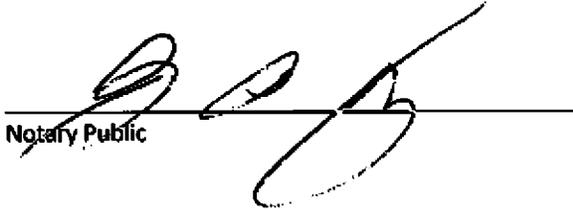
Executed and delivered on April 11, 2018


Christine L. Tschamler

Exhibit A
4760-BD
Page 3 of 3

STATE OF COLORADO)
) ss.
COUNTY OF El Paso)

This Warranty Deed was acknowledged before me on April 11, 2018 by Christine L. Tschamler as Grantor.



Notary Public

ANTHONY A. LEYERS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114064163
MY COMMISSION EXPIRES 10/28/2019

Colorado Ground Water Commission
Findings and Order

In the matter of an application for a determination of a right to an allocation of groundwater in the Kiowa-Bijou Designated Groundwater Basin

Determination No.: 4759-BD

Aquifer: Denver

Applicant: Chris Team Living Trust

In compliance with section 37-90-107(7) of the Colorado Revised Statutes (“C.R.S.”), and the Rules and Regulations for the Management and Control of Designated Ground Water, 2 CCR 410-1 (“Designated Basin Rules”), Chris Team Living Trust (“Applicant”) submitted an application to the Colorado Ground Water Commission (“Commission”) for a determination of a right to an allocation of designated groundwater from the Denver Aquifer.

Findings

1. The application was received by the Commission on September 18, 2024.
2. The Applicant requests a determination of right to an allocation of designated groundwater (“Determination”) in the Denver aquifer (“Aquifer”) underlying 19.39 acres, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., in El Paso County (“Overlying Land”). According to a Nontributary Groundwater Landownership Statement dated September 18, 2024, attached hereto as Exhibit A, the Applicant owns the 19.39 acres of land, which are further described in said Ownership Statement, and claims control of the right to the groundwater in the Aquifer underlying the land.

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Aquifer: Denver
Applicant: Chris Team Living Trust

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3. The Overlying Land is located within the boundaries of the Kiowa-Bijou Designated Groundwater Basin. The Commission has jurisdiction over the designated groundwater that is the subject of this Determination.
4. The Commission's Staff has evaluated the application relying on the claims to control of the groundwater in the Aquifer underlying the Overlying Land made by the Applicant.
5. The Applicant intends to apply the groundwater in the Aquifer underlying the Overlying Land to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The Applicant's proposed place of use of the groundwater in the Aquifer underlying the Overlying Land is the above described 19.39 acres of Overlying Land.
6. Pursuant to section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the groundwater in the Aquifer underlying the Overlying Land on the basis of the ownership of the Overlying Land.
7. The amount of water in storage in the Aquifer underlying the 19.39 acres of Overlying Land claimed by the Applicant is 1,150 acre-feet. This determination was based on the following as specified in the Designated Basin Rules.
 - a. The average specific yield of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 17 percent.
 - b. The average thickness of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 350 feet.

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Aquifer: Denver
Applicant: Chris Team Living Trust

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8. A review of the records in the Office of the State Engineer has disclosed that none of the groundwater in the Aquifer underlying the Overlying Land has been either previously determined to be allocated by the Commission, has been permitted for withdrawal by large capacity wells that have rights that were initiated prior to November 19, 1973 that are subject to section 37-90-107(7)(b), C.R.S., or has been permitted for withdrawal by existing small capacity wells withdrawing water under permits issued pursuant to section 37-90-105, C.R.S. The amount of designated groundwater in the Aquifer underlying the Overlying Land that is available for allocation in this Determination is 1,150 acre-feet.
9. Pursuant to section 37-90-107(7)(c)(III), C.R.S., an approved determination of a right to an allocation shall be considered a final determination of the amount of groundwater so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
10. Pursuant to section 37-90-107(7)(d), C.R.S., the Commission has authority to issue well permits pursuant to subsection 107(7) (i.e. permits for large capacity wells) for the withdrawal of designated groundwater from the Aquifer. Pursuant to section 37-90-107(7)(a), C.R.S. the Commission shall adopt the necessary rules to carry out the provisions of subsection (7). Pursuant to section 37-90-111(h), C.R.S., the Commission is empowered to adopt rules necessary to carry out the provisions of Article 90 of Title 37. In accordance with that authority, the Commission has adopted the Designated Basin Rules.
11. Large capacity well permits issued pursuant to section 37-90-107(7), C.R.S. are subject to the following provisions of statute and the Designated Basin Rules.

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Aquifer: Denver
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- a. Pursuant to section 37-90-107(7)(a), C.R.S. well permits issued pursuant to subsection 107(7) shall allow withdrawals on the basis of an aquifer life of one hundred years. The 1,150 acre-feet of water in the Aquifer underlying the Overlying Land available for allocation in this Determination, if permitted for withdrawal by large capacity wells on the basis of an aquifer life of one hundred years, would result in an allowed average annual amount of withdrawal of 11.5 acre-feet per year.
 - b. Any amounts of groundwater in the Aquifer allocated in this Determination that are permitted for withdrawal pursuant to section 37-90-105, C.R.S., by small capacity well permits issued after the issuance of this Determination reduce the amount of water, and the allowed average annual amount of withdrawal, that may be withdrawn by wells permitted pursuant to section 37-90-107(7), C.R.S.
 - c. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of groundwater from the Aquifer underlying the Overlying Land will not, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent (0.1%) of the annual rate of withdrawal and, therefore, the groundwater in the Aquifer underlying the Overlying Land is nontributary groundwater as defined in Rule 4.2.22 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the groundwater in the Aquifer underlying the Overlying Land withdrawn annually shall be consumed.
12. Pursuant to section 37-90-105(1), C.R.S., the State Engineer has the authority to approve small capacity well permits. While water withdrawn from the Aquifer from beneath the Overlying Land by small capacity wells may consist of the groundwater allocated herein, the Commission recognizes that in approving small capacity permits the State Engineer is not bound by the terms

Determination No. 4759-BD
Aquifer: Denver
Applicant: Chris Team Living Trust

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and conditions of this Determination, and may approve small capacity permits based on standards and with such conditions as the State Engineer considers appropriate.

13. The ability of wells permitted to withdraw the authorized amount of water from this nonrenewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
14. In accordance with sections 37-90-107(7)(c)(II), C.R.S. and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on November 28, 2024 and December 5, 2024. No objections to the application were received within the time limit set by statute.

Order

In accordance with section 37-90-107(7), C.R.S. and the Designated Basin Rules, the Commission hereby determines a right to an allocation of designated groundwater in the Denver Aquifer underlying 19.39 acres of land, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., further described in Exhibit A, subject to the following conditions.

15. The amount (i.e. volume) of water in the Aquifer underlying the 19.39 acres of Overlying Land allocated herein is 1,150 acre-feet (“Underlying Groundwater”).
16. The amount (i.e. volume) of Underlying Groundwater allocated herein shall be considered final, except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test

Determination No. 4759-BD
Aquifer: Denver
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holes, if such information indicates that the initial estimate of the amount of Underlying Groundwater in the Aquifer was incorrect.

17. Approval of this Determination meets the requirements of section 37-90-107(7)(d)(II), C.R.S., that requires a determination of groundwater to be withdrawn by a well be made prior to the granting of a well permit pursuant to section 37-90-107(7), C.R.S.
18. Well permits issued pursuant to section 37-90-107(7), C.R.S., (i.e. large capacity wells) and this Determination are subject to the following conditions.
 - a. The total amount of Underlying Groundwater that may be withdrawn from the Aquifer by all large capacity wells permitted pursuant to this Determination may not exceed a volume 1,150 acre-feet, less any amount of the Underlying Groundwater allocated herein permitted to be withdrawn by small capacity wells issued permits pursuant to section 37-90-105, C.R.S. after the issuance of this Determination. The amounts of water permitted to be withdrawn by such small capacity wells shall be considered to be one-hundred times the annual withdrawals permitted to be withdrawn by those wells.
 - b. The allowed average annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water shall be equal to the volume of water permitted to be withdrawn by that well (or well field) divided by one-hundred years.
 - c. The allowed maximum annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water may exceed the allowed average annual amount of withdrawal allowed by the well permit(s) as long as the total volume of water withdrawn by such well(s) does not exceed the product of the number of years since the date(s) of

Determination No. 4759-BD
Aquifer: Denver
Applicant: Chris Team Living Trust

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issuance of the well permit(s) times the allowed average annual amount of withdrawal allowed by the well permit(s).

- d. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
- e. No more than 98% of the amount of Underlying Groundwater withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the Underlying Groundwater withdrawn annually is being consumed.
- f. The use of the Underlying Groundwater shall be limited to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The place of use and place of storage of the Underlying Groundwater shall be limited to the above described 19.39 acres of Overlying Land. The Underlying Groundwater that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission.
- g. The wells must be located on the above described 19.39 acres of Overlying Land.
- h. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds

Determination No. 4759-BD
Aquifer: Denver
Applicant: Chris Team Living Trust

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that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.

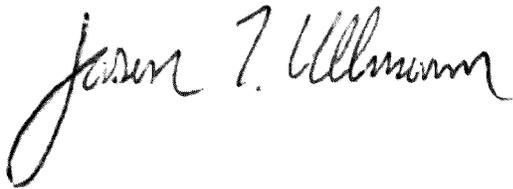
- i. The wells must be constructed to withdraw water from only the Denver Aquifer.
 - j. The entire depth of each well must be geophysically logged prior to installing the casing in the same manner as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - k. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission upon request.
 - l. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
19. A copy of this Determination shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 19.39 acres of Overlying Land area, or any part thereof, shall reveal the existence of this Determination.
20. The right to an allocation of designated groundwater determined herein is a vested property right with specific ownership. Some or all of the water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination number, the

Determination No. 4759-BD
Aquifer: Denver
Applicant: Chris Team Living Trust

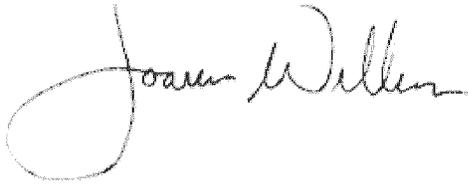
Page 9

specific Aquifer, and the total amount (i.e. volume) of the right that is being conveyed.

Dated this 10th day of February, 2025.

A handwritten signature in black ink, reading "Jason T. Ullmann". The signature is written in a cursive style with a large, looping initial 'J'.

Jason T. Ullmann, P.E.
Executive Director
Colorado Ground Water Commission

A handwritten signature in black ink, reading "Joanna Williams". The signature is written in a cursive style with a large, looping initial 'J'.

By: Joanna Williams, P.E.
Chief of Water Supply, Designated Basins

F&O4759-BD.docx

Prepared by: idc

Form no. **DIVISION OF WATER RESOURCES**
 GWS-1 **DEPARTMENT OF NATURAL RESOURCES**
 (7/2023) **1313 Sherman St, Room 821, Denver, CO 80203**
(303) 866-3581, www.colorado.gov/water, dwrpermitsonline@state.co.us

Exhibit A
4759-BD
Page 1 of 3

NONTRIBUTARY GROUNDWATER LANDOWNERSHIP STATEMENT

This form is to be submitted with applications for the following, when the applicant is the owner of the overlying land.

- 1) A well permit to withdraw groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers, or other aquifer the applicant claims contains nontributary groundwater, outside of a Designated Groundwater Basin subject to section 37-90-137(4), C.R.S., except when the right to withdraw the groundwater has been determined by a valid decree; OR
- 2) A determination of water right in the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers, or a well permit to withdraw groundwater from those aquifers that are subject to Designated Basin Rule 5.4, within a Designated Groundwater Basin.

NOTE: Form submittal instructions can be found on our website Colorado.gov/water. See instructions on the reverse of this form. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Chris Team Living Trust			
Mailing Address 6275 Montarbor Drive	City Colorado Springs	State CO	Zip Code 80918
Telephone Number (include area code) (719) 641-7946		Email cttschamler@gmail.com / wjt@cowaterlaw.com	
2. AQUIFER Denver			
3. CLAIM OF OWNERSHIP – I hereby claim that I am the owner of the following described property, as evidenced by the attached copy of a deed recorded in the county in which the property is located. Number of acres: <u>19.39</u> in the county of: <u>El Paso</u> described as follows (type the legal description below or type "see attached" and attach a legal description). See attached			
- I further claim that the right to withdraw the groundwater in the aquifer underlying the above described property has not been reserved by another, nor has consent been given to another for the right to its withdrawal.			
4. THE APPLICANT MUST PROVIDE – a Verification of Notice of Application (form no. GWS-43) (see instructions for exceptions).			
5. SIGNATURE – Sign or enter name(s) of applicant(s) or authorized agent. The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104(13)(a). I have read the statements herein, know the contents thereof, and state that they are true to my knowledge.			
Signature: <u>W. James Tilton</u>		Date: <u>9-18-2024</u>	
Print name and title: <u>W. James Tilton, Attorney</u>			

Exhibit A
4759-BD
Page 2 of 3

218044100 4/19/2018 12:29 PM
PGS 2 \$18.00 DF \$0.00
Electronically Recorded Official Records El Paso County CO
Chuck Broerman, Clerk and Recorder
TD1000 N

After recording, please return to:

Forbush Legal, PLLC
902 S. Weber Street
Colorado Springs, CO 80903

DOCUMENTARY TRANSFER TAX - \$0
\$0 - For no consideration - Transfer to Trust

Reserved for recording information

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that Christine L. Tschamler of El Paso County, Colorado, (hereinafter "Grantor") intending this instrument to operate solely as to transfer to a trust for estate planning purposes, for no consideration, hereby transfers and conveys to the Chris Team Living Trust dated April 11, 2018, whose address is 6275 Montarbor Dr, Colorado Springs, CO 80918 (hereinafter "Grantee") all of Grantor's right, title and interest in and to the following real property located in El Paso County, State of Colorado described as:

**N2NW4NE4, EX PT TO CO BY BK 2636-733 SUBJ TO
R/W EASEMENT AS DES IN BK 2454-753 SEC 14-11-65**

commonly known as: **6275 Montarbor Dr, Colorado Springs, CO 80918**

TOGETHER WITH all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the Grantor, either in law or equity, of, in and to the above conveyed premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above conveyed and described, with the appurtenances, unto the Grantee, its heirs and assigns forever. The Grantor, for themselves, their heirs, and personal representatives, do covenant, grant, and agree to and with the Grantee, its heirs and assigns, that at the time of the signing and delivery of these presents, they are well seized of the premises above conveyed, have good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple and have good right, full power and lawful authority to grant, bargain, sell and convey the same in a manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments, encumbrances and restrictions of whatever kind or nature soever, except general taxes for the current year and subsequent years, and except any easements, covenants, conditions, restrictions, reservations, and rights of way of record, if any.

