TOWN COUNCIL MEETING AGENDA

November 04, 2025, at 7:00 PM / 250 River Circle - Alpine, WY 83128

Notice - The video and audio for this meeting are streamed live to the public via the internet and mobile devices with views that encompass all areas, participants, and audience members. Please silence all electronic devices during the meeting. Comments made on YouTube will not be answered. Please email clerk@alpinewy.gov with any questions or comments.

1. **CALL TO ORDER** - Mayor Green

2. **PLEDGE OF ALLEGIANCE** – Mayor Green

3. **ROLL CALL** – Monica Chenault

4. **ADOPT THE AGENDA**

5. **PUBLIC HEARING**

   a. **CALL PUBLIC MEETING TO ORDER** - Mayor Green

   b. **LIQUOR LICENSE RENEWALS:**

      1. **AVR On, Inc. d.b.a. Alpine Valley Resort** – County Malt Beverage Permit
      2. **Ridge Creek Investment Co. d.b.a. Flying Saddle Resort** – Retail Liquor License (Combination Bar & Package Store)
      3. **Get Down LLC d.b.a. Melvin Brewing Company** - Microbrewery Permit (Combination Bar & Package Store)
      4. **Get Down LLC d.b.a. Melvin Brewing Company** - Restaurant Liquor License
      5. **La Cabana Del Tequila LLC** - Restaurant Liquor License
      6. **Marquina LLC d.b.a. Tienda La Mexicana** - Restaurant Liquor License
      7. **Rocky Mountain Rogues Inc d.b.a. Bull Moose Saloon** - Retail Liquor License (Combination Bar & Package Store)
      8. **VR Tavern On the Greys LLC** - Retail Liquor License (Combination Bar & Package Store)
      9. **Yankee Doodles LLC d.b.a. Red White & Brew** - Restaurant Liquor License
      10. **Broulim Supermarkets LLC d.b.a. Alpine Broulims** - Retail Liquor License (Package Store)
      11. **Parkland Usa Corporation d.b.a. On the Run** - County Malt Beverage Permit (Combination Bar & Package Store)

   c. **PUBLIC TESTIMONY:**

   d. **CLOSE PUBLIC HEARING:**

APPROVAL OF CONSENT AGENDA

Items listed on the consent agenda are considered to be routine and will be enacted by one motion in the form listed hereafter. There will be no separate discussion of these items unless a Council member or citizen requests, in which case the item will be removed from the Consent Agenda and will be considered on the Regular Agenda.

6. CONSENT AGENDA – Mayor Green

a. Town Council Minutes: October 21, 2025 Town Council Meeting Minutes.

b. Bills to Pay Report - 10/21/2025 - 11/4/2025

c. Financial Report

d. Snake River MEP Invoice-008

7. REPORTS

a. Mayor's Report – Eric Green

b. Clerk/Treasurer Report – Monica Chenault

c. Public Works Director Report - submitted in writing

d. Planning & Zoning Administrator Report - submitted in writing

e. Code Enforcement Officer Report - submitted in writing

8. ACTION ITEMS

a. Water and Sewer Extension - Creative Properties, LLC – Lot #12, Palisades Heights (160 Hwy 89):

Seeking a motion to approve the requested water and sewer extension for Creative Properties, LLC – Lot #12, Palisades Heights (160 Hwy 89).

b. Creative Properties, LLC Special Use Permit Application:

Seeking a motion to approve the Special Use Permit (SUP) for Creative Properties, LLC, allowing phased development of the proposed project as recommended by the Planning and Zoning Commission, based upon the conditions outlined in the suggested SUP Permit and adherence to all applicable provisions of the Town of Alpine LUDC.

c. Water Master Plan:

Motion to accept the Alpine Water MP Level I Study Executive Summary and the Alpine Water MP Level I Study.

d. Worker's Compensation Safety & Risk Analysis:

Motion to accept the Worker's Compensation Safety & Risk Analysis.

e. 2026 Liquor License Renewals:

Seeking a motion to approve the renewal of liquor licenses for the following businesses, contingent upon receipt of final review from the State Liquor Division.

AVR On, Inc. d.b.a. Alpine Valley Resort – *County Malt Beverage Permit*;
Ridge Creek Investment Co. d.b.a. Flying Saddle Resort – *Retail Liquor License*;
Get Down LLC d.b.a. Melvin Brewing Company - *Microbrewery Permit*;
Get Down LLC d.b.a. Melvin Brewing Company - *Restaurant Liquor License*;
La Cabana Del Tequila LLC - *Restaurant Liquor License*;
Marquina LLC d.b.a. Tienda La Mexicana - *Restaurant Liquor License*;
Rocky Mountain Rogues Inc d.b.a. Bull Moose Saloon - *Retail Liquor License*;
VR Tavern On the Greys LLC - *Retail Liquor License*;
Yankee Doodles LLC d.b.a. Red White & Brew - *Restaurant Liquor License*;
Broulim Supermarkets LLC d.b.a. Alpine Broulims - *Retail Liquor License*;
Parkland Usa Corporation d.b.a. On the Run - *County Malt Beverage Permit.*

f. Alpine Pretreatment Facility Design Assessment by JVA, Inc.:

Seeking a motion to accept the Alpine Pretreatment Facility Design Assessment by JVA, Inc.

g. Ordinance No. 2025-012 - Utility Procedure Ordinance - 1st Reading:

Seeking a motion to approve 1st Reading of Ordinance No. 2025-012 - Utility Procedure Ordinance.

h. Ordinance No. 2025-014 Capacity Fee Ordinance - 1st Reading:

Seeking a motion to approve 1st Reading of Ordinance No. 2025-014 Capacity Fee Ordinance.

i. Ordinance No. 2025-013 Utility Rate Ordinance - 1st Reading:

Seeking a motion to approve 1st Reading of Ordinance No. 2025-013 Utility Rate Ordinance.

9. PUBLIC COMMENT

Public comment is limited to a total of 20 minutes, with each speaker allowed up to 3 minutes. This is an opportunity to address the Council on any topic. The Council may listen but will not take action on items raised during this time. Speakers are expected to maintain decorum and be respectful. Written comments may be submitted by 12:00 PM (Noon) on the day of the meeting.

10. ADJOURNMENT

TOWN OF ALPINE – STAFF REPORT

DATE: November 4, 2025
SUBJECT: 2026 Liquor License Renewals
PREPARED BY: Sarah Greenwald, Assistant Clerk

PURPOSE

The purpose of this staff report is to present the annual liquor license renewal applications for the Town of Alpine for Council consideration and approval. Pursuant to Wyoming State Statutes and Town of Alpine Municipal Code, all establishments holding liquor licenses are required to renew annually prior to the December 31 expiration date.

BACKGROUND

On August 1, 2025, renewal applications and instructions were mailed to all current liquor license holders. Applicants were provided with a submission deadline of September 1, 2025, to allow sufficient time for review and forwarding to the Wyoming Liquor Division.

A total of 11 renewal applications were received. Six (6) completed renewals were sent to the Wyoming Liquor Division on September 23, 2025, and the remaining five (5) were submitted on October 6, 2025.

Two previously licensed establishments, Alpine Ace Hardware and Driftwood Pizzeria, did not renew their licenses for the 2026 licensing period.

Additionally, as a result of the Snake River Junction annexation, two new license holders—AVR On, Inc. d.b.a. Alpine Valley Resort and Ridge Creek Investment Co. d.b.a. Flying Saddle Resort—are now included under the Town of Alpine's jurisdiction.

All applications have been reviewed by Town staff for completeness and compliance with statutory requirements. Renewals include verification of fee payments, business licensing, and compliance with Wyoming Liquor Division regulations.

Public notice of renewal applications has been duly published as required by Wyoming law. As of the date of this report, no written protests or objections have been received by the Clerk's Office.

ANALYSIS

The following establishments have submitted applications for renewal of their respective licenses or permits for the January 1, 2026 – December 31, 2026, licensing period:

APPLICANT / ENTITY	DOING BUSINESS AS	LICENSE TYPE
AVR On, Inc.	Alpine Valley Resort	County Malt Beverage Permit
Ridge Creek Investment Co.	Flying Saddle Resort	Retail Liquor License
Get Down LLC	Melvin Brewing Co.	Microbrewery Permit
Get Down LLC	Melvin Brewing Co.	Restaurant Liquor License
La Cabana Del Tequila LLC	—	Restaurant Liquor License
Marquina LLC	Tienda La Mexicana	Restaurant Liquor License
Rocky Mountain Rogues Inc.	Bull Moose Saloon	Retail Liquor License
VR Tavern On The Greys LLC	—	Retail Liquor License
Yankee Doodles LLC	Red White & Brew	Restaurant Liquor License
Broulim Supermarkets LLC	Alpine Broulims	Retail Liquor License
Parkland Usa Corporation	On the Run	County Malt Beverage Permit

All renewal applications are in good standing. There are no outstanding fees, compliance concerns, or violations noted for any applicant at this time. Final review and approval from the Wyoming Liquor Division remains pending.

STAFF RECOMMENDATION

Staff recommends that the Town Council **approve the renewal of all listed liquor licenses for the 2026 licensing period**, **contingent upon final review and approval by the Wyoming Liquor Division**.

If approved, the renewed licenses will be effective **January 1, 2026, through December 31, 2026**.

ATTACHMENTS

- Liquor License Renewal Applications
- Proof of Publication for Public Notice

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE ONLY		
Customer #:		
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk

Local License # CMB-6

Filing In Jurisdiction:

☒ CITY or TOWN OF: Alpine

☐ COUNTY OF: _____

Date filed with clerk: 8 / 29 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10/22/2025 & 10/29/2025

Fees

Annual License Fee: **$500.00**

Prorated License Fee: $_____.____

Transfer Fee: $_____.____

Public Hearing Date: 11 / 04 / 2025

Publishing Fee: $_____.____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): AVR ON, INC.

Doing Business As (DBA) / Trade Name: ALPINE VALLEY RESORT

Building to be licensed / Building Address: 118450 HWY 89
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) WY (State) 83128 (Zip) LINCOLN (County)

Local Mailing Address: PO BOX 3939
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

JACKSON (City) WY (State) 83001 (Zip) TETON (County)

Business Telephone Number: 307-241-5707 Fax Number: _____

Business E-Mail Address: lana@thompsonpalmer.com

Business Primary Contact: BUD (First Name) CHATHAM (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☐ LLC | ☐ LC | ☒ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

*For a Transfer of Ownership: Attach a Form of Assignment | Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☒ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type (CHOOSE ONLY ONE)** (W.S. 12-6-101(c)(vi))

6

(May 2025)

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☒ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from APR to OCT ☐ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)

HOURS OF OPERATION: from 7am to 7pm ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☒ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☒ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____ paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s) 2 paragraph(s) 10.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☐ YES ☒ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ NO

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from: (Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3) (Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from: (Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4) (Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

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(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
HUGH H CHATHAM	04/20/75	460 CHEROKEE LN JACKSON, WY 83001	503-887-6337	4	50%	YES ☐ NO ☒	YES ☐ NO ☒
KELLY M KAISER	10/04/74	460 CHEROKEE LN JACKSON, WY 83001	206-979-9348	4	50%	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Teton *)*

Signed and sworn to before me on this 25th day of August, 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)		Hugh H Chatham	President
2)			
3)			
4)			
5)			

LANA WRAY
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 159739
MY COMMISSION EXPIRES: 12/02/2030

Witness my hand and official seal: Lana Wray

Signature of Notary Public

(SEAL)

My commission expires: 12/02/2030

11

(May 2025)

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
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- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
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Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF TETON)

Signed and sworn to before me on this 29th day of August, 2025 that the facts alleged in the foregoing instrument are true by the following:

1)	_____ (Signature)	HUGH H CHATHAM (Printed Name)	PRESIDENT Title
2)	Kelly Kaiser (Signature)	KELLY M KAISER (Printed Name)	TREASURER Title
3)	_____ (Signature)	_____ (Printed Name)	_____ Title
4)	_____ (Signature)	_____ (Printed Name)	_____ Title
5)	_____ (Signature)	_____ (Printed Name)	_____ Title

LANA WRAY
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 159739
MY COMMISSION EXPIRES: 12/02/2030

Witness my hand and official seal: Lana Wray

Signature of Notary Public

(SEAL)

My commission expires: 12/02/2023

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:		
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk

Local License # RBLL-7

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF: _____

Date filed with clerk: 09 / 03 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10/22/2025 & 10/29/2025

Fees

Annual License Fee: **$ 1,000.00**

Prorated License Fee: $_____.____

Transfer Fee: $_____.____

Public Hearing Date: **11 / 04 / 2025**

Publishing Fee: $_____.____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **Ridge Creek Investment Co.**

Doing Business As (DBA) / Trade Name: **Flying Saddle Resort**

Building to be licensed / Building Address: **118878 Hwy 89 & 26**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Local Mailing Address: **PO BOX 3227**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Business Telephone Number: 307-654-4422 Fax Number: _____

