



WATER RESOURCES REPORT

FOR KNECHT SUBDIVISION



PREPARED BY

Douglas Schwenke, PE

Tammy Lake, PE

RESPEC

5540 Tech Center Drive, Suite 100

Colorado Springs, Colorado 80919

PREPARED FOR

David Knecht

9363 St. George Rd.

Peyton, CO 80831

AUGUST 2024

Project Number W0265.24026





EXECUTIVE SUMMARY

Water needs and resources for the Knecht Subdivision have been evaluated based upon decreed water rights and application information provided by the Owner and Water Attorney. Knecht Subdivision is a proposed 5-lot subdivision in El Paso County, CO located at on N. Meridian Road at the Black Squirrel Creek crossing in the NW quarter of the NW quarter of Section 18, Township 12 S, Range 64 W, 6th pm.

The water rights and replacement plan in place/pending for the subject parcels are adequate to meet the needs of the five (5) lots proposed for the subdivision on a 300-year basis. Sufficient water quantity, quality, and dependability have been documented. The installation of household reverse osmosis systems is recommended to address slightly elevated radionuclides and manganese in the source water.

TABLE OF CONTENTS

1.0 INTRODUCTION	4
1.1 LOCATION.....	4
1.3 BACKGROUND.....	6
2.0 PROJECTED LAND USES	6
2.1 SUBDIVISION PLANS.....	6
3.0 WATER NEEDS AND PROJECTED DEMANDS.....	6
3.1 WATER DEMAND SUMMARY	6
3.2 UNIT WATER USER CHARACTERISTICS.....	7
3.3 DEMAND VERSUS SUPPLY.....	7
4.0 WATER RIGHTS AND SUPPLY	7
4.1 EXISTING AND PENDING WATER RIGHTS	7
4.1.1 ISSUED DETERMINATIONS.....	7
4.1.2 PENDING APPLICATIONS	8
4.1.3 WELLS.....	8
4.1.4 WATER RIGHTS SUMMARY	8
4.2 PLACE OF USE	9
4.3 TYPE OF USE	9
4.4 ADEQUACY OF WATER RIGHTS	9
4.5 REPLACEMENT PLAN	9
5.0 WATER SYSTEM FACILITIES AND PHYSICAL SUPPLY.....	10
5.1 SOURCE OF SUPPLY	10
5.2 WATER TREATMENT	10
5.3 WATER STORAGE.....	10
5.4 WATER DISTRIBUTION	10
5.5 WATER QUALITY	10
6.0 EL PASO COUNTY MASTER PLANNING ELEMENTS.....	12
6.1 EL PASO COUNTY WATER MASTER PLAN 2040 AND 2060 PROJECTIONS	12
6.2 PROJECTED BUILDOUT	12
6.3 LONG-TERM PLANNING (2040 AND 2060) AND FUTURE SOURCES OF SUPPLY	13
6.4 WATER SYSTEM INTERCONNECTIONS	13
7.0 CONCLUSION.....	15
8.0 REFERENCES.....	16
APPENDIX A LAND USE EXHIBIT.....	A-1
APPENDIX B WATER SUPPLY INFORMATION SUMMARY FORM	A-2
APPENDIX C DETERMINATIONS, APPLICATIONS, REPLACEMENT PLAN	A-3
APPENDIX D WATER QUALITY RESULTS.....	A-4



1.0 INTRODUCTION

1.1 LOCATION

In accordance with Section 8.4.7(B)(1)(a) of the El Paso County Land Development Code (EPCLDC), this report has been prepared to provide the data required for the El Paso County Planning Commission and the Board of County Commissioners to determine whether the water supply for the proposed subdivision is adequate in terms of quantity, quality, and dependability.

The subject property is located in El Paso County, CO on N. Meridian Road at the Black Squirrel Creek crossing and is in the NW quarter of the NW quarter of Section 18, Township 12 S, Range 64 W, 6th pm. The 21.03-acre property is comprised of three parcels designated by El Paso County parcel numbers 4218000023 (13.07 Ac), 4218000004 (6.91 Ac), and 4218000002 (1.05 Ac.) See Figure 1-1-1. The Owner wishes to subdivide the property into five (5) lots through the El Paso County Land Development and Planning Process.

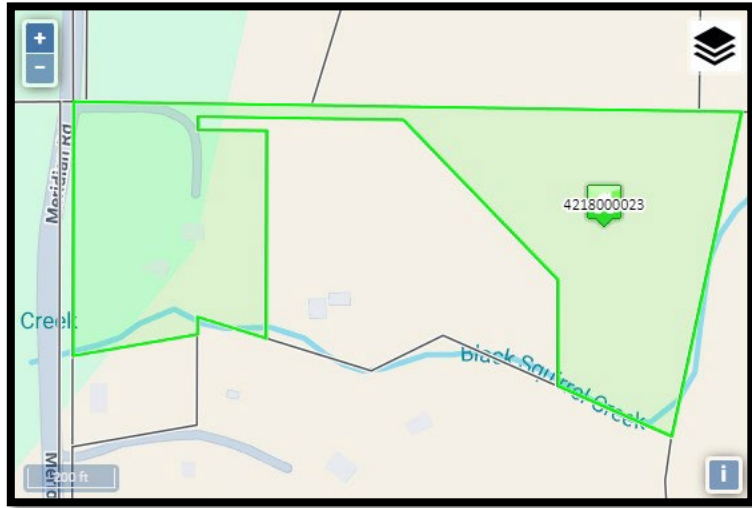


Figure 1-1-1 Subject Property - El Paso County Assessor Mapping

1.3 BACKGROUND

Knecht Subdivision is a proposed 5-lot subdivision of three existing parcels. Water rights were originally obtained for the 19.98 acres of overlying land shown in Figure 1-2-1. Applications for additional subsurface rights are pending for the 1.05-acre parcel, which is being added to the subdivision. See Section 4.0 for a detailed discussion of water rights and supply.

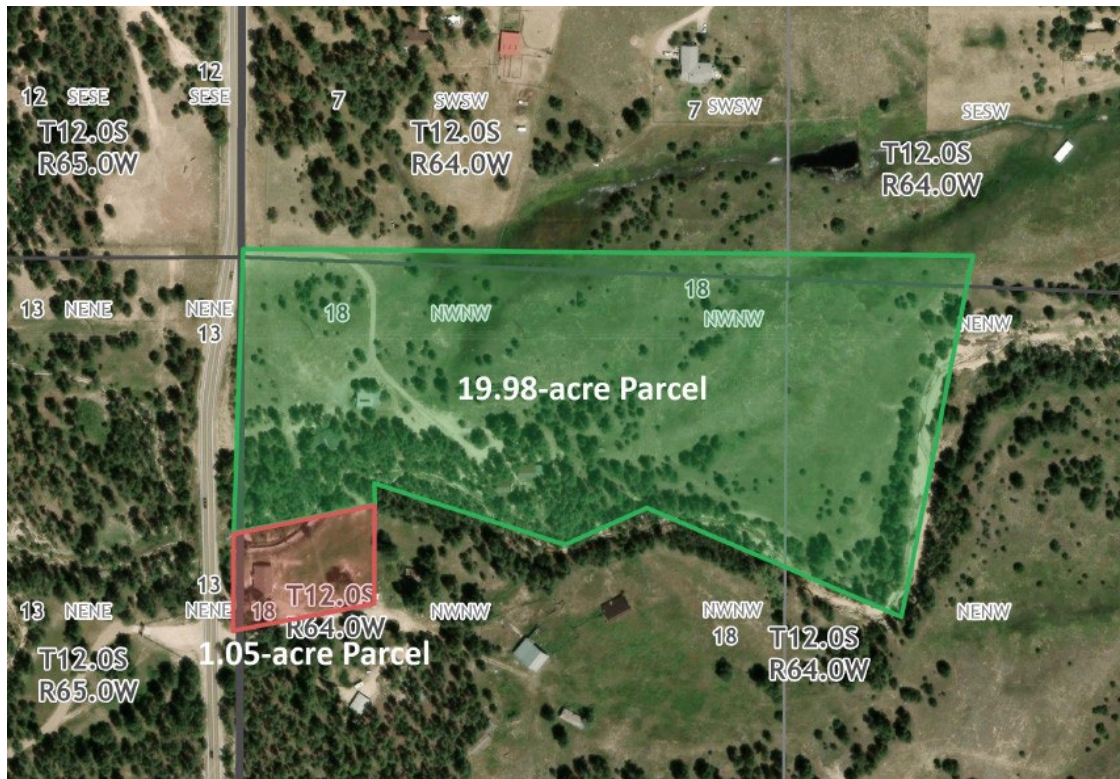


Figure 1-2-1 Parcels Comprising Overlying Land in Water Rights Documents

2.0 PROJECTED LAND USES

2.1 SUBDIVISION PLANS

The 21.03-acre aggregate parcel is proposed to be divided into five (5) lots of approximately 1.05 Ac, 4.76 Ac, 5.08 Ac, 5.07 Ac, and 5.06 Ac. Single-family homes exist on three of these lots, while two of the proposed lots have not yet been developed. Refer to *Appendix A – Land Use Exhibit*.

3.0 WATER NEEDS AND PROJECTED DEMANDS

3.1 WATER DEMAND SUMMARY

The annual demands of the proposed subdivision are 2.5 AF. This is based upon a 0.50 AF/yr demand per lot, which includes a minimum of 0.26 AF/yr for in-house domestic uses. All water demands for the subdivision are proposed to be met using residential wells drilled into the not-nontributary Upper

Dawson aquifer, a non-renewable ground water source. This demand estimate is based upon information included in the “Summary of Plan” in the application to amend the existing replacement plan 3557-BD (Amendment no. 2) dated April 4, 2024, which is included in *Appendix C – Determinations, Applications, Replacement Plan*. Estimated water demands and wastewater loads based upon presumptive use values are shown in Table 3-1-1 below.

Table 3-1-1 Summary of Anticipated Water Demands and Wastewater Loads

# of SFE's	Annual Indoor Use ^(a)	Average Daily Indoor Use	Annual Irrigation Use ^(b)	Annual Livestock Watering Use ^(c)	Total Annual Use (indoor + outdoor)	Average Daily Wastewater (septic) Flow
	(AF/yr)	(gpd)	(AF/yr)	(AF/yr)	(AF/yr)	(gpd)
5	1.3	1160	0.98	0.22	2.5	1044

(a) Assuming a minimum of 0.26 AFyr/SFE per 8.47(B)(7)(d) of the El Paso County Land Development Code, single-family residences

(b) Assuming 0.0566 AF/1000 SF/year per 8.47(B)(7)(d) of the El Paso County Land Development Code, 3,463 SF of lawn/garden/trees = 0.196 AF/lot

(c) Assuming 0.011 AF/horse/year, 4 horses per unit = 0.044 AF/lot

3.2 UNIT WATER USER CHARACTERISTICS

Unit water user characteristics have been established using a single-family equivalent (SFE) basis. Each planned single-family home is counted as one SFE, with projected usage data per unit based upon Chapter 8 of the *El Paso County Land Development Code*.

3.3 DEMAND VERSUS SUPPLY

The overall projected annual demand of 2.5 acre-feet for the proposed subdivision is less than the amount of supply available from the water rights portfolio for the property.

4.0 WATER RIGHTS AND SUPPLY

4.1 EXISTING AND PENDING WATER RIGHTS

Issued determinations, applications for pending and revised determinations, and the approved replacement plan (including amendment no. 1) are included in Appendix C - Determinations, Applications, Replacement Plan.

4.1.1 ISSUED DETERMINATIONS

Ground water rights for the 13.07-Ac and 6.91-Ac parcels, comprising the 19.98-Ac area shown in Figure 1-2-1, were adjudicated on July 24, 2018 per the following documents:

- / 3557-BD (Dawson aquifer)
- / 3556-BD (Denver aquifer)
- / 3555-BD (Arapahoe aquifer)
- / 3554-BD (Laramie-Fox Hills aquifer)

4.1.2 PENDING APPLICATIONS

On June 6, 2024, applications for the determination of ground water rights were submitted (to update applications submitted on April 4, 2024) for the 1.05-Ac parcel, also shown in Figure 1-2-1, for the four aquifers listed above. Also on April 4, 2024, an application (for Amendment No. 2) to amend the replacement plan associated with 3557-BD was submitted to incorporate the 1.05-Ac parcel into this plan.

4.1.3 WELLS

Two existing wells within the subdivision boundary (operating under permit no.'s 77690 and 134102 will be re-permitted under the replacement plan for 3557-BD.

4.1.4 WATER RIGHTS SUMMARY

Table 4-1-1 summarizes the information from the determinations and pending applications, including both 100-year and 300-year allocations.

Table 4-1-1 Water Rights Summary and Estimated Annual Appropriations

Basin	Aquifer	Determination	Tributary Status ^(a)	Overlying Land Area	Total Decreed Water ^(b)	Annual Allocation (100-yr) ^(b)	Annual Allocation (300-yr) ^(b)
				(Ac)	(AF)	(AF/yr)	(AF/yr)
Upper Black Squirrel Creek Designated Basin	Dawson	3557-BD	NNT	19.98	1130 ^(c)	11.30 ^(c)	3.77
	Denver	3556-BD	NT	19.98	1020	10.20	3.40
	Arapahoe	3555-BD	NT	19.98	764	7.64	2.55
	Laramie-Fox Hills	3554-BD	NT	19.98	599	5.99	2.00
Upper Black Squirrel Creek Designated Basin	Dawson	pending	NNT	1.05	60	0.60	0.20
	Denver	pending	NT	1.05	54	0.54	0.18
	Arapahoe	pending	NT	1.05	40	0.40	0.13
	Laramie-Fox Hills	pending	NT	1.05	32	0.32	0.11
Total				21.03	3699	36.99	12.34

(a) NT = nontributary; NNT = not-nontributary

(b) Amounts shown for the 1.05-Ac parcel are anticipated and will be updated upon issuance of a determination.

(c) Total volume of withdrawal was reduced from 1140 AF to 1130 AF and average annual withdrawal amount was reduced from 11.4 AF/yr to 11.3 AF/yr in 3557-BD in accordance with Rule 5.3.2.4 of the Designated Basin Rules to account for water historically withdrawn from wells operated under permit no.'s 77690 and 134102. (See 3557-BD dated 7/24/18.)

4.2 PLACE OF USE

Applications for the Denver, Arapahoe, and Laramie-Fox Hills aquifers for the 1.05-Ac parcel list only the 1.05 Ac of overlying land as the place of use. The application for the Dawson aquifer for the 1.05-Ac parcel specifies that this water right is to be combined with 3557-BD and that the place of use would include not only the 1.05 Ac of overlying land, but also the 19.98 Ac place of use per 3557-BD.

Similarly, an application to amend 3557-BD was submitted on April 4, 2024. This application requested a changed place of use to allow enough water to be used by the additional 1.05-Ac parcel. According to the replacement plan amendment application Lot No. 5 would be allowed to use 0.50 AF of water annually for 300 years similar to the other lots in the planned subdivision. The rationale for this request is based on the fact that the amount of water in the Dawson aquifer under the 1.05-Ac parcel alone would provide for only 0.20 AF annually for 300 years and would not be sufficient both in terms of El Paso County requirements and those of the development. It is estimated that the water underlying the additional 1.05-Ac parcel amounts to 60 AF or 0.20 AF/yr on a 300-year basis; therefore, the Owner anticipates that approximately 90 AF or 0.30 AF/yr on a 300-year basis will be utilized from the water rights from 3557-BD to allow for 0.50 AF/yr of use by the 1.05-Ac parcel.

4.3 TYPE OF USE

Both the adjudicated and pending water rights specify the type of use as domestic, irrigation, livestock watering, and replacement. The subject property is wholly within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin.

4.4 ADEQUACY OF WATER RIGHTS

The total amount of decreed water for the Upper Dawson aquifer as well as annual appropriations on both a 100-year and 300-year basis support sufficient water quantity for the proposed subdivision. This is based upon estimated and allowable use and the required replacement amount. Additional rights in the Denver, Arapahoe, and Laramie-Fox Hills formations have been secured and will remain available for future use.

4.5 REPLACEMENT PLAN

A replacement plan for BD-3557 was approved on July 24, 2018. This plan was subsequently amended (3557-RP, Amendment No. 1) on August 30, 2022. The 2018 replacement plan included the condition that the applicant obtain new well permits for the existing wells operated under permit no.'s 77690 and 134102 and to operate these wells pursuant to the replacement plan. The 2022 amendment to the plan removed the requirement to re-permit the well currently operated under well permit no. 77690 as a well location amendment was obtained on January 5, 2022 to correct the location of this well, which is not within the 19.98 acres of overlying land. All other conditions of the original (2018) replacement plan remain the same.

The Summary of Plan submitted with the application for Amendment No. 2 to the approved replacement plan (3557-RP) specifies a 0.50 AF/yr demand per lot (totaling 2.5 AF/yr for the 5-lot subdivision), which includes a minimum of 0.20 AF/yr per lot for in-house domestic uses. Maximum annual depletions have been determined to amount to 3.08 percent of actual pumping in the 300th year of pumping – or a

maximum of 0.077 annual acre-feet. The Owner proposes to provide aggregate replacement water in the amount of 0.9 AF/yr to the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water Basin using non-evaporative septic systems. Septic return flows will be credited for 90 percent of diversions for in-house domestic use or 0.18 AF/yr per lot (assuming a *minimum* domestic use per household of 0.20 AF/year).

Therefore, a minimum of 0.18 AF/yr per lot return flow will be adequate to replace overall depletions in the alluvium created by pumping 0.50 AF/yr from each lot's well.

A totalizing flow meter shall be installed on each well to track the amount of water pumped; replacement of depletions shall be provided annually per the conditions of the replacement plan. Records must be kept in accordance with the requirements of the replacement plan.

5.0 WATER SYSTEM FACILITIES AND PHYSICAL SUPPLY

5.1 SOURCE OF SUPPLY

Supply for the five (5) residential lots will be met with two existing (re-permitted) and three future Upper Dawson aquifer wells.

5.2 WATER TREATMENT

Water from a well within the subject property was tested for constituents required by El Paso County regulations for a confined aquifer. (See water quality discussion below.) A central water treatment system will not be provided and individual water supply, treatment, and/or storage equipment will *not* be considered part of a community system by the Colorado Department of Public Health and Environment (CDPHE.) Any desired treatment of existing and future wells will be the responsibility of individual homeowners

5.3 WATER STORAGE

Water storage (other than potential individual cisterns or pressure tanks) will not be constructed.

5.4 WATER DISTRIBUTION

Since there is no central water system proposed for this subdivision, no distribution lines or pumping equipment will be provided. This also means that fire flow capabilities will not be provided; lot owners will be made aware of this through the subdivision process.

5.5 WATER QUALITY

Section 8.4.7(B)(10)(a) in the current EPC-LDC addresses confined aquifer sampling requirements and 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. Per this same Section and since the proposed wells will be drilled into the Upper Dawson formation, which is considered a Denver Basin Aquifer, VOCs and SOCs are not required as part of the stipulated chemical analysis.

On April 3, 2024, representatives with RESPEC Company, LLC sampled the existing Dawson aquifer well (well permit no. 77690) located at 12375 Meridian Rd. Samples were sent overnight to Colorado Analytical Laboratories to meet specified holding times for certain constituents. Results were tabulated and compared to primary and secondary Maximum Contaminant Levels (MCLs and SMCLs) as established by the Colorado Department of Public Health and Environment’s (CDPHE) latest drinking water standards. Tabulated results from the water quality analysis are shown in Table 5-5-1 below, while full reports are included in *Appendix D – Water Quality Results.*

Table 5-5-1 Water Quality Summary of Requirements and Results

**El Paso County Land Development Code
Water Quality Requirements and Results**

Dawson Confined Aquifer
Knecht Minor Subdivision
12375 Meridian Road
Sampled - 04/03/24

Compound	Units	MCL/SMCL	Result
Antimony	mg/l	0.006	ND
Arsenic	mg/l	0.01	ND
Barium	mg/l	2	0.1521
Beryllium	mg/l	0.004	ND
Cadmium	mg/l	0.005	ND
Chromium	mg/l	0.1	ND
Cyanide (Total)	mg/l	0	ND
Fluoride	mg/l	4	ND
Mercury	mg/l	0.002	ND
Nitrate as N	mg/l	10	ND
Nitrite as N	mg/l	1	ND
Total Nitrate/Nitrite as N	mg/l	10	ND
Selenium	mg/l	0.05	ND
Thallium	mg/l	0.002	ND
Aluminum	mg/l	0.05	0.002
Chloride	mg/l	250	9.6
Langlier Index			-1.75
Iron	mg/l	0.3	0.13
Manganese	mg/l	0.05	0.1134
pH		6.5 - 8.5	6.88
Silver	mg/l	0.1	ND
Sulfate	mg/l	250	7.8
TDS	mg/l	500	125
Zinc	mg/l	5	0.016
Gross Alpha/Beta	pCi/l	15	17.1
Combined Radium 226+228	pCi/l	5	6.4
Total Coliform	#/100 ml	Absent	ND

Green = Result below MCL - Acceptable Water Quality

The well water was found to be high in both Gross Alpha/Beta (result of 17.1 PCi/L vs MCL of 15 PCi/L) and Combined Radium 226+228 (6.4 PCi/L was above the MCL of 5 PCi/L.) Gross alpha and beta particles usually indicate/are found concurrent with Radium 226. All other were found to be below respective primary and secondary drinking standards except manganese (result 0.1134 mg/L; SCML of 0.05 mg/L.)