The Grantor shall and will **WARRANT THE TITLE AND FOREVER DEFEND** the above-conveyed premises in the quiet and peaceable possession of the Grantee, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof.

Executed and delivered on April 11, 2018

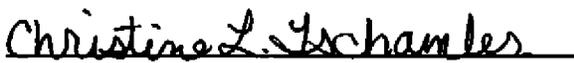
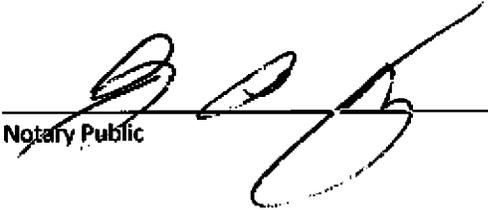

Christine L. Tschamler

Exhibit A
4759-BD
Page 3 of 3

STATE OF COLORADO)
) ss.
COUNTY OF El Paso)

This Warranty Deed was acknowledged before me on April 11, 2018 by Christine L. Tschamler as Grantor.



Notary Public

ANTHONY A. MEYERS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114064163
MY COMMISSION EXPIRES 10/28/2019

Colorado Ground Water Commission
Findings and Order

In the matter of an application for a determination of a right to an allocation of groundwater in the Kiowa-Bijou Designated Groundwater Basin

Determination No.: 4758-BD

Aquifer: Arapahoe

Applicant: Chris Team Living Trust

In compliance with section 37-90-107(7) of the Colorado Revised Statutes (“C.R.S.”), and the Rules and Regulations for the Management and Control of Designated Ground Water, 2 CCR 410-1 (“Designated Basin Rules”), Chris Team Living Trust (“Applicant”) submitted an application to the Colorado Ground Water Commission (“Commission”) for a determination of a right to an allocation of designated groundwater from the Arapahoe Aquifer.

Findings

1. The application was received by the Commission on September 18, 2024.
2. The Applicant requests a determination of right to an allocation of designated groundwater (“Determination”) in the Arapahoe aquifer (“Aquifer”) underlying 19.39 acres, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., in El Paso County (“Overlying Land”). According to a Nontributary Groundwater Landownership Statement dated September 18, 2024, attached hereto as Exhibit A, the Applicant owns the 19.39 acres of land, which are further described in said Ownership Statement, and claims control of the right to the groundwater in the Aquifer underlying the land.

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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3. The Overlying Land is located within the boundaries of the Kiowa-Bijou Designated Groundwater Basin. The Commission has jurisdiction over the designated groundwater that is the subject of this Determination.
4. The Commission's Staff has evaluated the application relying on the claims to control of the groundwater in the Aquifer underlying the Overlying Land made by the Applicant.
5. The Applicant intends to apply the groundwater in the Aquifer underlying the Overlying Land to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The Applicant's proposed place of use of the groundwater in the Aquifer underlying the Overlying Land is the above described 19.39 acres of Overlying Land.
6. Pursuant to section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the groundwater in the Aquifer underlying the Overlying Land on the basis of the ownership of the Overlying Land.
7. The amount of water in storage in the Aquifer underlying the 19.39 acres of Overlying Land claimed by the Applicant is 890 acre-feet. This determination was based on the following as specified in the Designated Basin Rules.
 - a. The average specific yield of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 17 percent.
 - b. The average thickness of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 270 feet.

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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8. A review of the records in the Office of the State Engineer has disclosed that none of the groundwater in the Aquifer underlying the Overlying Land has been either previously determined to be allocated by the Commission, has been permitted for withdrawal by large capacity wells that have rights that were initiated prior to November 19, 1973 that are subject to section 37-90-107(7)(b), C.R.S., or has been permitted for withdrawal by existing small capacity wells withdrawing water under permits issued pursuant to section 37-90-105, C.R.S. The amount of designated groundwater in the Aquifer underlying the Overlying Land that is available for allocation in this Determination is 890 acre-feet.
9. Pursuant to section 37-90-107(7)(c)(III), C.R.S., an approved determination of a right to an allocation shall be considered a final determination of the amount of groundwater so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
10. Pursuant to section 37-90-107(7)(d), C.R.S., the Commission has authority to issue well permits pursuant to subsection 107(7) (i.e. permits for large capacity wells) for the withdrawal of designated groundwater from the Aquifer. Pursuant to section 37-90-107(7)(a), C.R.S. the Commission shall adopt the necessary rules to carry out the provisions of subsection (7). Pursuant to section 37-90-111(h), C.R.S., the Commission is empowered to adopt rules necessary to carry out the provisions of Article 90 of Title 37. In accordance with that authority, the Commission has adopted the Designated Basin Rules.
11. Large capacity well permits issued pursuant to section 37-90-107(7), C.R.S. are subject to the following provisions of statute and the Designated Basin Rules.

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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- a. Pursuant to section 37-90-107(7)(a), C.R.S. well permits issued pursuant to subsection 107(7) shall allow withdrawals on the basis of an aquifer life of one hundred years. The 890 acre-feet of water in the Aquifer underlying the Overlying Land available for allocation in this Determination, if permitted for withdrawal by large capacity wells on the basis of an aquifer life of one hundred years, would result in an allowed average annual amount of withdrawal of 8.9 acre-feet per year.
 - b. Any amounts of groundwater in the Aquifer allocated in this Determination that are permitted for withdrawal pursuant to section 37-90-105, C.R.S., by small capacity well permits issued after the issuance of this Determination reduce the amount of water, and the allowed average annual amount of withdrawal, that may be withdrawn by wells permitted pursuant to section 37-90-107(7), C.R.S.
 - c. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of groundwater from the Aquifer underlying the Overlying Land will not, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent (0.1%) of the annual rate of withdrawal and, therefore, the groundwater in the Aquifer underlying the Overlying Land is nontributary groundwater as defined in Rule 4.2.22 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the groundwater in the Aquifer underlying the Overlying Land withdrawn annually shall be consumed.
12. Pursuant to section 37-90-105(1), C.R.S., the State Engineer has the authority to approve small capacity well permits. While water withdrawn from the Aquifer from beneath the Overlying Land by small capacity wells may consist of the groundwater allocated herein, the Commission recognizes that in approving small capacity permits the State Engineer is not bound by the terms

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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and conditions of this Determination, and may approve small capacity permits based on standards and with such conditions as the State Engineer considers appropriate.

13. The ability of wells permitted to withdraw the authorized amount of water from this nonrenewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
14. In accordance with sections 37-90-107(7)(c)(II), C.R.S. and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on November 28, 2024 and December 5, 2024. No objections to the application were received within the time limit set by statute.

Order

In accordance with section 37-90-107(7), C.R.S. and the Designated Basin Rules, the Commission hereby determines a right to an allocation of designated groundwater in the Arapahoe Aquifer underlying 19.39 acres of land, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., further described in Exhibit A, subject to the following conditions.

15. The amount (i.e. volume) of water in the Aquifer underlying the 19.39 acres of Overlying Land allocated herein is 890 acre-feet (“Underlying Groundwater”).
16. The amount (i.e. volume) of Underlying Groundwater allocated herein shall be considered final, except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes, if such information indicates that the initial estimate of the amount of Underlying Groundwater in the Aquifer was incorrect.

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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17. Approval of this Determination meets the requirements of section 37-90-107(7)(d)(II), C.R.S., that requires a determination of groundwater to be withdrawn by a well be made prior to the granting of a well permit pursuant to section 37-90-107(7), C.R.S.
18. Well permits issued pursuant to section 37-90-107(7), C.R.S., (i.e. large capacity wells) and this Determination are subject to the following conditions.
 - a. The total amount of Underlying Groundwater that may be withdrawn from the Aquifer by all large capacity wells permitted pursuant to this Determination may not exceed a volume 890 acre-feet, less any amount of the Underlying Groundwater allocated herein permitted to be withdrawn by small capacity wells issued permits pursuant to section 37-90-105, C.R.S. after the issuance of this Determination. The amounts of water permitted to be withdrawn by such small capacity wells shall be considered to be one-hundred times the annual withdrawals permitted to be withdrawn by those wells.
 - b. The allowed average annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water shall be equal to the volume of water permitted to be withdrawn by that well (or well field) divided by one-hundred years.
 - c. The allowed maximum annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water may exceed the allowed average annual amount of withdrawal allowed by the well permit(s) as long as the total volume of water withdrawn by such well(s) does not exceed the product of the number of years since the date(s) of issuance of the well permit(s) times the allowed average annual amount of withdrawal allowed by the well permit(s).

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

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- d. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
- e. No more than 98% of the amount of Underlying Groundwater withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the Underlying Groundwater withdrawn annually is being consumed.
- f. The use of the Underlying Groundwater shall be limited to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The place of use and place of storage of the Underlying Groundwater shall be limited to the above described 19.39 acres of Overlying Land. The Underlying Groundwater that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission.
- g. The wells must be located on the above described 19.39 acres of Overlying Land.
- h. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.

Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

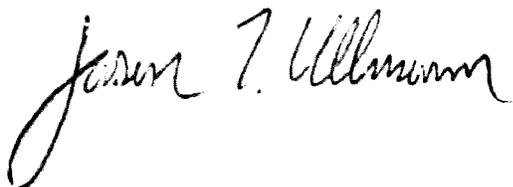
Page 8

- i. The wells must be constructed to withdraw water from only the Arapahoe Aquifer.
 - j. The entire depth of each well must be geophysically logged prior to installing the casing in the same manner as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - k. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission upon request.
 - l. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
19. A copy of this Determination shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 19.39 acres of Overlying Land area, or any part thereof, shall reveal the existence of this Determination.
20. The right to an allocation of designated groundwater determined herein is a vested property right with specific ownership. Some or all of the water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination number, the specific Aquifer, and the total amount (i.e. volume) of the right that is being conveyed.

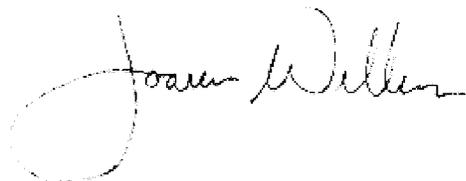
Determination No. 4758-BD
Aquifer: Arapahoe
Applicant: Chris Team Living Trust

Page 9

Dated this 10th day of February, 2025.

A handwritten signature in black ink that reads "Jason T. Ullmann". The signature is written in a cursive style with a large, looping initial 'J'.

Jason T. Ullmann, P.E.
Executive Director
Colorado Ground Water Commission

A handwritten signature in black ink that reads "Joanna Williams". The signature is written in a cursive style with a large, looping initial 'J'.

By: Joanna Williams, P.E.
Chief of Water Supply, Designated Basins

F&O4758-BD.docx

Prepared by: idc

Exhibit A
4758-BD
Page 2 of 3

218044100 4/19/2018 12:29 PM
PGS 2 \$18.00 DF \$0.00
Electronically Recorded Official Records El Paso County CO
Chuck Broerman, Clerk and Recorder
TD1000 N

After recording, please return to:

Forbush Legal, PLLC
902 S. Weber Street
Colorado Springs, CO 80903

DOCUMENTARY TRANSFER TAX - \$0
\$0 - For no consideration - Transfer to Trust

Reserved for recording information

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that Christine L. Tschamler of El Paso County, Colorado, (hereinafter "Grantor") intending this instrument to operate solely as to transfer to a trust for estate planning purposes, for no consideration, hereby transfers and conveys to the Chris Team Living Trust dated April 11, 2018, whose address is 6275 Montarbor Dr, Colorado Springs, CO 80918 (hereinafter "Grantee") all of Grantor's right, title and interest in and to the following real property located in El Paso County, State of Colorado described as:

**N2NW4NE4, EX PT TO CO BY BK 2636-733 SUBJ TO
R/W EASEMENT AS DES IN BK 2454-753 SEC 14-11-65**

commonly known as: **6275 Montarbor Dr, Colorado Springs, CO 80918**

TOGETHER WITH all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the Grantor, either in law or equity, of, in and to the above conveyed premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above conveyed and described, with the appurtenances, unto the Grantee, its heirs and assigns forever. The Grantor, for themselves, their heirs, and personal representatives, do covenant, grant, and agree to and with the Grantee, its heirs and assigns, that at the time of the signing and delivery of these presents, they are well seized of the premises above conveyed, have good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple and have good right, full power and lawful authority to grant, bargain, sell and convey the same in a manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments, encumbrances and restrictions of whatever kind or nature soever, except general taxes for the current year and subsequent years, and except any easements, covenants, conditions, restrictions, reservations, and rights of way of record, if any.

The Grantor shall and will **WARRANT THE TITLE AND FOREVER DEFEND** the above-conveyed premises in the quiet and peaceable possession of the Grantee, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof.

Executed and delivered on April 11, 2018

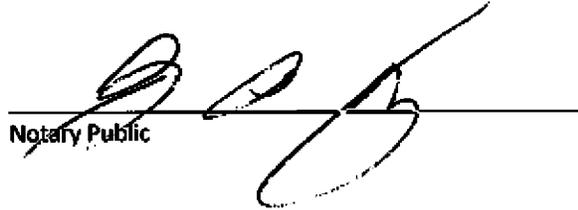

Christine L. Tschamler

ACKNOWLEDGEMENT ON FOLLOWING PAGE

Exhibit A
4758-BD
Page 3 of 3

STATE OF COLORADO)
) ss.
COUNTY OF El Paso)

This Warranty Deed was acknowledged before me on April 11, 2018 by Christine L. Tschamler as Grantor.



Notary Public

ANTHONY A. EYERS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114064163
MY COMMISSION EXPIRES 10/28/2019

Colorado Ground Water Commission
Findings and Order

In the matter of an application for a determination of a right to an allocation of groundwater in the Kiowa-Bijou Designated Groundwater Basin

Determination No.: 4757-BD

Aquifer: Laramie-Fox Hills

Applicant: Chris Team Living Trust

In compliance with section 37-90-107(7) of the Colorado Revised Statutes (“C.R.S.”), and the Rules and Regulations for the Management and Control of Designated Ground Water, 2 CCR 410-1 (“Designated Basin Rules”), Chris Team Living Trust (“Applicant”) submitted an application to the Colorado Ground Water Commission (“Commission”) for a determination of a right to an allocation of designated groundwater from the Laramie-Fox Hills Aquifer.