Business E-Mail Address: Luis@flyingsaddleresort.com

Business Primary Contact: Luis (First Name) Ojeda (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☒ LP | ☐ LLP | ☐ LLLP | ☐ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☒ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

13

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

☒ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☒ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☒ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from Jan to Dec. ☐ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from Mon to Sun ☐ Every Day (Mon-Sun)

HOURS OF OPERATION: from 7am to 10pm ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☒ YES (own)

(b) The Applicant **LEASES** the licensed building. ☐ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☐ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

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(a) Will food and beverage services be contracted or subcontracted? ☐

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3)

(Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4)

(Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Sharene Garaman	8/5/1954	1760 Packsaddle Jackson WY 83001	307-654-4422	46	100%	YES ☐ NO ☒	YES ☐ NO ☒
Pefilu, LLC Sharene Garaman 100% Solemember			PO Box 3890 Alpine, WY 83128			YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
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- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
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FILING FOR: RENEWAL

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OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Lincoln *)*

Signed and sworn to before me on this 28th day of August, 2025 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	Sharene Garamon	Sharene Garamon	Owner
2)			
3)			
4)			
5)			

TAYLER I. ZBORNIK
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 161980
MY COMMISSION EXPIRES: 09/28/2028

Witness my hand and official seal: Tayler I. Zbornik
Signature of Notary Public

(SEAL)

My commission expires: 09/28/2028

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	H-7119	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # RLL-12**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Fees Annual License Fee: **$750.00**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Date filed with clerk: 09 / 20 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Public Hearing Date: 11 / 04 / 2025

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **GET DOWN LLC**

Doing Business As (DBA) / Trade Name: **MELVIN BREWING COMPANY**

Building to be licensed / Building Address: **624 COUNTY ROAD 101**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Local Mailing Address: **PO Box 9250**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

JACKSON (City) **WY** (State) **83002** (Zip) **TETON** (County)

Business Telephone Number: **(307) 654-0427** Fax Number: _____

Business E-Mail Address: **jody@roadhousebrewery.com**

Business Primary Contact: **JODY** (First Name) **VALENTA** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment** | **Formerly Held by:**

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

19

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☒ RESTAURANT LIQUOR LICENSE	☐ BAR AND GRILL LIQUOR LICENSE	☐ SPECIAL MALT BEVERAGE PERMIT
☐ RESORT LIQUOR LICENSE	☐ RESORT HOTEL LIQUOR LICENSE	☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))
☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL	MONTHS OF OPERATION:	from _____ to _____	☒ All Year (Jan-Dec)
☐ NON-OPERATIONAL / PARKED	DAYS OF WEEK OF OPERATION:	from _____ to _____	☒ Every Day (Mon-Sun)
	HOURS OF OPERATION:	from 11:00 AM to 10:00 PM	☒ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1-3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☒ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☒ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions,** attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(May 2025)

(i) If YES, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (a) (ii), attach a copy of the current contract or subcontract.

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:	(Line 1) Liquor Sales:	$ 496,358	(40 %)
	(Line 2) Food Sales:	$ 744,538	(60 %)
(Line 1 + Line 2 must = Line 3)	(Line 3) Gross Sales:	$ 1,240,896	(100 %)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:	(Line 1) Liquor Sales:	$	(%)
	(Line 2) Food Sales:	$	(%)
	(Line 3) Entertainment Sales:	$	(%)
(Line 1 + Line 2 + Line 3 must = Line 4)	(Line 4) Gross Sales:	$	(%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-406

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) If YES to (e), attach a copy of the contract or subcontract.

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (e) (ii), attach a copy of the current contract or subcontract.

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-406

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) If YES to (f), attach a copy of the contract or subcontract.

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (f) (ii), attach a copy of the current contract or subcontract.

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c), attach a written explanation.**

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
GAVIN FINE	7/30/74	3825 KIMBALL WILSON, WY 83014	(307) 690-2521		50	YES ☐ NO ☒	YES ☐ NO ☒
COLBY COX	8/25/78	695 LAKOTA JACKSON, WY 83001	(307) 734-1654		50	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

ALL Individuals, ALL Partners, ONE (1) LLC Member, or TWO (2) Corporate Officers or Directors except that if all the stock of the corporation is owned by ONE (1) individual then that individual may sign and verify the application upon his oath, or ONE (1) Officer or Director, or Member of an Organization or Association.

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Teton)

Signed and sworn to before me on this 8 day of September, 2025 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	[signature]	GAVIN FINE	owner
2)			
3)			
4)			
5)			

NATALIE B HAYES
Notary Public - State of Wyoming
Commission ID 165201
My Commission Expires MARCH 23, 2031

Witness my hand and official seal: [signature]
Signature of Notary Public

My commission expires: 3/23/2031

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	V-403911	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # Micro BP-2**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Fees

Annual License Fee: **N/A**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Date filed with clerk: **09 / 20 / 2025**

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Public Hearing Date: **11 / 04 / 2025**

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: **01** (Month) / **01** (Day) / **2026** (Year) Through **12** (Month) / **31** (Day) / **2026** (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **GET DOWN LLC**

Doing Business As (DBA) / Trade Name: **MELVIN BREWING COMPANY**

Building to be licensed / Building Address: **624 COUNTY ROAD 101**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Local Mailing Address: **PO Box 9250**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

JACKSON (City) **WY** (State) **83002** (Zip) **TETON** (County)

Business Telephone Number: **(307) 654-0427** Fax Number: _____

Business E-Mail Address: **jody@roadhousebrewery.com**

Business Primary Contact: **JODY** (First Name) **VALENTA** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☒ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

25

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)

HOURS OF OPERATION: from 11 AM to 10 PM ☒ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1-3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☒ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____ paragraph(s)_____.

(iii) Sales provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☒ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES** to 2(a) above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions,** attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ N

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ NO

(i) **If YES,** is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3)

(Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4)

(Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☒ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) Malt Beverage Production

Minimum barrel production required for the current license term: 50.00

(i) Barrels produced to date for the current license term: 23,921 BBL

(ii) 1/1/25 – 9/8/25 Variance:

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☒ YES ☐ NO

(i) If NO to (c), attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) Is the Applicant a Political Subdivision of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If YES, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) If NO to (c) (iii), attach a copy of the current contract or subcontract.

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) If YES to (h), attach a copy of the Petition(s).

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
GAVIN FINE	7/30/74	3825 KIMBALL WILSON, WY 83014	(307) 690-2321		50	YES ☐ NO ☒	YES ☐ NO ☒
COLBY COX	8/25/78	695 LAKOTA JACKSON, WY 83001	(307) 734-1654		50	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

(May 2025)
REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

ALL Individuals, ALL Partners, ONE (1) LLC Member, or TWO (2) Corporate Officers or Directors except that if all the stock of the corporation is owned by ONE (1) individual then that individual may sign and verify the application upon his oath, or ONE (1) Officer or Director, or Member of an Organization or Association.

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)
COUNTY OF Teton *) SS.*

Signed and sworn to before me on this 8 day of September, 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)		Gavin Frie	owner
2)			
3)			
4)			
5)			

NATALIE B HAYES
Notary Public - State of Wyoming
Commission ID 165201
My Commission Expires MARCH 23, 2031

Witness my hand and official seal: Natalie B Hayes
Signature of Notary Public

(SEAL)

My commission expires: 3/23/31

(May 2025) H-3184

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	H-3184	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk

Local License # RLL-8

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Date filed with clerk: 09 / 19 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Fees Annual License Fee: **$750.00**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Public Hearing Date: **11 / 04 / 2025**

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **LA CABANA DEL TEQUILA, LLC**

Doing Business As (DBA) / Trade Name: **LA CABANA DEL TEQUILA**

Building to be licensed / Building Address: **40 SOUTH HWY 89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Local Mailing Address: **PO BOX ~~12256~~ 3637**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

~~JACKSON~~ Alpine	**WY**	~~83002~~ 83128	**LINCOLN**
City	State	Zip	County

Business Telephone Number: **(307) 654-8377** Fax Number: _____

Business E-Mail Address: Chrper83002@gmail.com

Business Primary Contact: **Christian Perez** (First Name) **Franco** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

31

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☒ RESTAURANT LIQUOR LICENSE	☐ BAR AND GRILL LIQUOR LICENSE	☐ SPECIAL MALT BEVERAGE PERMIT
☐ RESORT LIQUOR LICENSE	☐ RESORT HOTEL LIQUOR LICENSE	☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))
☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL
☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)
DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)
HOURS OF OPERATION: from **11:00 AM to 9:00 PM** ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☒ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: 3 / 31 / 2028; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☐ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ NO

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $ 45,000 (12.7 %)

(Line 2) Food Sales: $ 308,498 (87.3 %)

(Line 1 + Line 2 must = Line 3) (Line 3) Gross Sales: $ 353,498 (100 %)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $ _____

(Line 2) Food Sales: $ _____ %)

(Line 3) Entertainment Sales: $ _____ %)

(Line 1 + Line 2 + Line 3 must = Line 4) (Line 4) Gross Sales: $ _____ %)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Cristian Perez Franco	07/29 1980	28 Highway 89 Alpine WY 83128	(307) 6908548	7 years	100%	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☑ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☑ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☑ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Lincoln)

Signed and sworn to before me on this 19th day of Sept., 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	[signature]	Cristian Perez Franco	Owner
2)			
3)			
4)			
5)			

MELODY LESEBERG NOTARY PUBLIC My Commission Expires 3/2/2031 LINCOLN COUNTY, WYOMING

Witness my hand and official seal: [signature]

Signature of Notary Public

(SEAL)

My commission expires: 3/2/2031

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	H-70121	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # RLL-13**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Fees Annual License Fee: **$750.00**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Date filed with clerk: 09/30/2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Public Hearing Date: **11/04/2025**

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **MARQUINA, LLC**

Doing Business As (DBA) / Trade Name: **TIENDA LA MEXCIANA**

Building to be licensed / Building Address: **141 US HWY 89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Local Mailing Address: **PO BOX 3443**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Business Telephone Number: **(307) 413-8211** Fax Number: _____

Business E-Mail Address: **tiendalamexicana@myyahoo.com**

Business Primary Contact: **SALOMON** (First Name) **MARQUINA** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

*For a Transfer of Ownership: Attach a Form of Assignment | **Formerly Held by:**

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

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☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☒ RESTAURANT LIQUOR LICENSE	☐ BAR AND GRILL LIQUOR LICENSE	☐ SPECIAL MALT BEVERAGE PERMIT
☐ RESORT LIQUOR LICENSE	☐ RESORT HOTEL LIQUOR LICENSE	☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))
☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL
☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)
DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)
HOURS OF OPERATION: from **9:00 AM to 8:00 PM** ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☑ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☑ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☒ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☒ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $ 742.17 (.3 %)

(Line 2) Food Sales: $ 233,077 (99.7 %)

(Line 1 + Line 2 must = Line 3)

(Line 3) Gross Sales: $ 233,819.17 (100

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4)

(Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Salomon Marquina	10/17 1969	444 DR Riverview	307 413 0569	1	100	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Lincoln)

Signed and sworn to before me on this 3 day of September, 2025 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	Salomon Marquina	Salomon Marquina	Owner
2)			
3)			
4)			
5)			

SARAH GREENWALD
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 169279
MY COMMISSION EXPIRES: 11/30/2029

(SEAL)

Witness my hand and official seal: Sarah Greenwald

Signature of Notary Public

My commission expires: 11/30/2029

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE ONLY		
Customer #:		
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk

Local License # RBLL-1

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Date filed with clerk: 09 / 10 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10/22/2025 & 10/29/2025

Fees

Annual License Fee: **$1,000.00**

Prorated License Fee: $_____.____

Transfer Fee: $_____.____

Public Hearing Date: **11 / 4 / 2025**

Publishing Fee: $_____.____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **ROCKY MOUNTAIN ROGUES, INC.**

Doing Business As (DBA) / Trade Name: **BULL MOOSE SALOON**

Building to be licensed / Building Address: **91 HWY 89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Local Mailing Address: **PO BOX 3447**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Business Telephone Number: **(307) 654-7594** Fax Number: _____

Business E-Mail Address: **juline@silverstar.com**

Business Primary Contact: **JULINE** (First Name) **CHRISTOFFERSON** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☐ LLC | ☐ LC | ☒ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☒ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

43

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☒ ON & OFF PREMISE: BAR

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)

HOURS OF OPERATION: from **7:00 AM to 2:00 AM** ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☒ YES (own)

(b) The Applicant **LEASES** the licensed building. ☐ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☐ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☑ NO

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3)

(Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4)

(Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Juline Christofferson	8/21/1949	301 Hawthorner PL Alpine WY 83128	406 461-5572	YES ☒ NO ☐	YES ☐ NO ☒	YES ☐ NO ☒
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Juline Christofferson	8/21/49	301 Hawthorner Alpine, Wy 83128	406 461-5572	28	100 %	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

COUNTY OF Lincoln *) SS.*

Signed and sworn to before me on this 19th day of August, 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	Julina Christofferson	Julina Christofferson	President
2)			
3)			
4)			
5)			