Combined radium 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. Exposure to alpha radiation has been associated with certain types of cancer, including lung, bone, and brain cancer, and may present other health risks. Although the MCL for Gross Alpha is 15 PCi/L, the MCL goal for this constituent is zero. Finally, while long-term exposure to high levels of manganese can pose health risks, this mineral is most known for the aesthetic issues it causes such as stained fixtures.

Given the levels of Combined Radium observed in each well, the RESPEC Company, LLC would recommend the installation of a whole house Reverse Osmosis (RO) unit in each residence to reduce the levels of radium and the associated alpha and beta particles from the source water to safer levels. An RO system would also be capable of reducing manganese levels. It should be noted that the reverse osmosis unit will generate a concentrated backflow that can be wasted to septic systems. Given the relatively small amounts of concentrated constituents generated by a single residence reverse osmosis unit, each household's septic system should have the capacity to sufficiently treat the generated wastewater loadings.

After reviewing the analytical results, RESPEC Company, LLC does not find cause for concern in utilizing the underlying Dawson Aquifers for public consumption or irrigation uses within the proposed subdivision. However, RESPEC would recommend that the developer and home builder provide a whole-house RO unit for each household to remove observed radioductides and reduce manganese levels. 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.

6.0 EL PASO COUNTY MASTER PLANNING ELEMENTS

6.1 EL PASO COUNTY WATER MASTER PLAN 2040 AND 2060 PROJECTIONS

The subject property is within El Paso County Water Master Planning Region 3 – east of N. Meridian Road and straddling Upper Black Squirrel Creek at Region 3's northern boundary.

6.2 PROJECTED BUILDOUT

Full buildout of the subject property will be five (5) total lots; three (3) of the proposed lots currently have single-family homes on them and two (2) of the proposed lots are undeveloped at this time.

6.3 LONG-TERM PLANNING (2040 AND 2060) AND FUTURE SOURCES OF SUPPLY

Consistent with El Paso County criteria, the supply of water has been evaluated for a 300-year pumping duration and appears to be more than adequate for full buildout, which would include both the 2040 and 2060 scenarios. However, the proposed supply in the Upper Dawson aquifer is characterized as non-renewable. If additional supply is needed (beyond 300 years), the Owner has obtained (and additional applications are under review) for nontributary water rights in the Denver, Arapahoe, and Laramie-Fox Hills formations for the overlying land area within the proposed subdivision (totaling 21.03 acres.)

6.4 WATER SYSTEM INTERCONNECTIONS

The nearest water district to the proposed subdivision is Meridian Service Metropolitan District (MSMD) to the south-southeast. The relative location of the proposed Knecht subdivision is shown in Figure 6-4-1 (at the northwest corner of the map.) While connection to MSMD would allow for the provision of fire flow within the subdivision, for numerous reasons, it is not feasible to pursue an expansion of service from MSMD, including but not limited to:

- / The southern extent of the Knecht subdivision is approximately 1-1/4 miles from the existing 12" line in MSMD. MSMD allows a maximum length of 1000' of dead-end line; therefore, extension would likely require looping to connect to the Latigo Trails lines. The cost of this, which could include over 3 miles of waterline, including two creek crossings, would be prohibitive.
- / MSMD would take over water rights for any land into which it extends service, however the District would likely not consider the Knecht Subdivision water rights a valuable addition to its portfolio. MSMD is in need of significant quantities of renewable water such as the District's existing rights to Arapahoe and Laramie-Fox Hills water, which it can use to extinction as well as to recharge the Arapahoe formation.

While it appears that the properties between the Knecht Subdivision and the MSMD boundary may currently be serviced only by wells, MSMD's boundaries and potential connection points may change over time and a cost-benefit analysis for an extension of service to the Knecht Subdivision might result in a different conclusion at some point in the future.

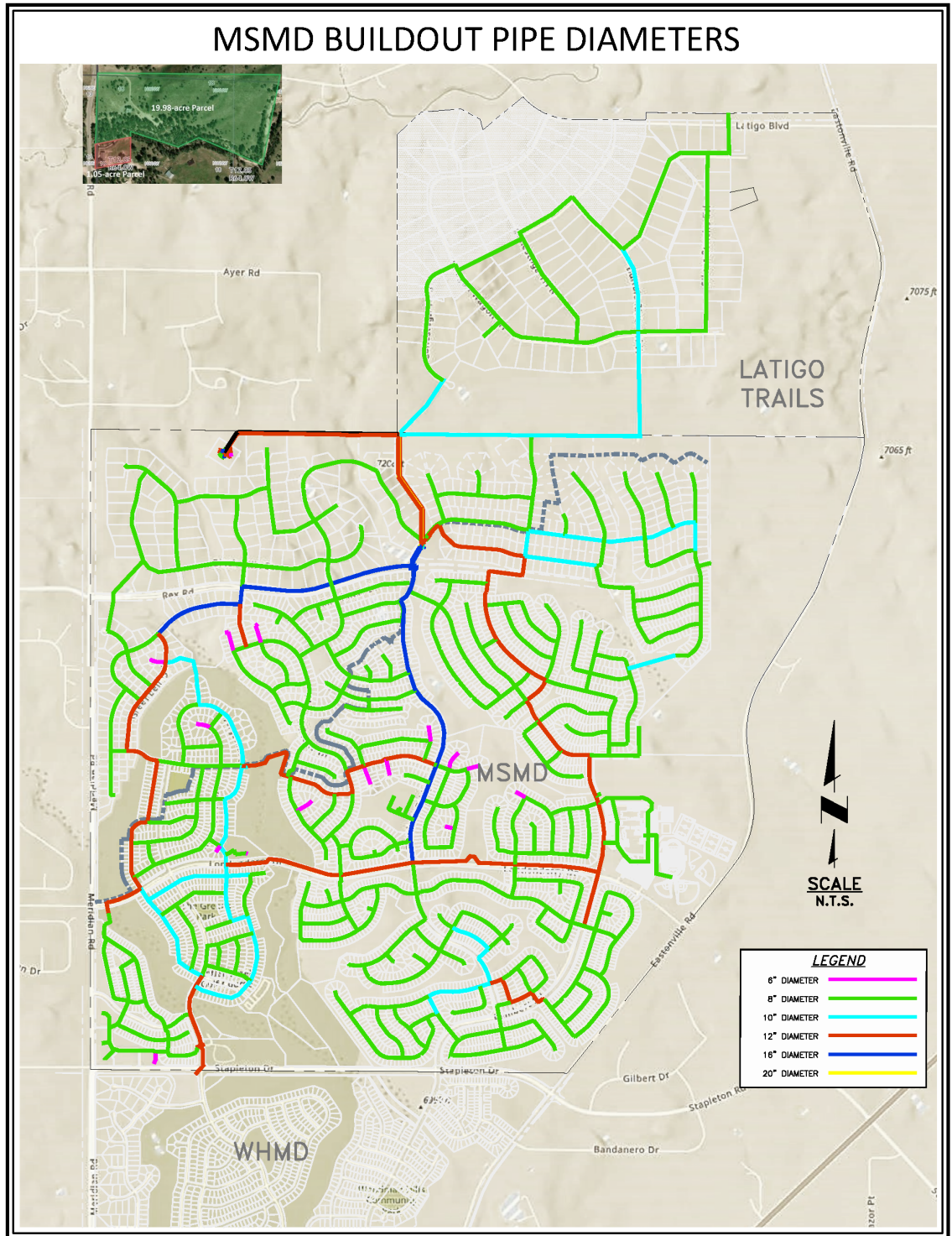


Figure 6-4-1 Meridian Service Metropolitan District Water Distribution System Master Plan



RESPEC

7.0 CONCLUSION

The water rights and replacement plan in place/pending for the proposed subdivision are adequate to meet the needs of the five (5) lots proposed for the subdivision on a 300-year basis. Sufficient water quantity, quality, and dependability have been documented. The installation of household reverse osmosis systems is recommended to address slightly elevated radionuclides and manganese in the source water.



RESPEC

8.0 REFERENCES

El Paso County. 2023. *El Paso County Land Development Code*.

Forsgren Associates, Inc. 2019. *El Paso County Water Master Plan*.



APPENDIX A

LAND USE EXHIBIT










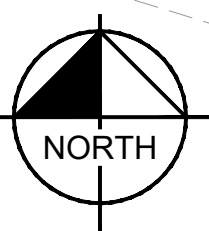
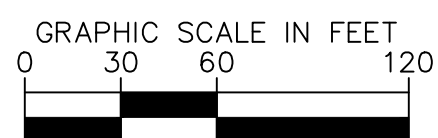
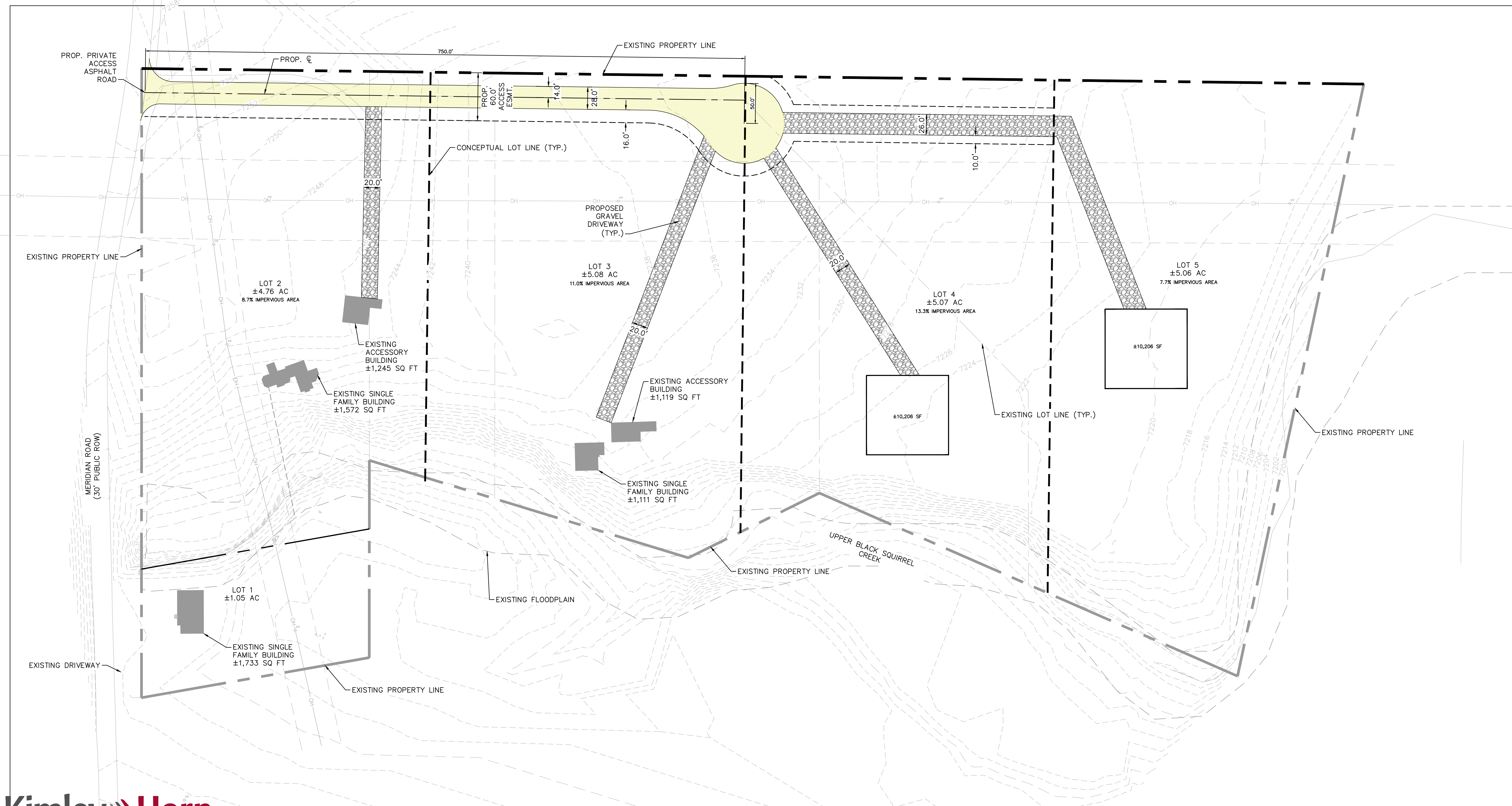
A-1



KNECHT 5-LOT EXHIBIT

LEGEND

-  PROPERTY LINE
-  EX. LOT LINE
-  PROPOSED LOT LINE
-  OVERHEAD ELECTRIC LINE
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EX. ELECTRIC EASEMENT



SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS				
Aggregate Base Course (6" thick)	534	CY	\$ 66.00	\$ 35,244.00
Asphalt Pavement (4" thick)	3,205	SY	\$ 25.00	\$ 80,125.00
TOTAL				\$ 115,369.00

K:\CCS_civil\19875900_Knecht Minor Subdivision\CADD\Exhibits\Lot Exhibit.dwg Feb 23, 2024 11:00am



APPENDIX B

WATER SUPPLY INFORMATION SUMMARY FORM



FORM NO.
GWS-76
05/2011

WATER SUPPLY INFORMATION SUMMARY
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER
1313 Sherman St., Room 821, Denver, CO 80203
Main (303) 866-3581 dwr.colorado.gov

Section 30-28-133,(d), C.R.S. requires that the applicant submit to the County, "Adequate evidence that a water supply that is sufficient in terms of quantity, quality, and dependability will be available to ensure an adequate supply of water."

1. NAME OF DEVELOPMENT AS PROPOSED:

2. LAND USE ACTION:

3. NAME OF EXISTING PARCEL AS RECORDED:

SUBDIVISION: _____, FILING (UNIT) _____, BLOCK _____, LOT _____

4. TOTAL ACREAGE:

5. NUMBER OF LOTS PROPOSED

PLAT MAP ENCLOSED? YES or NO

6. PARCEL HISTORY – Please attach copies of deeds, plats, or other evidence or documentation.

A. Was parcel recorded with county prior to June 1, 1972? YES or NO

B. Has the parcel ever been part of a division of land action since June 1, 1972? YES or NO

If yes, describe the previous action:

7. LOCATION OF PARCEL – Include a map delineating the project area and tie to a section corner.

_____ 1/4 of the _____ 1/4, Section _____, Township _____ N or S, Range _____ E or W

Principal Meridian (choose only one): Sixth New Mexico Ute Costilla

Optional GPS Location: GPS Unit must use the following settings: Format must be **UTM**, Units must be **meters**, Datum must be **NAD83**, Unit must be set to **true N**, Zone 12 or Zone 13

Easting: _____

Northing: _____

8. PLAT – Location of all wells on property must be plotted and permit numbers provided.

Surveyor's Plat: YES or NO If not, scaled hand drawn sketch: YES or NO

9. ESTIMATED WATER REQUIREMENTS

10. WATER SUPPLY SOURCE

USE	WATER REQUIREMENTS		<input type="checkbox"/> EXISTING WELL <input type="checkbox"/> DEVELOPED SPRING WELL PERMIT NUMBERS _____ _____ _____	<input type="checkbox"/> NEW WELLS - PROPOSED AQUIFERS – (CHECK ONE) <input type="checkbox"/> ALLUVIAL <input type="checkbox"/> UPPER ARAPAHOE <input type="checkbox"/> UPPER DAWSON <input type="checkbox"/> LOWER ARAPAHOE <input type="checkbox"/> LOWER DAWSON <input type="checkbox"/> LARAMIE FOX HILLS <input type="checkbox"/> DENVER <input type="checkbox"/> DAKOTA <input type="checkbox"/> OTHER: _____
	Gallons per Day	Acre-Feet per Year		
HOUSEHOLD USE # _____ of units	_____	_____	<input type="checkbox"/> MUNICIPAL <input type="checkbox"/> ASSOCIATION <input type="checkbox"/> COMPANY <input type="checkbox"/> DISTRICT NAME _____ LETTER OF COMMITMENT FOR SERVICE <input type="checkbox"/> YES or <input type="checkbox"/> NO	WATER COURT DECREE CASE NUMBERS: _____ _____ _____
COMMERCIAL USE # _____ of S. F	_____	_____		
IRRIGATION # _____ of acres	_____	_____		
STOCK WATERING # _____ of head	_____	_____		
OTHER: _____	_____	_____		
TOTAL	_____	_____		

11. WAS AN ENGINEER'S WATER SUPPLY REPORT DEVELOPED? YES or NO IF YES, PLEASE FORWARD WITH THIS FORM. (This may be required before our review is completed.)

12. TYPE OF SEWAGE DISPOSAL SYSTEM

SEPTIC TANK/LEACH FIELD

CENTRAL SYSTEM

DISTRICT NAME: _____

LAGOON

VAULT

LOCATION SEWAGE HAULED TO: _____

ENGINEERED SYSTEM (Attach a copy of engineering design.)

OTHER:



APPENDIX C

DETERMINATIONS, APPLICATIONS, REPLACEMENT PLAN



**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3557-BD

AQUIFER: Dawson

APPLICANT: Mark A. Ware and Linda G. Ware

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Mark A. Ware and Linda G. Ware (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Dawson Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 24, 2017.
2. The Applicant requests a determination of right to designated ground water in the Dawson Aquifer (hereinafter "Aquifer") underlying 19.98 acres, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, in El Paso County. According to a signed Ownership Statement dated January 13, 2017, attached hereto as Exhibit A, the Applicant owns the 19.98 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 19.98 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 19.98 acres of Overlying Land claimed by the applicant is 1,140 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 20 percent.

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware

- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 285 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 11.4 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that two small-capacity wells, permit nos. 77690 and 134102, are located on the Overlying Land. Well permit no. 77690 is permitted to withdraw 1.5 acre-feet per year and well permit no. 134102 is permitted to withdraw 1 acre-foot per year of ground water from the Aquifer from beneath the Overlying Land. In accordance with Rule 5.3.2.4 of the Designated Basin Rules, the allowed average annual amount of withdrawal from beneath the Overlying Land is reduced to 11.3 acre-feet per year so as to account for water historically withdrawn by the two wells from beneath the Overlying Land (based on well permit no. 77690 pumping a total of 4.78 acre-feet and well permit no. 134102 pumping a total of 3.38 acre-feet). The effect of this reservation is to reduce the quantity of Underlying Ground Water which is considered available for allocation to 1,130 acre-feet. Except for the two wells, review of the records in the Office of the State Engineer has disclosed that none of the water in the Aquifer underlying the land claimed by the Applicant has been previously allocated or permitted for withdrawal.
10. The applicant intends to apply for new well permits to re-permit wells 77690 and 134102 pursuant to the replacement plan being concurrently approved for the Dawson aquifer. Well permit nos. 77690 and 134102 will be cancelled upon issuance of new well permits issued pursuant to this Determination of Water Right and the replacement plan.
11. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water 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.
12. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable 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.
13. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant 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 and, therefore, the Underlying Ground Water is considered to be not-nontributary ground water. Withdrawal of water from the Aquifer underlying the claimed land area would impact the alluvial aquifer(s) of Black Squirrel Creek or its tributaries, 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, providing for the actual depletion of the alluvial aquifer and adequate to prevent any material injury to existing water rights,

is required prior to approval of well permits for wells to be located on this land area to withdraw the Underlying Ground Water from the Aquifer.

14. On May 25, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
15. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 31, 2018 and June 7, 2018. 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 Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Dawson Aquifer underlying 19.98 acres of land, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M., further described in Exhibit A, is approved subject to the following conditions:

16. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 11.3 acre-feet.
17. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 1,130 acre-feet.
18. The applicant must obtain new well permits for the existing wells (current permit nos. 77690 and 134102) to operate those wells pursuant to this Determination of Water Right and the replacement plan being concurrently approved for the Dawson aquifer.
19. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
20. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
21. 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.
22. 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 that allow the withdraw of the Underlying Ground Water.

Aquifer: Dawson


Applicant: Mark A. Ware and Linda G. Ware

23. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The place of use shall be limited to the above described 19.98 acres of Overlying Land. The ground water 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. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
24. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
25. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 19.98 acres of Overlying Land.
 - b. 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.
 - c. The wells must be constructed to withdraw water from only the Dawson Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. 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 and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. 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.
26. A copy of this Findings and Order 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 19.98 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
27. The ground water right determined herein is a vested property right with specific ownership. The ground 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 of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Determination No.: 3557-BD
Aquifer: Dawson
Applicant: Mark A. Ware and Linda G. Ware

Page 5

Dated this 24th day of July, 2018.