Findings

1. The application was received by the Commission on September 18, 2024.
2. The Applicant requests a determination of right to an allocation of designated groundwater (“Determination”) in the Laramie-Fox Hills aquifer (“Aquifer”) underlying 19.39 acres, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., in El Paso County (“Overlying Land”). According to a Nontributary Groundwater Landownership Statement dated September 18, 2024, attached hereto as Exhibit A, the Applicant owns the 19.39 acres of land, which are further described in said Ownership Statement, and claims control of the right to the groundwater in the Aquifer underlying the land.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 2

3. The Overlying Land is located within the boundaries of the Kiowa-Bijou Designated Groundwater Basin. The Commission has jurisdiction over the designated groundwater that is the subject of this Determination.
4. The Commission's Staff has evaluated the application relying on the claims to control of the groundwater in the Aquifer underlying the Overlying Land made by the Applicant.
5. The Applicant intends to apply the groundwater in the Aquifer underlying the Overlying Land to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The Applicant's proposed place of use of the groundwater in the Aquifer underlying the Overlying Land is the above described 19.39 acres of Overlying Land.
6. Pursuant to section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the groundwater in the Aquifer underlying the Overlying Land on the basis of the ownership of the Overlying Land.
7. The amount of water in storage in the Aquifer underlying the 19.39 acres of Overlying Land claimed by the Applicant is 553 acre-feet. This determination was based on the following as specified in the Designated Basin Rules.
 - a. The average specific yield of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 15 percent.
 - b. The average thickness of those saturated aquifer materials containing sufficient water that can be drained by gravity and placed to beneficial use is 190 feet.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 3

8. A review of the records in the Office of the State Engineer has disclosed that none of the groundwater in the Aquifer underlying the Overlying Land has been either previously determined to be allocated by the Commission, has been permitted for withdrawal by large capacity wells that have rights that were initiated prior to November 19, 1973 that are subject to section 37-90-107(7)(b), C.R.S., or has been permitted for withdrawal by existing small capacity wells withdrawing water under permits issued pursuant to section 37-90-105, C.R.S. The amount of designated groundwater in the Aquifer underlying the Overlying Land that is available for allocation in this Determination is 553 acre-feet.
9. Pursuant to section 37-90-107(7)(c)(III), C.R.S., an approved determination of a right to an allocation shall be considered a final determination of the amount of groundwater so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
10. Pursuant to section 37-90-107(7)(d), C.R.S., the Commission has authority to issue well permits pursuant to subsection 107(7) (i.e. permits for large capacity wells) for the withdrawal of designated groundwater from the Aquifer. Pursuant to section 37-90-107(7)(a), C.R.S. the Commission shall adopt the necessary rules to carry out the provisions of subsection (7). Pursuant to section 37-90-111(h), C.R.S., the Commission is empowered to adopt rules necessary to carry out the provisions of Article 90 of Title 37. In accordance with that authority, the Commission has adopted the Designated Basin Rules.
11. Large capacity well permits issued pursuant to section 37-90-107(7), C.R.S. are subject to the following provisions of statute and the Designated Basin Rules.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 4

- a. Pursuant to section 37-90-107(7)(a), C.R.S. well permits issued pursuant to subsection 107(7) shall allow withdrawals on the basis of an aquifer life of one hundred years. The 553 acre-feet of water in the Aquifer underlying the Overlying Land available for allocation in this Determination, if permitted for withdrawal by large capacity wells on the basis of an aquifer life of one hundred years, would result in an allowed average annual amount of withdrawal of 5.53 acre-feet per year.
 - b. Any amounts of groundwater in the Aquifer allocated in this Determination that are permitted for withdrawal pursuant to section 37-90-105, C.R.S., by small capacity well permits issued after the issuance of this Determination reduce the amount of water, and the allowed average annual amount of withdrawal, that may be withdrawn by wells permitted pursuant to section 37-90-107(7), C.R.S.
 - c. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of groundwater from the Aquifer underlying the Overlying Land will not, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent (0.1%) of the annual rate of withdrawal and, therefore, the groundwater in the Aquifer underlying the Overlying Land is nontributary groundwater as defined in Rule 4.2.22 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the groundwater in the Aquifer underlying the Overlying Land withdrawn annually shall be consumed.
12. Pursuant to section 37-90-105(1), C.R.S., the State Engineer has the authority to approve small capacity well permits. While water withdrawn from the Aquifer from beneath the Overlying Land by small capacity wells may consist of the groundwater allocated herein, the Commission recognizes that in approving small capacity permits the State Engineer is not bound by the terms

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 5

and conditions of this Determination, and may approve small capacity permits based on standards and with such conditions as the State Engineer considers appropriate.

13. The ability of wells permitted to withdraw the authorized amount of water from this nonrenewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
14. In accordance with sections 37-90-107(7)(c)(II), C.R.S. and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on November 28, 2024 and December 5, 2024. No objections to the application were received within the time limit set by statute.

Order

In accordance with section 37-90-107(7), C.R.S. and the Designated Basin Rules, the Commission hereby determines a right to an allocation of designated groundwater in the Laramie-Fox Hills Aquifer underlying 19.39 acres of land, generally described as the N1/2 of the NW1/4 of the NE1/4 of Section 14, Township 11 South, Range 65 West of the 6th P.M., further described in Exhibit A, subject to the following conditions.

15. The amount (i.e. volume) of water in the Aquifer underlying the 19.39 acres of Overlying Land allocated herein is 553 acre-feet (“Underlying Groundwater”).
16. The amount (i.e. volume) of Underlying Groundwater allocated herein shall be considered final, except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes, if such information indicates that the initial estimate of the amount of Underlying Groundwater in the Aquifer was incorrect.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 6

17. Approval of this Determination meets the requirements of section 37-90-107(7)(d)(II), C.R.S., that requires a determination of groundwater to be withdrawn by a well be made prior to the granting of a well permit pursuant to section 37-90-107(7), C.R.S.
18. Well permits issued pursuant to section 37-90-107(7), C.R.S., (i.e. large capacity wells) and this Determination are subject to the following conditions.
 - a. The total amount of Underlying Groundwater that may be withdrawn from the Aquifer by all large capacity wells permitted pursuant to this Determination may not exceed a volume 553 acre-feet, less any amount of the Underlying Groundwater allocated herein permitted to be withdrawn by small capacity wells issued permits pursuant to section 37-90-105, C.R.S. after the issuance of this Determination. The amounts of water permitted to be withdrawn by such small capacity wells shall be considered to be one-hundred times the annual withdrawals permitted to be withdrawn by those wells.
 - b. The allowed average annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water shall be equal to the volume of water permitted to be withdrawn by that well (or well field) divided by one-hundred years.
 - c. The allowed maximum annual amount of withdrawal by any large capacity well (or well field) permitted to withdraw the allocated water may exceed the allowed average annual amount of withdrawal allowed by the well permit(s) as long as the total volume of water withdrawn by such well(s) does not exceed the product of the number of years since the date(s) of issuance of the well permit(s) times the allowed average annual amount of withdrawal allowed by the well permit(s).

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 7

- d. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
- e. No more than 98% of the amount of Underlying Groundwater withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the Underlying Groundwater withdrawn annually is being consumed.
- f. The use of the Underlying Groundwater shall be limited to the following beneficial uses: domestic; livestock; domestic animals; irrigation (indoor and outdoor); recreation; fire suppression; wildlife; and replacement either directly or after storage. The place of use and place of storage of the Underlying Groundwater shall be limited to the above described 19.39 acres of Overlying Land. The Underlying Groundwater that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission.
- g. The wells must be located on the above described 19.39 acres of Overlying Land.
- h. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

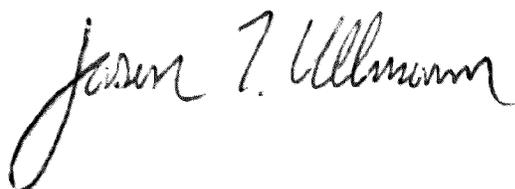
Page 8

- i. The wells must be constructed to withdraw water from only the Laramie-Fox Hills Aquifer.
 - j. The entire depth of each well must be geophysically logged prior to installing the casing in the same manner as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - k. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission upon request.
 - l. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
19. A copy of this Determination shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 19.39 acres of Overlying Land area, or any part thereof, shall reveal the existence of this Determination.
20. The right to an allocation of designated groundwater determined herein is a vested property right with specific ownership. Some or all of the water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination number, the specific Aquifer, and the total amount (i.e. volume) of the right that is being conveyed.

Determination No. 4757-BD
Aquifer: Laramie-Fox Hills
Applicant: Chris Team Living Trust

Page 9

Dated this 10th day of February, 2025.

A handwritten signature in black ink that reads "Jason T. Ullmann". The signature is written in a cursive style with a large, looping initial 'J'.

Jason T. Ullmann, P.E.
Executive Director
Colorado Ground Water Commission

A handwritten signature in black ink that reads "Joanna Williams". The signature is written in a cursive style with a large, looping initial 'J'.

By: Joanna Williams, P.E.
Chief of Water Supply, Designated Basins

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Prepared by: idc

Form no. **DIVISION OF WATER RESOURCES**
 GWS-1 **DEPARTMENT OF NATURAL RESOURCES**
 (7/2023) **1313 Sherman St, Room 821, Denver, CO 80203**
(303) 866-3581, www.colorado.gov/water, dwrpermitsonline@state.co.us

Exhibit A
 4757-BD
 Page 1 of 3

NONTRIBUTARY GROUNDWATER LANDOWNERSHIP STATEMENT

This form is to be submitted with applications for the following, when the applicant is the owner of the overlying land.

1) A well permit to withdraw groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers, or other aquifer the applicant claims contains nontributary groundwater, outside of a Designated Groundwater Basin subject to section 37-90-137(4), C.R.S., except when the right to withdraw the groundwater has been determined by a valid decree; OR

2) A determination of water right in the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers, or a well permit to withdraw groundwater from those aquifers that are subject to Designated Basin Rule 5.4, within a Designated Groundwater Basin.

NOTE: Form submittal instructions can be found on our website Colorado.gov/water. See instructions on the reverse of this form. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Chris Team Living Trust			
Mailing Address 6275 Montarbor Drive	City Colorado Springs	State CO	Zip Code 80918
Telephone Number (include area code) (719) 641-7946		Email cttschamler@gmail.com / wjt@cowaterlaw.com	
2. AQUIFER			
Laramie-Fox Hills			
3. CLAIM OF OWNERSHIP – I hereby claim that I am the owner of the following described property, as evidenced by			
the attached copy of a deed recorded in the county in which the property is located.			
Number of acres: <u>19.39</u> in the county of: <u>El Paso</u>			
described as follows (type the legal description below or type "see attached" and attach a legal description).			
See Attached			
- I further claim that the right to withdraw the groundwater in the aquifer underlying the above described property has not been reserved by another, nor has consent been given to another for the right to its withdrawal.			
4. THE APPLICANT MUST PROVIDE – a Verification of Notice of Application (form no. GWS-43) (see instructions for exceptions).			
5. SIGNATURE – Sign or enter name(s) of applicant(s) or authorized agent. The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104(13)(a). I have read the statements herein, know the contents thereof, and state that they are true to my knowledge.			
Signature: <u>W. James Tilton</u>		Date: <u>9-18-2024</u>	
Print name and title: <u>W. James Tilton, Attorney</u>			

Exhibit A
4757-BD
Page 2 of 3

218044100 4/19/2018 12:29 PM
PGS 2 \$18.00 DF \$0.00
Electronically Recorded Official Records El Paso County CO
Chuck Broerman, Clerk and Recorder
TD1000 N

After recording, please return to:

Forbush Legal, PLLC
902 S. Weber Street
Colorado Springs, CO 80903

DOCUMENTARY TRANSFER TAX - \$0
\$0 - For no consideration - Transfer to Trust

Reserved for recording information

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS, that Christine L. Tschamler of El Paso County, Colorado, (hereinafter "Grantor") intending this instrument to operate solely as to transfer to a trust for estate planning purposes, for no consideration, hereby transfers and conveys to the Chris Team Living Trust dated April 11, 2018, whose address is 6275 Montarbor Dr, Colorado Springs, CO 80918 (hereinafter "Grantee") all of Grantor's right, title and interest in and to the following real property located in El Paso County, State of Colorado described as:

**N2NW4NE4, EX PT TO CO BY BK 2636-733 SUBJ TO
R/W EASEMENT AS DES IN BK 2454-753 SEC 14-11-65**

commonly known as: **6275 Montarbor Dr, Colorado Springs, CO 80918**

TOGETHER WITH all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the Grantor, either in law or equity, of, in and to the above conveyed premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above conveyed and described, with the appurtenances, unto the Grantee, its heirs and assigns forever. The Grantor, for themselves, their heirs, and personal representatives, do covenant, grant, and agree to and with the Grantee, its heirs and assigns, that at the time of the signing and delivery of these presents, they are well seized of the premises above conveyed, have good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple and have good right, full power and lawful authority to grant, bargain, sell and convey the same in a manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments, encumbrances and restrictions of whatever kind or nature soever, except general taxes for the current year and subsequent years, and except any easements, covenants, conditions, restrictions, reservations, and rights of way of record, if any.

The Grantor shall and will **WARRANT THE TITLE AND FOREVER DEFEND** the above-conveyed premises in the quiet and peaceable possession of the Grantee, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof.

Executed and delivered on April 11, 2018

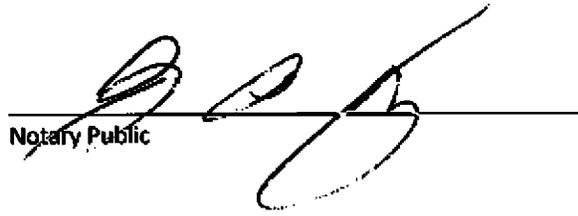

Christine L. Tschamler

ACKNOWLEDGEMENT ON FOLLOWING PAGE

Exhibit A
4757-BD
Page 3 of 3

STATE OF COLORADO)
) ss.
COUNTY OF El Paso)

This Warranty Deed was acknowledged before me on April 11, 2018 by Christine L. Tschamler as Grantor.