T DESOURNETT
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 155376
MY COMMISSION EXPIRES: 06/06/2031

Witness my hand and official seal:

Signature of Notary Public

(SEAL)

My commission expires: 6/6/2031

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	B-7029	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # RBLL-6**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Fees

Annual License Fee: **$1,000.00**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Date filed with clerk: **09 / 03 / 2025**

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & **10 / 29 / 2025**

Public Hearing Date: **11/04/2025**

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: **01** (Month) / **01** (Day) / **2026** (Year) Through **12** (Month) / **31** (Day) / **2026** (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **VR TAVERN ON THE GREYS, LLC**

Doing Business As (DBA) / Trade Name: **TAVERN ON THE GREYS**

Building to be licensed / Building Address: **25 HWY 89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Local Mailing Address: **PO BOX 3189**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE	**WY**	**83128**	**LINCOLN**
City	State	Zip	County

Business Telephone Number: **(307) 654 4667** Fax Number: _____

Business E-Mail Address: accounting@greysrivercove.com

Business Primary Contact: **LEAH** (First Name) **BLUEMEL** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☒ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☒ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)

HOURS OF OPERATION: from **10:00 AM to 2:00 AM** ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☒ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: 4 / 30 / 2032; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s) 1 paragraph(s) 1.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s) 1 paragraph(s) 2.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☒ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ NO

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3)

(Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4)

(Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Grant van Rooyen	10/2/73	3465 N. Pines Way Suite 104 #71 Wilson, WY	720-691 3522	4	90	YES ☐ NO ☒	YES ☐ NO ☒
Guy van Rooyen	4/22/76	1831 Keys Crescent Cinti. OH 45206	859-912 0102	4	10	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

(May 2025)

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)

Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)

- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF ~~WYOMING~~ Kentucky)

COUNTY OF Kenton) *SS.*

Signed and sworn to before me on this 20 day of August, 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)		Guy van Rooyen	Member
2)			
3)			
4)			
5)			

LEAH R BLUEMEL
NOTARY PUBLIC
STATE AT LARGE
KENTUCKY
COMMISSION # KYNP18502
MY COMMISSION EXPIRES NOVEMBER 16, 2028

Witness my hand and official seal:

Signature of Notary Public

(Seal)

My commission expires: 11/16/28

(May 2025)

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE		
Customer #:	H-6315	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # RLL-2**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☐ COUNTY OF:

Fees

Annual License Fee: **$750.00**

Prorated License Fee: $_____._____

Transfer Fee: $_____._____

Date filed with clerk: 09 / 03 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Public Hearing Date: 11 / 04 / 2025

Publishing Fee: $_____._____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **YANKEE DOODLES LLC**

Doing Business As (DBA) / Trade Name: **RED WHITE & BREW**

Building to be licensed / Building Address: **20 S HWY 89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Local Mailing Address: **PO BOX 3021**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) **WY** (State) **83128** (Zip) **LINCOLN** (County)

Business Telephone Number: (307) 654-7507 Fax Number: _____

Business E-Mail Address: **Damyankees01@gmail.com**

Business Primary Contact: **Alyshia** (First Name) **Trujillo** (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

***For a Transfer of Ownership: Attach a Form of Assignment**

Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☐ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

55

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

☐ ON-PREMISE: BAR | ☐ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☒ RESTAURANT LIQUOR LICENSE	☐ BAR AND GRILL LIQUOR LICENSE	☐ SPECIAL MALT BEVERAGE PERMIT
☐ RESORT LIQUOR LICENSE	☐ RESORT HOTEL LIQUOR LICENSE	☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))
☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL
☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)
DAYS OF WEEK OF OPERATION: from **Thursday** to **Tuesday** ☐ Every Day (Mon-Sun)
HOURS OF OPERATION: from **6AM** to **9PM** ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☐ YES (own)

(b) The Applicant **LEASES** the licensed building. ☑ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: 10 / 01 / 2028; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s) 1 paragraph(s) 1.3.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s) 1 paragraph(s) 1.7.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. ☑ YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☑ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☑ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☑ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☑ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

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5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☑ YES ☐ NO

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6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $ 6318.30 (.6 %)

(Line 2) Food Sales: $ 1025820.91 (99.4 %)

(Line 1 + Line 2 must = Line 3) (Line 3) Gross Sales: $ 1032139.21 (100 %)

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7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4) (Line 4) Gross Sales: $_____ (_____%)

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8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

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9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip ***DO NOT LIST PO BOXES***	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Alyshia Trujillo	3/30/71	192 Lilac Dr #7635 Star Valley Ranch WY 83127	307-654-1076	7yrs	50%	YES ☐ NO ☒	YES ☐ NO ☒
Daniel Peter Cordova	11/15/81	324A Little Greys Loop Etna WY 83118	3072649854	7yr	50%	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☑ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☑ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

) SS.

COUNTY OF Lincoln)

Signed and sworn to before me on this 28 day of August, 20 25 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)		Alyshia Trujillo	8/28/25
2)		Daniel Perez	8/28/25
3)			
4)			
5)			

SARAH GREENWALD
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 169279
MY COMMISSION EXPIRES: 11/30/2029

Witness my hand and official seal: Sarah Greenwald

Signature of Notary Public

(SEAL)

My commission expires: 11/30/2029

(May 2025) A-760

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE ONLY		
Customer #:	A-760	
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK SECTION: Completed by City / Town / County Clerk | **Local License # RBLL-4**

Filing In Jurisdiction:

☒ CITY or TOWN OF: **ALPINE**

☒ COUNTY OF: **LINCOLN**

Fees

Annual License Fee: **$1,000.00**

Prorated License Fee: $_____.____

Transfer Fee: $_____.____

Date filed with clerk: 10/06/2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)

10 / 22 / 2025 & 10 / 29 / 2025

Public Hearing Date: **11 / 04 / 2025**

Publishing Fee: $_____.____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY CLERK: BEGIN ADVERTISING PROMPTLY!
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHEMENTS TO THE DIVISION.NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): **BROULIM SUPERMARKETS, LLC**

Doing Business As (DBA) / Trade Name: **ALPINE BROULIMS**

Building to be licensed / Building Address: **118400 US HWY 26/89**
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) | **WY** (State) | **83128** (Zip) | **LINCOLN** (County)

Local Mailing Address: **PO BOX 3229**
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) | **WY** (State) | **83128** (Zip) | **LINCOLN** (County)

Business Telephone Number: **(307) 654-7573** Fax Number: **(208) 745-7801**

Business E-Mail Address: accounting@broulims.com

Business Primary Contact: ~~ALAN~~ Cody (First Name) ~~DICKEY~~ Pearson (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☒ LLC | ☐ LC | ☐ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

*For a Transfer of Ownership: Attach a Form of Assignment | **Formerly Held by:**

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) **Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales**

☒ RETAIL LIQUOR LICENSE ☐ COUNTY MALT BEVERAGE PERMIT ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT ☐ WINERY SATELLITE PERMIT ☐ MANUFACTURER SATELLITE PERMIT

(i) **Primary Business Type** (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

(May 2025) A-760

☐ ON-PREMISE: BAR | ☒ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) **Licenses and Permits Authorized for ONLY On-Premise Sales**

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT
☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS-ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))
☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL
☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)
DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)
HOURS OF OPERATION: from 8:00 AM to 9:00 PM ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1- 3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant **OWNS** the licensed building. ☒ YES (own)

(b) The Applicant **LEASES** the licensed building. YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: _____/_____/_____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term **MUST** continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____ paragraph(s)_____.

(iii) **Sales** provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease **MUST** contain a provision specifically allowing the **SALE OF ALCOHOLIC or MALT BEVERAGES.**

(c) **RENEWAL ONLY:** The lease is current and on file with the Licensing Authority. YES ☐ NO

(i) **If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)**

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was **YES to 2(a)** above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) **If the answer was YES to any of the above questions**, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4-16 AND SIGNATURE PAGE: COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐

(i) **If YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (a) (ii), attach a copy of the current contract or subcontract.**

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3) (Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4) (Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-405

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (e),** attach a copy of the contract or subcontract.

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (e) (ii), attach a copy of the current contract or subcontract.**

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-405

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) **If YES to (f), attach a copy of the contract or subcontract.**

(ii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) **If NO to (f) (ii), attach a copy of the current contract or subcontract.**

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) **Malt Beverage Production**

Minimum barrel production required for the current license term: **50.00**

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 50,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) **If NO to (c),** attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) **Is the Applicant a Political Subdivision** of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If **YES**, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) **RENEWAL ONLY:** The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) **If NO to (c) (iii), attach a copy of the current contract or subcontract.**

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) **If YES to (h), attach a copy of the Petition(s).**

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

(May 2025) A-760

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☑ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Have you been convicted within the previous 10 years of: Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Robert W. Broulim	1/21/67	426 W. 4200 E. Rigby, ID 83442	208-745-9201		26%	YES ☐ NO ☒	YES ☐ NO ☒
Cyri M. OSwald	11/22/61	497 N. 4000 E. Rigby, ID 83442	208-745-9201		8%	YES ☐ NO ☒	YES ☐ NO ☒
Richard Broulim	12/25/37	451 N. 3900 E. Rigby, ID 83442	208-745-9201		8%	YES ☐ NO ☒	YES ☐ NO ☒
Skyler OSwald	12/16/88	3973 Parkside Rigby, ID 83442	208-745-9201		8%	YES ☐ NO ☒	YES ☐ NO ☒

(May 2025) A-760

REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

***ALL** Individuals, **ALL** Partners, **ONE (1)** LLC Member, or **TWO (2)** Corporate Officers or Directors except that if all the stock of the corporation is owned by **ONE (1)** individual then that individual may sign and verify the application upon his oath, or **ONE (1)** Officer or Director, or Member of an Organization or Association.*

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING)

COUNTY OF Jefferson *) SS.*

Signed and sworn to before me on this 29 day of Sept., 2025 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)	Robert W. Brown	Robert W. Brown	CEO
2)			
3)			
4)			
5)			

Witness my hand and official seal: Teresa Anderson

Signature of Notary Public

TERESA ANDERSON
NOTARY PUBLIC - STATE OF IDAHO
COMMISSION NUMBER 58120
MY COMMISSION EXPIRES 7-1-2029

(SEAL) My commission expires: 7-1-29

(May 2025)

PNW 80229

NEW OR RENEWAL LIQUOR LICENSE OR PERMIT APPLICATION

(State of Wyoming-County and Municipal Jurisdictions)

FOR LIQUOR DIVISION USE ONLY		
Customer #:		
Transf. from:		
1st Reviewer:		/ /
2nd Reviewer:		/ /

CLERK'S SECTION: Completed by City/Town/County Clerk | Local License # CMB-5

Filing In Jurisdiction:

☒ CITY or TOWN OF: ALPINE

☐ COUNTY OF:

Date filed with clerk: 09 / 22 / 2025

Advertising Dates: (Minimum 2 Consecutive Weeks Prior to Hearing)
10/22/2025 + 10/29/2025

Fees

Annual License Fee: $500.00

Prorated License Fee: $_____.____

Transfer Fee: $_____.____

Public Hearing Date: 11 / 04 / 2025

Publishing Fee: $_____.____

Publishing Fee Direct Billed to Applicant: ☒

License Term: 01 (Month) / 01 (Day) / 2026 (Year) Through 12 (Month) / 31 (Day) / 2026 (Year)

LICENSING AUTHORITY/CLERK: BEGIN ADVERTISING PROMPTLY.
PER W.S. 12-4-104(d): IMMEDIATELY FORWARD A COPY OF THE APPLICATION AND ALL ATTACHMENTS TO THE DIVISION. NO LICENSING AUTHORITY SHALL APPROVE OR DENY AN APPLICATION UNTIL THE LIQUOR DIVISION HAS CERTIFIED THE APPLICATION IS COMPLETE.