By: 

Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission



Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: nsm
F&O3557-BD.doc

**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR REPLACEMENT PLAN TO ALLOW THE WITHDRAWAL OF GROUND WATER FROM THE DAWSON AQUIFER IN THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN.

REPLACEMENT PLAN - DETERMINATION OF WATER RIGHT NO. 3557-BD

AQUIFER: DAWSON

APPLICANT: MARK A. WARE AND LINDA G. WARE

In compliance with Section 37-90-107.5, CRS, and the Designated Basin Rules, 2 CCR 410-1 ("Rules" or "Rule"), Mark A. Ware and Linda G. Ware ("Applicant") submitted an application for a replacement plan to allow the withdrawal of ground water from the Dawson Aquifer in accordance with Determination of Water Right No. 3557-BD.

FINDINGS

1. Pursuant to Section 37-90-107(7), CRS, in a Findings and Order dated July 24, 2018, the Ground Water Commission ("Commission") approved a Determination of Water Right, no. 3557-BD, for the Dawson Aquifer ("Aquifer"), summarized as follows.
 - a. The determination quantified an amount of water from beneath 19.98 acres of overlying land generally described as a part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th Principal Meridian, in El Paso County.
 - b. The total volume of underlying ground water that may be withdrawn from the Aquifer shall not exceed 1,130 acre-feet and the allowed average annual amount of ground water that may be withdrawn from the Aquifer shall not exceed 11.3 acre-feet.
 - c. The use of the allowed amount of underlying ground water shall be limited to the following beneficial uses: domestic, irrigation, livestock watering, and replacement.
 - d. In accordance with Rule 5.3.6 the withdrawal of the subject ground water 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 ground water 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 ground water.
2. The subject water is Designated Ground water located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Commission has jurisdiction.
3. Withdrawal of the subject ground water would deplete the alluvial aquifer of the Kiowa-Bijou Designated Ground Water Basin, the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water Basin and the alluvial aquifer of the Upper Big Sandy Designated of Ground Water Basin, of which, according to Rules 5.2.4.2, 5.2.6.2, and 5.2.7.2, respectively, have been determined to be over appropriated. Such depletion would unreasonably impair existing alluvial rights withdrawing water from that alluvial aquifer.
4. Pursuant to Rule 5.6.1 this plan must be adequate to prevent any material injury to water

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware

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 Ground Water Basin, the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water Basin and the alluvial aquifer of the Upper Big Sandy Designated of Ground Water 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 subject application for the replacement plan was received by the Commission on January 24, 2017.
7. The Applicant proposes to divert 3.77 acre-feet annually from the Dawson Aquifer for a period of 300 years. The Dawson Aquifer water will be withdrawn through four (4) wells to be located on four (4) residential lots. Each Dawson aquifer well is proposed to divert 0.94 acre-feet of water annually for in-house use in 1 single family residence (0.25 acre-foot per residence), domestic animals and livestock watering (0.05 acre-feet), and lawn and garden irrigation (0.64 acre-feet).
8. At a continuous withdrawal of 3.77 acre-foot annually for 300 years, total depletions to the alluvial aquifer systems of the Kiowa-Bijou, Upper Black Squirrel Creek, and Upper Big Sandy Designated Ground Water Basins would steadily increase to 0.116 acre-feet per year in the 300th year, which is equal to 3.08% of pumping, as shown in Exhibit A.
9. The Applicant proposes to provide 0.9 acre-feet per year of replacement water to the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water Basin. The proposed source of replacement water is septic and leaching field return flows from the in-house use of the ground water 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 each lot uses a total annual amount for in-house use of 0.25 acre-feet, the return flow per lot would be 0.225 acre-feet annually, and the return flows under the plan will total 0.9 acre-feet per year for all 4 lots at full build out.
10. The subject property is located within the drainage of Black Squirrel Creek, and the return flows will flow to the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water 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. So long as the septic and leaching treatment systems for the in-house use of the water are constructed and operated in compliance with state and county health department standards the plan would not cause unreasonable impairment of water quality of the alluvial aquifer.
12. 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. 3557-BD.
13. In accordance with Rule 5.6.2 the application was referred to the Upper Black Squirrel Creek Ground Water Management District on May 25, 2018. No response was received from the District.
14. In accordance with Sections 37-90-107.5 and 37-90-112, CRS, the application was published

in the Ranchland News newspaper on May 31, 2018 and June 7, 2018. No objections to the application were received within the time limit set by statute.

15. The Commission Staff has evaluated the application pursuant to Section 37-90-107.5, CRS, and the requirements of Rule 5.3.6.2(C) and Rule 5.6.
16. According to Rule 5.6.2 of the Designated Basin Rules:
 - a. The Applicant has the burden of proving the adequacy of the plan in all respects.
 - b. The Commission Staff shall propose any additional terms and conditions or limitations which are necessary to prevent material injury and to ensure that the plan is administrable and enforceable.
17. Based on the above, no material injury will occur to the water rights of large capacity wells producing from the alluvial aquifer of the Kiowa- Bijou Designated Ground Water Basin, the alluvial aquifer of the Upper Black Squirrel Creek Designated Ground Water Basin and the alluvial aquifer of the Upper Big Sandy Designated of Ground Water Basin, due to diversions from the Dawson Aquifer, if operated under this replacement plan, subject to the conditions given below.

ORDER

In accordance with Section 37-90-107.5, CRS, and the Designated Basin Rules, the Colorado Ground Water Commission orders that the application for a replacement plan to allow the withdrawal of ground water from the Dawson Aquifer underlying 19.98 acres that are the subject of Determination of Water Right no. 3557-BD is approved subject to the following conditions:

18. The Dawson Aquifer water will be withdrawn through four (4) wells to be located on four (4) residential lots. The allowed use of ground water for each well under this plan is use in 1 single family residence; irrigation of lawn and garden; and watering of domestic animals and livestock.
19. The allowed annual amount of ground water to be withdrawn from the aquifer by all wells operating under this plan shall not exceed 3.77 acre-feet. The allowed annual amount of water to be withdrawn from each on-lot well shall not exceed 0.94 acre-feet.
20. The applicant must obtain new well permits for the existing wells currently operated under permit nos. 77690 and 134102, to operate those wells pursuant to this replacement plan.
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 ground water from each well shall be recorded at least annually by the well owners, permanently maintained, and provided to the Commission.
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.

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware

24. Return flows from in-house use of ground water shall occur through individual on-lot non-evaporative septic systems located within the 19.98 acres of overlying land that are the subject of Determination of Water Right No. 3557-BD.
25. The septic systems must be constructed and operated to state and county health department standards.
26. 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.
27. The Applicant or their successor(s) are responsible for ensuring that replacement water is provided to the alluvial aquifer as required by this plan, and that the replacement prevents any material injury to the water rights of other appropriators. 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.
28. 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.
29. 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.
30. 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 100 years, at least one well must either continue pumping for replacement purposes, or an amended or alternate replacement plan must be obtained that will make the required replacement deliveries.
31. The Applicant or their successor(s) must gather, record and maintain permanent records of all information pertaining to operation of this plan, which shall include, but is not be limited to, those items identified below. The Applicant must submit records to the Commission and the Upper Black Squirrel Creek Ground Water Management District on forms acceptable to the Commission, on an annual basis for the previous calendar year, by February 15th of the following year.
 - a. Identification of all well permits issued and wells constructed under this plan.
 - b. The amount of water diverted by each well and all wells in total, both annually and cumulatively since operation of the plan began.
 - c. The number of occupied dwellings served by each well.
 - d. The number of square feet irrigated by each well.
 - e. The number of large domestic animals served by each well.
 - f. The return flows occurring from use of all wells operating under the plan, assuming 0.225 acre-feet per year (90% of the water used for in-house purposes) enters the alluvial aquifer as replacement water for each well serving an occupied dwelling.
 - g. Any other information the Commission deems relevant and necessary to operation,

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware

monitoring, accounting, or administration of the plan.

32. 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, evidence of the sale and notification to the new owner of their responsibility under the replacement plan shall accompany that year's accounting.
33. Any covenants adopted for this subdivision should contain a description of the replacement plan, including the limitations on water use for each lot, metering of well pumping, and how the plan is to be administered.
34. 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 ground water.
35. All terms and conditions of Determination of Water Right No. 3557-BD must be met.
36. Pursuant to Designated Basin Rule 5.6.1(F), the Commission retains jurisdiction to modify or revoke approval of this replacement plan if monitoring or operating experience reveals that the plan results in any material injury to water rights of other appropriators or in unreasonable impairment to water quality.
37. A copy of this Findings and Order shall be recorded by the Applicant in the real property records of El Paso County, so that a title examination of the above described property, or any part thereof, shall reveal to all future purchasers the existence of this replacement plan. The terms and conditions of this replacement plan shall be considered to be a covenant on and running with the subject property.

Dated this 24th day of July, 2018.

By: 

Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission



Keith Vander Horst, P.E.
Chief of Water Supply, Basins

F&ORP3557-BD.docx

Prepared by: nsm

**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 UPPER BLACK SQUIRREL CREEK DESIGNATED GROUNDWATER BASIN.

REPLACEMENT PLAN NO. 3557- RP, AMENDMENT NO. 1

FOR DETERMINATION OF WATER RIGHT NO. 3557-BD

AQUIFER: DAWSON

APPLICANT: MARK A. WARE AND LINDA G. WARE

In compliance with section 37-90-107.5, C.R.S. and the Designated Basin Rules, 2 CCR 410-1 (Rules or Rule), Mark A. Ware and Linda G. Ware (Applicant) submitted an application to amend the previously approved Replacement Plan 3557-RP to allow the withdrawal of groundwater from the Dawson Aquifer that has been allocated by Determination of Water Right No. 3557-BD.

FINDINGS

1. Pursuant to section 37-90-107(7), C.R.S., in a Findings and Order dated July 24, 2018, the Ground Water Commission (Commission) approved a Determination of a Right to an Allocation of Groundwater, No. 3557-BD, from the Dawson Aquifer (Aquifer), summarized as follows.
 - a. The determination quantified an amount of water from beneath 19.98 acres of overlying land generally described as part of the N 1/2 of the NW 1/4 of Section 18, Township 12 South, Range 64 West, Sixth P.M., in El Paso County (Overlying Land).
 - b. The allowed average annual amount of withdrawal shall not exceed 11.3 acre-feet, which based on an aquifer life of one hundred years results in an amount of water allocated of 1,130 acre-feet (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, irrigation, livestock watering and replacement.
 - 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. Pursuant to Section 37-90-107.5, C.R.S., in a Findings and Order dated July 24, 2018, the Commission approved a Replacement Plan to allow the withdrawal of groundwater from the Dawson Aquifer that has been allocated by Determination of Water Right No. 3557-BD. The replacement plan allowed for the withdrawal of 3.77 acre-feet annually for 300 years through four wells to be located on four residential lots within the 19.98 acres of Overlying Land described above. The Replacement Plan required the applicant to obtain new well permits for the existing wells currently operating under permit nos. 77690 and 134102, to operate those wells pursuant to the replacement plan. The Applicant is seeking to amend the replacement plan to remove the requirement to obtain a new well permit for the well currently operated under permit no. 77690 since that well is not located on the Overlying Land. No other changes to the replacement plan are being sought.

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware

- a. On January 5, 2022 Linda Ware filed an Application for Well Location Amendment to correct the location of well 77690. That well location amendment was approved on February 22, 2022. The corrected well location places the well at a location off of the Overlying Land.
3. The subject water is Designated Groundwater located within the boundaries of the Upper Black Squirrel Creek Designated Groundwater Basin and the Upper Black Squirrel Creek Ground Water Management District. The Commission has jurisdiction.
4. The application for amendment of the replacement plan was received by the Commission on July 7, 2021.
5. In accordance with Rule 5.6.4 the application was referred to the Upper Black Squirrel Creek Ground Water Management District on February 22, 2022. No response was received from the District.
6. 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 March 3, 2022 and March 10, 2022. No objections to the application were received within the time limit set by statute.
7. The Commission Staff has evaluated the application and finds that the amendment may be approved if the replacement plan is 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 the amendment of a replacement plan is approved subject to the following conditions:

8. Paragraph 20 of the 3557-RP replacement plan approved on July 24, 2018 is hereby amended to read: "The applicant must obtain a new well permit for the existing well currently operated under permit no. 134102, to operate the well pursuant to this replacement plan."
9. The requirement in Paragraph 20 of the 3557-RP replacement plan approved on July 24, 2018 to re-permit the well currently operated under permit no. 77690 to operate pursuant to the replacement plan is removed.
10. Approval of this replacement plan hereby amends the Ware Replacement Plan No. 3557-RP, approved by the Commission in a Findings and Order dated July 24, 2018 to incorporate the above change. All other terms and conditions in those Findings and Order shall remain in full force and effect.
11. Pursuant to Rule 5.6.1.E, a copy of this amended 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.

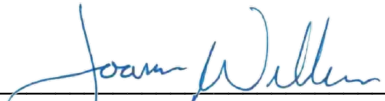
Dated this 30th day of August, 2022.

Aquifer: Dawson

Applicant: Mark A. Ware and Linda G. Ware



Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission

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

F&O3557-BD-RP.docx

Prepared by: aat

**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3556-BD

AQUIFER: Denver

APPLICANT: Mark A. Ware and Linda G. Ware

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Mark A. Ware and Linda G. Ware (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Denver Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 24, 2017.
2. The Applicant requests a determination of right to designated ground water in the Denver Aquifer (hereinafter "Aquifer") underlying 19.98 acres, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, in El Paso County. According to a signed Ownership Statement dated January 13, 2017, attached hereto as Exhibit A, the Applicant owns the 19.98 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 19.98 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 19.98 acres of Overlying Land claimed by the applicant is 1,020 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 17 percent.

Aquifer: Denver

Applicant: Mark A. Ware and Linda G. Ware

- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 300 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 10.2 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water 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.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable 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.
12. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant 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 and, therefore, the Underlying Ground Water is considered to be not-nontributary ground water. Also, the location of the land claimed by the Applicant is farther than one mile from the Aquifer contact with the alluvium. Pursuant to the Rules, at least four percent (4%) of the amount of the underlying water withdrawn annually must be returned to the uppermost aquifer in the vicinity of the permitted point or points of withdrawal, unless other locations are approved by the Commission.
13. On May 25, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 31, 2018 and June 7, 2018. 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 Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Denver Aquifer underlying 19.98 acres of land, generally described

Aquifer: Denver

Applicant: Mark A. Ware and Linda G. Ware


as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, further described in Exhibit A, is approved subject to the following conditions:

15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 10.2 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 1,020 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. 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.
20. At least four percent (4%) of the allowed amount of Underlying Ground Water withdrawn annually must be returned to the uppermost aquifer in the vicinity of the permitted point or points of withdrawal, unless other locations are approved by the Commission.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The place of use shall be limited to the above described 19.98 acres of Overlying Land. The ground water 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. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 19.98 acres of Overlying Land.
 - b. 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.
- c. The wells must be constructed to withdraw water from only the Denver Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. 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 and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. 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.
24. A copy of this Findings and Order 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 19.98 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground 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 of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Dated this 24th day of July, 2018.

By: 
Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission


Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: nsm
F&O3556-BD.doc

**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3555-BD

AQUIFER: Arapahoe

APPLICANT: Mark A. Ware and Linda G. Ware

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Mark A. Ware and Linda G. Ware (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Arapahoe Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 24, 2017.
2. The Applicant requests a determination of right to designated ground water in the Arapahoe Aquifer (hereinafter "Aquifer") underlying 19.98 acres, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, in El Paso County. According to a signed Ownership Statement dated January 13, 2017, attached hereto as Exhibit A, the Applicant owns the 19.98 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 19.98 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 19.98 acres of Overlying Land claimed by the applicant is 764 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 17 percent.

- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 225 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 7.64 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water 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.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable 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.
12. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant 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 of the annual rate of withdrawal and, therefore, the Underlying Ground Water is nontributary ground water as defined in Rule 4.2.19 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the Underlying Ground Water withdrawn annually shall be consumed.
13. On May 25, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 31, 2018 and June 7, 2018. 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 Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Arapahoe Aquifer underlying 19.98 acres of land, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, further described in Exhibit A, is approved subject to the following conditions:

15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 7.64 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 764 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. 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.
20. No more than 98% of the allowed amount of Underlying Ground Water withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the underlying ground water withdrawn is being consumed.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The place of use shall be limited to the above described 19.98 acres of Overlying Land. The ground water 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. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 19.98 acres of Overlying Land.
 - b. 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.

- c. The wells must be constructed to withdraw water from only the Arapahoe Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. 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 and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. 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.
24. A copy of this Findings and Order 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 19.98 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground 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 of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Dated this 24th day of July, 2018.

By: 
Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission


Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: nsm
F&O3555-BD.doc

**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3554-BD

AQUIFER: Laramie-Fox Hills

APPLICANT: Mark A. Ware and Linda G. Ware

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Mark A. Ware and Linda G. Ware (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Laramie-Fox Hills Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 24, 2017.
2. The Applicant requests a determination of right to designated ground water in the Laramie-Fox Hills Aquifer (hereinafter "Aquifer") underlying 19.98 acres, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, in El Paso County. According to a signed Ownership Statement dated January 13, 2017, attached hereto as Exhibit A, the Applicant owns the 19.98 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 19.98 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 19.98 acres of Overlying Land claimed by the applicant is 599 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 15 percent.

- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 200 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 5.99 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water 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.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable 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.
12. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant 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 of the annual rate of withdrawal and, therefore, the Underlying Ground Water is nontributary ground water as defined in Rule 4.2.19 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the Underlying Ground Water withdrawn annually shall be consumed.
13. On May 25, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 31, 2018 and June 7, 2018. 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 Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Laramie-Fox Hills Aquifer underlying 19.98 acres of land, generally described as part of the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M, further described in Exhibit A, is approved subject to the following conditions:

15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 5.99 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 599 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. 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.
20. No more than 98% of the allowed amount of Underlying Ground Water withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the underlying ground water withdrawn is being consumed.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: domestic, irrigation, livestock watering, and replacement. The place of use shall be limited to the above described 19.98 acres of Overlying Land. The ground water 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. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 19.98 acres of Overlying Land.
 - b. 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.

- c. The wells must be constructed to withdraw water from only the Laramie-Fox Hills Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. 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 and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. 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.
24. A copy of this Findings and Order 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 19.98 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground 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 of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Dated this 24th day of July, 2018.

By: 
Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission


Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: nsm
F&O3554-BD.doc

WARRANTY DEED

State Doc Fee: \$90.00
Recording Fee: \$18.00

THIS DEED is dated the 31 day of October, 2022, and is made between

Linda Ware (PARCEL A)
Linda G. Ware (PARCEL B)
Mark A. Ware (PARCEL C AND C1)

(whether one, or more than one), the "Grantor" of the County of El Paso and State of Colorado and

Jon Knecht

In **Severalty**, (whether one, or more than one), the "Grantee", whose legal address is 12375 Meridian Road, Elbert, CO 80106 of the County of El Paso and State of Colorado.

WITNESS, that the Grantor, for and in consideration of the sum of Nine Hundred Thousand Dollars and No Cents (\$900,000.00), the receipt and sufficiency of which is hereby acknowledged, hereby grants, bargains, sells, conveys and confirms unto the Grantee and the Grantee's heirs and assigns forever, all the real property, together with any improvements thereon, located in the County of El Paso and State of Colorado described as follows:

PARCEL A:

That portion of the Northwest quarter of Section 18, in Township 12 South, Range 64 West of the 6th P.M., described as follows:

Beginning at the Northwest corner of said Section 18; thence Southerly on the West line of said Section 18, 787.15 feet; thence angle left 100° Northeasterly 289.40 feet; thence Northerly parallel to the West line of said Section 18, 736.90 feet to intersect the North line of said Section 18; thence Westerly on the North line of said Section 18, 285.00 feet to the point of beginning, County of El Paso, State of Colorado.

PARCEL B:

That portion of the Northwest quarter of Section 18, in Township 12 South, Range 64 West of the 6th P.M., El Paso County, Colorado, more particularly described as follows:

Beginning at the Northeast corner of that tract of land recorded in Book 2364 at Page 289 of the records of El Paso County; thence S89°16'18" E along the Northerly line of said Northwest quarter of Section 18, also being the Southerly line of "Latigo Country Estates Filing No. 1" as recorded in Plat Book H-3 at Page 5 of said records, 1244.19 feet; thence S 12°02'24" W, 757.41 feet; thence N66°21'11" W, 571.16 feet; thence S63°41'21" W, 182.91 feet; thence N73°00'43" W, 417.47 feet to the point on the Easterly line of said tract as recorded in Book 2364 at Page 289; thence N00°02'12" E along said Easterly line, 486.57 feet to the point of beginning, LESS and EXCEPT that portion conveyed by Deed recorded in Book 5140 at Page 635.