Notary Public

ANTHONY A. LEYERS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114064163
MY COMMISSION EXPIRES 10/28/2019



September 27, 2024

Ryan Howser
El Paso County – Planning and Community Development Department
2880 International Circle, Suite 110
Colorado Springs, CO 80910

Dear Mr. Howser:

**RE: 4-Lot Development for property at 18412 Black Squirrel Road
El Paso County Parcel #5114000019
Finding of Sufficient Water Quality According to Section 8.4.7.B.10(a) of the Amended El
Paso County Land Development Code (LDC-19-007)**

FINDING OF SUFFICIENT WATER QUALITY

Team Chris Living Trust owns approximately 19.39 acres on the above-described property, located at 18412 Black Squirrel Road, Colorado Springs, CO, 80908 (EPC Receipt No.: 5114000019). Team Chris Living Trust wishes to subdivide the 19.39 acres into three (3) residential lots through the El Paso County Land Development and Planning process. As part of the subdivision process Team Chris Living Trust's water resources attorney has prepared a Water Resources report to support sufficient water quantity over a 300-year evaluation period. The water resources report supports sufficient quantity but not sufficient quality according to Section 8.4.7.B.10(a) of the Amended El Paso County Land Development Code. Team Chris Living Trust subsequently reached out to RESPEC Company, LLC to complete water quality sufficiency sampling and analysis according to the aforementioned section of the Code and provide an engineering opinion of the analysis.

Section 8.4.7.B.10(a) in the Amended El Paso County Land Development Code (EPC-LDC) requires that the applicant obtain analyses results for twenty-one (21) Volatile Organic Chemical (VOC) Contaminants, twenty-nine (29) Synthetic Organic Chemical Contaminants (SOC), fourteen (14) Inorganic Chemicals, ten (10) Secondary Maximum Contaminants, indicators of bacteriological pathogens (i.e. E. coli), inorganic anions, and two (2) radionuclides. According to Case No. 01CW21, which is included in the Water Resources Report, the proposed three (3) lot subdivision will be supplied with water from the underlying not-non tributary Dawson formations, both of which are considered confined Denver Basin Aquifers. Therefore, according to paragraph two (2) from Section 8.4.7.B.10(a) VOCs and SOCs are not required as part of the stipulated chemical analysis.

On August 27, 2024, representatives with RESPEC Company, LLC sampled an existing Dawson aquifer well located adjacent to the existing property (18412 Black Squirrel Road). The representative Dawson well is located directly north of the existing property at address 18550 Black Squirrel Rd and is permitted under Permit No. 185216 (see attached). Representative aquifer water samples for the well was taken on the 27th of August and overnighted to Colorado Analytical Laboratories to meet specified holding times for certain constituents. Results from all chemical analyses were received by RESPEC via email on September 25, 2024. Results were tabulated and compared vs. primary and secondary Maximum Contaminant Limits as established by the Colorado Department of Public Health and Environment's (CDPHE) latest drinking water standards. From the evaluation, the well was

2700 GAMBELL STREET
SUITE 500
ANCHORAGE, AK 99503
907.743.3200



found to have a low Langelier Index (LI) of -0.88, elevated manganese which is just over the 0.05 mg/L MCL at 0.0614 mg/L, and high in radionuclides. Combined Gross Alpha/Beta was measured at 16.2 PCi/L and Combined Radium 226+228 at 11.1 PCi/L, which were above the MCLs of 15 PCi/L and 5 PCi/L, respectively (please see tabulated results and associated analytical results from Colorado Analytical Laboratories in the enclosure). All other constituents were found to be below respective primary and secondary drinking standards.

As mentioned above, the raw water sampled in the representative Dawson Well was found to have a low LI in the range between -0.5 and -1.0, which can indicate mild corrosion. The LI is calculated using pH, temperature, total dissolved solids, alkalinity, and total hardness. The LI is a measure of the balance between pH and calcium carbonate (CaCO_3). As the LI value becomes more negative, the water is increasingly under-saturated with CaCO_3 and therefore has increased corrosion potential. The well was also found to be high in Manganese. The EPA has a non-enforceable health advisory (HA) limit of 0.3 mg/L for infants younger than 6 months old and a secondary MCL of 0.05 mg/L. Exposure to manganese in drinking water can cause neurological issues in infants and children, such as changes in behavior, lower IQ, speech and memory difficulties, and lack of coordination and movement control. Manganese in drinking water can also cause aesthetic issues such as metallic-tasting water and black stains on tubs/showers, toilets, plumbing fixtures, and laundry. The aquifer water in this location also contains high radionuclides, specifically combined Gross Alpha/Beta and Combined Radium 226+228, which exceeded the Primary Maximum Contaminant Limits (MCL) of the State of Colorado's Drinking Water Standards. Radionuclides can be a byproduct of the presence of uranium, and can be considered a chronic contaminant. This means that it is unlikely that there will be immediate harm to individuals who are immediately exposed to the presence of radium. However, over time, continued exposure to uranium can have detrimental impacts on humans, including the occurrence of certain forms of cancer (especially bone cancer), anemia, cataracts, and fractured teeth.

Given the LI level, RESPEC Company, LLC recommends that the homeowner(s) install PEX piping for the water plumbing to reduce corrosion potential. Regarding manganese removal, it is recommended that a whole house carbon filter, cartridge filter, or reverse osmosis unit is installed for the removal of manganese. That said, given the Combined Gross Alpha/Beta and Combined Radium observed in the well, the RESPEC Company, LLC would recommend the installation of a whole house Reverse Osmosis unit in each residence to remove the elevated levels of radium from the source water. It should be noted that the reverse osmosis unit will generate a concentrated backflow that can be wasted to a septic system. Given the relatively small amounts of concentrated constituents generated by a single residence reverse osmosis unit, on-site septic systems for each household should have the capacity to sufficiently treat the generated wastewater loadings. Therefore, given the manganese and radionuclide amounts, a whole-house reverse osmosis unit is recommended to be installed in each residence.

After reviewing the analytical results, RESPEC Company, LLC does not find cause for concern in utilizing the underlying Dawson Aquifer for public consumption or irrigation uses within the proposed subdivision. However, RESPEC would also recommend that the developer and home builder use PEX piping for protection from corrosion and provide a whole-house reverse osmosis unit for each household to remove observed Manganese and Radionuclides from the source water. The above opinions are RESPEC's recommendations for additional treatment within the proposed residences to bring the source water into compliance with established Colorado Drinking Water Standards.



Should the El Paso County Planning and Development Department have any additional comments, questions, or concerns please do not hesitate to contact Brian "BJ" Elkins, P.E. with RESPEC Company, LLC at 719-283-7674 or at brian.elkins@respec.com.

Sincerely,

Brian L. Elkins Jr., P.E.
Project Engineer

BLE

Enclosure: El Paso County Parcel #5114000019 with vicinity map.
DWR Permit No. 185216
Tabulated Water Quality Sufficiency Results from August 27, 2024 Sample Trip to 18550 Black Squirrel Rd
Analytical Results from Colorado Analytical, Task No.: 240828085 – Langoliers
Analytical Results from Colorado Analytical, Task No.: 240828085 – Chemical Constituents
Analytical Report from Haxen, Task No.: 240828086 – Radiological

cc: Project Central File: W0265.24029.001 — Category: External Letter

EL PASO COUNTY - COLORADO5114000019
BLACK SQUIRREL RDTotal Market Value
\$448,600**OVERVIEW**

Owner:	CHRIS TEAM LIVING TRUST
Mailing Address:	6275 MONTARBOR DR COLORADO SPRINGS CO, 80918-4874
Location:	BLACK SQUIRREL RD
Tax Status:	Taxable
Zoning:	RR-5
Plat No:	-
Legal Description:	N2NW4NE4, EX PT TO CO BY BK 2636-733 SUBJ TO R/W EASEMENT AS DES IN BK 2454-753 SEC 14-11-65

MARKET & ASSESSMENT DETAILS

	Market Value	Assessed Value
Land	\$448,600	\$125,160
Improvement	\$0	\$0
Total	\$448,600	\$125,160

No buildings to show.

LAND DETAILS

Sequence Number	Land Use	Assessment Rate	Area	Market Value
1	VACANT LAND, 10.0 TO 34.99	27.900	19.39 Acres	\$448,600

SALES HISTORY

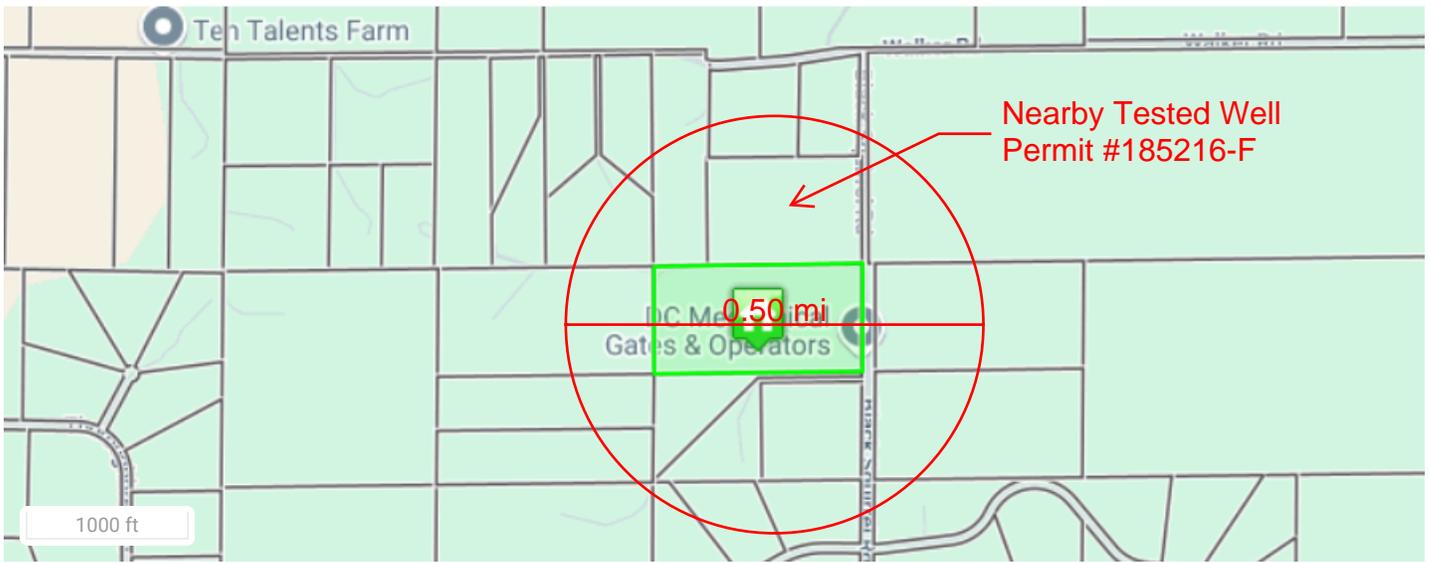
	Sale Date	Sale Price	Sale Type	Reception
+	04/19/2018	\$0	-	218044100
+	04/19/2018	\$0	-	218044022
+	04/19/2018	\$0	-	218044006
	07/01/1973	\$0	-	-

TAX ENTITY AND LEVY INFORMATION

County Treasurer Tax Information

Tax Area Code: **SCW** Levy Year: **2023** Mill Levy: **70.716**

Taxing Entity	Levy	Contact Name/Organization	Contact Phone
EL PASO COUNTY	6.862	FINANCIAL SERVICES	(719)520-6400
EPC ROAD & BRIDGE (UNSHARED)	0.330	-	(719)520-6498
EL PASO COUNTY SCHOOL DISTRICT #49	45.577	DAVID TRAUTENBERG	(719)495-1145
PIKES PEAK LIBRARY DISTRICT	3.061	RANDALL A GREEN	(719)531-6333
FALCON FIRE PROTECTION DISTRICT	14.886	TRENT HARWIG	(719)495-4050
KIOWA CONSERVATION DISTRICT	0.000	PAM BREWSTER	(303)621-2070



No Photo Available



Disclaimer

We have made a good-faith effort to provide you with the most recent and most accurate information available. However, if you need to use this information in any legal or official venue, you will need to obtain official copies from the Assessor's Office. Do be aware that this data is subject to change on a daily basis. If you believe that any of this information is incorrect, please call us at (719) 520-6600.



ORIGINAL PERMIT APPLICANT(S)

NASBY DONALD & JEANETTE

APPROVED WELL LOCATION

Water Division: 1 Water District: 1
 Designated Basin: KIOWA-BIJOU
 Management District: N/A
 County: EL PASO
 Parcel Name: N/A
 Physical Address: 18550 BLACK SQUIRREL ROAD
 COLORADO SPRINGS, CO 80908
 SW 1/4 SE 1/4 Section 11 Township 11.0 S Range 65.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone:13, NAD83)

Easting: 531768.9 Northing: 4328086.4

See the original well permit file for permit conditions of approval and additional details. The original permit file can be viewed using the Well Permit Search Tool at <https://dwr.colorado.gov/>

See Original Permit

Date Issued: 3/6/1995

Expiration Date: 3/6/1997

Issued By _____

PERMIT HISTORY

- 06-18-2024 CHANGE IN OWNER NAME/MAILING ADDRESS. CHANGED TO DANNIELLE VOTH
- 06-18-2024 CHANGE IN OWNER NAME/MAILING ADDRESS. CHANGED TO GEOFFREY PICKETT
- 08-18-1995 CHANGE IN OWNER NAME/MAILING ADDRESS