SECTION 1: APPLICANT & LOCATION INFORMATION

Applicant (Business Name): PARKLAND USA CORPORATION

Doing Business As (DBA) / Trade Name: ON THE RUN

Building to be licensed / Building Address: 16 BOARDWALK DRIVE
(Address Number, and Suite or Unit Number, and Street or Road Name)

ALPINE (City) WY (State) 83128 (Zip) LINCOLN (County)

Local Mailing Address: PO BOX 50108
(Address Number or PO Box, and Suite or Unit Number, and Street or Road Name)

IDAHO FALLS (City) ID (State) 83405 (Zip) _____ (County)

Business Telephone Number: (208) 910-2299 Fax Number: _____

Business E-Mail Address: Magaly.quintana@parklandusa.com

Business Primary Contact: MAGALY (First Name) QUINTANA (Last Name)

SECTION 2: FILING AS (CHOOSE ONLY ONE)

☐ INDIVIDUAL | ☐ GENERAL PARTNERSHIP | ☐ LP | ☐ LLP | ☐ LLLP | ☐ LLC | ☐ LC | ☒ CORPORATION (INC)

☐ NON-PROFIT CORPORATION (NCORP) | ☐ POLITICAL SUBDIVISION | ☐ ORGANIZATION | ☐ OTHER _____

SECTION 3: FILING FOR (CHOOSE ONLY ONE)

☐ NEW LICENSE OR PERMIT ☒ RENEWAL OF LICENSE OR PERMIT

☐ TRANSFER OF LOCATION ☐ TRANSFER OF OWNERSHIP* ☐ TRANSFER OF OWNERSHIP* and LOCATION

*For a Transfer of Ownership Attach a Form of Assignment | Formerly Held by:

SECTION 4: TYPE OF LICENSE OR PERMIT (CHOOSE ONLY ONE)

(a) Licenses and Permits Authorized for On-Premise Sales and Off-Premise Package Sales

☐ RETAIL LIQUOR LICENSE | ☒ COUNTY MALT BEVERAGE PERMIT | ☐ MICROBREWERY PERMIT

☐ WINERY PERMIT | ☐ WINERY SATELLITE PERMIT | ☐ MANUFACTURER SATELLITE PERMIT

(i) Primary Business Type (CHOOSE ONLY ONE) (W.S. 12-6-101(c)(vi))

(May 2025)

☐ ON-PREMISE: BAR | ☒ OFF-PREMISE: PACKAGE STORE | ☐ ON & OFF PREMISE: BAR & PACKAGE STORE

(b) Licenses and Permits Authorized for ONLY On-Premise Sales

☐ RESTAURANT LIQUOR LICENSE | ☐ BAR AND GRILL LIQUOR LICENSE | ☐ SPECIAL MALT BEVERAGE PERMIT

☐ RESORT LIQUOR LICENSE | ☐ RESORT HOTEL LIQUOR LICENSE | ☐ RESORT LIQUOR LICENSE-SKI RESORT

LIMITED RETAIL LIQUOR LICENSE (CLUB) ☐ GOLF CLUB ☐ VETERANS CLUB ☐ FRATERNAL CLUB ☐ SOCIAL CLUB

SECTION 5: SPECIAL STATUTORY DESIGNATIONS ONLY COMPLETE IF APPLICABLE (CHOOSE ONLY ONE)

☐ COMMERCIAL AIRPORT (W.S. 12-4-201(d)(iv)) | ☐ GOLF CLUB (W.S. 12-5-201(f)) | ☐ GUEST RANCH (W.S. 12-5-201(f))

☐ Other:

SECTION 6: OPERATIONAL STATUS (W.S. 12-1-101(a)(xxi)) / 12-2-301(c) / 12-4-103(a)(iv)) and to assist the Liquor Division with Scheduling Inspections)

☐ SEASONAL

☐ NON-OPERATIONAL / PARKED

MONTHS OF OPERATION: from _____ to _____ ☒ All Year (Jan-Dec)

DAYS OF WEEK OF OPERATION: from _____ to _____ ☒ Every Day (Mon-Sun)

HOURS OF OPERATION: from 5:00AM to 10:00PM ☐ 24 Hours a Day

ALL APPLICANTS MUST COMPLETE QUESTIONS 1-3

1. BUILDING OWNERSHIP: W.S. 12-4-103(a)(iii)

Does the Applicant own or lease the licensed building?

(a) The Applicant OWNS the licensed building. ☒ YES (own)

(b) The Applicant LEASES the licensed building. ☐ YES (lease)

If the building is leased, attach a copy of the lease agreement and complete (i) through (iii) below:

(i) The lease term expiration date is: N/A / _____ / _____; or, ☐ Does not expire / Automatically Renews.

Note: The lease term MUST continue at least through the term of the liquor license or permit.

(ii) The lease term information is located on page(s)_____ paragraph(s)_____.

(iii) Sales provision for alcoholic or malt beverages: located, on page(s)_____ paragraph(s)_____.

Note: The lease MUST contain a provision specifically allowing the SALE OF ALCOHOLIC or MALT BEVERAGES.

(c) RENEWAL ONLY: The lease is current and on file with the Licensing Authority. ☐ YES ☐ NO

(i) If NO to (c), attach a copy of the current lease agreement and complete 1.(b), (i) through (iii)

2. LIQUOR BUSINESS CONTROL: W.S. 12-4-601(b)

(a) To operate the liquor business, has the business or license/permit been assigned, leased, transferred or contracted with any other person (entity) to operate and assert total or partial control of the license or permit or the licensed building? ☐ YES ☒ NO

(b) If the answer was YES to 2(a) above, attach a written explanation and copies of any documents in connection there within.

3. INTEREST IN LICENSE OR PERMIT: W.S. 12-5-401, 12-5-402, 12-5-403

Does any alcohol manufacturer, brewer, rectifier, wholesaler, or through a subsidiary affiliate, officer, director or member of any such firm:

(a) Hold any interest in the license/permit applied for? ☐ YES ☒ NO

(b) Furnish by way of loan or any other money or financial assistance for purposes hereof in the business? ☐ YES ☒ NO

(c) Furnish, give, rent or loan any equipment, fixtures, interior decorations or signs other than standard brewery or manufacturer's signs? ☐ YES ☒ NO

(d) If the answer was YES to any of the above questions, attach a written explanation and copies of any documents in connection there within.

QUESTIONS 4 & 5 AND SIGNATURE PAGE COMPLETED BY THE APPLICANT AS APPLICABLE

4. RETAIL LIQUOR LICENSE-COMMERCIAL SERVICE AIRPORTS ONLY: W.S. 12-4-201(m)

(May 2025)

(a) Will food and beverage services be contracted or subcontracted? ☐ YES ☐ NO

(i) If YES, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (a) (ii), attach a copy of the current contract or subcontract.

5. BAR AND GRILL LICENSE OR RESTAURANT LIQUOR LICENSE ONLY: 12-4-413(a) / W.S. 12-4-407(a)

Is a copy of the valid food service permit or the approved permit application attached? ☐ YES ☐ NO

6. RESTAURANT LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-407(a) / W.S. 12-4-408

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 1 + Line 2 must = Line 3) (Line 3) Gross Sales: $_____ (_____%)

7. BAR AND GRILL LICENSE LIQUOR LICENSE-RENEWAL ONLY: W.S. 12-4-413(a) / W.S. 12-4-413(h),(j),(k)

(a) Gross sales figures and percentages of income derived from:

(Line 1) Liquor Sales: $_____ (_____%)

(Line 2) Food Sales: $_____ (_____%)

(Line 3) Entertainment Sales: $_____ (_____%)

(Line 1 + Line 2 + Line 3 must = Line 4) (Line 4) Gross Sales: $_____ (_____%)

8. RESORT LIQUOR LICENSE: W.S. 12-4-401 through W.S. 12-4-406

Does the resort complex:

(a) Have an actual valuation of at least one million dollars, or have committed or expended not less than one million dollars ($1,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-401(b)(i) ☐ YES ☐ NO

(b) Include a restaurant and a convention facility; a convention facility that will seat at least one hundred (100) persons? W.S. 12-4-401(b)(ii) ☐ YES ☐ NO

(c) Include motel, hotel or privately owned condominium, town house or home accommodations approved for short term occupancy with at least one hundred (100) sleeping rooms? W.S. 12-4-401(b)(iii) ☐ YES ☐ NO

(d) If no on question (c), have a ski resort facility open to the general public in which has been committed or expended not less than 10 million dollars ($10,000,000.00) on the facility? W.S. 12-4-401(b)(iv) ☐ YES ☐ NO

(e) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) If YES to (e), attach a copy of the contract or subcontract.

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (e) (ii), attach a copy of the current contract or subcontract.

9. RESORT HOTEL LIQUOR LICENSE: W.S. 12-4-416 / W.S. 12-4-403 through W.S. 12-4-406

Does the resort hotel:

(a) Have an actual valuation of at least five million dollars, or have committed or expended at least five million dollars ($5,000,000.00) on the complex, excluding the value of the land? W.S. 12-4-416(b)(i) ☐ YES ☐ NO

(b) Include a full-service restaurant? W.S. 12-4-416(b)(ii) ☐ YES ☐ NO

(c) Include not less than twenty (20) sleeping rooms for short-term occupancy? W.S. 12-4-416(b)(iii) ☐ YES ☐ NO

(d) Provide dining services to guest rooms for not less than twelve (12) hours each day? W.S. 12-4-416(b)(iv) ☐ YES ☐ NO

(e) Provide facilities to accommodate business meetings for not less than fifty (50) participants? W.S. 12-4-416(b)(v) ☐ YES ☐ NO

(f) Will food and beverage services be contracted or subcontracted? W.S. 12-4-403(b) ☐ YES ☐ NO

(i) If YES to (f), attach a copy of the contract or subcontract.

(ii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iii) If NO to (f) (ii), attach a copy of the current contract or subcontract.

10. MICROBREWERY PERMIT:

WHOLESALE DISTRIBUTION: W.S. 12-2-201(a)

(a) Will or does the microbrewery at this location self-distribute its products or distribute through a licensed wholesaler? ☐ YES ☐ NO

If YES to (a); contact the Wyoming Liquor Division for further information.

RENEWAL ONLY: PRODUCTION REQUIREMENTS: W.S. 12-1-101(a)(xix)

(b) Malt Beverage Production

Minimum barrel production required for the current license term: 50.00

(i) Barrels produced to date for the current license term: _____

(ii) Variance: _____

(c) Will the microbrewery at this location have produced at least 50 barrels (1,550 gallons) but less than 60,000 barrels (1, 550,000 gallons) by the end of the current license term as required by law? ☐ YES ☐ NO

(i) If NO to (c), attach a written explanation.

11. LIMITED RETAIL (CLUB) LIQUOR LICENSE: FRATERNAL CLUBS W.S. 12-1-101(a)(iii)(B)

(a) Has the fraternal organization been actively operating in at least thirty-six (36) states? ☐ YES ☐ NO

(b) Has the fraternal organization been actively in existence for at least twenty (20) years? ☐ YES ☐ NO

12. LIMITED RETAIL (CLUB) LIQUOR LICENSE: VETERANS CLUBS W.S. 12-1-101(a)(iii)(A)

(a) Does the Veteran's organization hold a charter by the Congress of the United States? ☐ YES ☐ NO

(b) Is the membership of the Veteran's organization comprised only of Veterans and its duly organized auxiliary? ☐ YES ☐ NO

13. LIMITED RETAIL (CLUB) LIQUOR LICENSE: GOLF CLUBS W.S. 12-1-101(a)(iii)(D) / W.S. 12-4-301(e)

(a) Does the golf club have more than fifty (50) bona fide members? ☐ YES ☐ NO

(b) Does the Applicant, maintain, or operate a bona fide golf course together with a clubhouse? ☐ YES ☐ NO

(c) Is the Applicant a Political Subdivision of the state that owns, maintains, or operates this golf course? ☐ YES ☐ NO

(i) Will food and beverage services be contracted or subcontracted? W.S. 12-4-301(e) ☐ YES ☐ NO

(ii) If YES, is a copy of the food and beverage contract or lease attached? ☐ YES ☐ NO

(iii) RENEWAL ONLY: The contract or subcontract is current and on file with the Licensing Authority. ☐ YES ☐ NO

(iv) If NO to (c) (iii), attach a copy of the current contract or subcontract.

14. LIMITED RETAIL (CLUB) LIQUOR LICENSE: SOCIAL CLUBS W.S. 12-1-101(a)(iii)(E) / W.S. 12-4-301(b)

(a) Does the club have more than one hundred (100) bona fide members who are residents of the county in which the club is located? ☐ YES ☐ NO

(b) Is the club incorporated and operating solely as a nonprofit organization under the laws of this state? ☐ YES ☐ NO

(c) Is the club qualified as a tax-exempt organization under the Internal Revenue Service? ☐ YES ☐ NO

(d) Has the club been in continuous operation for a period of not less than one (1) year? ☐ YES ☐ NO

(e) Has the club received twenty-five dollars ($25.00) from each bona fide member as recorded by the secretary of the club and are club members at the time of this application in good standing by having paid at least one (1) full year in dues? ☐ YES ☐ NO

(f) Does the club hold quarterly meetings and have an actively engaged membership carrying out the objectives of the club? ☐ YES ☐ NO

(g) Is a true copy of the club bylaws attached to this application? ☐ YES ☐ NO

(h) Has at least fifty one percent (51%) of the membership signed a petition indicating a desire to secure a Limited Retail Liquor License? (Petition(s) Attached) ☐ YES ☐ NO

(i) If YES to (h), attach a copy of the Petition(s).