PARCEL C:

That portion of the Northwest quarter of Section 18, in Township 12 South, Range 64 West of the 6th P.M., El Paso County, Colorado, more particularly described as follows:

Commencing at the Northwest corner of said Section 18; thence S89°16'18" E, (all bearings used in this description are relative to the North line of the Northwest quarter of said Section 18, which was assumed to be S89°16'18" E) on the North line of the Northwest quarter of said Section, 285.03 feet to a point on the Easterly line of that parcel described in Book 2364 at Page 288 of the records of said County; thence S00°01'14" W on said Easterly line, 60.00 feet to a point on a line being 60.00 feet Southerly of and parallel with said North line of the Northwest quarter of Section 18 and the True Point of Beginning; Thence S89°16'18" E, 156.95 feet; thence S00°01'14" W, 472.56 feet to a point on the Southerly line of that parcel described in Book 3414 at Page 217 of said records; thence Easterly on said Southerly line for the following three (3) courses: (1) thence S73°00'43" E, 253.24 feet; (2) thence N63°41'21" E, 182.84 feet; (3) thence S66°21'11" E, 285.58 feet; thence N00°01'14" E, 242.25 feet; thence n44°16'18" W, 508.06 feet to a point on a line being 30.00 feet Southerly of and parallel with the aforementioned North line of the Northwest quarter of Section 18; thence N89°16'18" W on said parallel line, 469.97 feet to a point on the aforementioned Easterly line of that parcel described in Book 2364 at Page 288; thence S00°01'14" W on said Easterly line, 30.00 feet to the point of beginning.

PARCEL C1:

A perpetual, non-exclusive easement for ingress and egress purposes over the Southerly 30 feet of the Northerly 60 feet of the following parcel of land:

That portion of the Northwest quarter of Section 18, in Township 12 South, Range 64 West of the 6th P.M., described as follows:

Beginning at the Northeast corner of said Section 18; thence Southerly on the West line of said Section 18, 787.15 feet; thence angle left 100 degrees Northeasterly 289.40 feet; thence Northerly parallel to the West line of said Section 18, 736.90 feet to intersect the North line of said Section 18; thence Westerly on the North line of said Section 18, 285.00 feet to the point of beginning, in El Paso County, Colorado.

also known by street address as: 12375 Meridian Road, Elbert, CO 80106

TOGETHER with all and singular the hereditaments and appurtenances thereto belonging, or in anywise appertaining, the reversions, 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 bargained premises, with the hereditaments and appurtenances;

TO HAVE AND TO HOLD the said premises above bargained and described, with the appurtenances, unto the Grantees, and the Grantees' heirs and assigns forever.

The Grantor, for the Grantor and the Grantor's heirs and assigns, does covenant, grant, bargain, and agree to and with the Grantee, and the Grantee's heirs and assigns: that at the time of the ensealing and delivery of these presents, the Grantor is well seized of the premises above described; has good, sure, perfect, absolute and indefeasible estate of inheritance, in law, and in fee simple; and has 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, encumbrances and restrictions of whatever kind or nature soever, except and subject to: Statutory Exceptions as defined in C.R.S. § 38-30-113(5)(a).

And the Grantor shall and will WARRANT THE TITLE AND DEFEND the above described premises, in the quiet and peaceable possession of the Grantees, and the heirs and assigns of the Grantees, against all and every person or persons lawfully claiming the whole or any part thereof.

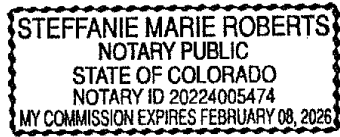
IN WITNESS WHEREOF, the Grantor has executed this deed on the date set forth above.

Linda Ware Linda G. Ware Mark A. Ware
Linda Ware AKA Linda G. Ware Mark A. Ware

State of Colorado
County of El Paso

The foregoing instrument was acknowledged before me this 31 day of October, 2022 by Linda Ware AKA Linda G. Ware

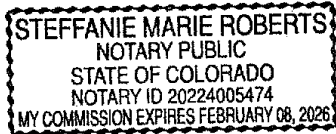
Steffanie Marie Roberts
Notary Public:
My Commission Expires: 2-8-26



State of Colorado
County of El Paso

The foregoing instrument was acknowledged before me this 31 day of October, 2022 by Mark A. Ware.

Steffanie Marie Roberts
Notary Public:
My Commission Expires: 2-8-26



LEGAL DESCRIPTION OF KNECHT PROPERTY

19.98-acre Parcel

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF THAT TRACT OF LAND RECORDED IN BOOK 2364 AT PAGE 289 OF THE RECORDS OF SAID EL PASO COUNTY; THENCE S 89° 16'18" E ALONG THE NORTHERLY LINE OF SAID NORTHWEST QUARTER OF SECTION 18, ALSO BEING THE SOUTHERLY LINE OF "LATIGO COUNTRY ESTATES FILING NO. 1" AS RECORDED IN PLAT BOOK H-3 AT PAGE 5 OF SAID RECORDS, 1244.19 FEET; THENCE S 12° 02' 24" W, 757.41 FEET; THENCE N 66° 21' 11" W, 571.16 FEET; THENCE S 63° 41' 21" W, 182.91 FEET; THENCE N 73° 00' 43" W, 417.47 FEET TO A POINT ON THE EASTERLY LINE OF SAID TRACT AS RECORDED IN BOOK 2364 AT PAGE 289; THENCE N 00° 02' 12" E ALONG SAID EASTERLY LINE, 486.57 FEET TO THE POINT OF BEGINNING.

AND

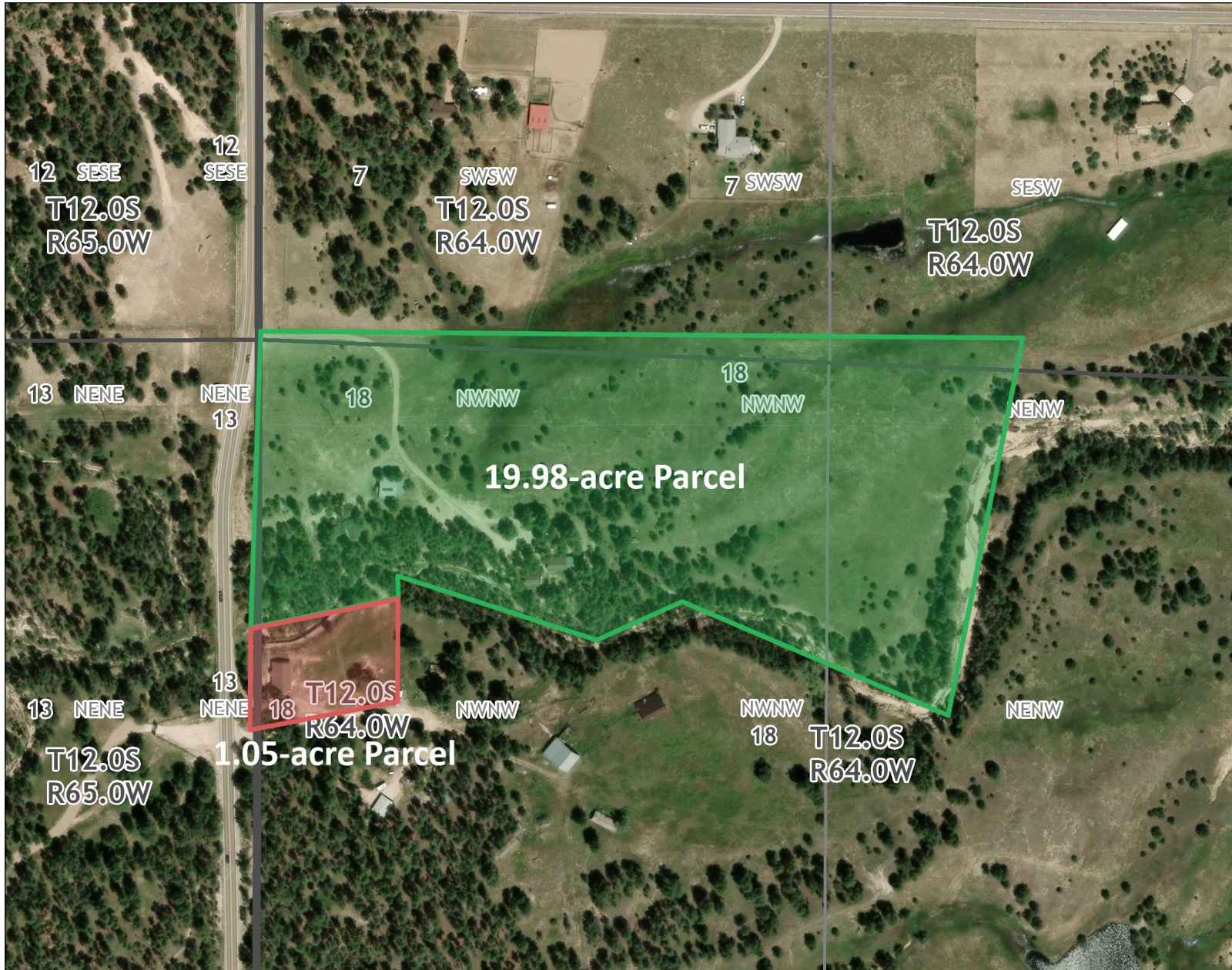
THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18 IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 18; THENCE SOUTHERLY ON THE WEST LINE OF SAID SECTION 18, 580.15 FEET; THENCE ANGLE LEFT 100° NORTHEASTERLY 289.40 FEET; THENCE NORTHERLY PARALLEL TO THE WEST LINE OF SAID SECTION 18, 529.90 FEET TO INTERSECT THE NORTH LINE OF SAID SECTION 18; THENCE WESTERLY ON THE NORTH LINE OF SAID SECTION 18, 285.00 FEET TO THE POINT OF BEGINNING.

1.05-acre Parcel

TRACT IN NW4 OF SEC 18-12-64 AS FOLLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB



Aerial of Knecht Property

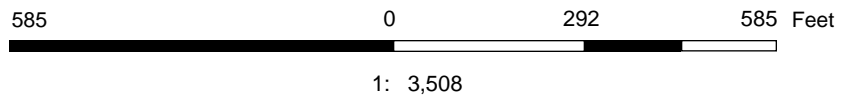


Legend

- Township
- Section
- Q40
- County

Location

Notes

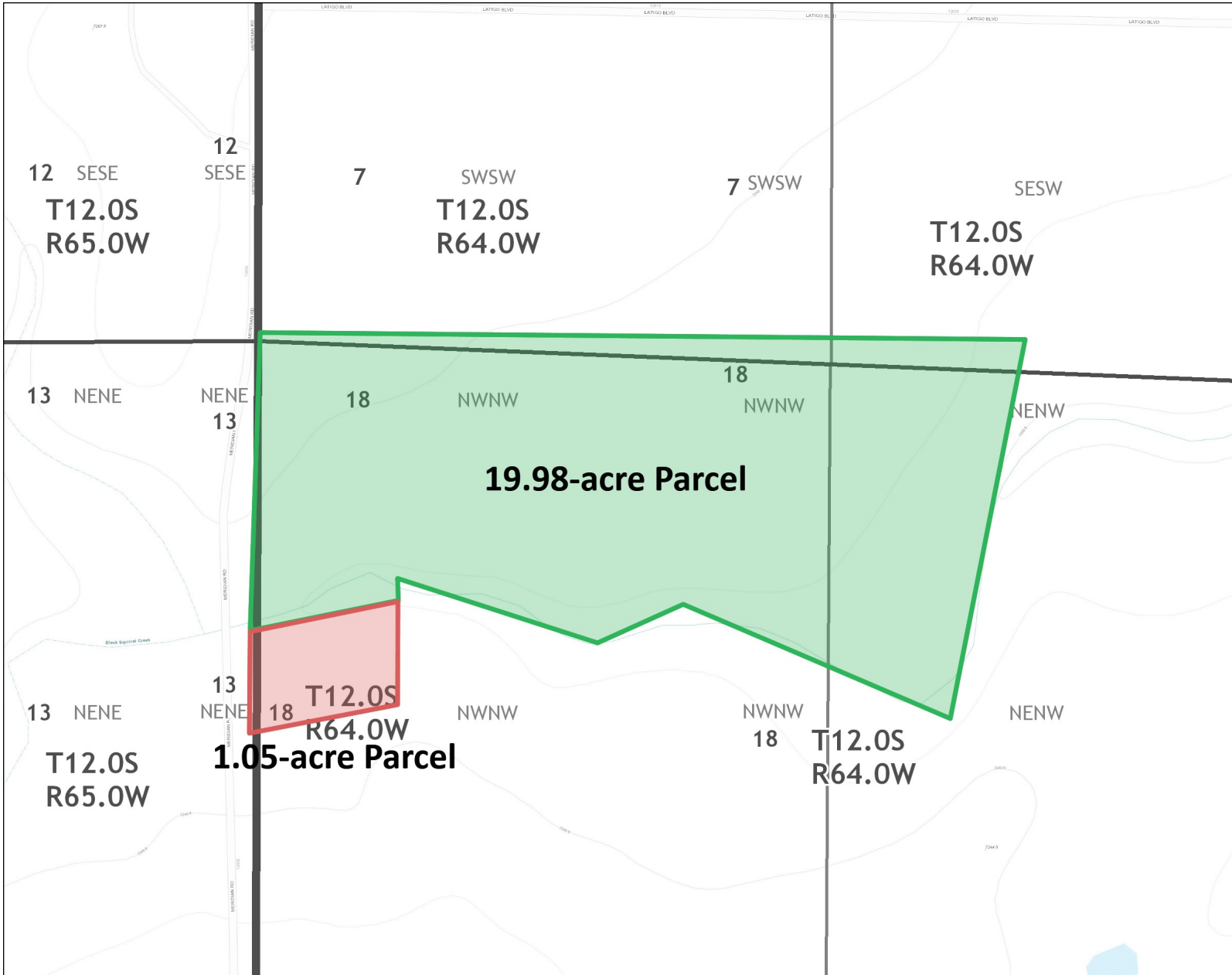


This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:52:33 PM



Topo of Knecht Property



Legend

- Township
- Section
- Q40
- County

Location

Notes

585 0 292 585 Feet



1: 3,508

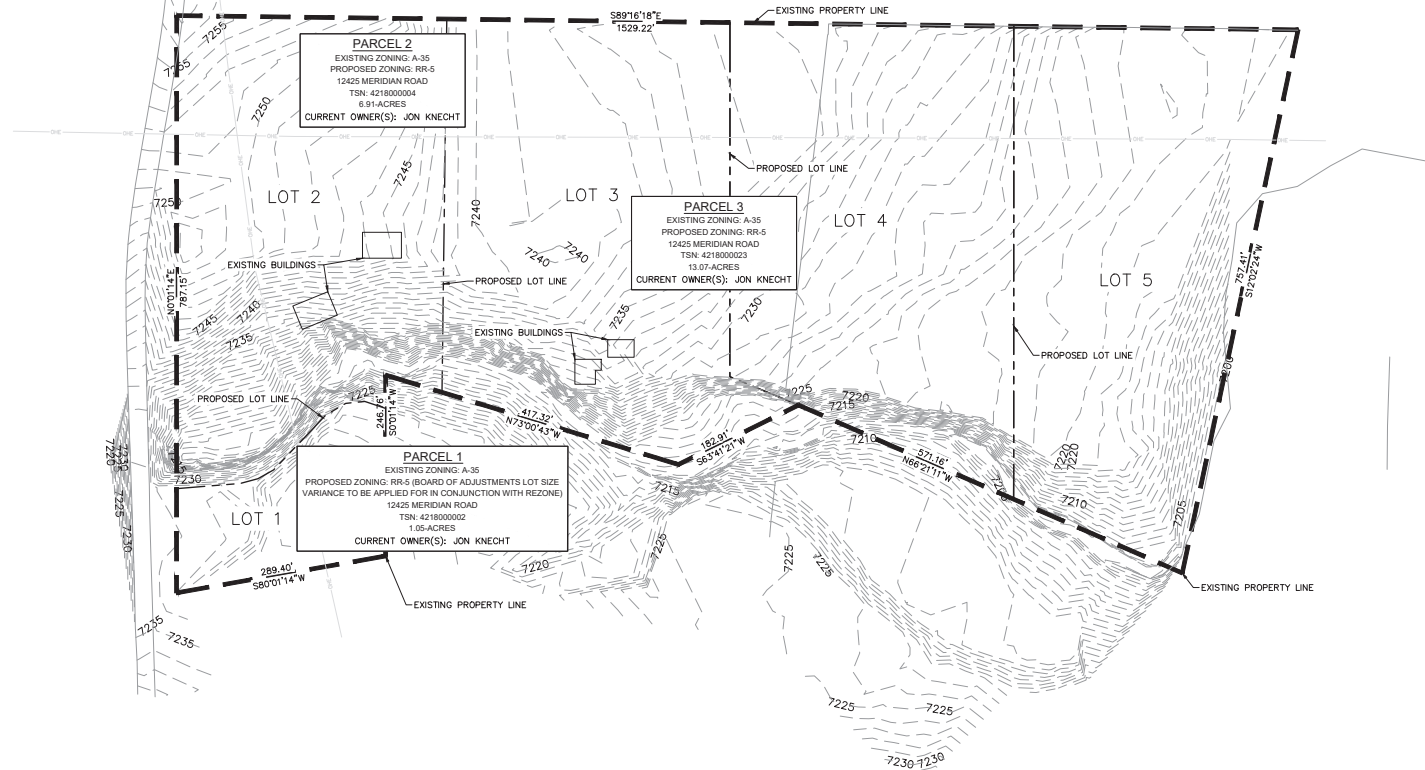


This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:56:39 PM

KNECHT MINOR SUBDIVISION

REZONE
 A PORTION OF THE NORTHWEST QUARTER OF SECTION
 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH
 P.M., COUNTY OF EL PASO, STATE OF COLORADO



PROPERTY DESCRIPTION:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF THAT TRACT OF LAND RECORDED IN BOOK 2364 AT PAGE 289 OF THE RECORDS OF SAID EL PASO COUNTY; THENCE S89°16'18"E ALONG THE NORTHERLY LINE OF SAID NORTHWEST QUARTER OF SECTION 18, ALSO BEING THE SOUTHERLY LINE OF "LATIGO COUNTRY ESTATES FILING NO 1" AS RECORDED IN PLAT BOOK H-3 AT PAGE 5 OF SAID RECORDS, 1244.18 FEET; THENCE S12°02'24"W, 757.41 FEET; THENCE N66°21'11"W, 571.16 FEET; THENCE S63°41'21"W, 182.91 FEET; THENCE N73°00'43"W, 417.47 FEET TO A POINT ON THE EASTERLY LINE OF SAID TRACT AS RECORDED IN BOOK 2364 AT PAGE 289; THENCE N00°02'12"E ALONG SAID EASTERLY LINE, 486.57 FEET TO THE POINT OF BEGINNING.

ALSO INCLUDING:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18 IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 18; THENCE SOUTHERLY ON THE WEST LINE OF SAID SECTION 18, 787.15 FEET; THENCE ANGLE LEFT 100° NORTHEASTERLY 289.45 FEET; THENCE NORTHERLY PARALLEL TO THE WEST LINE OF SAID SECTION 18, 736.90 FEET TO INTERSECT THE NORTH LINE OF SAID SECTION 18; THENCE WESTERLY ON THE NORTH LINE OF SAID SECTION 18, 285.00 FEET TO THE POINT OF BEGINNING, IN EL PASO COUNTY, COLORADO

NOTES:

- FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, MAP NUMBER 08040340G, EFFECTIVE DATE DECEMBER 7, 2016, INDICATES THE AREA IN THE VICINITY OF THIS PARCEL OF LAND TO BE A ZONE X (AREA DETERMINED TO BE OUT OF THE 500 YEAR FLOOD PLAIN) AND ZONE A (NO BASE FLOOD ELEVATIONS DETERMINED)
- THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY LDC, INC. TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD. THE CLIENT DID NOT PROVIDE A TITLE COMMITMENT FOR THE PROPERTY, THEREFORE, NO RIGHTS-OF-WAY OR EASEMENTS OF RECORD WERE AVAILABLE FOR REVIEW BY LDC, INC. WITH THIS SURVEY.
- SITE BENCHMARK: NOS BLACK 1953 IS A STANDARD ALUMINUM DISK SET IN THE TOP OF A 8" ROUND CONCRETE POST, PROJECTING 12" ABOVE THE GROUND. IT IS LOCATED 3.95 MILES NORTH OF THE INTERSECTION OF U.S HIGHWAY 24 AND MERIDIAN ROAD TO AN AZIMUTH MARK ON THE LEFT, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.25 MILES TO A SIDE ROAD LEFT, REX ROAD, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.85 MILES TO THE STATION ON THE LEFT. IT IS 47.6 FEET NORTHEAST FROM A POWER POLE, 30.35 FEET WEST FROM THE CENTER LINE OF MERIDIAN ROAD, 2.6 FEET NORTH FROM A WITNESS POST, 2.46 FEET EAST FROM THE RIGHT OF WAY FENCE AND ELEVATION = 7318.00 "NAVD DATUM".
- DATE OF TOPOGRAPHIC/IMPROVEMENT SURVEY: NOVEMBER 07, 2016.
- THIS LOT EXISTS WITH NATIVE GRASSES, BUSHES AND FEEDER DECIDUOUS TREES THROUGHOUT, WITH MISCELLANEOUS CONCRETE, DEBRIS AND DIRT PILES AT THE TOE OF SLOPE/SIDE SLOPE VICINITIES.