FORM. NO. GWS-32 10/84	PUMP INSTALLATION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	For Office Use only <div style="text-align: center; font-size: 24px; font-weight: bold;">RECEIVED</div> <div style="text-align: center; font-size: 20px; font-weight: bold;">JAN 12 '96</div> <div style="text-align: center; font-size: 10px; font-weight: bold;">WATER RESOURCES STATE ENGINEER 6800</div>
1. WELL PERMIT NUMBER <u>185216</u>		
2. OWNER NAME(S) <u>Don Nassby</u> Mailing Address <u>4737 Daybreak Cir</u> City, St. Zip <u>Co Springs Co 80917</u> Phone (719) <u>597-0417</u>		
3. WELL LOCATION AS DRILLED: <u>SW 1/4 SE 1/4, Sec. 11 Twp. 11 S, Range 65 W</u> DISTANCES FROM SEC. LINES: <u>430</u> ft. from <u>South</u> Sec. line. and <u>1920</u> ft. from <u>1920</u> Sec. line. <small>(north or south) (east or west)</small> SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____ STREET ADDRESS AT WELL LOCATION: _____		
4. PUMP DATA: Type <u>Sub</u> Installation Completed <u>Jan 10 1996</u> Pump Manufacturer <u>Red Jacket</u> Pump Model No. <u>100CNS14 BC</u> Design GPM <u>10</u> at RPM <u>3450</u> , HP <u>1</u> , Volts <u>230</u> , Full Load Amps <u>10</u> Pump Intake Depth <u>247</u> Feet, Drop/Column Pipe Size <u>1</u> Inches, Kind <u>PVC</u> ADDITIONAL INFORMATION FOR PUMPS GREATER THAT 50 GPM: TURBINE DRIVER TYPE: <input type="checkbox"/> Electric <input type="checkbox"/> Engine <input type="checkbox"/> Other _____ Design Head _____ feet, Number of Stages _____, Shaft size _____ inches.		
5. OTHER EQUIPMENT: Airline Installed <input type="checkbox"/> Yes <input type="checkbox"/> No, Orifice Depth ft. _____ Monitor Tube Installed <input type="checkbox"/> Yes <input type="checkbox"/> No, Depth ft. _____ Flow Meter Mfg. _____ Meter Serial No. _____ Meter Readout <input type="checkbox"/> Gallons, <input type="checkbox"/> Thousand Gallons, <input type="checkbox"/> Acre feet, <input type="checkbox"/> Beginning Reading _____		
6. TEST DATA: <input type="checkbox"/> Check box if Test data is submitted on Supplemental Form. Date <u>Jan 10 1996</u> Total Well Depth <u>337</u> Time _____ Static Level <u>130</u> Rate (GPM) <u>12</u> Date Measured <u>Aug 9 1995</u> Pumping Lvl. <u>220</u>		
7. DISINFECTION: Type <u>HTH</u> Amt. Used <u>1/2 CUP</u>		
8. Water Quality analysis available. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
9. Remarks _____ _____ _____ _____		
10. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]		
CONTRACTOR <u>Hamacher Well Works Inc</u> Phone (719) <u>541-2460</u> Lic. No. <u>71</u> Mailing Address <u>Box 86 Simla Co 80835</u>		
Name/Title (Please type or print) <u>T.R. Hamacher</u>	Signature 	Date <u>Jan 1996</u>

WELL CONSTRUCTION AND TEST REPORT
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

1. WELL PERMIT NUMBER 185216

RECEIVED

2. OWNER NAME(S) Don Nassby
Mailing Address 4737 Daybreak Cir
City, St. Zip Co Springs Co 80917
Phone (719) 5970417

AUG 14 '95

WATER RESOURCES
STATE ENGINEER

3. WELL LOCATION AS DRILLED: SW 1/4 SE 1/4, Sec. 11 Twp. 11 S, Range 65 W
DISTANCES FROM SEC. LINES:
430 ft. from South Sec. line. and 1920 ft. from East Sec. line. OR
(north or south) (east or west)
SUBDIVISION: _____ LOT _____ BLOCK _____ FILING(UNIT) _____
STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Rotary
DATE COMPLETED Aug 9 1995 TOTAL DEPTH 337 ft. DEPTH COMPLETED 337 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-7	Brown Clay
7-21	Yellow Clay
21-41	Sand & Clay
41-330	Sand & Gravel
330-337	Blue Clay

6. HOLE DIAM. (in.)

From (ft)	To (ft)
8 5/8	0
6 1/2	21
	337

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
6 5/8	Steel	188	+1	21
4 1/2	PVC	1/2	17	217
4 1/2	PVC	1/2	237	257
4 1/2	PVC	1/2	277	297
PERF. CASING: Screen Slot Size: 20th				
4 1/2	PVC	1/2	217	237
4 1/2	PVC	1/2	257	277
4 1/2	PVC	1/2	297	337

8. FILTER PACK:
Material Silica Sand
Size 8-12
Interval 210-337

9. PACKER PLACEMENT:
Type _____
Depth _____

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Cemented	20 Gal	1.73	0-20	Poured
Cemented	20 Gal	1.73	190-210	Pumped

Global Vibrator Tremmie Pipe

REMARKS: _____

11. DISINFECTION: Type HTH Amt. Used 1/2 Cup

12. WELL TEST DATA: Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test.
TESTING METHOD Aired and Bailed
Static Level 130 ft. Date/Time measured Aug 9 1995 Production Rate 15 gpm.
Pumping level 250 ft. Date/Time measured Aug 9 1995 Test length (hrs.) 4
Remarks _____

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR Hamacher Well Works Inc Phone (719) 541-2460 Lic. No. 71
Mailing Address Box 86 Simla Co 80835

Name/Title (Please type or print) T.R. Hamacher Signature J.R. Hamacher Date Aug 10 1995

FORM NO. GWS-11 07/93

STATE OF COLORADO
OFFICE OF THE STATE ENGINEER
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

For Office Use only

PRIOR TO COMPLETING FORM, SEE INSTRUCTIONS ON REVERSE SIDE

CHANGE IN OWNERSHIP/ADDRESS / LOCATION

WELL PERMIT, LIVESTOCK TANK OR EROSION CONTROL DAM

RECEIVED
JUN 15 1995
WATER RESOURCES
STATE ENGINEER
COLO.

1. NEW OWNER

NAME(S) DONALD & JEANETTE NASBY
Mailing Address 4737 DAYBREAK CIRCLE
City, St. Zip COLORADO SPRINGS, COLORADO 80917
Phone (719) 597-0417

2. THIS CHANGE IS FOR ONE OF THE FOLLOWING:

- WELL PERMIT NUMBER 185216
- LIVESTOCK WATER TANK NUMBER
- EROSION CONTROL DAM NUMBER

3. WELL LOCATION: COUNTY EL PASO OWNER'S WELL DESIGNATION ONLY WELL
10550 BLACK SQUIRREL RD COLORADO SPRINGS CO 80917
(Address) (City) (State) (Zip)
SW 1/4 of the SE 1/4, Sec. 11 Twp. 11 N. or S., Range 65 E. or W. 6th P.M.
 Distances from Section Lines 430 Ft. from N. or S. Line, 1920 Ft. from E. or W. Line.
 Subdivision N/A Lot _____ Block _____ Filing (Unit) _____

4. LIVESTOCK TANK OR EROSION CONTROL DAM LOCATION: COUNTY _____
 _____ 1/4, Sec. _____ Twp. _____ N. or S., Range _____ E. or W. _____ P.M.

5. The above listed owner(s) say(s) that he (they) own the structure described herein.
 The existing record is being amended for the following reason(s):
 Change in name of owner. Change in mailing address. Correction of location.

6. I (we) have read the statements made herein, know the contents thereof, and state that they are true to my (our) knowledge.
 [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

Name/Title (Please type or print)

Signature

Date

Donald & Jeanette M. Nasby

June 14, 1995

FOR OFFICE USE ONLY

ACCEPTED AS A CHANGE IN OWNERSHIP AND/OR MAILING ADDRESS.

Hal D. Simpson

Sandra Johnson

AUG 18 1995

State Engineer _____ By _____ Date _____
 Court Case No. _____ Div. 8 Co. 21 WD 01 Basin 02 MD _____ Use _____

Form No. GWS-25

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

LIC

WELL PERMIT NUMBER	185216
DIV. 8	CNTY. 21
WD 1	DES. BASIN 2
	MD

APPLICANT

Lot: Block: Filing: Subdiv:

JANNIE YEE
% ANDY COOK RAWHIDE CO
5160 N UNION BLVD
COLO SPRINGS CO 80918

(719)599-0980

PERMIT TO CONSTRUCT A WELL

APPROVED WELL LOCATION
EL PASO COUNTY

SW 1/4 SE 1/4 Section 11
Twp 11 S RANGE 65 W 6th P.M.

DISTANCES FROM SECTION LINES

430 Ft. from South Section Line
1920 Ft. from East Section Line

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 the permit does not assure the applicant 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 and Pump Installation 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 17.
- 3) Approved pursuant to CRS 37-90-105.
- 4) Water from this well may be used for domestic purposes inside one (1) single family dwelling.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The annual appropriation shall not exceed 3 acre-feet.
- 7) The irrigated area shall not exceed 1 acre of lawn and garden.
- 8) Production is limited to the Dawson aquifer. Plain casing must be installed and sealed from ground surface to minimum depth of 210 feet to prevent diversion of water from other zones. The depth of the well shall not exceed 1,090 feet, which is the estimated base of the Dawson aquifer.
- 9) This well must be constructed within 300 feet of the location specified on this permit.

JWB. 3/2/95

APPROVED
JWB

Hal D. Simpson
State Engineer

Receipt No. 0380142

DATE ISSUED **MAR 06 1995**

By *John W. Bilius*
EXPIRATION DATE **MAR 06 1997**

COLORADO DIVISION OF WATER RESOURCES
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

RECEIVED

FEB 15 '95

WATER RESOURCES
STATE ENGINEER
COLO

Noted X
OK
top
510

PERMIT APPLICATION FORM

RECEIVED

JAN 23 '95

WATER RESOURCES
STATE ENGINEER
COLO

Application must be complete where applicable. Type or print in **BLACK INK**. No overstrikes or erasures unless initialed.

- (X) A PERMIT TO USE GROUND WATER
- (X) A PERMIT TO CONSTRUCT A WELL
- FOR: (X) A PERMIT TO INSTALL A PUMP

- () REPLACEMENT FOR NO. _____
- () OTHER _____
- WATER COURT CASE NO. _____

7465'

(1) APPLICANT - mailing address

NAME JANNIE YEE
 STREET % ANDY COOK, RAWHIDE CAMP
5160 NORTH CANYON BLVD
 CITY Sub. Springs, CO 80918
 (State) (Zip)
 TELEPHONE NO. (717) 599-0900

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 380142 / JWB
 Basin 02 Dist. _____

CONDITIONS OF APPROVAL

This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant 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.

U/L - 147957; 147960; 15325
 147957 147960 15325
 147957 147960 15325

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(2) LOCATION OF PROPOSED WELL

County EL PASO
SW 1/4 of the SE 1/4, Section 11
 Twp. 11 S, Rng. 65 W, 6TH P.M.
 (N.S) (E.W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
 Average annual amount of ground water to be appropriated (acre-feet): 3
 Number of acres to be irrigated: 1
 Proposed total depth (feet): 350
 Aquifer ground water is to be obtained from:
DAWSON AQUIFER

15 GPM
 3 AF
 1 AC IRR

Owner's well designation _____

GROUND WATER TO BE USED FOR:

- () HOUSEHOLD USE ONLY - no irrigation (0)
- (X) DOMESTIC (1) () INDUSTRIAL (5)
- () LIVESTOCK (2) () IRRIGATION (6)
- () COMMERCIAL (4) () MUNICIPAL (8)
- () OTHER (9) _____

Best Copy Available

APPLICATION APPROVED

PERMIT NUMBER _____

DATE ISSUED _____

EXPIRATION DATE _____

CHECKS TRN380142 012395 60.00
 DIV OF WATER RESOURCES
 (STATE ENGINEER)

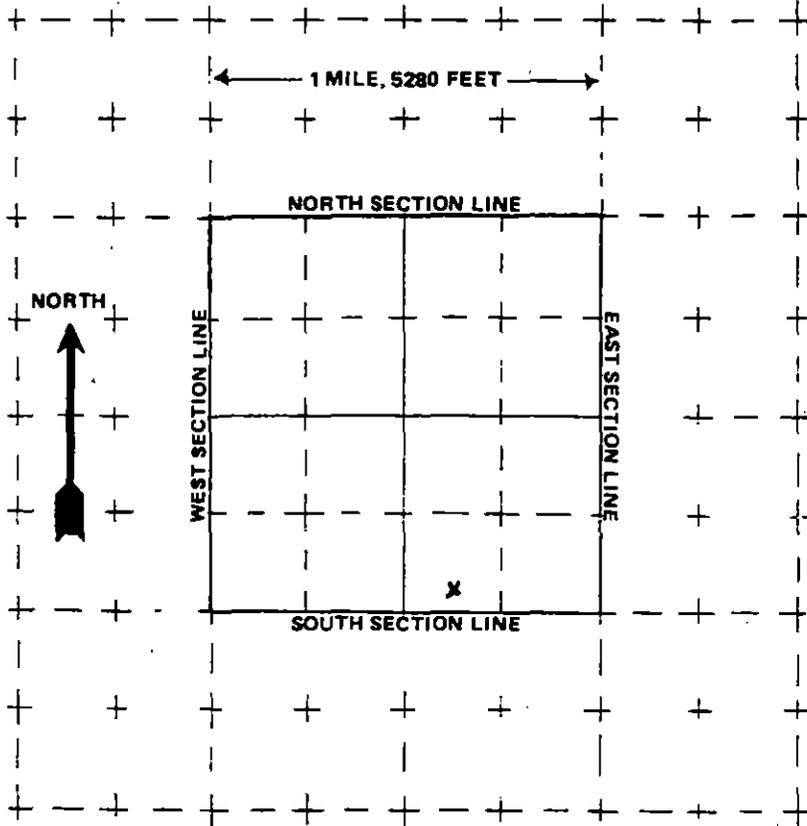
BY _____

I.D. 8 COUNTY 20-01

(4) DRILLER

Name LICENSED
 Street _____
 City _____ (State) (Zip)
 Telephone No. _____ Lic. No. _____

(5) THE LOCATION OF THE PROPOSED WELL and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile
Each small square represents 40 acres.

WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep
1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm)
A family of 5 will require approximately 1 acre-foot of water per year.
1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
1,000 gpm pumped continuously for one day produces 4.42 acre-feet.

(6) THE WELL MUST BE LOCATED BELOW by distances from section lines.

430 ft. from SOUTH sec. line
(north or south)

1920 ft. from EAST sec. line
(east or west)

LOT - BLOCK - FILING # -

SUBDIVISION -

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: J. YEE

No. of acres 14.39 Will this be the only well on this tract? YES

(8) PROPOSED CASING PROGRAM

Plain Casing

(IRON) 6 in. from +1 ft. to 20 ft.

5 in. from 10 ft. to 100 ft.

Perforated casing

5 in. from 100 ft. to 350 ft.

- in. from - ft. to - ft.