15. For Applicants Filing As: Individual, General Partnership, Political Subdivision, Organization or Other: W.S. 12-4-102(a)(ii) & (iii)

(May 2025)

Each individual, partner or officer (as applicable) listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	Have you been a DOMICILED resident for at least 1 year and not claimed residence in any other state in the last year?	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐
				YES ☐ NO ☐	YES ☐ NO ☐	YES ☐ NO ☐

16. For Applicants Filing As: Corporation (INC), Limited Company (LC), Limited Liability Company (LLC), Limited Liability Partnership (LLLP) or Limited Partnership (LP): W.S. 12-4-102(a)(iv) & (v)

(a) Is the Applicant Registered and Active with the Wyoming Secretary of State as required per W.S. 12-4-103(a)(x) or as otherwise required by Wyoming state laws? ☒ YES ☐ NO ☐ NOT APPLICABLE

List below: Each Officer, Director, stockholder, legal entity or member holding, either jointly or severally, ten percent (10%) or more of the outstanding and issued capital stock or ownership of the corporation, limited liability company, limited liability partnership, or limited partnership.

Each Officer, Director or LLC member listed below must complete all of the information below.

(If more information is required, list on a separate piece of paper and attach to this application.)

True and Correct Name	Date of Birth	Residence Address No. & Street City, State & Zip *DO NOT LIST PO BOXES*	Residence Phone Number	No. of Years in Corp or LLC	% of Corporate Stock or Ownership Held	Have you been convicted within the previous 10 years of: Any Felony under Wyoming law?	Any Violation under Wyoming law relating to the sale or manufacture of Alcoholic Liquor or Malt Beverages?
Salima Virani Kelly	5-20-1980	10407 Tranquil Dr, Houston, TX 77043	949-375-2761	1.5 years	0%	YES ☐ NO ☒	YES ☐ NO ☒
Gregory Allen Anderson	10-21-1970	30110 Legends Ridge Dr Spring, TX 77386	918-688-3468	3 years	0%	YES ☐ NO ☒	YES ☐ NO ☒
						YES ☐ NO ☐	YES ☐ NO ☐
						YES ☐ NO ☐	YES ☐ NO ☐

(May 2025)
REQUIRED ATTACHMENTS:

FILING FOR: NEW, OR ANY TYPE OF TRANSFER

- ☐ A statement indicating the financial condition and financial stability of the Applicant. W.S. 12-4-102(a)(vi).
- ☐ If Filing For a Transfer of Ownership: Attach a form of assignment from the current licensee assigning the current license or permit to the new Applicant. W.S. 12-4-601(b).
- ☐ A copy of any lease agreement(s). W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)
- ☐ If filing for a Limited Retail Liquor License, operating as a Golf Club or Social Club, attach a copy of the club's bylaws including membership criteria. W.S. 12-4-301(c)
- ☐ If filing for a Microbrewery Permit or Winery Permit: Attach a copy of the approved Federal TTB Permit.
- ☐ If a current licensee is filing for a new, different license or permit: Attach a statement indicating the status of the current license or permit if the new license or permit is approved.

FILING FOR: RENEWAL

- ☐ A copy of any new or updated lease agreement(s) if not currently on file with the Licensing Authority. W.S. 12-4-103(a)(iii)
- ☐ Bar & Grill and Restaurant liquor license Applicants: Attach a copy of the current Food Service Permit or the approved permit application for the Applicant and for the licensed building location. 12-4-413(a) / W.S. 12-4-407(a)
- ☐ If food and beverage services will be contracted or subcontracted attach a copy of the contract or lease agreement if the agreement on file with the Licensing Authority is not current. W.S. 12-4-201(m) / W.S. 12-4-301(e) / W.S. 12-4-403(b)

OATH OR VERIFICATION W.S. 12-4-102(b)

Requires signatures by:

ALL Individuals, ALL Partners, ONE (1) LLC Member, or TWO (2) Corporate Officers or Directors except that if all the stock of the corporation is owned by ONE (1) individual then that individual may sign and verify the application upon his oath, or ONE (1) Officer or Director, or Member of an Organization or Association.

Any individual who signs the application must also be listed on Question 15 or Question 16 as applicable or additional documentation must be provided confirming legal authority to sign the application on behalf of the Applicant.

Under penalty of perjury, and the possible revocation or cancellation of the license, I swear the above stated facts, are true and accurate.

STATE OF WYOMING FLA)
) SS.
COUNTY OF DADE)

Signed and sworn to before me on this 11 day of SEPTEMBER, 2025 that the facts alleged in the foregoing instrument are true by the following:

	(Signature)	(Printed Name)	Title
1)		Salima Virani Kelly	Legal Counsel
2)		Gregory Anderson	Director
3)			
4)			
5)			

Witness my hand and official seal:

Signature of Notary Public

(SEAL)

My commission expires: _____

MAGALY QUINTANA
MY COMMISSION # HH 304167
EXPIRES: August 23, 2026

NOTICE IS HERBY GIVEN THAT, on August 29th, 2025; AVR ON, Inc., a Wyoming Corporation (Inc) Company, d.b.a., Alpine Valley Resort has made an application for the renewal of a County Malt Beverage Permit [#CMB-6] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT:

118450 HWY 89, Alpine Wyoming, Lot # 37 – Snake River Junction, Mixed Residential/Commercial (MRC) Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-026

NOTICE IS HERBY GIVEN THAT, on October 6th, 2025; Broulim Supermarkets, LLC, a Wyoming Limited Liability Company, d.b.a., Alpine Broulims has made an application for the renewal of a Retail Liquor License [#RBLL-4] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 118400 US Hwy 26/89, Alpine Wyoming, Lot #5 - Broulim 2nd Addition, Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-27

NOTICE IS HERBY GIVEN THAT, on September 20th, 2025; Get Down, LLC, a Wyoming Limited Liability Company, d.b.a., Melvin Brewing Company has made an application for the renewal of a Microbrewery Permit [#MICRO BP-2] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 624 County Road 101, Alpine Wyoming, Melvin Brewing Property Location, Light Industrial Zoning

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-28

NOTICE IS HERBY GIVEN THAT, on September 20th, 2025; Get Down, LLC, a Wyoming Limited Liability Company, d.b.a., Melvin Brewing Company has made an application for the renewal of a Restaurant Liquor License [#RLL-12] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 624 County Road 101, Alpine Wyoming, Melvin Brewing Property Location, Light Industrial Zoning

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-29

NOTICE IS HERBY GIVEN THAT, on September 30th, 2025; Marquina, LLC, a Wyoming Incorporated Company, d.b.a., Tienda La Mexicana has made an application for the renewal of a Restaurant Liquor License [#RLL-13] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 91 Hwy 89, Alpine Wyoming, Lot # 608 – Lakeview Estates "C", Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-30

NOTICE IS HERBY GIVEN THAT, on September 10th, 2025; Rocky Mountain Rogues, Inc, a Wyoming Corporation (Inc) Company, d.b.a., Bull Moose Saloon has made an application for the renewal of a Retail Liquor License [#RBLL-1] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 91 Hwy 89, Alpine Wyoming, Lot # 601 – Lakeview Estates "C", Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2024,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-031

NOTICE IS HERBY GIVEN THAT, on September 3rd, 2025; VR Tavern on the Greys, LLC, a Wyoming Limited Liability Company, d.b.a., Tavern on the Greys has made an application for the renewal of a Retail Liquor License [RBLL-6] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 25 US Highway 89, Alpine Wyoming, Tracts 1A, 2A1 & 2A2 of the Palis Park Subdivision, Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-032

NOTICE IS HERBY GIVEN THAT, on September 3rd, 2025; Yankee Doodles, LLC, a Wyoming Limited Liability Company, d.b.a., Red White & Brew has made an application for the renewal of a Restaurant Liquor License [#RLL-2] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 20 S HWY 89, Alpine Wyoming, Lot # 1 - Twin Pines Addition, Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-33

NOTICE IS HERBY GIVEN THAT, on September 19th, 2025; La Cabana Del Tequila LLC, a Wyoming Limited Liability Company, has made an application for the renewal of a Restaurant Liquor License [#RLL-8] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 40 US HWY 89, Alpine Wyoming, Lot #40 – Alpine Grid Area, Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-34

NOTICE IS HERBY GIVEN THAT, on September 3rd, 2025; Ridge Creek Investment Co., a Wyoming Limited Liability Partnership, d.b.a. Flying Saddle Resort, has made an application for the renewal of a Restaurant Liquor License [#RBLL-7] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 118878 US Highway 26/89, Alpine, Wyoming, Lot # 1 of the Flying Saddle Subdivision, Residential/Commercial (MRC) Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-35

NOTICE IS HERBY GIVEN THAT, on September 22nd, 2025; Parkland USA Corporation, d.b.a. On the Run has made an application for the renewal of a Restaurant Liquor License [#CMB-5] in the Town of Alpine, office of the Town Clerk for the following described property.

THE BUILDING IS LOCATED AT: 15 Boardwalk Drive, Alpine Wyoming, Lot #15 and #17 – Boardwalk Subdivision Amended Plat #992890, Commercial Zoned District

Protests, if any against this license will be heard at a **Public Hearing at 7:00 PM, on Tuesday November 4th, 2025,** in the Alpine Town Council Chambers in the Alpine Town Hall located at 250 River Circle, Alpine, Wyoming.

#SVI-2025-36

TOWN COUNCIL MEETING MINUTES

October 21, 2025 / 250 River Circle - Alpine, WY 83128

CALL TO ORDER

Mayor Green called the meeting to order at 6:00 p.m.

ROLL CALL

Clerk Chenault conducted roll call. Present were Mayor Green, Councilmembers Larsen, Scaffide, Wierda, and Burchard, establishing a quorum. Town Attorney James Sanderson was also in attendance.

ADOPTION OF AGENDA

Councilmember Larsen made a motion to adopt the agenda with the addition of Action Item (e): Electric Distribution Easement – Lower Valley Energy. Councilmember Burchard seconded.
Voting Yea: Mayor Green, Councilmembers Larsen, Wierda, and Burchard.
Voting Nay: Councilmember Scaffide.
Motion carried.

EXECUTIVE SESSION

Councilmember Larsen made a motion to enter Executive Session to discuss legal matters. Councilmember Burchard seconded.
Voting Yea: Mayor Green, Councilmembers Larsen, Scaffide, Wierda, and Burchard.
The Council entered Executive Session at 6:03 p.m.

Councilmember Larsen made a motion to exit Executive Session and enter recess at 7:06 p.m. Councilmember Burchard seconded.
Voting Yea: Mayor Green, Councilmembers Larsen, Scaffide, Wierda, and Burchard.

REGULAR MEETING

Mayor Green called the regular meeting to order at 7:10 p.m.

PLEDGE OF ALLEGIANCE: Mayor Green led the Pledge of Allegiance.

APPROVAL OF CONSENT AGENDA: Items listed on the consent agenda are considered to be routine and will be enacted by one motion in the form listed hereafter. There will be no

separate discussion of these items unless a Council member or citizen requests, in which case the item will be removed from the Consent Agenda and will be considered on the Regular Agenda.

CONSENT AGENDA

(a) Town Council Minutes: October 7th, 2025, Town Council Meeting Minutes: Councilmember Larsen made a motion to approve the October 7th, 2025, Town Council Meeting Minutes, Councilmember Burchard seconded. Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried.

(b) Bills to Pay Report: October 4, 2025 - October 21, 2025. Councilmember Larsen made a motion to approve the Bills to Pay Report: October 4, 2025 - October 21, 2025. Councilmember Burchard seconded. Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried.

(c) Financial Report: August 2025: Councilmember Larsen made a motion to approve the Financial Report: August 2025. Councilmember Burchard seconded. Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried.

REPORTS

Mayor's Report:

Mayor Green stated that he did not have much to report for the evening. He shared that the Town is planning to host a community art contest. The contest will invite local photographers to submit photos that capture "A Day in the Life of Alpine" or otherwise represent the town's character and inspiration. Details of the contest will be posted on the Town's website and Facebook page.

Mayor Green also announced that the Town's consultants will be hosting an Open House on November 3rd from 5:00 to 7:00 p.m. at the Alpine Civic Center. This event will provide an opportunity for residents and community members to speak directly with the consultants and share feedback on the ongoing projects and planning efforts. He encouraged anyone with questions to contact Town Hall for additional information and noted that the invitation is open to all Star Valley residents, as many travel through Alpine regularly.

Engineering Report – Jorgensen Engineering:

Kevin Meaghar with Jorgensen Engineering reported that the Radio Read Project is nearing completion. The antenna towers are scheduled to be installed next week, and once the controls are added, the system should be operational by the end of the month. Some vaults are still waiting on small parts from Change Order No. 2, which will be installed as they arrive.

Jorgensen is reviewing the Dead Horse Project lift station plans, which will be concrete. Only minor technical details remain to be finalized.

At the pre-treatment plant, water is being processed, but several sensors are not yet operational. The dewatering press ran successfully in manual mode and reduced six truckloads of material to one dumpster of dried output. The team will return next Tuesday to test automatic mode.

Jorgensen is also assisting with industrial use permits in coordination with JVI and Dustin.

Events Committee Report - Andrea Burchard:

Councilmember Burchard reminded everyone that Trunk or Treat will take place on October 31st at 5:00 p.m. in the Town Hall parking lot.

Community Bingo Nights are held on the first and third Friday of each month through April, and all proceeds benefit the community.