REZONE PLAN
 SHEET 1 OF 1

KNECHT MINOR SUBDIVISION REZONE - PCD FILE # X-XX-XXX

Kimley»Horn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
 2 NORTH NEVADA AVENUE, SUITE 900
 COLORADO SPRINGS, COLORADO 80903 (719) 453-0180

K:\CS\CD\18172920_Knecht Minor Subdivision\CD\18172920_Knecht Minor Subdivision - Revised (R) - 06-14-23.dwg, Jun 23, 2023, 10:38am

**APPLICATION FOR A DETERMINATION OF WATER RIGHT
 WITHIN A DESIGNATED GROUNDWATER BASIN**

This application is to be used to apply for a determination of right to groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifer underlying land area located within a Designated Groundwater Basin pursuant to Section 37-90-107(7), C.R.S. A separate form must be used for each aquifer. Review the instructions on the reverse of this form. This form must be completed, signed, dated and submitted to the Ground Water Commission with a non-refundable \$60 filing fee. Accepted payment options and form submittal instructions can be found on our website Colorado.gov/water. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212	Email rwf@cowaterlaw.com		
2. AQUIFER: Dawson	3. AMOUNT OF OVERLYING LAND: Acres 1.05		
4. OVERLYING LAND OWNERSHIP OR UNDERLYING WATER RIGHT OWNERSHIP DOCUMENTATION – A Nontributary Groundwater Landownership Statement (form GWS-1) or Nontributary Groundwater Consent Claim (form GWS-3A) that includes a description of the overlying land must be submitted as an attachment to the application.			
5. EXISTING WELLS – Are there any wells located on the overlying land? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If yes: 1) Provide a complete list of all wells located on the overlying land as an attachment to this application; and 2) For all wells producing from the subject aquifer indicate whether the well will continue to operate under its existing well permit or water right, or whether the well is to be re-permitted to withdraw the ground water being allocated by the Determination of Water Right.			
6. TYPE OF USE – Description of intended beneficial uses of the ground water Domestic, irrigation, livestock watering			
7. PLACE OF USE – The intended place of use of the ground water shall be considered to be the overlying land area claimed and described in Items 3 and 4 above, unless an attachment provides a legal description of an additional and/or alternate place of use. The overlying 1.05 acres described on the attached deed and legal description			
8. THE APPLICANT MUST PROVIDE evidence that the applicant has given notice of the application by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of, and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located (see instructions for exceptions). Evidence that the notice has been given is to be provided by submitting a Verification of Notice of Application (form no. GWS-43). See instructions on the reverse of this form, and form no. GWS-043, for exceptions to this requirement.			
9. 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: _____ Date: 04/04/2024 Print name and title: Ryan W. Farr, Attorney for Applicant			
FOR OFFICE USE ONLY			

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

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 Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Dawson			
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>1.05</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). TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB - 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:  Date: <u>04/04/2024</u> Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			

Form no. **DIVISION OF WATER RESOURCES**
 GWS-43 **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

VERIFICATION OF NOTICE OF APPLICATION

This form is to be submitted with applications for the following.

- 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

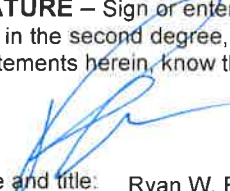
NOTE: Form submittal instructions can be found on our website Colorado.gov/water. See instructions on the reverse of this form for exceptions to the above list. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Dawson			
<p>3. NOTICE OF APPLICATION – I hereby claim that I have given notice pursuant to section 37-90-137(4)(b.5), C.R.S., or Designated Basin Rule 5.3.2.2, or Designated Basin Rule 5.4.2.2, as applicable, of application for a well permit or determination of water right by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of the overlying land and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located.</p> <p>The names of the persons that were given notice are listed below (type "No notice required" if no persons, other than the Applicant, own or have a lien or mortgage upon, or deed of trust to, the overlying land):</p> <p>Not Applicable. No lienholders or other owners.</p>			
<p>4. 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.</p> <p>Signature:  _____ Date: <u>04/04/2024</u></p> <p>Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u></p>			

Form no. **COLORADO GROUND WATER COMMISSION**
 GWS-67 **DIVISION OF WATER RESOURCES**
 (1/2020) **DEPARTMENT OF NATURAL RESOURCES**
1313 Sherman St, Room 821, Denver, CO 80203
(303) 866-3581, dwr.colorado.gov, dwrpermitsonline@state.co.us

APPLICATION TO CHANGE A DETERMINATION OF WATER RIGHT

This application is to be used to apply to change a Determination of Water Right for the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers that was approved by the Ground Water Commission. This is an application for a change of water right pursuant to Section 37-90-107(7), C.R.S. This form must be completed, signed, dated and submitted to the Commission with a non-refundable \$100 filing fee. Accepted payment options and form submittal instructions can be found on our website Colorado.gov/water. Review the instructions on the reverse of this form. Type or print in black ink.

1. DETERMINATION NUMBER: 3557-BD		AQUIFER: Dawson	
2. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
3. DESCRIPTION OF PROPOSED CHANGE – Provide a complete description of the change(s) being applied for.			
<input type="checkbox"/> CHANGE TYPE OF USE – Describe all proposed beneficial uses			
<input checked="" type="checkbox"/> CHANGE PLACE OF USE – Provide a complete legal description of the proposed place of use			
<input type="checkbox"/> OTHER – describe proposed changes			
4. CLAIM OF OWNERSHIP – I hereby claim that I am the owner of the following amount of the water right.			
- A volume of <u>1,130</u> acre-feet. OR			
- An average annual amount of withdrawal of _____ acre-feet per year (based on a 100-year aquifer life). OR			
- An average annual amount of withdrawal of _____ acre-feet per year (based on a period of _____ years).			
NOTE: The amount must be specified as a volume if the Determination of Water Right included terms and conditions requiring that any action taken that is intended to convey, transfer, and/or sell the subject water right explicitly identify the total amount (i.e. volume) of the right that is conveyed.			
5. EVIDENCE OF OWNERSHIP – If applicant is not the same party to whom the Determination was originally issued, a copy of a deed that has been recorded with the county must be provided showing that the applicant owns the amount of the right for which the change is applied.			
6. 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: 		Date: <u>4/4/2024</u>	
Print name and title: Ryan W. Farr, Attorney for Applicant			
FOR OFFICE USE ONLY			
DIV _____ WD _____ BASIN _____ MD _____ CO _____			

STATEMENT OF OWNERSHIP OF AN AMOUNT OF A GROUNDWATER RIGHT WITHIN A DENVER BASIN BEDROCK AQUIFER OR A NONTRIBUTARY AQUIFER

This statement is to be submitted with the following applications, see instructions for additional information:

Outside of the Designated Basins:

- 1) Well Permit application to withdraw Denver Basin or nontributary groundwater quantified by the Water Court pursuant to a court decree; OR
- 2) Well Permit application for an additional well to well permit(s) issued by the State Engineer pursuant to section 37-90-137(4), C.R.S., where the water has not been quantified by the Water Court.

Within the Designated Basins:

- 1) Well Permit application to withdraw Denver Basin groundwater allocated in a Determination of Water Right issued by the Ground Water Commission pursuant to section 37-90-107(7), C.R.S.; OR
- 2) Well Permit application to withdraw water quantified by a well permit previously issued by the Ground Water Commission pursuant to Designated Basin Rule 5.4; OR
- 3) Application to change a Determination of Water Right; OR
- 4) Application for a replacement plan that seeks to withdraw Denver Basin groundwater and/or use Denver Basin groundwater as a replacement source.

Review the instructions on Page 2 of this form. This form must be completed, signed, dated and submitted along with the application (i.e. well permit application, change of Determination of Water Right application or replacement plan application).

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. COURT CASE (DECREE), WELL PERMIT, OR DETERMINATION NO. 3557-BD		3. AQUIFER Dawson	
4. STATEMENT OF OWNERSHIP – I hereby state that I am the owner of the following amount of the water right quantified in the decree, well permit, or Determination of Water Right identified above. 1) An average annual amount of withdrawal of _____ acre-feet per year (based on a 100-year aquifer life). OR 2) An average annual amount of withdrawal of _____ acre-feet per year (based on a period of ___ years). OR 3) A volume of <u>1,130</u> _____ acre-feet . OR NOTE: An average annual amount will be expressed in the relevant documents (i.e. evidence of ownership, decree, well permit, Determination of Water Right) as an acre-feet per year amount. A volume will be expressed as an acre-feet amount. If an average annual withdrawal is being provided the relevant documents must be reviewed to determine the aquifer life upon which such withdrawals were based and that period must be provided. See the instructions for additional information.			
5. EVIDENCE OF OWNERSHIP – If the applicant is not the same party to whom the decree, well permit, or Determination of Water Right was originally issued, a copy of a deed that has been recorded with the county must be provided showing that the applicant owns the amount of the water right claimed herein.			
6. WELL FIELD – Is this well proposed to operate as a well field with any other wells? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If yes: Provide a complete list of all wells, and their permit numbers, that will operate as a well field.			
7. 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 section. 24-4-104(13)(a), C.R.S. I have read the statements herein, know the contents thereof, and state that they are true to my knowledge.			
Signature(s) of the well owner or agent 	Please print the Signer's Name & Title Ryan W. Farr, Attorney for Applicant		Date 04/04/2024

Form no. **DIVISION OF WATER RESOURCES**
GWS-43 **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

VERIFICATION OF NOTICE OF APPLICATION

This form is to be submitted with applications for the following.

- 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 for exceptions to the above list. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road		City Elbert	State Colorado
Zip Code 80106			
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Dawson			
3. NOTICE OF APPLICATION – I hereby claim that I have given notice pursuant to section 37-90-137(4)(b.5), C.R.S., or Designated Basin Rule 5.3.2.2, or Designated Basin Rule 5.4.2.2, as applicable, of application for a well permit or determination of water right by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of the overlying land and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located. The names of the persons that were given notice are listed below (type "No notice required" if no persons, other than the Applicant, own or have a lien or mortgage upon, or deed of trust to, the overlying land): Not Applicable. No lienholders or other owners.			
4. 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: 		Date: 04/04/2024	
Print name and title: Ryan W. Farr, Attorney for Applicant			

EXPLANATION FOR AMENDED DETERMINATION 3557-BD

Jon Knecht

The Applicant is seeking to amend the determination issued under the Colorado Ground Water Commission Findings and Order Determination No. 3557-BD in order to provide additional water to a contiguous 1.05-acre parcel described as:

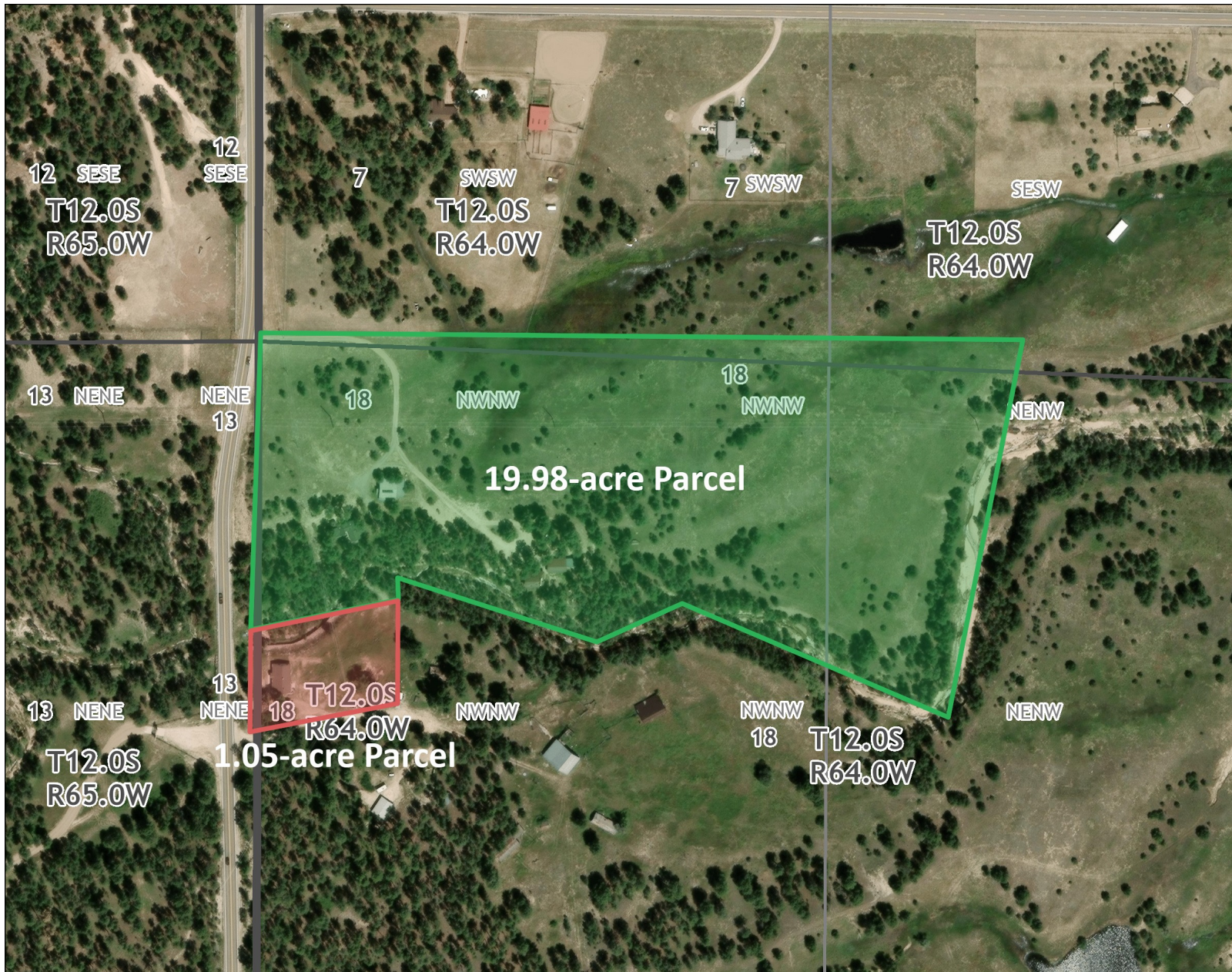
TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB

("Additional Parcel")

Applicant seeks to include the Additional Parcel into a planned subdivision and in doing so, needs to provide a 300-year water supply to the Additional Parcel. Based on current modeling by Applicant's water resource engineer, the amount of Dawson aquifer water underlying the Additional Parcel amounts to around 61 acre-feet. 61 acre-feet utilized over the course of 300 years amounts to 0.20 acre-feet per year of pumping. Such amount is insufficient for both El Paso County requirements and the planned development for the subdivision. Applicant intends to provide each lot the ability to pump 0.50 acre-feet annually for water supply needs. As such, Determination No. 3557-BD needs to be amended to allow enough water to be used by the Additional Parcel to be able to pump 0.50 acre-feet of water annually for 300 years. Based on current modeling by the Applicant's water resource engineer, this would amount to an additional 89 acre-feet to be allocated to the Additional Parcel. However, actual allocation should be predicated on the Colorado Ground Water Commission determined amount for the Additional Parcel and the difference needed to allow for 0.50 acre-feet of pumping for 300 years.



EXHIBIT B - Aerial of Knecht Property

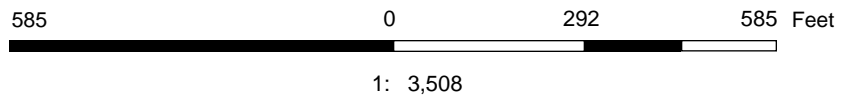


Legend

- Township
- Section
- Q40
- County

Location

Notes

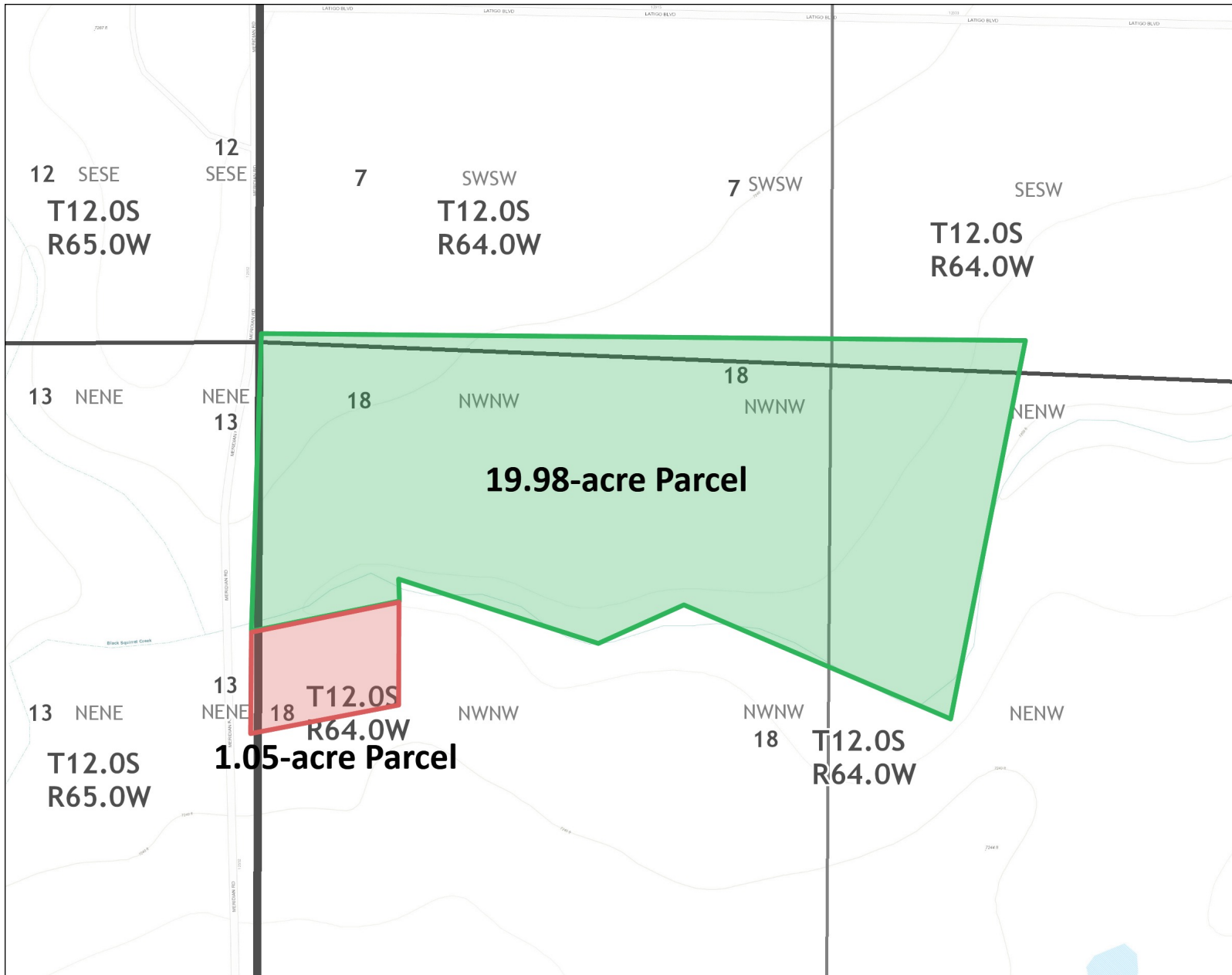


This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:52:33 PM



EXHIBIT B - Topo of Knecht Property



Legend

- Township
- Section
- Q40
- County

Location

Notes

585 0 292 585 Feet



1: 3,508



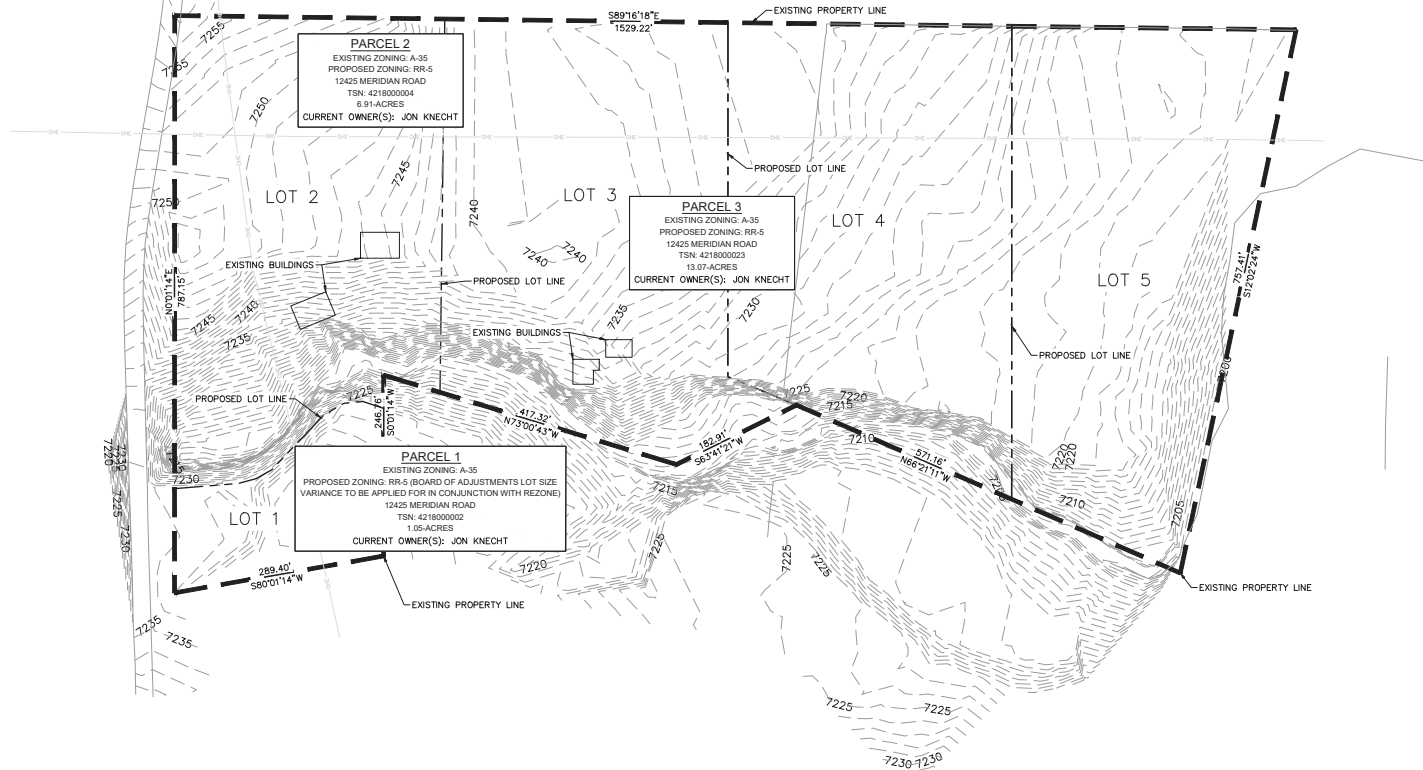
This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:56:39 PM