(9) FOR REPLACEMENT WELLS give distance and direction from old well and plans for plugging it:

N/A

(10) LAND ON WHICH GROUND WATER WILL BE USED:

Owner(s): JANNIE YEE No. of acres: 14.39

Legal description: TWENTY OF THE SW 1/4 OF THE SE 1/4 OF SEC 11-11-65 EXCEPT THE W 1/2 OF THE W 1/2

(11) DETAILED DESCRIPTION of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

DOMESTIC USES FOR ONE SINGLE FAMILY DWELLING AND OUTBUILD IRRIGATION OF UP TO ONE ACRE OF LAWN AND GARDEN WATERING OF OWNER'S NO COMMERCIAL DOMESTIC ANIMALS. RETURN FLOW VIA CLOSED SEPTIC AND LEACH P

(12) OTHER WATER RIGHTS used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right	Used for (purpose)	Description of land on which used
<u>N/A</u>		

(13) THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.

[Signature]
SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: YEE RECEIPT NO. 380142
 LOCATION: SW1/4 OF SE1/4 OF SEC. 11, T.11S., R.65W. (430 SSL, 1920 ESL) ✓
 LOCATION IS WITHIN THE KIOWA BIJOU DESIGNATED GROUND WATER BASIN
 PROPOSED AQUIFER:
 SURFACE ELEVATION: 7465 NUMBER OF ACRES IN TRACT: 14.39

 IS PROPERTY WITHIN SERVICE BOUNDARIES OF MUNICIPALITY S.B.5 CONSENT MAPS? NO ___ YES ___
 IF SUBDIVISION IS UNDER AUGMENTATION PLAN, CASE NO. IS _____, DIV. ____
 IF SUBDIVISION WAS RECOMMENDED FOR APPROVAL BY THE WATER MANAGEMENT BRANCH, DATE OF LETTER IS _____
 INFORMATION ON SUBDIVISION OR TRACT OF LAND/SPECIAL RESTRICTIONS:

 evaluated by JWB on FEBRUARY 8, 1995

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	6374	7255	440	1091	210	12.663	NNT
LOWER DAWSON	-----	-----	-----	-----	-----	-----	---
DENVER	5505	6327	346	1960	1138	8.464	NT
UPPER ARAPAHOE	4942	5462	271	2523	2003	6.605	NT
LOWER ARAPAHOE	-----	-----	-----	-----	-----	-----	---
LARAMIE-FOX HILLS	4311	4648	191	3154	2817	4.101	NT

note: E indicates location is at aquifer boundary and values may be more approximate.
 * indicates the proposed aquifer.

All values are interpolated from the S.B.5 data base assembled in November of 1986.

RECEIVED

JAN 23 '95

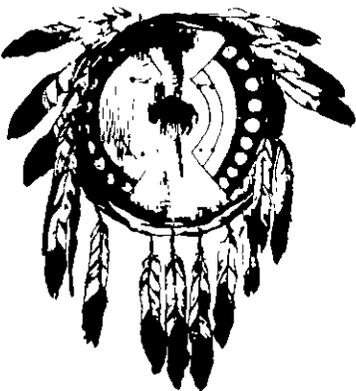
WALKER RESOURCE
GROUP COMPANY
CORP.

Rick

Thank you for all of the help on the well. Hope all of this information is what you need!

Nice talking to you -

Jeanette Masby



The Rawhide Company

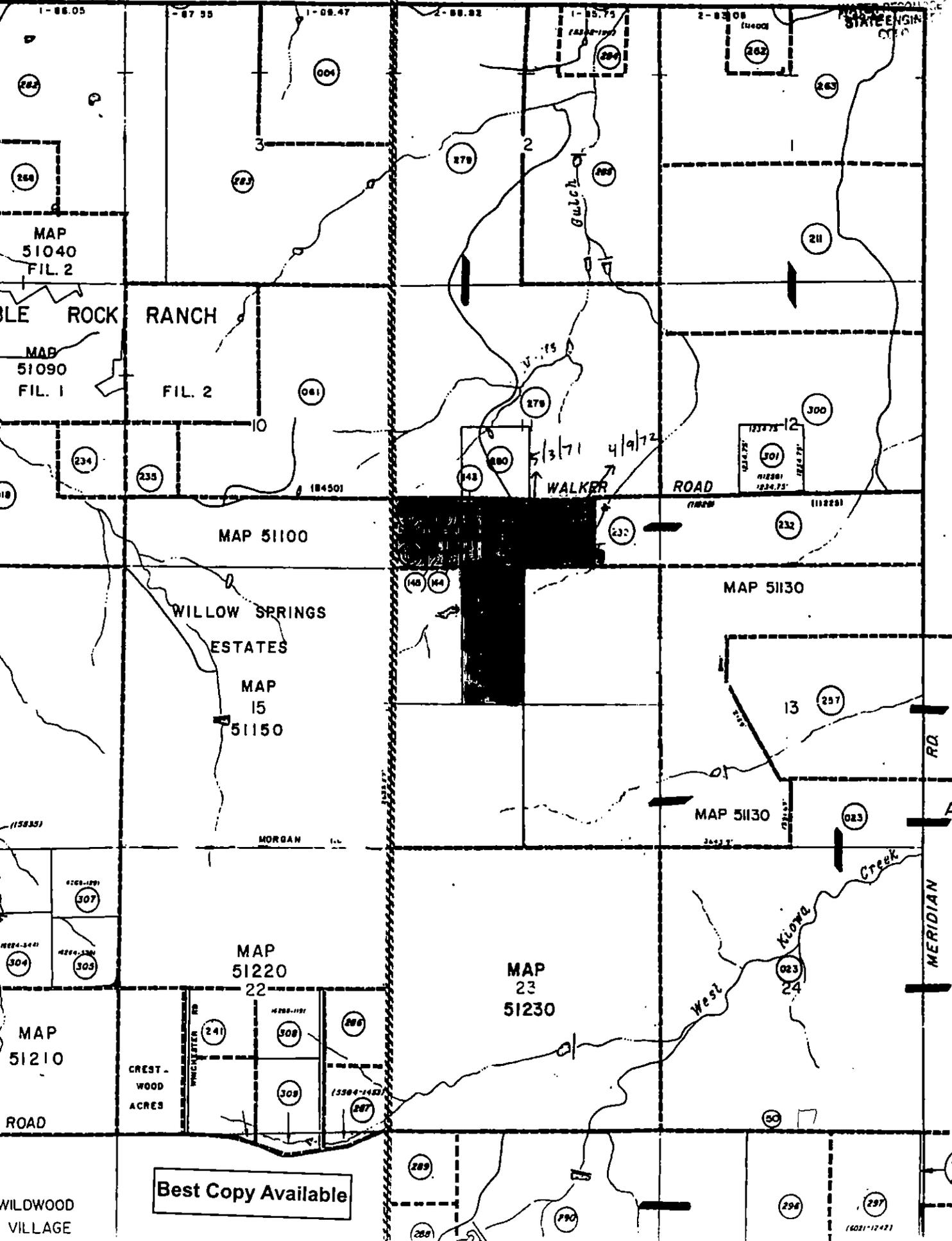


5160 NORTH UNION BLVD., COLORADO SPRINGS, CO 80918-2046
PHONE: SALES (719) 598-3198
FINANCIAL SERVICES (719) 599-0900

ADJOINING
 TY ELBERT COUNTY
 NE ROAD DIST. 38 DIST. 48

RECEIVED

JAN 23 '95



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Best Copy Available

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RECEIVED

JAN 23 '95

WATER RESOURCES
STATE ENGINEER
TRC

Filed for record this 23rd day of February 1968 A. D. 1968
Reception No. 589321

This Deed, Made this 23rd day of February In the year of our Lord

one thousand nine hundred and sixty-eight between
EDGAR ELWOOD HIATT and DORIS MAY HIATT
of the County of El Paso and State of Colorado, of the first part, and
F. R. POTTER
of the County of El Paso and State of Colorado, of the second part:

Witnesseth, That the said parties of the first part, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to the said part of the first part in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have granted, bargained, sold and conveyed, and by these presents do grant, bargain, sell, convey and confirm unto the said party of the second part, his heirs and assigns forever, all the following described lot or parcel of land, situated, lying and being in the County of El Paso and State of Colorado, to-wit:

An undivided one-half (1/2) interest in and to the East half of the Northwest quarter of Section 14; the South half of the Southwest quarter and the Southwest quarter of the Southeast quarter of Section 11, all in Township 11 South, Range 65 West of the 6th P.M.,

Subject to rights of way, easements and restrictions of record.

STATE DOCUMENT FEE

FEB 23 1968

PROPERTY
TRANSFERRED
BY THIS
DEED IS
HIGHLIGHTED.

Together With all and singular the hereditaments and appurtenances thereto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said part of the first part, either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances.

To Have and To Hold The said premises above bargained and described, with the appurtenances, unto the said party of the second part, his heirs and assigns forever. And the said parties of the first part, for themselves, their heirs, executors, and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, his heirs and assigns, that at the time of the executing and delivery of these presents, they are well seized of the premises above conveyed, as of good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and have good right, full power and lawful authority to grant, bargain, sell and convey the same in manner and form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of whatever kind or nature aforesaid except general taxes for the year 1968, which party of the second part hereby assumes and agrees to pay.

and the above bargained premises, in the quiet and peaceable possession of the said party of the second part his heirs and assigns, against all and every person or persons lawfully claiming or to claim the whole or any part thereof, the said part of the first part shall and will Warrant and Forever Defend.

In Witness Whereof, The said parties of the first part have hereunto set their hands and seal this day and year first above written.

Signed, Sealed and Delivered in Presence of

Edgar Elwood Hiatt
Doris May Hiatt

Adrian Arday

STATE OF COLORADO,
County of El Paso } ss. The foregoing instrument was
acknowledged before me this 23rd day of February, 1968,
by Edgar Elwood Hiatt and Doris May Hiatt.
Witness my hand and official seal.
My commission expires My Commission Expires June 30, 1968

[Notary Seal]

If acting in representative or official capacity, insert name and capacity.

Best Copy Available

JUN 28 1971

Filed for record the _____ day of _____ A. D. 19 _____
No. 810812

[Signature]

BOOK 2418 PAGE 463

HARRIET BEALS RECORDED

Warranty Deed

Know all Men by these Presents, That F. R. POTTER

of the County of El Paso and State of Colorado for the consideration of One Dollar and other good and valuable considerations, in hand paid, hereby sell and convey to RAWLANCO, INC., a Colorado Corporation

of the County of El Paso and State of Colorado, the following Real Property situate in the County of El Paso and State of Colorado, to-wit:

The Southeast 1/4 of the Southwest 1/4 of the Southwest 1/4, and the Southeast 1/4 of the Southwest 1/4, and the West 1/4 of the West 1/4 of the Southwest 1/4 of the Southeast 1/4, all in Section 11; and the Northeast 1/4 of the Northwest 1/4 of Section 14, all in Township 11 South, Range 65 West of the 6th P.M.

RECEIVED

JAN 23 '95

WATER RESOURCES STATE ENGINEER COLORADO

PARCEL A

STATE ENGINEER FEE
JUN 28 1971
5.70

with all its appurtenances and warrant(s) the title to the same, subject to covenants, reservations and restrictions of record.

Signed and delivered this 3rd day of May 1971

[Signature]
F. R. POTTER

STATE OF COLORADO } ss. The foregoing instrument was acknowledged before me
County of EL PASO }
this 3rd day of May, 1971
by F. R. Potter



[Signature]
NOTARY PUBLIC

STATE OF COLORADO } ss. The foregoing instrument was acknowledged before me
County of El Paso }
this _____ day of _____ 19____
by _____ ss. _____ President
and _____ ss. _____ Secretary of
a corporation.

Witness my hand and official seal.
My commission expires _____

NOTARY PUBLIC

[Handwritten] After Andy

Best Copy Available

APR 11 1972

BOOK 2480 PAGE 813

Filed for record the _____ day of _____ 1972
No. 877106 HARRIET BEALS

Warranty Deed

Know all Men by these Presents, That F. R. Potter

of the County of El Paso and State of Colorado, for the consideration of One Dollar and other good and valuable considerations, in hand paid, hereby sell and convey to Paul Yee and Jannie Yee

of the County of _____ and State of Colorado, "in Joint Tenancy", the following Real Property situate in the County of El Paso and State of _____

The North 1/4 of the Southwest 1/4 of the Southeast 1/4 of Section 11 in Township 11 South, Range 65 West of the 6th P.M., Except the West 1/4 of the West 1/4 thereof

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JAN 23 '95

WATER RESOURCES
STATE ENGINEER
COLORADO

PARCEL
B

STATE DOCUMENTARY

APR 11 1972

FEE \$ 98

with all its appurtenances and warrant(s) the title to the same, subject to real property taxes for 1972, payable in 1973, and to covenant, conditions, restrictions, reservations, easements and rights of way of record.

Signed and delivered this 9th day of April, 1972

F. R. Potter *F. R. Potter*

STATE OF Colorado } ss. The foregoing instrument was acknowledged before me
County of El Paso }
this 9th day of April
by F. R. Potter

Witness my hand and official seal.
My commission expires July 19, 1975



STATE OF _____ } ss. The foregoing instrument was acknowledged before me
County of _____ }
this _____ day of _____, 19____
by _____ as _____ President
and _____ as _____ Secretary of
a corporation.

Witness my hand and official seal.
My commission expires _____

NOTARY PUBLIC

Best Copy Available

Attn: Andy

Doc 984

MAR 13 1973

BOOK 2568 PAGE 810

FILED for record the _____ day of _____ A. D. 19 _____
No. 964834 HARRIET BEALS RECORDER

Warranty Deed

Know all Men by these Presents, That F. R. Potter

of the County of El Paso and State of Colorado, for the consideration of One Dollar and other good and valuable considerations, in hand paid, hereby sell and convey to Paul Yee and Jannie Yee

of the County of _____ and State of Colorado whose mailing address is _____

the following Real Property situate in the County of El Paso and State of Colorado, (Assessor's Schedule Number Portion of 51000-00-141) to-wit:

The South $\frac{1}{2}$ of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 11 in Township 11 South, Range 65 West of the 6th P.M., excepting therefrom the West $\frac{1}{4}$ of the West $\frac{1}{4}$ thereof.

STATE DOCUMENTARY

MAR 13 1973

FEE \$: 83

RECEIVED

JAN 23 '95

WATER RESOURCE
STATE ENGINEER
COURT

SUBJECT

with all its appurtenances and warrant(s) the title to the same, subject to real property taxes for 1972, payable in 1973; also subject to covenants, conditions, restrictions, reservations, easements, rights and rights-of-way of record.