The Community Thanksgiving Dinner, sponsored by Top of the Rockies, will be held on Thanksgiving Day for anyone who would like to join.

Planning & Zoning Report – Melisa Wilson:

Melisa Wilson reported that the Commission reviewed several special use permits, including one for Creative Properties, which met requirements. The Dead Horse Project property owned by Dave Jenkins remains zoned MRC, with a special use permit required due to the lot being slightly under one acre.

The Commission also discussed a draft trash ordinance proposing requirements for trash receptacles and collection, though it is still in early discussion stages. A dark-sky light ordinance is also being finalized for review.

Economic Development Report & Alpine Travel & Tourism Board Report – Jeremiah Larsen:

Councilmember Larsen reported that the Lincoln County Travel and Tourism Board continues to meet regularly to establish its structure and purpose, focusing on both county branding and grant funding. The Board plans to meet with a consultant in Cokeville within the next month to refine its direction.

He noted that the grant process will likely mirror the county's recreation committee, with applications opening at the start of the year, review meetings to follow, and final awards approved by the County Commissioners.

For the Alpine Travel and Tourism Board, the next meeting is scheduled for November 6th at 6:00 p.m. at Town Hall. The Board will hear reports from summer grant recipients, handle housekeeping items, and begin preparations for the upcoming grant cycle starting January 1.

Lincoln County Sheriff's Report – Submitted in writing:

ACTION ITEMS

Lease Addendum - Get Down, LLC:

Councilmember Larsen made a motion to approve the Lease Addendum - Get Down, LLC. Councilmember Burchard seconded.

Clerk Chenault explained that Get Down LLC (Melvin Brewing) requested an addendum to their existing lease with the Town of Alpine for the parcel located in front of Town Hall. The addendum proposes delaying rent payments until the company can install signage, expected in spring 2026, and adding an option to renew the lease for one additional five-year term.

Mayor Green and the Council agreed the request was reasonable. Discussion followed regarding potential language addressing company insolvency, with the Town Attorney advising that bankruptcy issues would be handled through normal legal procedures and no additional clause was necessary.

Councilmember Larsen amended the motion to authorize Mayor Green to sign the lease addendum. The amendment was seconded by Councilmember Burchard and approved unanimously.

Councilmember Larsen then motioned to postpone the item for later in the meeting to allow the Town Attorney time to review the original lease. Councilmember Burchard seconded.

Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Wierda, Councilmember Burchard, and Councilmember Scaffide. Motion carried.

Resolution 2025-047 Alpine Travel & Tourism Board Semiquincentennial Celebration Grant:

Councilmember Burchard made a motion to accept Resolution 2025-047 Alpine Travel & Tourism Board Semiquincentennial Celebration Grant. Councilmember Wierda seconded.

Councilmember **Burchard** made a motion to approve Resolution 2025-047, supporting a grant request to the Alpine Travel and Tourism Board for the Semiquincentennial Celebration. Councilmember Wierda seconded.

Mayor Green explained that the grant request is for $25,000 to fund a deposit for country artist Jake Worthington, who is being considered to perform after the parade and before the fireworks during the 250th celebration. Additional expenses for production and staging will be included in future grant requests.

Discussion followed regarding the event cost and funding structure. Councilmember Scaffide expressed concern over the $25,000 cost for a single performance, noting the risk of weather impacts and potential strain on Travel and Tourism funds. Mayor Green clarified that the concert would be free to the public, and that various community foundations could help raise revenue through parking or other event activities.

The motion passed 3–1, with Councilmember Scaffide voting nay and Councilmember Larsen abstaining due to his role as Chairman of the Travel and Tourism Board.

Lease Addendum - Get Down, LLC

After Attorney Sanderson finished reviewing the original lease, the Council returned the item to the table, as it had been postponed earlier in the meeting.

Councilmember Larsen made a motion to approve the lease addendum with Get Down LLC (Melvin Brewing) and to authorize Mayor Green to sign on behalf of the Town of Alpine. Councilmember Burchard seconded.

Discussion confirmed that the addendum applies only to the Highway 26 location, not to any other properties. Councilmember Scaffide noted the importance of ensuring that signage lighting remains appropriate for nearby residential areas.

The motion passed unanimously.

Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried.

Special Use Permit - Melvin Brewing Sign:

Councilmember Larsen made a motion to approve the special use permit for Get Down LLC dba Melvin Brewing Company, contingent upon a fully executed lease agreement, payment of all application fees, and a required permit from WYDot for an off-premise sign. Councilmember Scaffide seconded.

Discussion clarified that the special use permit is required because the sign will be placed on Town-owned property and does not conform to standard zoning for signage. The sign is proposed to be approximately 20 feet tall and 8 feet wide. Council discussed comparisons to existing signage, snow storage considerations, and ensuring the sign’s orientation remains perpendicular to Highway 26.

Councilmember Larsen expressed concern about the height and potential precedent for other businesses, while noting the importance of directing traffic appropriately away from residential areas. Mayor Green confirmed the sign’s placement will not interfere with the winter snowmobile right-of-way and that power will be run to the site for future use.

The motion passed unanimously.

Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried.

FY 2025 - F-66 (WY-2) Annual City and Town Financial Report and Self Audit

Councilmember Larsen made a motion to accept the Fiscal Year 2025 F-66 (Wyoming-2) Annual City and Town Financial Report and Self Audit. Councilmember Burchard seconded.

Discussion clarified that this action acknowledges receipt of the completed report, which has already been submitted. Clerk Chenault explained that CPA Wade Hirschi assisted with the self-audit process and provided guidance for the Town to conduct future audits independently.

The motion passed, with Councilmember Scaffide abstaining.

Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Wierda, Councilmember Burchard. Voting Abstain: Councilmember Scaffide. Motion carried.

Electric Distribution Easement – Lower Valley Energy

Councilmember Larsen made a motion to approve the electric distribution easement with Lower Valley Energy and to authorize Mayor Green to sign the document upon review and approval by the Town Attorney. Councilmember Burchard seconded.

Clerk Chenault explained that the easement is required to provide electrical service to the charter school site. Attorney Sanderson identified two revisions: (1) each party will be responsible for its own attorney's fees, and (2) the perpetual easement will terminate if the charter school use ceases and the buildings are removed.

Discussion followed regarding whether maintaining electricity at the site could be beneficial for future development and clarification that the easement is an agreement between the Town of Alpine and Lower Valley Energy, not the charter school.

Councilmember Scaffide stated she would vote no, expressing concern that buildings were being moved onto the property earlier than expected.

The motion passed 4–1, with Councilmember Scaffide voting nay.

Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Wierda, Councilmember Burchard. Voting Nay: Councilmember Scaffide. Motion carried.

PUBLIC COMMENT

Patricia McQuade addressed the council regarding activity at the charter school site. She questioned whether it was appropriate for work to begin on the property prior to the lease becoming effective.

Attorney Sanderson and council members discussed that while moving dirt generally does not require a permit, it was unclear who authorized the contractor to begin work. The council agreed to look into who granted permission to access the site before the lease was active.

Sanderson noted that when he became aware of the activity, he requested that all work stop until the lease was finalized. Clerk Chenault explained that while the charter school had submitted its building permit application months earlier, it was not approved until the lease was officially executed.

Ms. McQuade emphasized her concern that the applicant may have accessed Town property prematurely. Mayor Green acknowledged the concern and stated that the matter would be reviewed.

Council briefly discussed ongoing efforts to obtain bids from landscape architects for a beautification plan in that area, which will be revisited after progress is made on the Town's Master Plan.

ADJOURNMENT

Councilmember Larsen made a motion to adjourn. Councilmember Burchard seconded the motion. Voting Yea: Mayor Green, Councilmember Larsen, Councilmember Scaffide, Councilmember Wierda, Councilmember Burchard. Motion carried. Meeting adjourned at 8:10 p.m.

MINUTES ARE A SUMMARY OF THE MEETING

Transcribed By:

_____ _____

Sarah Greenwald, Town Assistant Clerk Date

Attest:

_____ _____

Monica L. Chenault, Town Clerk Date

DRAFT

Minutes approved in a legally advertised meeting on November 4th, 2025

Signed:

Attest:

_____

Eric Green, Mayor

_____

Monica L. Chenault, Town Clerk

DRAFT

Report Criteria:
Report type: Summary
Check.Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount	
10/25	10/29/2025	0	1200	H-K Contractors	51-20100	12,724.00	
10/25	10/29/2025	0	1530	Lincoln County Water Quality Lab	51-20100	81.00	
10/25	10/29/2025	0	200	Alarmlogix	10-20100	35.00	
10/25	10/29/2025	0	290	Alpine Excavation LLC	51-20100	4,219.41	
10/25	10/29/2025	0	480	Belinda Penny	10-20100	920.00	
10/25	10/29/2025	0	860	Dry Creek Enterprises, Inc	52-20100	4,320.00	
10/25	10/29/2025	0	870	Energy Laboratories, Inc	52-20100	252.00	
10/25	10/29/2025	0	1090	Green's Window Cleaning	10-20100	200.00	
10/25	10/29/2025	0	1240	IDAWY Waste District	10-20100	58.30	
10/25	10/29/2025	0	1290	International Code Council	10-20100	51.00	
10/25	10/29/2025	0	1340	Jorgensen Engineering	52-20100	23,857.40	
10/25	10/29/2025	0	1930	Sherwin-Williams	10-20100	941.17	
10/25	10/29/2025	0	2160	Tapco	10-20100	3,125.49	
10/25	10/29/2025	0	2480	Valley Wide Cooperative, Inc	10-20100	936.48	
10/25	10/29/2025	0	910	Fall River Propane	52-20100	12.00	
10/25	10/29/2025	0	1450	Landia, Inc	52-20100	14,681.00	
10/25	10/29/2025	0	2830	Xylem Water Solutions U.S.A., Inc.	52-20100	6,308.23	
10/25	10/29/2025	0	2870	Sanderson Law Office	10-20100	2,600.00	
10/25	10/29/2025	0	2890	High Country Linen	52-20100	330.67	
10/25	10/29/2025	0	3110	Petty Cash	01-20100	129.38	
10/25	10/29/2025	0	3920	Cushing Terrell	10-20100	4,000.00	
10/25	10/29/2025	0	3950	Williams, Porter, Day & Neville, P.C.	10-20100	51.00	
10/25	10/29/2025	0	4070	Raftelis	52-20100	8,808.75	
10/25	10/29/2025	0	4160	Friends of Bridger Teton	10-20100	492.00	
10/25	10/29/2025	0	4190	Well Equipped, LLC	51-20100	1,328.75	
10/25	10/29/2025	0	4200	JVA, Inc.	52-20100	3,730.00	
10/25	10/29/2025	0	4290	W.W. Grainger, Inc.	52-20100	70.84	
11/25	11/03/2025	20557	1560	Lower Valley Energy	10-20100	326.70	M
11/25	11/03/2025	20558	1560	Lower Valley Energy	10-20100	19.02	M
11/25	11/03/2025	20559	1560	Lower Valley Energy	52-20100	18.84	M
11/25	11/03/2025	20560	1560	Lower Valley Energy	51-20100	2,930.92	M
11/25	11/03/2025	20561	1560	Lower Valley Energy	10-20100	46.63	M
11/25	11/03/2025	20562	1560	Lower Valley Energy	10-20100	27.81	M
11/25	11/03/2025	20563	1560	Lower Valley Energy	10-20100	30.33	M
11/25	11/03/2025	20564	1560	Lower Valley Energy	10-20100	30.68	M
11/25	11/03/2025	20565	1560	Lower Valley Energy	52-20100	4,386.64	M
11/25	11/03/2025	20566	1560	Lower Valley Energy	10-20100	24.61	M
11/25	11/03/2025	20567	1560	Lower Valley Energy	52-20100	84.99	M
11/25	11/03/2025	20568	1560	Lower Valley Energy	52-20100	59.26	M
11/25	11/03/2025	20569	1560	Lower Valley Energy	51-20100	22.27	M
11/25	11/03/2025	20570	1560	Lower Valley Energy	52-20100	18.06	M
11/25	11/03/2025	20571	1560	Lower Valley Energy	52-20100	39.23	M
11/25	11/03/2025	20572	1560	Lower Valley Energy	52-20100	212.86	M
11/25	11/03/2025	20573	1560	Lower Valley Energy	51-20100	51.95	M
11/25	11/03/2025	20574	1560	Lower Valley Energy	51-20100	19.56	M
11/25	11/03/2025	20575	1560	Lower Valley Energy	10-20100	57.15	M
11/25	11/03/2025	20576	1560	Lower Valley Energy	51-20100	66.12	M
11/25	11/03/2025	20577	1560	Lower Valley Energy	51-20100	420.13	M
11/25	11/03/2025	20578	1560	Lower Valley Energy	52-20100	24.31	M
11/25	11/03/2025	20579	1560	Lower Valley Energy	52-20100	42.53	M
11/25	11/03/2025	20580	1560	Lower Valley Energy	52-20100	53.36	M
11/25	11/03/2025	20581	1560	Lower Valley Energy	10-20100	18.00	M
11/25	11/03/2025	20582	1560	Lower Valley Energy	52-20100	1,382.46	M