KNECHT MINOR SUBDIVISION

REZONE
A PORTION OF THE NORTHWEST QUARTER OF SECTION
18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH
P.M., COUNTY OF EL PASO, STATE OF COLORADO

EXHIBIT B



PROPERTY DESCRIPTION:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF THAT TRACT OF LAND RECORDED IN BOOK 2364 AT PAGE 289 OF THE RECORDS OF SAID EL PASO COUNTY; THENCE S89°16'18"E ALONG THE NORTHERLY LINE OF SAID NORTHWEST QUARTER OF SECTION 18, ALSO BEING THE SOUTHERLY LINE OF "LATIGO COUNTRY ESTATES FILING NO. 1" AS RECORDED IN PLAT BOOK H-3 AT PAGE 5 OF SAID RECORDS, 1244.18 FEET; THENCE S12°02'24"W, 757.41 FEET; THENCE N66°21'11"W, 571.16 FEET; THENCE S63°41'21"W, 182.91 FEET; THENCE N73°00'43"W, 417.47 FEET TO A POINT ON THE EASTERLY LINE OF SAID TRACT AS RECORDED IN BOOK 2364 AT PAGE 289; THENCE N00°02'12"E ALONG SAID EASTERLY LINE, 486.57 FEET TO THE POINT OF BEGINNING.

ALSO INCLUDING:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18 IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 18; THENCE SOUTHERLY ON THE WEST LINE OF SAID SECTION 18, 787.15 FEET; THENCE ANGLE LEFT 100° NORTHEASTERLY 289.45 FEET; THENCE NORTHERLY PARALLEL TO THE WEST LINE OF SAID SECTION 18, 736.90 FEET TO INTERSECT THE NORTH LINE OF SAID SECTION 18; THENCE WESTERLY ON THE NORTH LINE OF SAID SECTION 18, 285.00 FEET TO THE POINT OF BEGINNING, IN EL PASO COUNTY, COLORADO

NOTES:

- FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, MAP NUMBER 08040340G, EFFECTIVE DATE DECEMBER 7, 2016, INDICATES THE AREA IN THE VICINITY OF THIS PARCEL OF LAND TO BE A ZONE X (AREA DETERMINED TO BE OUT OF THE 500 YEAR FLOOD PLAIN) AND ZONE A (NO BASE FLOOD ELEVATIONS DETERMINED)
- THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY LDC, INC. TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD. THE CLIENT DID NOT PROVIDE A TITLE COMMITMENT FOR THE PROPERTY, THEREFORE, NO RIGHTS-OF-WAY OR EASEMENTS OF RECORD WERE AVAILABLE FOR REVIEW BY LDC, INC. WITH THIS SURVEY.
- SITE BENCHMARK: NOS BLACK 1953 IS A STANDARD ALUMINUM DISK SET IN THE TOP OF A 8" ROUND CONCRETE POST, PROJECTING 12" ABOVE THE GROUND. IT IS LOCATED 3.95 MILES NORTH OF THE INTERSECTION OF U.S. HIGHWAY 24 AND MERIDIAN ROAD TO AN AZIMUTH MARK ON THE LEFT, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.25 MILES TO A SIDE ROAD LEFT, REX ROAD, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.85 MILES TO THE STATION ON THE LEFT. IT IS 47.6 FEET NORTHEAST FROM A POWER POLE, 30.35 FEET WEST FROM THE CENTER LINE OF MERIDIAN ROAD, 2.6 FEET NORTH FROM A WITNESS POST, 2.46 FEET EAST FROM THE RIGHT OF WAY FENCE AND ELEVATION = 7318.00 "NAVD DATUM".
- DATE OF TOPOGRAPHIC/IMPROVEMENT SURVEY: NOVEMBER 07, 2016.
- THIS LOT EXISTS WITH NATIVE GRASSES, BUSHES AND FEEDER DECIDUOUS TREES THROUGHOUT, WITH MISCELLANEOUS CONCRETE, DEBRIS AND DIRT PILES AT THE TOE OF SLOPE/SIDE SLOPE VICINITIES.



K:\CS2\Chili\0175292_Knecht Minor Subdivision\CD\CD\Exhibit B\0175292000_Knecht Minor Subdivision - Revised.dwg, Jun 23, 2023, 10:38am

Kimley»Horn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
2 NORTH NEVADA AVENUE, SUITE 900
COLORADO SPRINGS, COLORADO 80903 (719) 453-0180

REZONE PLAN
SHEET 1 OF 1

KNECHT MINOR SUBDIVISION REZONE - PCD FILE # X-XX-XXX

Form no. **COLORADO GROUND WATER COMMISSION**
 GWS-69 **DIVISION OF WATER RESOURCES**
 (5/2019) **DEPARTMENT OF NATURAL RESOURCES**
1313 Sherman St, Room 821, Denver, CO 80203
(303) 866-3581, dwr.colorado.gov, dwrpermitsonline@state.co.us

**APPLICATION FOR A REPLACEMENT PLAN
 WITHIN A DESIGNATED GROUND WATER BASIN**

NOTE: This application may only be used to request Ground Water Commission approval of a replacement plan within a Designated Ground Water Basin pursuant to Section 37-90-107.5, C.R.S. Review the instructions on the reverse of this form. This form must be completed, signed, dated and submitted to the Commission with a non-refundable \$100 filing fee. Type or print in black ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER AND GENERAL DESCRIPTION OF THE LOCATION OF THE PLAN			
Aquifer in which the plan will operate: <u>Dawson</u>			
County: <u>El Paso</u> Section <u>18</u> Township <u>12</u> N <input type="checkbox"/> S <input checked="" type="checkbox"/> Range <u>64</u> W			
3 THE FOLLOWING MUST BE PROVIDED AS ATTACHEMENTS TO THIS APPLICATION			
<p>A. A report containing all information required to be submitted for a replacement plan as required by Designated Basin Rule 5.6.2 (Rule 5.6.2 is provided as an attachment to this form).</p> <p>B. If the replacement plan is for the purpose of allowing withdrawals of ground water from the Dawson, Denver, Arapahoe, or Laramie-Fox Hills aquifer pursuant to Section 37-90-107(7), C.R.S. and in accordance with Designated Basin Rule 5.3.6.2.C, indicate the subject aquifer, the approved determination of water right or pending application for such determination, and provide a table showing the first 100 years of annual depletions to affected alluvial aquifer(s) caused by proposed pumping during the first 100 years, and if pumping continues beyond 100 years the annual depletions to affected alluvial aquifer(s) until pumping ceases.</p>			
4. 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: 		Date: <u>4/4/2024</u>	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			
FOR OFFICE USE ONLY			

ATTACHMENT TO REPLACEMENT PLAN

Application of Jon Knecht
as concerns the not-nontributary Dawson Aquifer

SUMMARY OF PLAN

Applicant seeks an amendment/modification to the replacement plan under Findings and Order for Replacement Plan No. 3557-RP, and as subsequently amended by Amendment No. 1 (“Replacement Plan”). The Replacement Plan was issued for use of the not-nontributary Dawson aquifer underlying a 19.98-acre parcel specifically described on attached **Exhibit A** and shown on attached **Exhibit B** located in the N1/2 of the NW1/4 of Section 18, Township 12 South, Range 64 West of the 6th P.M., El Paso County, Colorado. The Replacement Plan No. 3557-RP was originally issued on July 24, 2018 by the Colorado Groundwater Commission. The Amendment No. 1 was issued on August 30, 2022. The Applicant is seeking an amended/modified replacement plan to include an additional contiguous 1.05-acre parcel within the plan to create a 5-lot subdivision as opposed to the 4-lot subdivision subject of the Replacement Plan. Such 1.05-acre parcel is currently subject of applications for determination filed simultaneously with this application to amend the Replacement Plan and described on attached **Exhibit A** and shown on attached **Exhibit B**. The 19.98-acre parcel and 1.05-acre parcel are herein collectively referred to as “Applicant’s Property.”

The Applicant, Jon Knecht, proposes to pump approximately 2.5 annual acre-feet of water on the 21.03-acre property from the Dawson aquifer for domestic, irrigation, stock watering, and replacement uses five (5) individual wells to be located on five (5) residential lots, as part of a subdivision of Applicant’s Property.

Total annual demands of the subdivision are estimated by the Applicant’s consulting water resource engineer to be 0.5 annual acre-feet per lot, based on five (5) residential units, for a total annual demand of 2.5 acre-feet.

Each individual residential well is anticipated to pump a maximum of 0.5 annual acre feet of supply. Maximum annual depletions have been determined by Applicant’s consulting water resource engineer to amount to 3.08% of actual pumping in the 300th year of pumping, or a maximum of 0.077 annual acre feet. Replacement shall be made by means of septic return flows in the amount of 90% of diversions to in-house uses from individual non-evaporative septic systems. A minimum of 0.20 annual acre feet will be used for in-house sanitary uses, resulting in septic return flows of 0.18 acre-feet annually per lot, or a total of 0.90 acre-feet annually. The remainder of the pumping per lot, will be used for other accessory uses of irrigation and for watering of domestic animals and livestock.

The water quality in the Denver Basin aquifers in this area is well established as being suitable for potable use with only in-house filtration for mineral deposits. There is a general acceptance of suitable and sufficient water quality for residences utilizing Denver Basin groundwater supplies. All wells will meet all applicable regulatory requirements

regarding quality testing before being utilized as a residential and consequently, replacement water source. The septic system will be evaluated and installed according to applicable guidelines, including those of the El Paso County Department of Health and Human Services, and properly maintained to prevent contamination of surface and subsurface water resources. All water pumped from the well will be metered to ensure no water beyond that permitted is pumped. The replacement water consists of septic return flows, conservatively estimated as being 90% of water utilized in-house.

Estimated cost of development amounts to \$1,200,0000. Infrastructure development is planned to begin in 2024 and is expected to last until 2026.

Total replacement for the pumping of 2.5 annual acre-feet amounts to 0.90 acre-feet, exceeding the maximum depletion of 0.077 acre-feet, or 3.08% of pumping, over the 300-year life of the replacement plan.

EXHIBIT A TO REPLACEMENT PLAN AMENDMENT

19.98-acre Parcel

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF THAT TRACT OF LAND RECORDED IN BOOK 2364 AT PAGE 289 OF THE RECORDS OF SAID EL PASO COUNTY; THENCE S 89° 16'18" E ALONG THE NORTHERLY LINE OF SAID NORTHWEST QUARTER OF SECTION 18, ALSO BEING THE SOUTHERLY LINE OF "LATIGO COUNTRY ESTATES FILING NO. I" AS RECORDED IN PLAT BOOK H-3 AT PAGE 5 OF SAID RECORDS, 1244.19 FEET; THENCE S 12° 02' 24" W, 757.41 FEET; THENCE N 66° 21' 11" W, 571.16 FEET; THENCE S 63° 41' 21" W, 182.91 FEET; THENCE N 73° 00' 43" W, 417.47 FEET TO A POINT ON THE EASTERLY LINE OF SAID TRACT AS RECORDED IN BOOK 2364 AT PAGE 289; THENCE N 00° 02' 12" E ALONG SAID EASTERLY LINE, 486.57 FEET TO THE POINT OF BEGINNING.

AND

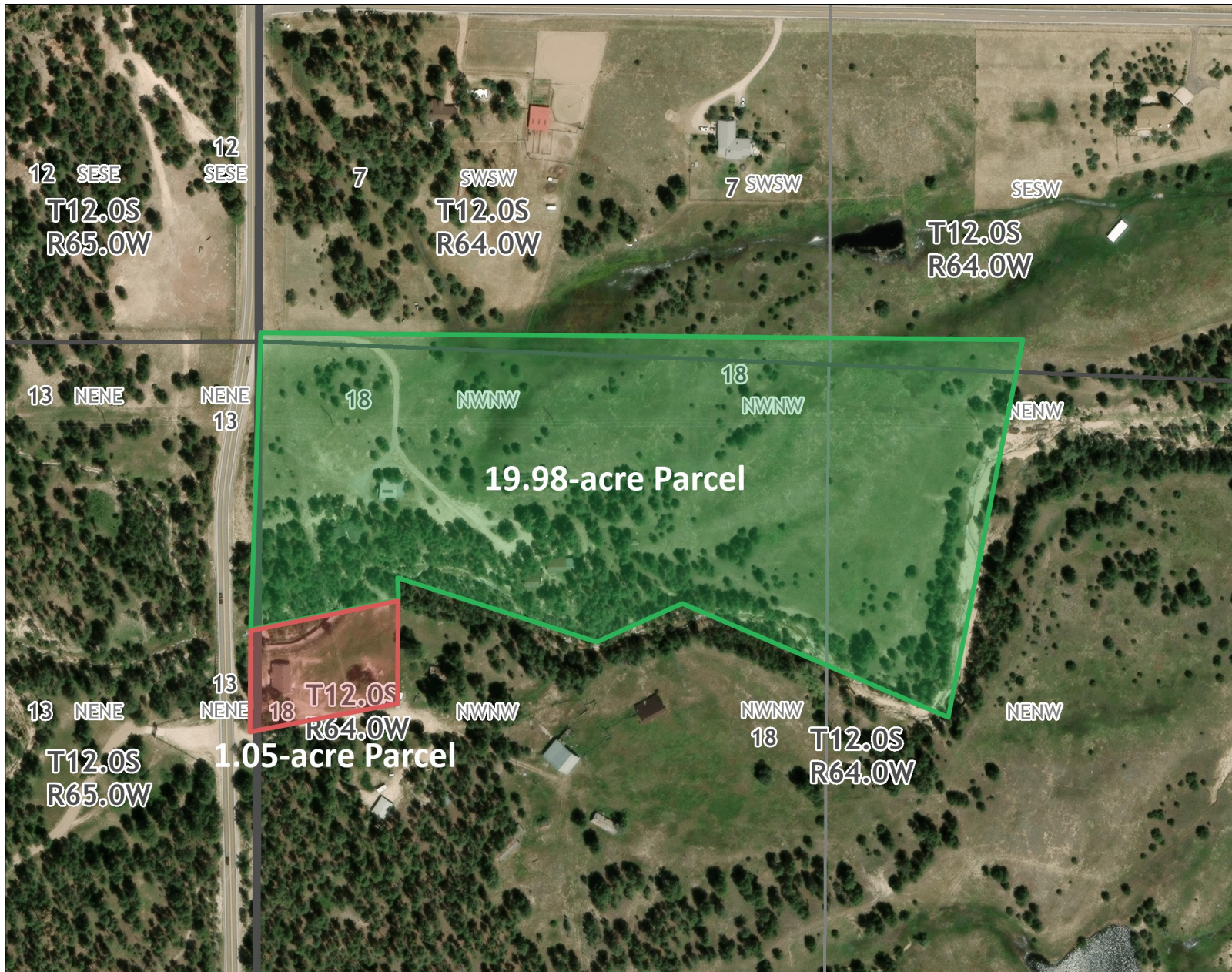
THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18 IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 18; THENCE SOUTHERLY ON THE WEST LINE OF SAID SECTION 18, 580.15 FEET; THENCE ANGLE LEFT 100° NORTHEASTERLY 289.40 FEET; THENCE NORTHERLY PARALLEL TO THE WEST LINE OF SAID SECTION 18, 529.90 FEET TO INTERSECT THE NORTH LINE OF SAID SECTION 18; THENCE WESTERLY ON THE NORTH LINE OF SAID SECTION 18, 285.00 FEET TO THE POINT OF BEGINNING.