Signed and delivered this 8th day of October 1972

F. R. Potter
F. R. Potter

STATE OF COLORADO } as The foregoing instrument was acknowledged before me
County of El Paso }
this 8th day of October 1972
by F. R. Potter

Witness my hand and official seal.
My commission expires July 19, 1975



STATE OF _____ } as The foregoing instrument was acknowledged before me
County of _____ }
this _____ day of _____
by _____ as _____ President
and _____ as _____ Secretary of
a corporation.

Witness my hand and official seal.
My commission expires _____

NOTARY PUBLIC

Best Copy Available

16-94
224

STATE OF COLORADO

OFFICE OF THE STATE ENGINEER
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 818
Denver, Colorado 80203
Phone (303) 866-3581
FAX (303) 866-3589

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FEB 15 '95

**WATER RESOURCES
STATE ENGINEER
OFFICE**



Roy Romer
Governor

James S. Lochhead
Executive Director

Hal D. Simpson
State Engineer

TO: Jannie Yee c/o Andy Cook
RECEIPT NO.: 380142

FROM: John W. Bilisoly
DATE: February 9, 1995

JWB

Your application for a permit to construct a well is being returned for the reason(s) listed below. The amendments and/or additional information or documentation requested is required before we can proceed with the evaluation of your application.

All amendments made to the application must be typed or printed in **BLACK INK**. Please **initial and date all amendments made then return the application and all attachments to this office**. If you have any questions, feel free to contact this office.

In reviewing our records, we find that a permit has already been issued and a well drilled on this parcel. The permit was issued on February 28, 1989, to Svend and Donna Lee Nicolaisen under Permit No. 153518. A copy of the permit file is enclosed for your reference. The well was actually constructed under Permit No. 147960, which expired because evidence of beneficial use of the water was not received by this office before the expiration date of the permit. Permit No. 153518 was then issued to validate the well.

If you wish to withdraw the application, please advised us in writing. The \$60 filing fee is a processing fee, and is nonrefundable.

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FEB 15 '95

WATER RESOURCES
STATE ENGINEER
COLORADO

February 14, 1995

Mr. John Bilisoly
State of Colorado
Division of Water Resources
1313 Sherman Street Room 818
Denver, Colorado 80203

Re: Well Permit Application Form

Dear Mr. Bilisoly,

In regard to our phone conversation on February 13, 1995, the legal description for the land on which the existing well is located is correct. However, the measurement from the south section line is wrong. It should be at a minimum greater than 660 feet to reflect a location on the N 1/2 of the SW 1/4 of the SE 1/4 of Sec 11-11-65. The indicated tax schedule No.(51000-00-198) is also wrong, it should have been No.51000-00-199.

We are applying for a well permit on the S 1/2 of the SW 1/4 of the SE 1/4 of Sec 11-11-65. We appreciate your time and consideration on this matter and look forward to hearing from you shortly. Thank you.

Sincerely,
The Rawhide Company, REALTORS



Andy Cook
Sales Associate



The Rawhide Company



5160 NORTH UNION BLVD., COLORADO SPRINGS, CO 80918-2046
PHONE: SALES (719) 598-3198
FINANCIAL SERVICES (719) 599-0900

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FEB 15 '95

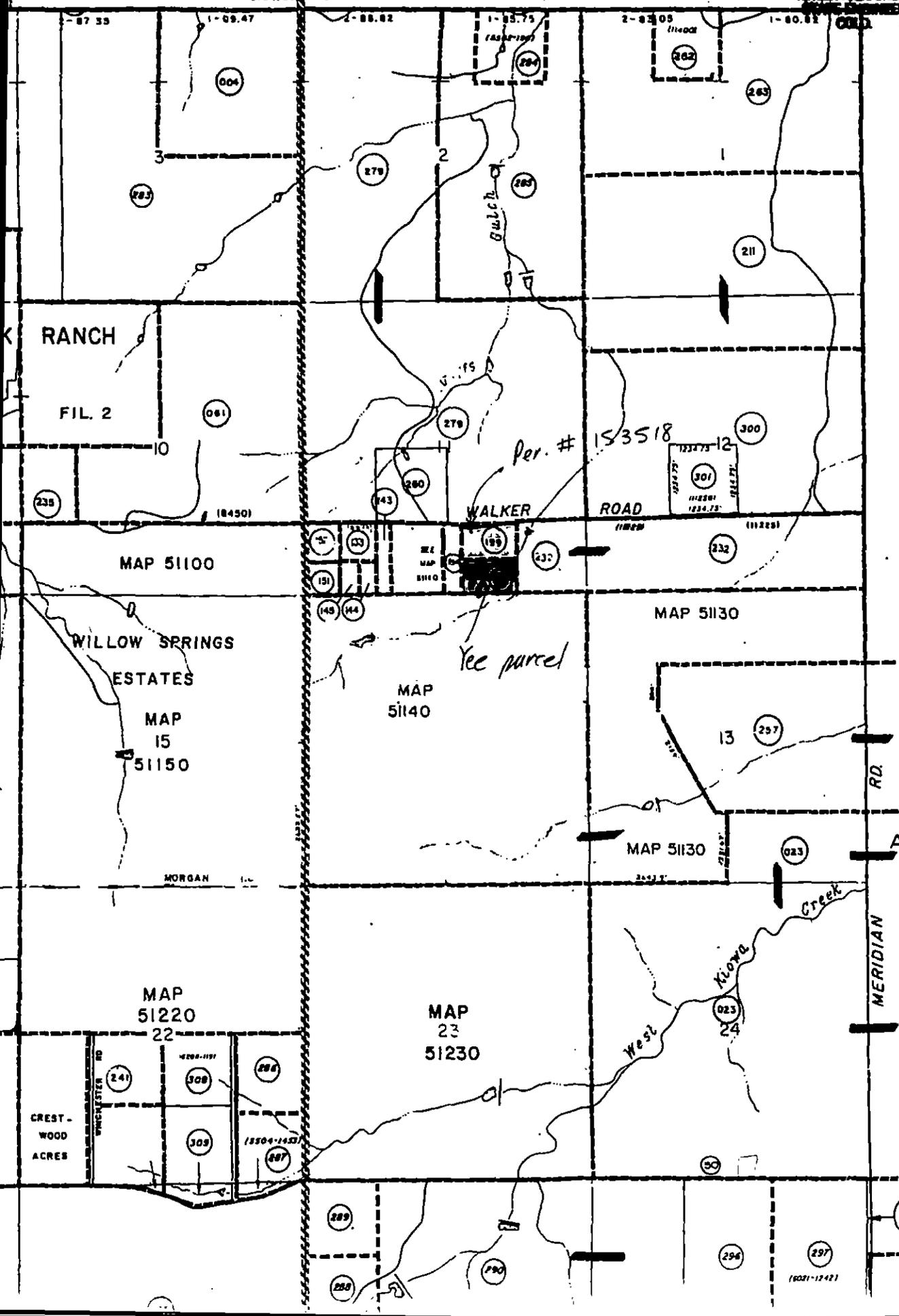


ELBERT COUNTY

DIST. 36 DIST. 48

WATER RESOURCES
STATE ENGINEER

REVISED
6/71
7/72
11/73
11/77
10/75
9/76
10/77
9/78
9/80
9/81
9/82
10/83
12/84
10/85
12/86
12/87



Best Copy Available

*El Paso County Land Development Code
Water Quality Requirements and Results
Dawson Confined Aquifer
Tschamler Property
Well Permit No. 185216-F
18550 Black Squirrel Rd
Sampled - 8/27/24*

No.	Compound	Units	MCL/SMCL	Result	Comment
1	Antimony	mg/l	0.006	0	ND
2	Arsenic	mg/l	0.01	0.001	
3	Barium	mg/l	2	0.0889	
4	Beryllium	mg/l	0.004	0	ND
5	Cadmium	mg/l	0.005	0	ND
6	Chromium	mg/l	0.1	0	ND
7	Cyanide (Total)	mg/l	0	0	ND
8	Fluoride	mg/l	4	0.31	
9	Mercury	mg/l	0.002	0	ND
10	Nitrate as N	mg/l	10	0	ND
11	Nitrite as N	mg/l	1	0	ND
12	Total Nitrate/Nitrite as N	mg/l	10	0	
13	Selenium	mg/l	0.05	0	ND
14	Thallium	mg/l	0.002	0	ND
15	Aluminum	mg/l	0.05	0	ND
16	Chloride	mg/l	250	1.5	
17	Langelier Index			-0.88	Corrosion (<-0.5)
18	Iron	mg/l	0.3	0	ND
19	Manganese	mg/l	0.05	0.0614	
20	pH		6.5 - 8.5	7.36	
21	Silver	mg/l	0.1	0	ND
22	Sulfate	mg/l	250	8.7	
23	TDS	mg/l	500	150	
24	Zinc	mg/l	5	0.004	
25	Gross Alpha/Beta	pCi/l	15	16.2	$\alpha=10.0, \beta=6.2$
26	Combined Radium 226+228	pCi/l	5	11.1	226=3.0, 228=8.1
27	Total Coliform	#/100 ml	Absent	Absent	

Green = Result below MCL - Acceptable Water Quality

Red = Result above MCL - Not acceptable Water Quality

ND = Not Detected

Report To: Brian Elkins Jr.
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Bill To: Accounts Payable
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Task No.: 240828085
Client PO:
Client Project: Tschamler

Date Received: 8/28/24
Date Reported: 9/4/24
Matrix: Water - Drinking

Customer Sample ID Dawson Aquifer
Sample Date/Time: 8/27/24 9:50 AM
Lab Number: 240828085-01

Test	Result	Method	RL	Date Analyzed	QC Batch ID	Analyzed By
Bicarbonate	74.5 mg/L as CaCO3	SM 2320-B	0.2 mg/L as CaCO3	8/29/24	-	KJP
Calcium as CaCO3	61.0 mg/L	EPA 200.7	0.1 mg/L	8/29/24	-	MBN
Carbonate	ND mg/L as CaCO3	SM 2320-B	0.2 mg/L as CaCO3	8/29/24	-	KJP
Hydroxide	ND mg/L as CaCO3	SM 2320-B	0.2 mg/L as CaCO3	8/29/24	-	KJP
Langelier Index	-0.88 units	SM 2330-B	units	9/3/24	-	DPL
pH	7.36 units	SM 4500-H-B	0.01 units	8/28/24	-	Sampler
Temperature	12 °C	SM 4500-H-B	1 °C	8/28/24	-	Sampler
Total Alkalinity	74.5 mg/L as CaCO3	SM 2320-B	4.0 mg/L as CaCO3	8/29/24	QC75872	KJP
Total Dissolved Solids	150 mg/L	SM 2540-C	5 mg/L	8/29/24	QC75851	KRI

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.

Report To: Brian Elkins Jr.
Company: RESPEC Company, LLC

Receive Date: 8/28/24
Project Name: Tschamier

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Total Alkalinity	QC75872	Blank	ND	SM 2320-B	8/29/24
Total Dissolved Solids	QC75851	Blank	ND	SM 2540-C	8/29/24

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Total Alkalinity	QC75872	Duplicate -240827047-01	0 - 20	-	1.7	SM 2320-B
		LCS	90 - 110	102.6	-	
		LCS-2	90 - 110	96.3	-	
Total Dissolved Solids	QC75851	Duplicate -240828131-01	0 - 10	-	3.5	SM 2540-C
		LCS	85 - 115	97.6	-	

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 the wastewater 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.



DATA APPROVED FOR RELEASE BY

Abbreviations/References:

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

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

Drinking Water Chain of Custody



LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

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

Phone: 303-659-2313

www.coloradolab.com

Report To Information		Bill To Information (if different from report to)		Project Information	
Company Name: RESPEC	Contact Name: Peter Clarkson	Company Name: RESPEC	Contact Name: Tisha Moffett	PWSID: _____	System Name: Tschawler
Address: 5540 Tech Center Dr Suite 100	City: Colorado Springs State: CO Zip: 80919	Address: 5540 Tech Center Dr Suite 100	City: Colorado Springs State: CO Zip: 80919	Compliance Samples: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Send Results to CDPHE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Phone: (708) 870-2519	Email: peter.clarkson@respec.com	Phone: (719) 402-0003	Email: tisha.moffett@respec.com	Task Number (Lab Use Only)	
Sample Collector: Peter Clarkson	Sample Collector Phone: (708) 870-2519	PO Number:		CAL Task	240828085
					CJF

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 Carbarnates	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
8/27/14		Dawson Aquifer																										

Instructions: *collection time 9:50 Per bottles for 8/23

Relinquished By: Pet Dan	Date/Time: 8/27/14 10:53	Received By: _____	Date/Time: _____	Delivered Via: UPS	Relinquished By: _____	C/S Charge <input checked="" type="checkbox"/>	Date/Time: _____	Temp. 2 °C / F	Received By: DA	Sample Pres. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Date/Time: 8/28/14
C/S Info: _____				Seals Present Yes <input type="checkbox"/> No <input type="checkbox"/>				Headspace Yes <input type="checkbox"/> No <input type="checkbox"/>			

EPC Confined Aquifer Sampling Requirements

Field Measurements

pH

Temp

Radionuclides

Radium 226 and Radium 228

Gross alpha/Beta

Inorganics

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Cyanide (Total)

Fluoride

Mercury

Nitrate

Nitrite

Selenium

Thallium

Secondary MCLs

Aluminum

Chloride

Corrosivity

Iron

Manganese

Silver

Sulfate

Zinc

TDS

Bacteriological:

Total Coliform

Report To: Brian Elkins Jr.
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Bill To: Accounts Payable
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Task No.: 240828085 **Date Received:** 8/28/24
Client PO: **Date Reported:** 9/4/24
Client Project: Tschamler **Matrix:** Water - Drinking

Customer Sample ID Dawson Aquifer
Sample Date/Time: 8/27/24 9:50 AM
Lab Number: 240828085-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Total Coliform	ND mpn/100ml	Colilert	1 mpn/100ml		8/29/24	-	NRP
Chloride	1.5 mg/L	EPA 300.0	0.1 mg/L	250	8/28/24	QC75822	AMJ
Fluoride	0.31 mg/L	EPA 300.0	0.10 mg/L	4	8/28/24	QC75825	AMJ
Nitrate Nitrogen	ND mg/L	EPA 300.0	0.05 mg/L	10	8/28/24	QC75826	AMJ
Nitrite Nitrogen	ND mg/L	EPA 300.0	0.03 mg/L	1	8/28/24	QC75827	AMJ
Sulfate	8.7 mg/L	EPA 300.0	0.1 mg/L	250	8/28/24	QC75829	AMJ
Cyanide-Total	ND mg/L	EPA 335.4	0.005 mg/L		9/3/24	QC75895	DPL
Total							
Iron	ND mg/L	EPA 200.7	0.005 mg/L	0.3	8/29/24	QC75841	MBN
Aluminum	ND mg/L	EPA 200.8	0.001 mg/L	0.05	8/29/24	QC75844	MBN
Antimony	ND mg/L	EPA 200.8	0.0012 mg/L	0.006	8/29/24	QC75844	MBN
Arsenic	0.0010 mg/L	EPA 200.8	0.0006 mg/L	0.01	8/29/24	QC75844	MBN
Barium	0.0889 mg/L	EPA 200.8	0.0007 mg/L	2	8/29/24	QC75844	MBN
Beryllium	ND mg/L	EPA 200.8	0.0001 mg/L	0.004	8/29/24	QC75844	MBN
Cadmium	ND mg/L	EPA 200.8	0.0001 mg/L	0.005	8/29/24	QC75844	MBN
Chromium	ND mg/L	EPA 200.8	0.0015 mg/L	0.1	8/29/24	QC75844	MBN
Manganese	0.0614 mg/L	EPA 200.8	0.0008 mg/L	0.05	8/29/24	QC75844	MBN
Mercury	ND mg/L	EPA 200.8	0.0001 mg/L	0.002	8/29/24	QC75844	MBN
Selenium	ND mg/L	EPA 200.8	0.0008 mg/L	0.05	8/29/24	QC75844	MBN
Silver	ND mg/L	EPA 200.8	0.0005 mg/L	0.1	8/29/24	QC75844	MBN

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.