M = Manual Check, V = Void Check

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount	
11/25	11/03/2025	20583	1560	Lower Valley Energy	10-20100	18.60	M
10/25	10/31/2025	20584	940	First Bank	10-20100	41,429.28	M
10/25	10/21/2025	20585	960	First Bank Card	10-20100	3,515.27	M
10/25	10/21/2025	20681	250	Alpine Ace Hardware	10-20100	1,498.95	
10/25	10/21/2025	20682	3600	Black Top Pros	10-20100	2,040.00	
10/25	10/21/2025	20683	570	Broulims-Alpine	10-20100	786.03	
10/25	10/21/2025	20684	4260	Carpets Plus Colortile	10-20100	14,288.05	
10/25	10/21/2025	20685	3760	Chemwest LLC	52-20100	1,300.00	
10/25	10/21/2025	20686	4250	Citizenserve	52-20100	43,700.00	
10/25	10/21/2025	20687	670	Comtech Digital Solutions	10-20100	1,823.49	
10/25	10/21/2025	20688	700	Control Engineers, PA	52-20100	3,225.00	
10/25	10/21/2025	20689	4270	DeCoria & Company, P.C.	52-20100	28,000.00	
10/25	10/21/2025	20690	3930	Design Energy Engineering, LLC	10-20100	27,475.00	
10/25	10/21/2025	20691	860	Dry Creek Enterprises, Inc	52-20100	8,985.00	
10/25	10/21/2025	20692	4160	Friends of Bridger Teton	10-20100	984.00	
10/25	10/21/2025	20693	2890	High Country Linen	10-20100	352.56	
10/25	10/21/2025	20694	1510	Lincoln County Sheriff's Office	10-20100	706.50	
10/25	10/21/2025	20695	4240	Midco Diving & Marine Services, Inc.	51-20100	9,722.00	
10/25	10/21/2025	20696	2150	Mike Lamere	10-20100	1,260.00	
10/25	10/21/2025	20697	1610	Mission Communications, LLC	51-20100	195.25	
10/25	10/21/2025	20698	1700	One Call of Wyoming	52-20100	144.90	
10/25	10/21/2025	20699	4090	Pacific Office Automation	10-20100	220.88	
10/25	10/21/2025	20700	1780	RE Investment Company	51-20100	376.74	
10/25	10/21/2025	20701	1880	Salt River Motors	51-20100	2,798.89	
10/25	10/21/2025	20702	1910	Servant Electric, PC	52-20100	3,924.71	
10/25	10/21/2025	20703	2140	SVI Media	10-20100	3,724.51	
10/25	10/21/2025	20704	2310	Town of Pinedale	52-20100	1,530.19	
10/25	10/21/2025	20705	2450	Valley Auto Supply	52-20100	461.76	
10/25	10/21/2025	20706	3140	Wade Hirschi, CPA, PC	10-20100	3,675.00	
10/25	10/21/2025	20707	3530	Westbank Sanitation	52-20100	1,152.65	
10/25	10/27/2025	20708	940	First Bank	51-20100	14,441.07	
Grand Totals:						328,434.57	

Summary by General Ledger Account Number

GL Account	Debit	Credit	Proof
01-10001	129.38	.00	129.38
01-20100	.00	129.38-	129.38-
10-20100	1,753.89	161,822.51-	160,068.62-
10-42-240	871.99	.00	871.99
10-42-315	13,519.98	.00	13,519.98
10-42-325	220.88	.00	220.88
10-42-335	12,717.40	285.68-	12,431.72
10-42-370	35.68	.00	35.68
10-42-390	.00	315.00-	315.00-
10-42-410	44.36	.00	44.36
10-45-335	7,283.33	.00	7,283.33
10-48-415	4,716.00	.00	4,716.00
10-50-331	28,748.50	.00	28,748.50
10-50-335	7,283.34	.00	7,283.34
10-50-350	484.51	.00	484.51
10-50-410	51.00	.00	51.00
10-54-333	3,032.58	454.73-	2,577.85

M = Manual Check, V = Void Check

GL Account	Debit	Credit	Proof
10-54-445	3,195.56	.00	3,195.56
10-56-319	706.50	.00	706.50
10-56-335	7,283.33	.00	7,283.33
10-58-330	2,039.87	40.92-	1,998.95
10-58-332	700.09	123.55-	576.54
10-58-334	12.16	.00	12.16
10-58-335	150.00	.00	150.00
10-58-410	1,455.69	534.01-	921.68
10-58-411	1,694.03	.00	1,694.03
10-58-450	104.77	.00	104.77
10-58-452	841.54	.00	841.54
10-58-454	604.37	.00	604.37
10-65-332	314.81	.00	314.81
10-65-340	1,260.00	.00	1,260.00
10-65-452	353.63	.00	353.63
10-65-454	125.00	.00	125.00
10-66-423	769.28	.00	769.28
10-90-541	4,000.00	.00	4,000.00
10-90-545	1,485.00	.00	1,485.00
10-90-546	14,288.05	.00	14,288.05
10-95-620	37,703.80	.00	37,703.80
10-95-630	3,725.48	.00	3,725.48
51-20100	.00	79,424.23-	79,424.23-
51-42-315	17,271.58	.00	17,271.58
51-42-335	7,433.33	.00	7,433.33
51-42-410	42.58	.00	42.58
51-80-320	111.95	.00	111.95
51-80-332	17,858.02	.00	17,858.02
51-80-430	975.00	.00	975.00
51-80-452	166.23	.00	166.23
51-80-453	3,417.17	.00	3,417.17
51-80-454	60.00	.00	60.00
51-80-500	2,798.89	.00	2,798.89
51-90-545	10,444.04	.00	10,444.04
51-90-546	4,404.37	.00	4,404.37
51-95-630	14,441.07	.00	14,441.07
52-20100	37.68	88,850.02-	88,812.34-
52-42-315	9,333.34	.00	9,333.34
52-42-335	7,383.33	.00	7,383.33
52-82-332	47.40	.00	47.40
52-82-454	619.05	.00	619.05
52-82-455	85.80	2.00-	83.80
52-83-315	600.00	.00	600.00
52-83-332	9,178.48	35.68-	9,142.80
52-83-454	2,535.11	.00	2,535.11
52-84-315	2,845.00	.00	2,845.00
52-84-318	14,340.19	.00	14,340.19
52-84-320	459.98	.00	459.98
52-84-332	2,528.35	.00	2,528.35
52-84-454	4,405.48	.00	4,405.48
52-84-500	84.70	.00	84.70
52-90-541	6,274.20	.00	6,274.20
52-90-542	4,404.38	.00	4,404.38
52-90-543	17,417.00	.00	17,417.00
52-90-544	6,308.23	.00	6,308.23

GL Account	Debit	Credit	Proof
Grand Totals:	332,017.71	332,017.71-	.00

Dated: _____

Mayor: _____

Council: _____

_____

_____

_____

Treasurer: _____

Report Criteria:
Report type: Summary
Check.Type = {<>} "Adjustment"

TOWN OF ALPINE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	TAX REVENUE					
10-31-100	PROPERTY TAX	4,890.52	6,201.25	135,000.00	128,798.75	4.6
10-31-110	MOTOR VEHICLE TAX	.00	.00	66,000.00	66,000.00	.0
10-31-200	BASIC SALES & USE TAX	46,489.95	136,634.15	585,000.00	448,365.85	23.4
10-31-210	LOCAL OPTIONS SALES & USE TAX	38,939.66	125,634.13	390,000.00	264,365.87	32.2
10-31-220	GAS TAX	6,334.76	16,567.24	45,000.00	28,432.76	36.8
10-31-225	SPECIAL FUELS TAX	1,084.89	3,444.66	12,000.00	8,555.34	28.7
10-31-230	CIG. TAX	864.62	2,521.07	8,000.00	5,478.93	31.5
10-31-235	LODGING TAX	43,695.27	94,583.53	200,000.00	105,416.47	47.3
10-31-240	FRANCHISE TAX	.00	10,206.49	16,500.00	6,293.51	61.9
10-31-250	SEVERANCE TAX	.00	.00	23,000.00	23,000.00	.0
10-31-260	MINERAL ROYALTIES	.00	.00	106,000.00	106,000.00	.0
10-31-270	DIRECT DISTRIBUTION	.00	67,079.95	145,000.00	77,920.05	46.3
	TOTAL TAX REVENUE	142,299.67	462,872.47	1,731,500.00	1,268,627.53	26.7
	LICENSES AND PERMITS					
10-32-100	BUSINESS LICENSE	550.00	2,150.00	20,000.00	17,850.00	10.8
10-32-110	LIQUOR LICENSE	7,000.00	7,025.00	11,000.00	3,975.00	63.9
10-32-120	BUILDING PERMITS	48,339.35	54,614.35	140,000.00	85,385.65	39.0
10-32-125	DEVELOPMENT FEES	500.00	500.00	.00	(500.00)	.0
10-32-130	DOG & CAT LICENSE	.00	70.00	800.00	730.00	8.8
	TOTAL LICENSES AND PERMITS	56,389.35	64,359.35	171,800.00	107,440.65	37.5
	CHARGES FOR SERVICES					
10-33-100	RENTS	10,595.00	11,668.00	255,000.00	243,332.00	4.6
10-33-120	UTILITIES	.00	.00	1,500.00	1,500.00	.0
10-33-130	EVENTS REVENUE	.00	.00	7,500.00	7,500.00	.0
10-33-135	MOUTAIN DAYS REVENUE	.00	400.00	16,500.00	16,100.00	2.4
10-33-140	RECAPTURE REVENUE	30,366.44	60,732.88	.00	(60,732.88)	.0
	TOTAL CHARGES FOR SERVICES	40,961.44	72,800.88	280,500.00	207,699.12	26.0
	INTERGOVERNMENTAL REVENUE					
10-34-100	LOTTERY	.00	1,646.14	18,000.00	16,353.86	9.2
10-34-200	GRANT INCOME	42,080.50	42,080.50	426,000.00	383,919.50	9.9
	TOTAL INTERGOVERNMENTAL REVENUE	42,080.50	43,726.64	444,000.00	400,273.36	9.9

TOWN OF ALPINE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	FINES & PENALTIES					
10-35-100	CITATIONS	.00	620.00	5,000.00	4,380.00	12.4
	TOTAL FINES & PENALTIES	.00	620.00	5,000.00	4,380.00	12.4
	OTHER REVENUE					
10-38-100	INTEREST INCOME	2,622.38	9,290.69	36,000.00	26,709.31	25.8
10-38-800	OTHER INCOME	75.00	150.00	.00	(150.00)	.0
10-38-900	PROCEEDS FROM ASSET SALES	.00	.00	5,000.00	5,000.00	.0
	TOTAL OTHER REVENUE	2,697.38	9,440.69	41,000.00	31,559.31	23.0
	TOTAL FUND REVENUE	284,428.34	653,820.03	2,673,800.00	2,019,979.97	24.5