1.05-acre Parcel

TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB



EXHIBIT B - Aerial of Knecht Property

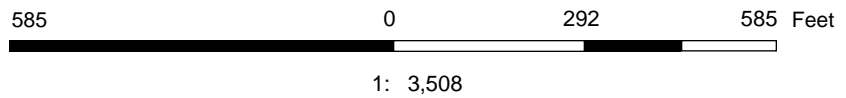


Legend

- Township
- Section
- Q40
- County

Location

Notes

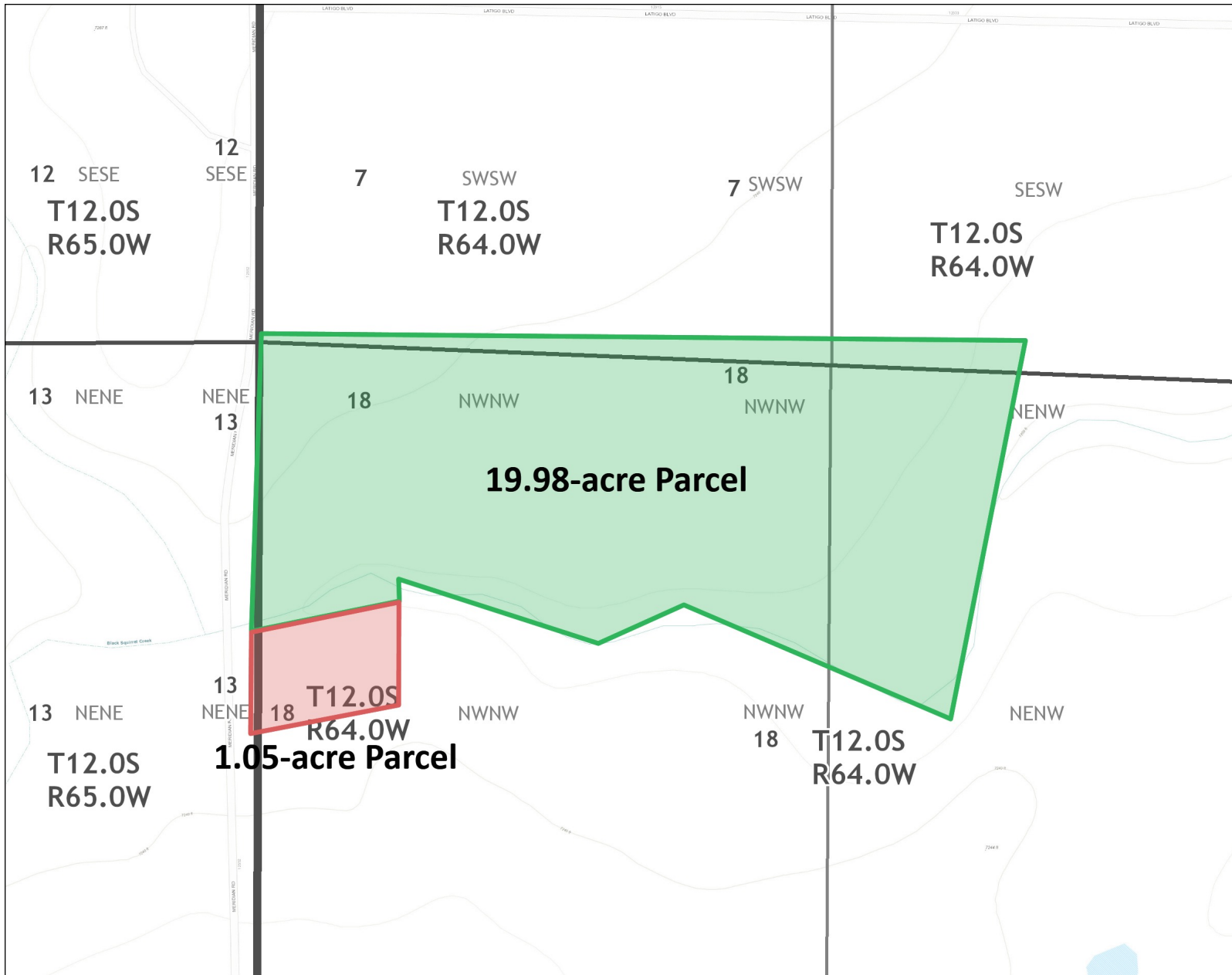


This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:52:33 PM



EXHIBIT B - Topo of Knecht Property



Legend

- Township
- Section
- Q40
- County

Location

Notes

585 0 292 585 Feet



1: 3,508



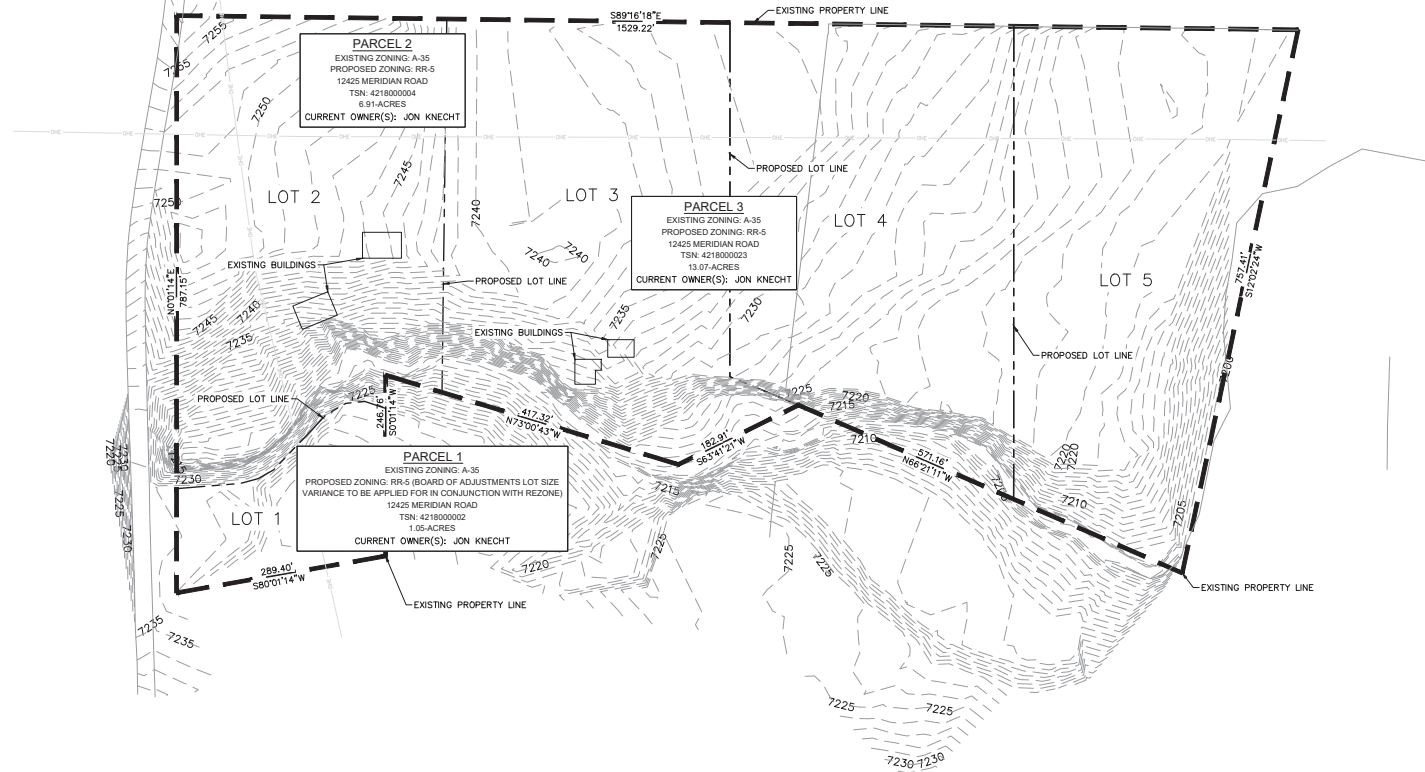
This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Date Prepared: 4/3/2024 3:56:39 PM

KNECHT MINOR SUBDIVISION

REZONE
A PORTION OF THE NORTHWEST QUARTER OF SECTION
18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH
P.M., COUNTY OF EL PASO, STATE OF COLORADO

EXHIBIT B



PROPERTY DESCRIPTION:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHEAST CORNER OF THAT TRACT OF LAND RECORDED IN BOOK 2364 AT PAGE 289 OF THE RECORDS OF SAID EL PASO COUNTY; THENCE S89°16'18"E ALONG THE NORTHERLY LINE OF SAID NORTHWEST QUARTER OF SECTION 18, ALSO BEING THE SOUTHERLY LINE OF "LATIGO COUNTRY ESTATES FILING NO 1" AS RECORDED IN PLAT BOOK H-3 AT PAGE 5 OF SAID RECORDS, 1244.18 FEET; THENCE S12°02'24"W, 757.41 FEET; THENCE N66°21'11"W, 571.16 FEET; THENCE S63°41'21"W, 182.91 FEET; THENCE N73°00'43"W, 417.47 FEET TO A POINT ON THE EASTERLY LINE OF SAID TRACT AS RECORDED IN BOOK 2364 AT PAGE 289; THENCE N00°02'12"E ALONG SAID EASTERLY LINE, 486.57 FEET TO THE POINT OF BEGINNING.

ALSO INCLUDING:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 18 IN TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 18; THENCE SOUTHERLY ON THE WEST LINE OF SAID SECTION 18, 787.15 FEET; THENCE ANGLE LEFT 100° NORTHEASTERLY 289.45 FEET; THENCE NORTHERLY PARALLEL TO THE WEST LINE OF SAID SECTION 18, 736.90 FEET TO INTERSECT THE NORTH LINE OF SAID SECTION 18; THENCE WESTERLY ON THE NORTH LINE OF SAID SECTION 18, 285.00 FEET TO THE POINT OF BEGINNING, IN EL PASO COUNTY, COLORADO

NOTES:

- FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, MAP NUMBER 08040340G, EFFECTIVE DATE DECEMBER 7, 2016, INDICATES THE AREA IN THE VICINITY OF THIS PARCEL OF LAND TO BE A ZONE X (AREA DETERMINED TO BE OUT OF THE 500 YEAR FLOOD PLAIN) AND ZONE A (NO BASE FLOOD ELEVATIONS DETERMINED)
- THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY LDC, INC. TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD. THE CLIENT DID NOT PROVIDE A TITLE COMMITMENT FOR THE PROPERTY, THEREFORE, NO RIGHTS-OF-WAY OR EASEMENTS OF RECORD WERE AVAILABLE FOR REVIEW BY LDC, INC. WITH THIS SURVEY.
- SITE BENCHMARK: NOS BLACK 1953 IS A STANDARD ALUMINUM DISK SET IN THE TOP OF A 8" ROUND CONCRETE POST, PROJECTING 12" ABOVE THE GROUND. IT IS LOCATED 3.95 MILES NORTH OF THE INTERSECTION OF U.S. HIGHWAY 24 AND MERIDIAN ROAD TO AN AZIMUTH MARK ON THE LEFT, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.25 MILES TO A SIDE ROAD LEFT, REX ROAD, CONTINUE AHEAD, NORTH ON MERIDIAN ROAD FOR 0.85 MILES TO THE STATION ON THE LEFT. IT IS 47.6 FEET NORTHEAST FROM A POWER POLE, 30.35 FEET WEST FROM THE CENTER LINE OF MERIDIAN ROAD, 2.6 FEET NORTH FROM A WITNESS POST, 2.46 FEET EAST FROM THE RIGHT OF WAY FENCE AND ELEVATION = 7318.00 "NAVD DATUM".
- DATE OF TOPOGRAPHIC/IMPROVEMENT SURVEY: NOVEMBER 07, 2016.
- THIS LOT EXISTS WITH NATIVE GRASSES, BUSHES AND FEEDER DECIDUOUS TREES THROUGHOUT, WITH MISCELLANEOUS CONCRETE, DEBRIS AND DIRT PILES AT THE TOE OF SLOPE/SIDE SLOPE VICINITIES.



REZONE PLAN
SHEET 1 OF 1

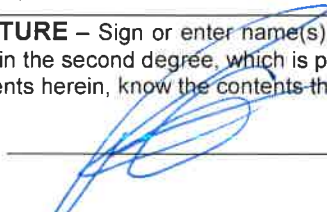
KNECHT MINOR SUBDIVISION REZONE - PCD FILE # X-XX-XXX

Kimley»Horn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.
2 NORTH NEVADA AVENUE, SUITE 900
COLORADO SPRINGS, COLORADO 80903 (719) 453-0180

**APPLICATION FOR A DETERMINATION OF WATER RIGHT
 WITHIN A DESIGNATED GROUNDWATER BASIN**

This application is to be used to apply for a determination of right to groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifer underlying land area located within a Designated Groundwater Basin pursuant to Section 37-90-107(7), C.R.S. A separate form must be used for each aquifer. Review the instructions on the reverse of this form. This form must be completed, signed, dated and submitted to the Ground Water Commission with a non-refundable \$60 filing fee. Accepted payment options and form submittal instructions can be found on our website Colorado.gov/water. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212	Email rnf@cowaterlaw.com		
2. AQUIFER: Denver	3. AMOUNT OF OVERLYING LAND: Acres 1.05		
4. OVERLYING LAND OWNERSHIP OR UNDERLYING WATER RIGHT OWNERSHIP DOCUMENTATION – A Nontributary Groundwater Landownership Statement (form GWS-1) or Nontributary Groundwater Consent Claim (form GWS-3A) that includes a description of the overlying land must be submitted as an attachment to the application.			
5. EXISTING WELLS – Are there any wells located on the overlying land? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If yes: 1) Provide a complete list of all wells located on the overlying land as an attachment to this application; and 2) For all wells producing from the subject aquifer indicate whether the well will continue to operate under its existing well permit or water right, or whether the well is to be re-permitted to withdraw the ground water being allocated by the Determination of Water Right.			
6. TYPE OF USE – Description of intended beneficial uses of the ground water Domestic, irrigation, livestock watering			
7. PLACE OF USE – The intended place of use of the ground water shall be considered to be the overlying land area claimed and described in Items 3 and 4 above, unless an attachment provides a legal description of an additional and/or alternate place of use. The overlying 1.05 acres described on the attached deed and legal description			
8. THE APPLICANT MUST PROVIDE evidence that the applicant has given notice of the application by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of, and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located (see instructions for exceptions). Evidence that the notice has been given is to be provided by submitting a Verification of Notice of Application (form no. GWS-43). See instructions on the reverse of this form, and form no. GWS-043, for exceptions to this requirement.			
9. 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:  _____ Date: 04/04/2024 Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			
FOR OFFICE USE ONLY			

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

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 Jon Knecht			
Mailing Address 12425 N. Meridian Road		City Elbert	State Colorado
			Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@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>1.05</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). TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB - 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: 		Date: <u>04/04/2024</u>	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			

Form no. **DIVISION OF WATER RESOURCES**
 GWS-43 **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

VERIFICATION OF NOTICE OF APPLICATION

This form is to be submitted with applications for the following.

- 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 for exceptions to the above list. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road		City Elbert	State Colorado
			Zip Code 80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Denver			
3. NOTICE OF APPLICATION – I hereby claim that I have given notice pursuant to section 37-90-137(4)(b.5), C.R.S., or Designated Basin Rule 5.3.2.2, or Designated Basin Rule 5.4.2.2, as applicable, of application for a well permit or determination of water right by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of the overlying land and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located. The names of the persons that were given notice are listed below (type "No notice required" if no persons, other than the Applicant, own or have a lien or mortgage upon, or deed of trust to, the overlying land): Not Applicable. No lienholders or other owners.			
4. 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: 		Date: 04/04/2024	
Print name and title: Ryan W. Farr, Attorney for Applicant			

**APPLICATION FOR A DETERMINATION OF WATER RIGHT
 WITHIN A DESIGNATED GROUNDWATER BASIN**

This application is to be used to apply for a determination of right to groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifer underlying land area located within a Designated Groundwater Basin pursuant to Section 37-90-107(7), C.R.S. A separate form must be used for each aquifer. Review the instructions on the reverse of this form. This form must be completed, signed, dated and submitted to the Ground Water Commission with a non-refundable \$60 filing fee. Accepted payment options and form submittal instructions can be found on our website Colorado.gov/water. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212	Email rnf@cowaterlaw.com		
2. AQUIFER: Arapahoe	3. AMOUNT OF OVERLYING LAND: Acres 1.05		
4. OVERLYING LAND OWNERSHIP OR UNDERLYING WATER RIGHT OWNERSHIP DOCUMENTATION – A Nontributary Groundwater Landownership Statement (form GWS-1) or Nontributary Groundwater Consent Claim (form GWS-3A) that includes a description of the overlying land must be submitted as an attachment to the application.			
5. EXISTING WELLS – Are there any wells located on the overlying land? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If yes: 1) Provide a complete list of all wells located on the overlying land as an attachment to this application; and 2) For all wells producing from the subject aquifer indicate whether the well will continue to operate under its existing well permit or water right, or whether the well is to be re-permitted to withdraw the ground water being allocated by the Determination of Water Right.			
6. TYPE OF USE – Description of intended beneficial uses of the ground water Domestic, irrigation, livestock watering			
7. PLACE OF USE – The intended place of use of the ground water shall be considered to be the overlying land area claimed and described in Items 3 and 4 above, unless an attachment provides a legal description of an additional and/or alternate place of use. The overlying 1.05 acres described on the attached deed and legal description			
8. THE APPLICANT MUST PROVIDE evidence that the applicant has given notice of the application by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of, and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located (see instructions for exceptions). Evidence that the notice has been given is to be provided by submitting a Verification of Notice of Application (form no. GWS-43). See instructions on the reverse of this form, and form no. GWS-043, for exceptions to this requirement.			
9. 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: _____ Date: <u>04/04/2024</u> Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			
FOR OFFICE USE ONLY			

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

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 Jon Knecht			
Mailing Address	City	State	Zip Code
12425 N. Meridian Road	Elbert	Colorado	80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Arapahoe			
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>1.05</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). TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB - 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:  Date: <u>04/04/2024</u> Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			

Form no. **DIVISION OF WATER RESOURCES**
 GWS-43 **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

VERIFICATION OF NOTICE OF APPLICATION

This form is to be submitted with applications for the following.

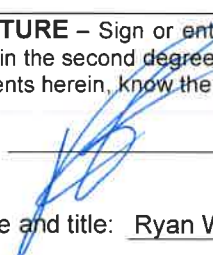
- 1) A well permit to withdraw groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifers, or other aquifer the applicant claims contains nontributary groundwater, outside of a Designated Groundwater Basin subject to section 37-90-137(4), C.R.S., except when the right to withdraw the 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 for exceptions to the above list. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road		City Elbert	State Colorado
		Zip Code 80106	
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Arapahoe			
3. NOTICE OF APPLICATION – I hereby claim that I have given notice pursuant to section 37-90-137(4)(b.5), C.R.S., or Designated Basin Rule 5.3.2.2, or Designated Basin Rule 5.4.2.2, as applicable, of application for a well permit or determination of water right by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of the overlying land and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located.			
The names of the persons that were given notice are listed below (type "No notice required" if no persons, other than the Applicant, own or have a lien or mortgage upon, or deed of trust to, the overlying land):			
Not Applicable. No lienholders or other owners.			
4. 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: 		Date: 04/04/2024	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			

**APPLICATION FOR A DETERMINATION OF WATER RIGHT
 WITHIN A DESIGNATED GROUNDWATER BASIN**

This application is to be used to apply for a determination of right to groundwater from the Dawson, Denver, Arapahoe or Laramie-Fox Hills aquifer underlying land area located within a Designated Groundwater Basin pursuant to Section 37-90-107(7), C.R.S. A separate form must be used for each aquifer. Review the instructions on the reverse of this form. This form must be completed, signed, dated and submitted to the Ground Water Commission with a non-refundable \$60 filing fee. Accepted payment options and form submittal instructions can be found on our website Colorado.gov/water. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212	Email rwf@cowaterlaw.com		
2. AQUIFER: Laramie-Fox Hills	3. AMOUNT OF OVERLYING LAND: Acres 1.05		
4. OVERLYING LAND OWNERSHIP OR UNDERLYING WATER RIGHT OWNERSHIP DOCUMENTATION – A Nontributary Groundwater Landownership Statement (form GWS-1) or Nontributary Groundwater Consent Claim (form GWS-3A) that includes a description of the overlying land must be submitted as an attachment to the application.			
5. EXISTING WELLS – Are there any wells located on the overlying land? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
If yes: 1) Provide a complete list of all wells located on the overlying land as an attachment to this application; and 2) For all wells producing from the subject aquifer indicate whether the well will continue to operate under its existing well permit or water right, or whether the well is to be re-permitted to withdraw the ground water being allocated by the Determination of Water Right.			
6. TYPE OF USE – Description of intended beneficial uses of the ground water Domestic, irrigation, livestock watering			
7. PLACE OF USE – The intended place of use of the ground water shall be considered to be the overlying land area claimed and described in Items 3 and 4 above, unless an attachment provides a legal description of an additional and/or alternate place of use. The overlying 1.05 acres described on the attached deed and legal description			
8. THE APPLICANT MUST PROVIDE evidence that the applicant has given notice of the application by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of, and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located (see instructions for exceptions). Evidence that the notice has been given is to be provided by submitting a Verification of Notice of Application (form no. GWS-43). See instructions on the reverse of this form, and form no. GWS-043, for exceptions to this requirement.			
9. 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: 		Date: <u>04/04/2024</u>	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			
FOR OFFICE USE ONLY			

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

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 Jon Knecht			
Mailing Address 12425 N. Meridian Road	City Elbert	State Colorado	Zip Code 80106
Telephone Number (include area code) 719-471-1212	Email rwf@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>1.05</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). TRACT IN NW4 OF SEC 18-12-64 AS FOLS: COM AT NW COR OF SD SEC 18, TH SLY ON W SEC LN 580.0 FT M/L TO S LN OF BLACK SQUIRREL CREEK FOR POB, TH CONT SLY ON W SEC LN 207.0 FT, ANG L 100< NELY 289.4 FT, NLY PARA WITH W SEC LN TO S LN OF SD CREEK, TH SWLY ALG S LN OF SD CREEK TO POB - 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: 		Date: <u>04/04/2024</u>	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			

Form no. **DIVISION OF WATER RESOURCES**
 GWS-43 **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

VERIFICATION OF NOTICE OF APPLICATION

This form is to be submitted with applications for the following.

- 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 for exceptions to the above list. Type or print in black or blue ink.

1. APPLICANT INFORMATION			
Name of Applicant Jon Knecht			
Mailing Address	City	State	Zip Code
12425 N. Meridian Road	Elbert	Colorado	80106
Telephone Number (include area code) 719-471-1212		Email rwf@cowaterlaw.com	
2. AQUIFER Laramie-Fox Hills			
3. NOTICE OF APPLICATION – I hereby claim that I have given notice pursuant to section 37-90-137(4)(b.5), C.R.S., or Designated Basin Rule 5.3.2.2, or Designated Basin Rule 5.4.2.2, as applicable, of application for a well permit or determination of water right by registered or certified mail, return receipt requested, no less than ten days prior to the making of the application, to every record owner of the overlying land and to every person who has a lien or mortgage upon, or deed of trust to, the overlying land recorded in the county in which the overlying land is located.			
The names of the persons that were given notice are listed below (type "No notice required" if no persons, other than the Applicant, own or have a lien or mortgage upon, or deed of trust to, the overlying land):			
Not Applicable. No lienholders or other owners.			
4. 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: 		Date: 04/04/2024	
Print name and title: <u>Ryan W. Farr, Attorney for Applicant</u>			



APPENDIX D

WATER QUALITY RESULTS





240723125

INVOICE #:	240723125
Invoice Date:	Aug 7, 2024
Date Received:	Jul 23, 2024

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

Original Results To
RESPEC Company, LLC
 Jack Costello
 5540 Tech Center Drive
 Suite 100
 Colorado Springs CO 80919

<u>Client Project Name:</u> Marshall Water	<u>Task Number:</u> 240723125	<u>Customer PO:</u>
---	----------------------------------	---------------------

Quantity	Item	Description	Unit Price	Extension
10	Water - Ground	Chloride	\$18.00	\$180.00
10	Water - Ground	DOC	\$37.00	\$370.00
10	Water - Ground	Langelier Index	\$60.00	\$600.00
10	Water - Ground	Oil & Grease	\$65.00	\$650.00
10	Water - Ground	Specific Conductance	\$14.00	\$140.00
10	Water - Ground	Sulfate	\$18.00	\$180.00
10	Water - Ground	Sulfide	\$35.00	\$350.00
10	Water - Ground	TOC	\$37.00	\$370.00
10	Water - Ground	Total Metals By ICP-MS	\$32.00	\$320.00
10	Water - Ground	Total Metals By OES	\$39.00	\$390.00
1	Shipping	Cooler Shipment - UPS	\$15.00	\$15.00
Thank You! We Appreciate Your Business.			Total:	\$3,565.00

Payment Terms: Net 30

****Updated****
 Remit Payment To: Colorado Analytical Lab
 10411 Heinz Way
 Commerce City, CO 80640

*****Mastercard and VISA Accepted*****

Invoices and results are sent via email only. If you have questions please call 303-659-2313.
 Records associated with samples submitted will be retained for 5 years from the date received.