Report To: Brian Elkins Jr.
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Bill To: Accounts Payable
Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Task No.: 240828085
Client PO:
Client Project: Tschamler

Date Received: 8/28/24
Date Reported: 9/4/24
Matrix: Water - Drinking

Customer Sample ID Dawson Aquifer
Sample Date/Time: 8/27/24 9:50 AM
Lab Number: 240828085-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
<i>Total</i>							
Thallium	ND mg/L	EPA 200.8	0.0002 mg/L	0.002	8/29/24	QC75844	MBN
Zinc	0.004 mg/L	EPA 200.8	0.001 mg/L	5	8/29/24	QC75844	MBN

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.

Report To: Brian Elkins Jr.
Company: RESPEC Company, LLC

Receive Date: 8/28/24
Project Name: Tschamler

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Chloride	QC75822	Blank	ND	EPA 300.0	8/28/24
Cyanide-Total	QC75895	Blank	ND	EPA 335.4	9/3/24
Fluoride	QC75825	Blank	ND	EPA 300.0	8/28/24
Aluminum	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Antimony	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Arsenic	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Barium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Beryllium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Cadmium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Chromium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Manganese	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Mercury	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Selenium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Silver	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Thallium	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Zinc	QC75844	Method Blank	ND	EPA 200.8	8/28/24
Iron	QC75841	Method Blank	ND	EPA 200.7	8/28/24
Nitrate Nitrogen	QC75826	Blank	ND	EPA 300.0	8/28/24
Nitrite Nitrogen	QC75827	Blank	ND	EPA 300.0	8/28/24
Sulfate	QC75829	Blank	ND	EPA 300.0	8/28/24

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Chloride	QC75822	Duplicate -240827006-01	0 - 20	-	0.1	EPA 300.0
		LCS	90 - 110	103.4	-	
		MS -240827006-01	75 - 125	108.9	-	
Cyanide-Total	QC75895	Duplicate -240828053-03	0 - 20	-	0.0	EPA 335.4
		LCS	90 - 110	89.1	-	
		MS -240828053-03B	75 - 125	96.0	-	
Fluoride	QC75825	Duplicate -240827006-01	0 - 20	-	0.4	EPA 300.0
		LCS	90 - 110	94.4	-	
		MS -240827006-01	75 - 125	96.2	-	
Aluminum	QC75844	LCS	90 - 110	103.0	-	EPA 200.8
		MS -240828044-01	70 - 130	98.8	-	
		MSD -240828044-01	0 - 10	-	9.3	
Antimony	QC75844	LCS	90 - 110	109.0	-	EPA 200.8
		MS -240828044-01	70 - 130	111.0	-	
		MSD -240828044-01	0 - 10	-	1.4	
Arsenic	QC75844	LCS	90 - 110	103.3	-	EPA 200.8
		MS -240828044-01	70 - 130	118.2	-	
		MSD -240828044-01	0 - 10	-	4.3	
Barium	QC75844	LCS	90 - 110	105.6	-	EPA 200.8

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
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 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.

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Beryllium	QC75844	MS -240828044-01	70 - 130	88.3	-	EPA 200.8
		MSD -240828044-01	0 - 10	-	1.8	
		LCS	90 - 110	102.9	-	
		MS -240828044-01	70 - 130	94.0	-	
Cadmium	QC75844	MSD -240828044-01	0 - 10	-	0.4	EPA 200.8
		LCS	90 - 110	103.1	-	
		MS -240828044-01	70 - 130	102.6	-	
		MSD -240828044-01	0 - 10	-	0.0	
Chromium	QC75844	LCS	90 - 110	107.4	-	EPA 200.8
		MS -240828044-01	70 - 130	101.4	-	
		MSD -240828044-01	0 - 10	-	1.0	
		LCS	90 - 110	109.6	-	
Manganese	QC75844	MS -240828044-01	70 - 130	106.9	-	EPA 200.8
		MSD -240828044-01	0 - 10	-	4.3	
		LCS	90 - 110	98.2	-	
		MS -240828044-01	70 - 130	92.3	-	
Mercury	QC75844	MSD -240828044-01	0 - 10	-	0.3	EPA 200.8
		LCS	90 - 110	106.2	-	
		MS -240828044-01	70 - 130	108.3	-	
		MSD -240828044-01	0 - 10	-	2.7	
Silver	QC75844	LCS	90 - 110	97.7	-	EPA 200.8
		MS -240828044-01	70 - 130	77.9	-	
		MSD -240828044-01	0 - 10	-	4.7	
		LCS	90 - 110	102.0	-	
Thallium	QC75844	MS -240828044-01	70 - 130	92.3	-	EPA 200.8
		MSD -240828044-01	0 - 10	-	1.9	
		LCS	90 - 110	94.4	-	
		MS -240828044-01	70 - 130	82.4	-	
Zinc	QC75844	MSD -240828044-01	0 - 10	-	1.3	EPA 200.8
		LCS	90 - 110	94.4	-	
		MS -240828044-01	70 - 130	82.4	-	
		MSD -240828044-01	0 - 10	-	1.3	
Iron	QC75841	Duplicate -240828028-01	0 - 20	-	0.0	EPA 200.7
		LCS	90 - 110	90.9	-	
		MS -240828085-01A	75 - 125	110.9	-	
Nitrate Nitrogen	QC75826	Duplicate -240827006-01	0 - 20	-	0.0	EPA 300.0
		LCS	90 - 110	101.2	-	
		MS -240827006-01	75 - 125	97.1	-	
Nitrite Nitrogen	QC75827	Duplicate -240827006-01	0 - 20	-	0.0	EPA 300.0
		LCS	90 - 110	97.9	-	
		MS -240827006-01	75 - 125	93.6	-	
Sulfate	QC75829	Duplicate -240827006-01	0 - 20	-	0.9	EPA 300.0
		LCS	90 - 110	101.4	-	
		MS -240827006-01	75 - 125	109.0	-	

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 the wastewater 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.



DATA APPROVED FOR RELEASE BY

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
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 ND = Not Detected at Reporting Limit.

EPC Confined Aquifer Sampling Requirements

Field Measurements

pH
Temp

Radionuclides

Radium 226 and Radium 228
Gross alpha/Beta

Inorganics

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cyanide (Total)
Fluoride
Mercury
Nitrate
Nitrite
Selenium
Thallium

Secondary MCLs

Aluminum
Chloride
Corrosivity
Iron
Manganese
Silver
Sulfate
Zinc
TDS

Bacteriological:

Total Coliform



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

Lab Control ID: 24H02719
Received: Aug 29, 2030
Reported: Sep 24, 2024
Purchase Order No.
None Received

Customer ID: 05377Z
Account ID: Z01034

Rebecca Manzanares
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:

Haley Jones
Analytical QA Manager

Customer ID: 05377Z
 Account ID: Z01034

ANALYTICAL REPORT

Rebecca Manzanaras
 Colorado Analytical Laboratories, Inc.

Lab Sample ID			24H02719-001					
Customer Sample ID			240828086-01 - Tschamler - Dawson Aquifer sampled on 08/27/24 @ 0950					
Parameter	Units	Code	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Gross Alpha	pCi/L	T	10.0	3.5	1.6	SM 7110 B	09/11/24 @ 0757	JR
Gross Beta	pCi/L	T	6.2	2.9	2.0	SM 7110 B	09/11/24 @ 0757	JR

Lab Sample ID			24H02719-002					
Customer Sample ID			240828086-01A - Tschamler - Dawson Aquifer sampled on 08/27/24 @ 0950					
Parameter	Units	Code	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Radium-226	pCi/L	T	3.0	0.6	0.2	SM 7500-Ra B	09/10/24 @ 0939	KT
Radium-228	pCi/L	T	8.1	1.0	0.2	EPA pg.19	09/16/24 @ 1231	KR

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

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-006 pCi/mL: 21.1 (use 2 diluted)

Spike Solution: ID: C73-006 pCi/mL: 21.1 (use 2 mL)

Spike Recovery Calculation: Sample: 24H02729-02d

$$\text{Calculation: } \frac{(42.4) (1.000) - (0.1) (1.000)}{42.2} \times 100 = 100\%$$

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**:

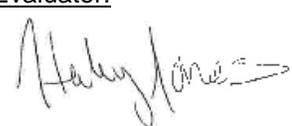
Reruns Required: _____

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:

24H02717 _____
24H02718 _____
24H02719 _____
24H02720 _____
24H02729 _____
24H02730 _____
24H02742 _____
24H02743 _____

Evaluator:
 _____

09/13/2024

 Date

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-008 pCi/mL: 14.1 (use 5 diluted)

Spike Solution: ID: C6-008 pCi/mL: 14.1 (use 5 mL)

Spike Recovery Calculation: Sample: 24H02720-2d

$$\text{Calculation: } \frac{(70.0) (1.000) - (1.3) (1.000)}{70.5} \times 100 = 97.4\%$$

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:

- 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:

- 24H02698 _____
- 24H02705 _____
- 24H02716 _____
- 24H02717 _____
- 24H02718 _____
- 24H02719 _____
- 24H02720 _____
- 24H02729 _____
- _____
- _____

Evaluator:  _____

Date: 09/23/2024

Batch QC Summary Form

Analyte: Gross Alpha

Control Standard/LFB: ID: C11-006 pCi/mL: 57.4 (use 1 diluted)

Spike Solution: ID: C11-006 pCi/mL: 57.4 (use 1 mL)

Spike Recovery Calculation: Sample: Tap

$$\text{Calculation: } \frac{(305.4) - (0.200) - (1.4) - (0.200)}{57.4} \times 100 = 106\%$$

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: _____

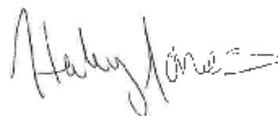
Narrative:

**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>24H02633</u>	<u>24H02729</u>
<u>24H02700</u>	<u>24H02730</u>
<u>24H02701</u>	<u>24H02737</u>
<u>24H02705</u>	<u>24H02742</u>
<u>24H02717</u>	<u>24H02743</u>
<u>24H02718</u>	<u>24H02753</u>
<u>24H02719</u>	_____
<u>24H02720</u>	_____
<u>24H02721</u>	_____
<u>24H02722</u>	_____

Evaluator:

 _____

09/17/2024

Date

Batch QC Summary Form

Analyte: Gross Beta

Control Standard/LFB: ID: C11-006 pCi/mL: 44 (use 1 diluted)

Spike Solution: ID: C11-006 pCi/mL: 44 (use 1 mL)

Spike Recovery Calculation: Sample: Tap

$$\text{Calculation: } \frac{(197.4) - (0.200)}{44} - \frac{(2.0) - (0.200)}{44} \times 100 = 88.8\%$$

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: _____

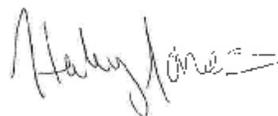
Narrative:

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Batch Listing by Lab Control Number:

<u>24H02633</u>	<u>24H02729</u>
<u>24H02700</u>	<u>24H02730</u>
<u>24H02701</u>	<u>24H02737</u>
<u>24H02705</u>	<u>24H02742</u>
<u>24H02717</u>	<u>24H02743</u>
<u>24H02718</u>	<u>24H02753</u>
<u>24H02719</u>	_____
<u>24H02720</u>	_____
<u>24H02721</u>	_____
<u>24H02722</u>	_____

Evaluator:



09/17/2024

Date



LABORATORIES, INC.

24H 02719

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

Report To Information Company Name <u>Colorado Analytical Laboratory</u> Report To: <u>Rebecca Manzanares</u> E-Mail: <u>rebccamanzanares@coloradolab.com</u>		Bill To Information: (if different from report to) Address: 10411 Heinz Way Commerce City, CO 80640 Phone: <u>303-659-2313</u>		Project Name <u>Tschamler</u>	
Address: 10411 Heinz Way Commerce City, CO 80640 Phone: <u>303-659-2313</u>		Address: CAL TASK 240828086 CJF		Compliance Samples: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Submit Data to CDPHE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Tests Requested

Sample Date/Time	Sample ID	Matrix	Radium 226 (Sub)	Gross Alpha/Beta (Sub)	Radium 228 (Sub)	Container Type
8/27/24	240828086-01 - Dawson Aquifer	Water - Drinking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1L - Unpreserved
8/27/24	240828086-01A - Dawson Aquifer	Water - Drinking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4 - 1L - Unpreserved

Comment:

Hazen Preservation Checks
9/20/24 10:12 Initial pH 7
A 16 Lot Preserved by PC
 pH ✓ by _____
 Final pH _____

Relinquished by: _____ (Signature)	Date: <u>8/29/24</u> Time: <u>8:00</u>	Received by: _____ (Signature)	Date: <u>08/29/24</u> Time: <u>13:00</u>	Relinquished by: _____ (Signature)	Date: _____ Time: _____	Received by: _____ (Signature)	Date: _____ Time: _____
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