10411 Heinz Way / Commerce City, CO 80640 / 303-659-2313

Analytical Results

TASK NO: 240403015

Report To: Brian Elkins

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.: 240403015	Date Received: 4/3/24
Client PO:	Date Reported: 4/10/24
Client Project: Knecht Property	Matrix: Water - Drinking

Customer Sample ID #2
 Sample Date/Time: 4/2/24 10:22 AM
 Lab Number: 240403015-01

Test	Result	Method	RL	MCL	Date Analyzed	QC Batch ID	Analyzed By
Total Coliform	ND mpn/100ml	Colilert	1 mpn/100ml		4/4/24		NRP
Chloride	9.6 mg/L	EPA 300.0	0.1 mg/L	250	4/3/24	QC72432	AMJ
Fluoride	ND mg/L	EPA 300.0	0.10 mg/L	4	4/3/24	QC72433	AMJ
Nitrate Nitrogen	ND mg/L	EPA 300.0	0.05 mg/L	10	4/3/24	QC72430	AMJ
Nitrite Nitrogen	ND mg/L	EPA 300.0	0.03 mg/L	1	4/3/24	QC72431	AMJ
Sulfate	7.8 mg/L	EPA 300.0	0.1 mg/L	250	4/3/24	QC72434	AMJ
Cyanide-Total	ND mg/L	EPA 335.4	0.005 mg/L		4/4/24	QC72418	KRB
Total							
Iron	0.130 mg/L	EPA 200.7	0.005 mg/L		4/5/24	QC72460	MBN
Aluminum	0.002 mg/L	EPA 200.8	0.001 mg/L	0.05	4/5/24	QC72464	MBN
Antimony	ND mg/L	EPA 200.8	0.0012 mg/L	0.006	4/5/24	QC72464	MBN
Arsenic	ND mg/L	EPA 200.8	0.0006 mg/L	0.01	4/5/24	QC72464	MBN
Barium	0.1521 mg/L	EPA 200.8	0.0007 mg/L	2	4/5/24	QC72464	MBN
Beryllium	ND mg/L	EPA 200.8	0.0001 mg/L	0.004	4/5/24	QC72464	MBN
Cadmium	ND mg/L	EPA 200.8	0.0001 mg/L	0.005	4/5/24	QC72464	MBN
Chromium	ND mg/L	EPA 200.8	0.0015 mg/L	0.1	4/5/24	QC72464	MBN
Manganese	0.1134 mg/L	EPA 200.8	0.0008 mg/L	0.05	4/5/24	QC72464	MBN
Mercury	ND mg/L	EPA 200.8	0.0001 mg/L	0.002	4/5/24	QC72464	MBN
Selenium	ND mg/L	EPA 200.8	0.0008 mg/L		4/5/24	QC72464	MBN
Silver	ND mg/L	EPA 200.8	0.0005 mg/L	0.1	4/5/24	QC72464	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.

Analytical Results

TASK NO: 240403015

Report To: Brian Elkins

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.: 240403015	Date Received: 4/3/24
Client PO:	Date Reported: 4/10/24
Client Project: Knecht Property	Matrix: Water - Drinking

Customer Sample ID #2
Sample Date/Time: 4/2/24 10:22 AM
Lab Number: 240403015-01

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	4/5/24	QC72464	MBN
Zinc	0.016 mg/L	EPA 200.8	0.001 mg/L	5	4/5/24	QC72464	MBN

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
 mg/L = Milligrams Per Liter or PPM
 ug/L = Micrograms Per Liter or PPB
 mpr/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
Company: RESPEC Company, LLC

Receive Date: 4/3/24
Project Name: Knecht Property

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Chloride	QC72432	Blank	ND	EPA 300.0	4/3/24
Cyanide-Total	QC72418	Blank	ND	EPA 335.4	4/3/24
Fluoride	QC72433	Blank	ND	EPA 300.0	4/3/24
Aluminum	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Antimony	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Arsenic	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Barium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Beryllium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Cadmium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Chromium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Manganese	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Mercury	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Selenium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Silver	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Thallium	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Zinc	QC72464	Method Blank	ND	EPA 200.8	4/3/24
Iron	QC72460	Method Blank	ND	EPA 200.7	4/5/24
Nitrate Nitrogen	QC72430	Blank	ND	EPA 300.0	4/3/24
Nitrite Nitrogen	QC72431	Blank	ND	EPA 300.0	4/3/24
Sulfate	QC72434	Blank	ND	EPA 300.0	4/3/24

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Chloride	QC72432	Duplicate	0 - 20	-	0.2	EPA 300.0
		LCS	90 - 110	103.3	-	
		MS	75 - 125	104.7	-	
Cyanide-Total	QC72418	Duplicate	0 - 20	-	0.0	EPA 335.4
		LCS	90 - 110	99.0	-	
		MS	75 - 125	87.0	-	
Fluoride	QC72433	Duplicate	0 - 20	-	1.8	EPA 300.0
		LCS	90 - 110	99.5	-	
		MS	75 - 125	99.3	-	
Aluminum	QC72464	LCS	90 - 110	105.8	-	EPA 200.8
		MS	70 - 130	122.9	-	
		MSD	0 - 10	-	0.2	
Antimony	QC72464	LCS	90 - 110	93.6	-	EPA 200.8
		MS	70 - 130	117.1	-	
		MSD	0 - 10	-	7.0	
Arsenic	QC72464	LCS	90 - 110	94.9	-	EPA 200.8
		MS	70 - 130	121.7	-	
		MSD	0 - 10	-	1.6	
Barium	QC72464	LCS	90 - 110	94.3	-	EPA 200.8

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
 mg/L = Milligrams Per Liter or PPM
 ug/L = Micrograms Per Liter or PPB
 mpr/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	QC72464	MS	70 - 130	104.8	-	EPA 200.8
		MSD	0 - 10	-	7.1	
		LCS	90 - 110	100.5	-	
Cadmium	QC72464	MS	70 - 130	100.7	-	EPA 200.8
		MSD	0 - 10	-	3.6	
		LCS	90 - 110	91.4	-	
Chromium	QC72464	MS	70 - 130	115.8	-	EPA 200.8
		MSD	0 - 10	-	1.2	
		LCS	90 - 110	96.3	-	
Manganese	QC72464	MS	70 - 130	96.6	-	EPA 200.8
		MSD	0 - 10	-	1.0	
		LCS	90 - 110	96.2	-	
Mercury	QC72464	MS	70 - 130	110.8	-	EPA 200.8
		MSD	0 - 10	-	6.3	
		LCS	90 - 110	106.9	-	
Selenium	QC72464	MS	70 - 130	95.9	-	EPA 200.8
		MSD	0 - 10	-	2.9	
		LCS	90 - 110	93.1	-	
Silver	QC72464	MS	70 - 130	117.9	-	EPA 200.8
		MSD	0 - 10	-	4.7	
		LCS	90 - 110	106.9	-	
Thallium	QC72464	MS	70 - 130	89.5	-	EPA 200.8
		MSD	0 - 10	-	0.7	
		LCS	90 - 110	101.3	-	
Zinc	QC72464	MS	70 - 130	98.0	-	EPA 200.8
		MSD	0 - 10	-	2.6	
		LCS	90 - 110	93.9	-	
Iron	QC72460	MS	75 - 125	115.4	-	EPA 200.8
		MSD	0 - 10	-	6.6	
		Duplicate	0 - 20	-	14.0	
Nitrate Nitrogen	QC72430	MS	75 - 125	98.4	-	EPA 200.7
		LCS	90 - 110	99.6	-	
		Duplicate	0 - 20	-	1.5	
Nitrite Nitrogen	QC72431	LCS	90 - 110	100.3	-	EPA 300.0
		MS	75 - 125	94.3	-	
		Duplicate	0 - 20	-	0.0	
Sulfate	QC72434	MS	75 - 125	95.9	-	EPA 300.0
		LCS	90 - 110	101.2	-	
		Duplicate	0 - 20	-	0.4	

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing 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
mpr/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.

Chain of Custody Form



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 Name / Number	
Company Name: <u>Respec</u>		Company Name: _____		Knecht Property	
Contact Name: <u>Brian Elkins</u>		Contact Name: _____		_____	
Address: <u>5540 Tech Center Dr. Suite 100</u>		Address: _____		Task Number (Lab Use Only) CAL Task 240403015 JAK	
City: <u>CO Springs</u> State: <u>CO</u> Zip: <u>80919</u>		City: _____ State: _____ Zip: _____			
Phone: <u>719-227-0072</u>		Phone: _____			
Email: <u>Brian.Elkins@Respec.com</u>		Email: _____			
Sample Collector: <u>Brian Elkins</u>		PO No.: _____			
Sample Collector Phone: <u>719-433-2652</u>		_____		_____	

Sample Matrix (Select One Only)			No. of Containers	Grab or (Check One Only) Composite	Tests Requested												
Waste Water <input type="checkbox"/> Soil <input type="checkbox"/> Ground Water <input type="checkbox"/> Sludge <input type="checkbox"/> Surface Water <input type="checkbox"/> Drinking Water <input checked="" type="checkbox"/>																	
Date	Time	Sample ID															
4/2/24	10:22am	#2	10	✓													
Field tests pH: 6.88 Temp: 10.9 °C																	
Extra 250ml container received. 4/3/24			10														

Instructions: Please analyze for constituents listed on attached document			C/S Info: Deliver Via: <u>Fedex</u>		Seals Present Yes <input type="checkbox"/> No <input type="checkbox"/>	
Relinquished By: <u>Brian Elkins</u>			Date/Time: <u>4/2/24 11:00am</u>		Received By: _____	
Date/Time: _____			Relinquished By: _____		Date/Time: _____	
Date/Time: _____			Received By: <u>J Adams</u>		Date/Time: <u>4/3/24</u>	

986

JAK

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

Analytical Results

TASK NO: 240403015

Report To: Brian Elkins

Bill To: Accounts Payable

Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Company: RESPEC Company, LLC
5540 Tech Center Drive
Suite 100
Colorado Springs CO 80919

Task No.: 240403015
Client PO:
Client Project: Knecht Property

Date Received: 4/3/24
Date Reported: 4/10/24
Matrix: Water - Drinking

Customer Sample ID #2
Sample Date/Time: 4/2/24 10:22 AM
Lab Number: 240403015-01

Test	Result	Method	RL	Date Analyzed	QC Batch ID	Analyzed By
Bicarbonate	48.6 mg/L as CaCO ₃	SM 2320-B	0.2 mg/L as CaCO ₃	4/5/24	-	DPL
Calcium as CaCO ₃	43.4 mg/L	EPA 200.7	0.1 mg/L	4/5/24	-	MBN
Carbonate	ND mg/L as CaCO ₃	SM 2320-B	0.2 mg/L as CaCO ₃	4/5/24	-	DPL
Hydroxide	ND mg/L as CaCO ₃	SM 2320-B	0.2 mg/L as CaCO ₃	4/5/24	-	DPL
Langelier Index	-1.75 units	SM 2330-B	units	4/9/24	-	DPL
pH	6.88 units	SM 4500-H-B	0.01 units	4/3/24	-	Sampler
Temperature	11 °C	SM 4500-H-B	1 °C	4/3/24	-	Sampler
Total Alkalinity	48.6 mg/L as CaCO ₃	SM 2320-B	4.0 mg/L as CaCO ₃	4/5/24	QC72484	DPL
Total Dissolved Solids	125 mg/L	SM 2540-C	5 mg/L	4/4/24	QC72454	ISG

Abbreviations/ References:

RL = Reporting Limit = Minimum Level
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 ml = Most Probable Number Index/ 100 ml
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
Company: RESPEC Company, LLC

Receive Date: 4/3/24
Project Name: Knecht Property

Test	QC Batch ID	QC Type	Result	Method	Prep Date
Total Alkalinity	QC72484	Blank	ND	SM 2320-B	4/5/24
Total Dissolved Solids	QC72454	Blank	ND	SM 2540-C	4/4/24

Test	QC Batch ID	QC Type	Limits	% Rec	RPD	Method
Total Alkalinity	QC72484	Duplicate	0 - 20	-	3.0	SM 2320-B
		LCS	90 - 110	99.6	-	
		LCS-2	90 - 110	96.2	-	
Total Dissolved Solids	QC72454	Duplicate	0 - 10	-	3.2	SM 2540-C
		LCS	85 - 115	106.3	-	

All analyses were performed in accordance with approved methods under the latest revision to 40 CFR Part 136 unless otherwise identified. Based on my inquiry of the person or persons directly responsible for analyzing 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 ml's = Most Probable Number Index/ 100 ml's
 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.

Chain of Custody Form



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 Name / Number	
Company Name: <u>Respec</u>		Company Name: _____		<u>Knecht Property</u>	
Contact Name: <u>Brian Elkins</u>		Contact Name: _____			
Address: <u>5540 Tech Center Dr. suite 100</u>		Address: _____		Task Number (Lab Use Only) CAL Task 240403015 JAK	
City: <u>CO springs</u> State: <u>CO</u> Zip: <u>80919</u>		City: _____ State: _____ Zip: _____			
Phone: <u>719-227-0072</u>		Phone: _____			
Email: <u>Brian.Elkins@Respec.com</u>		Email: _____			
Sample Collector: <u>Brian Elkins</u>		PO No.: _____			
Sample Collector Phone: <u>719-433-2652</u>					

Sample Matrix (Select One Only)				No. of Containers	Grab or (Check One Only) Composite	Tests Requested											
Waste Water <input type="checkbox"/>		Soil <input type="checkbox"/>				Drinking Water <input checked="" type="checkbox"/>											
Ground Water <input type="checkbox"/>		Sludge <input type="checkbox"/>															
Surface Water <input type="checkbox"/>																	
Date	Time	Sample ID															
<u>4/2/24</u>	<u>10:22am</u>	<u>#2</u>		<u>10</u>	<input checked="" type="checkbox"/>												
Field tests pH: <u>6.88</u> Temp: <u>10.9 °C</u>																	
Extra 250ml container received. 10 <u>4/3/24 JAK</u>																	

Instructions: Please analyze for constituents listed on attached document				C/S Info: <u>Fedex</u>		Seals Present Yes <input type="checkbox"/> No <input type="checkbox"/>	
Relinquished By: <u>Brian Elkins</u>		Date/Time: <u>4/2/24 11:06am</u>		Received By: _____		Date/Time: _____	
Relinquished By: _____		Date/Time: _____		Received By: <u>J Adams</u>		Date/Time: <u>4/3/24</u>	

930

JAK

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: 24H01614
Received: Apr 04, 2024
Reported: May 01, 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*

By: *Halley Jones For*
Roxanne Sullivan
Analytical Laboratories Director

Customer ID: 05377Z
 Account ID: Z01034

ANALYTICAL REPORT

Rebecca Manzanaras
 Colorado Analytical Laboratories, Inc.

Lab Sample ID		24H01614-001						
Customer Sample ID		240403019-01 - Knecht Property - #2 sampled on 04/02/24 @ 1022						
Parameter	Units	Code	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Gross Alpha	pCi/L	T	9.8	3.2	1.4	SM 7110 B	04/17/24 @ 0918	KT
Gross Beta	pCi/L	T	7.3	3.0	2.0	SM 7110 B	04/17/24 @ 0918	KT

Lab Sample ID		24H01614-002						
Customer Sample ID		240403019-01A - Knecht Property - #2 sampled on 04/02/24 @ 1022						
Parameter	Units	Code	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Radium-226	pCi/L	T	3.2	0.8	0.1	SM 7500-Ra B	04/10/24 @ 0850	KT
Radium-228	pCi/L	T	3.2	0.8	0.2	EPA pg.19	04/10/24 @ 1438	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: Gross Alpha

Control Standard/LFB: ID: C11-005 pCi/mL: 57.4 (use 1 diluted)

Spike Solution: ID: C11-005 pCi/mL: 57.4 (use 1 mL)

Spike Recovery Calculation: Sample: Tap*

$$\text{Calculation: } \frac{(315.6) - (0.200) - (1.1) - (0.200)}{57.4} \times 100 = 110\%$$

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>24H01571</u>	<u>24H01612</u>
<u>24H01572</u>	<u>24H01614</u>
<u>24H01574</u>	<u>24H01617</u>
<u>24H01575</u>	<u>24H01618</u>
<u>24H01576</u>	<u>24H01623</u>
<u>24H01578</u>	_____
<u>24H01589</u>	_____
<u>24H01591</u>	_____
<u>24H01592</u>	_____
<u>24H01611</u>	_____

Evaluator:

 _____

04/19/2024

Date

Batch QC Summary Form

Analyte: Gross Beta

Control Standard/LFB: ID: C11-005 pCi/mL: 44 (use 1 diluted)

Spike Solution: ID: C11-005 pCi/mL: 44 (use 1 mL)

Spike Recovery Calculation: Sample: Tap*

$$\text{Calculation: } \frac{(209.4) - (0.200)}{44} - (0.9) \frac{(0.200)}{44} \times 100 = 95\%$$

Batch QC Evaluation:

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

* Required for batch size greater than 10 samples.

Conclusions:

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

Reruns Required: _____


Narrative:

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

Batch Listing by Lab Control Number:

<u>24H01571</u>	<u>24H01612</u>
<u>24H01572</u>	<u>24H01614</u>
<u>24H01574</u>	<u>24H01617</u>
<u>24H01575</u>	<u>24H01618</u>
<u>24H01576</u>	<u>24H01623</u>
<u>24H01578</u>	_____
<u>24H01589</u>	_____
<u>24H01591</u>	_____
<u>24H01592</u>	_____
<u>24H01611</u>	_____

Evaluator:

 _____

04/19/2024

Date

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-004 pCi/mL: 21.1 (use 2 diluted)

Spike Solution: ID: C73-004 pCi/mL: 21.1 (use 2 mL)

Spike Recovery Calculation: Sample: 24H01614-02b

$$\text{Calculation: } \frac{(43.2) - (1.000)}{42.2} \times 100 = 92\%$$

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:

24H01560 _____
24H01604 _____
24H01611 _____
24H01612 _____
24H01613 _____
24H01614 _____
24H01453 _____

Evaluator:
 _____

04/19/2024

 Date

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-007 pCi/mL: 14.1 (use 5 diluted)

Spike Solution: ID: C6-007 pCi/mL: 14.1 (use 5 mL)

Spike Recovery Calculation: Sample: 24H01623-001c

Calculation:
$$\frac{(70.8) (1.000) - (3.4) (1.000)}{70.5} \times 100 = 95.6\%$$

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:

24H01604 _____
24H01611 _____
24H01612 _____
24H01613 _____
24H01614 _____
24H01622 _____
24H01623 _____

Evaluator:  _____

Date: 04/17/2024

Ship To: Hazen Res. **24H 01614**
 Preserved: Y **(N)**
 HNO3 Lot #: N/A
 Date Preserved: _____

Report To Information Company Name <u>Colorado Analytical Laboratory</u> Report To: <u>Rebecca Manzanares</u> E-Mail: <u>rebeccamanzanares@coloradolab.com</u>	Bill To Information: (If different from report to) 	Project Name <u>Knecht Property</u>
Address: <u>10411 Heinz Way</u> <u>Commerce City, CO 80640</u> Phone: <u>303-659-2313</u>	Address: CAL TASK 240403019 JAK	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
4/2/24 10:22 AM	240403019-01 - #2	Water - Drinking	X	X		1L - Unpreserved
4/2/24 10:22 AM	240403019-01A - #2	Water - Drinking	X	X		4 - 1L - Unpreserved

Comment:

Hazen Preservation Checks

date /time
 4/4/24 1440 Initial pH 7
 A 15 Lot Presv'd by DB
 4/5/24 1005 Secondary pH ✓

less than 2

Relinquished by: (Signature) <i>[Signature]</i>	Date: Time: 4/4/24 912	Received by: (Signature)	Date: Time:	Relinquished by: (Signature)	Date: Time:	Received by: (Signature) RECEIVED APR 04 2024	Date: Time:
--	------------------------------	--------------------------	-------------	------------------------------	-------------	---	-------------

1440
DB