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	MAYOR & COUNCIL					
10-41-110	ELECTED OFFICER SALARIES	1,846.16	7,286.56	33,000.00	25,713.44	22.1
10-41-210	PAYROLL TAXES	109.14	445.85	2,500.00	2,054.15	17.8
10-41-220	HEALTH INSURANCE	1,258.04	5,176.99	18,500.00	13,323.01	28.0
10-41-397	MILEAGE	.00	.00	1,000.00	1,000.00	.0
	TOTAL MAYOR & COUNCIL	3,213.34	12,909.40	55,000.00	42,090.60	23.5
	ADMINISTRATION					
10-42-110	ADMIN SALAIRES	14,419.23	51,753.52	200,000.00	148,246.48	25.9
10-42-210	ADMIN PAYROLL TAXES	4,298.39	7,355.48	20,000.00	12,644.52	36.8
10-42-220	ADMIN MEDICAL BENEFITS	571.88	1,993.84	36,000.00	34,006.16	5.5
10-42-230	ADMIN RETIREMENT	2,814.89	4,733.57	36,000.00	31,266.43	13.2
10-42-240	ADMIN HUMAN RESOURCES	158.44	(1,045.90)	3,000.00	4,045.90	(34.9)
10-42-314	WEBSITE	.00	(1,138.66)	10,000.00	11,138.66	(11.4)
10-42-315	PROFESSIONAL SERVICES	3,501.85	12,465.37	90,000.00	77,534.63	13.9
10-42-325	OFFICE EQUIPMENT LEASE/RENT	220.88	662.64	4,000.00	3,337.36	16.6
10-42-335	SOFTWARE AND IT	2,651.84	18,290.24	35,000.00	16,709.76	52.3
10-42-340	TELEPHONE/FAX	506.16	1,473.06	7,000.00	5,526.94	21.0
10-42-345	NEW OFFICE EQUIPMENT	282.98	565.96	1,000.00	434.04	56.6
10-42-350	ADVERTISING	118.75	304.13	5,000.00	4,695.87	6.1
10-42-360	DUES & MEMBERSHIPS	.00	2,743.75	7,500.00	4,756.25	36.6
10-42-370	MERCHANT FEES/BANK CHARGES	233.00	1,691.40	5,000.00	3,308.60	33.8
10-42-380	LIABILITY POOL INSURANCE	.00	.00	2,750.00	2,750.00	.0
10-42-381	OTHER INSURANCE	(769.39)	1,632.64	2,500.00	867.36	65.3
10-42-390	ADMIN EDUCATION & TRAINING	.00	315.00	4,000.00	3,685.00	7.9
10-42-395	ADMIN TRAVEL	97.69	97.69	4,000.00	3,902.31	2.4
10-42-405	ADMIN POSTAGE	135.00	494.85	3,000.00	2,505.15	16.5
10-42-410	ADMIN OFFICE SUPPLIES	578.89	673.68	6,000.00	5,326.32	11.2
10-42-415	OTHER EXPENSES	51.00	(1,385.40)	.00	1,385.40	.0
	TOTAL ADMINISTRATION	29,871.48	103,676.86	481,750.00	378,073.14	21.5
	COURT					
10-45-100	JUDGE SALARY	769.23	2,000.00	6,000.00	4,000.00	33.3
10-45-110	COURT CLERK SALARY	.00	.00	3,300.00	3,300.00	.0
10-45-210	COURT PAYROLL TAXES	58.84	153.00	750.00	597.00	20.4
10-45-220	COURT MEDICAL BENEFITS	.00	.00	550.00	550.00	.0
10-45-230	COURT RETIREMENT	.00	.00	700.00	700.00	.0
10-45-311	COURT LEGAL & PROFESSIONAL	.00	.00	5,000.00	5,000.00	.0
10-45-335	COURT IT	.00	7,283.33	5,000.00	(2,283.33)	145.7
10-45-395	COUT RTRAINING & TRAVEL EXP	.00	.00	500.00	500.00	.0
10-45-410	COURT OFFICE SUPPLIES - POST	.00	.00	500.00	500.00	.0
10-45-411	COURT SOFTWARE	197.00	591.00	3,000.00	2,409.00	19.7
	TOTAL COURT	1,025.07	10,027.33	25,300.00	15,272.67	39.6

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	TRAVEL & TOURISM					
10-48-100	TRAVEL & TOURISM WAGES	.00	.00	3,400.00	3,400.00	.0
10-48-210	TRAVEL & TOURISM PAYROLL TAXES	.00	.00	300.00	300.00	.0
10-48-220	TOURISM BOARD MEDICAL BENEFIT	.00	.00	600.00	600.00	.0
10-48-230	TOURISM BOARD RETIREMENT	.00	.00	700.00	700.00	.0
10-48-315	TRAVEL & TOURSIM PROFESSIONAL	.00	.00	1,000.00	1,000.00	.0
10-48-410	TRAVEL & TOURISM SUPPLIES	.00	57.00	100.00	43.00	57.0
10-48-415	TRAVEL & TOURISM GRANT AWARDS	45,841.50	92,387.73	205,106.00	112,718.27	45.0
	TOTAL TRAVEL & TOURISM	45,841.50	92,444.73	211,206.00	118,761.27	43.8
	BUILDING & DEVELOPMENT					
10-50-110	P & Z WAGES	6,136.20	25,028.72	75,000.00	49,971.28	33.4
10-50-210	P & Z PAYROLL TAXES	1,696.27	3,468.68	5,500.00	2,031.32	63.1
10-50-220	P & Z MEDICAL BENEFITS	1,258.04	5,176.99	20,000.00	14,823.01	25.9
10-50-230	P & Z RETIREMENT	1,076.17	1,299.31	12,000.00	10,700.69	10.8
10-50-315	BUILDING INSPECTION SERVICES	.00	.00	84,000.00	84,000.00	.0
10-50-331	P & Z LEGAL & PROFESSIONAL	2,890.95	3,403.45	24,000.00	20,596.55	14.2
10-50-335	P & Z IT	456.62	8,796.76	15,000.00	6,203.24	58.7
10-50-350	P & Z ADVERTISING	.00	475.01	1,500.00	1,024.99	31.7
10-50-395	P & Z TRAINING & TRAVEL	.00	.00	1,500.00	1,500.00	.0
10-50-397	P & Z MILEAGE	.00	.00	500.00	500.00	.0
10-50-410	P & Z OFFICE SUPPLIES & STAMPS	467.67	827.86	7,500.00	6,672.14	11.0
10-50-411	P & Z SOFTWARE	.00	.00	7,500.00	7,500.00	.0
	TOTAL BUILDING & DEVELOPMENT	13,981.92	48,476.78	254,000.00	205,523.22	19.1
	STREETS					
10-54-110	STREETS SALARY & WAGES	5,880.57	17,115.83	210,000.00	192,884.17	8.2
10-54-210	STREETS PAYROLL TAXES	678.12	2,754.81	25,000.00	22,245.19	11.0
10-54-220	STREETS MEDICAL BENIFITS	(25.36)	451.87	50,000.00	49,548.13	.9
10-54-230	STREETS RETIREMENT	2,081.91	1,657.33	41,000.00	39,342.67	4.0
10-54-315	STREETS PROFESSIONAL SERVICES	.00	(3.29)	500.00	503.29	(.7)
10-54-333	REPAIRS & MAINT. - STREETS	104.08	67,842.92	80,000.00	12,157.08	84.8
10-54-334	REPAIRS & MAINT. - SNOW REMOVA	.00	.00	30,000.00	30,000.00	.0
10-54-350	STREETS EQUIPMENT R & M	.00	.00	15,000.00	15,000.00	.0
10-54-351	SNOW REMOVAL EQUIPMENT R & M	.00	(649.90)	35,000.00	35,649.90	(1.9)
10-54-380	STREETS INSURANCE	1,691.97	1,691.97	.00	(1,691.97)	.0
10-54-400	STREETS - TOOLS & EQUIPMENT	.00	.00	3,000.00	3,000.00	.0
10-54-445	STREETS SIGNS	1,342.15	1,972.79	10,000.00	8,027.21	19.7
10-54-454	FUEL - STREETS	911.80	2,264.65	5,000.00	2,735.35	45.3
10-54-455	FUEL - SNOW REMOVAL	.00	.00	25,000.00	25,000.00	.0
	TOTAL STREETS	12,665.24	95,098.98	529,500.00	434,401.02	18.0

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LAW ENFORCEMENT					
10-56-110	CODE ENFORCEMENT SALARY	1,724.19	6,379.88	21,000.00	14,620.12	30.4
10-56-210	CODES PAYROLL TAXES	192.49	748.36	2,500.00	1,751.64	29.9
10-56-220	CODES MEDICAL BENEFITS	367.36	795.34	5,500.00	4,704.66	14.5
10-56-230	CODES RETIREMENT	321.03	1,187.90	4,000.00	2,812.10	29.7
10-56-319	COUNTY OFFICER CONTRACT & COMM	706.50	66,413.00	145,000.00	78,587.00	45.8
10-56-335	SOFTWARE AND IT	.00	7,283.33	.00	(7,283.33)	.0
10-56-410	CODES OFFICE SUPPLIES	195.70	606.80	1,000.00	393.20	60.7
10-56-415	CODES OTHER EXPENSES	.00	.00	5,000.00	5,000.00	.0
10-56-452	CODES UTILITIES	44.08	88.16	750.00	661.84	11.8
10-56-454	CODES FUEL & MILEAGE	.00	59.97	2,000.00	1,940.03	3.0
	TOTAL LAW ENFORCEMENT	3,551.35	83,562.74	186,750.00	103,187.26	44.8
	FACILITIES					
10-58-110	FACILITIES SALARY & WAGES	.00	.00	100,000.00	100,000.00	.0
10-58-210	FACILITIES - PAYROLL TAX	.00	.00	12,000.00	12,000.00	.0
10-58-220	FACILITIES - MEDICAL BENEFITS	.00	.00	18,000.00	18,000.00	.0
10-58-230	FACILITIES - RETIREMENT	.00	.00	22,000.00	22,000.00	.0
10-58-330	FACILITIES - TOWN HALL R & M	286.60	9,694.24	17,500.00	7,805.76	55.4
10-58-332	FACILITIES - C.C. R & M	626.46	3,231.21	17,500.00	14,268.79	18.5
10-58-334	FACILITIES - SHOP R & M	.00	3,531.26	7,500.00	3,968.74	47.1
10-58-335	FACILITIES SOFTWARE AND IT	163.08	691.24	4,000.00	3,308.76	17.3
10-58-336	FACILITIES - MC BLDG R & M	.00	.00	2,500.00	2,500.00	.0
10-58-360	FACILITIES - CDC R & M	.00	.00	1,000.00	1,000.00	.0
10-58-380	FACILITIES - RENTAL SIDE OF TH	.00	.00	2,500.00	2,500.00	.0
10-58-400	FACILITIES TOOLS & EQUIPMENT	445.59	2,170.74	10,000.00	7,829.26	21.7
10-58-410	SHOP SUPPLIES	731.31	3,708.75	10,000.00	6,291.25	37.1
10-58-411	CIVIC CENTER SUPPLIES	.00	(1,925.68)	2,500.00	4,425.68	(77.0)
10-58-450	FACILITIES - T.H. UTILITIES	154.81	319.36	3,000.00	2,680.64	10.7
10-58-452	FACILITIES - C.C. UTILITIES	680.07	603.61	20,000.00	19,396.39	3.0
10-58-454	FACILITIES - SHOP UTILITIES	428.53	1,083.44	20,000.00	18,916.56	5.4
10-58-456	FACILITIES - MC UTILITIES	.00	.00	250.00	250.00	.0
10-58-540	FACILITIES - TOWN INSURANCE	.00	1,413.65	3,000.00	1,586.35	47.1
10-58-542	FACILITIES - SHOP INSURANCE	.00	1,983.03	2,500.00	516.97	79.3
10-58-544	FACILITIES - C.C. INSURANCE	.00	4,158.81	4,000.00	(158.81)	104.0
10-58-546	FACILITIES - M.C. INSURANCE	.00	.00	2,500.00	2,500.00	.0
10-58-548	FACILITIES - CDC INSURANCE	.00	796.93	.00	(796.93)	.0
10-58-550	FACILITIES - FIRE DEPT INS	.00	1,543.38	.00	(1,543.38)	.0
	TOTAL FACILITIES	3,516.45	33,003.97	282,250.00	249,246.03	11.7

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PARKS					
10-65-110	PARKS SALARIES & WAGES	.00	9,266.28	100,000.00	90,733.72	9.3
10-65-210	PARKS PAYROLL TAXES	.00	1,117.79	12,000.00	10,882.21	9.3
10-65-220	PARKS MEDICAL BENEFITS	.00	2,451.87	18,000.00	15,548.13	13.6
10-65-230	PARKS RETIREMENT	.00	1,851.74	22,000.00	20,148.26	8.4
10-65-315	PARKS PROFESSIONAL SERVICES	.00	1,710.00	500.00	(1,210.00)	342.0
10-65-332	PARKS REPAIRS & MAINT.	(1,695.19)	3,146.97	45,000.00	41,853.03	7.0
10-65-340	PARKS OUTSIDE SERVICES/SUB CON	1,382.50	2,800.00	25,000.00	22,200.00	11.2
10-65-380	PARKS INSURANCE	16.27	16.27	.00	(16.27)	.0
10-65-450	PARKS - VEHICLES, TOOLS, & EQU	.00	1,257.89	2,000.00	742.11	62.9
10-65-452	PARKS UTILITIES	804.05	2,884.08	15,500.00	12,615.92	18.6
10-65-454	PARKS FUEL	69.02	390.38	2,500.00	2,109.62	15.6
	TOTAL PARKS	576.65	26,893.27	242,500.00	215,606.73	11.1
	EVENTS					
10-66-110	EVENTS SALARIES & WAGES	.00	.00	3,500.00	3,500.00	.0
10-66-210	EVENTS PAYROLL TAXES	.00	.00	750.00	750.00	.0
10-66-220	EVENTS MEDICAL BENEFITS	.00	.00	1,000.00	1,000.00	.0
10-66-230	EVENTS RETIREMENT	.00	.00	1,500.00	1,500.00	.0
10-66-421	4TH OF JULY EXPENSES	.00	15,000.00	15,600.00	600.00	96.2
10-66-422	CHRISTMAS LIGHT EXPENSES	.00	(29.98)	4,500.00	4,529.98	(.7)
10-66-423	PUMPKIN PATCH EXPENSES	300.00	300.00	1,800.00	1,500.00	16.7
10-66-424	TRUNK OR TREAT EXPENSES	.00	.00	350.00	350.00	.0
10-66-425	SANTA EXPENSES	.00	(31.44)	1,975.00	2,006.44	(1.6)
10-66-426	WINTER JUBILEE EXPENSES	.00	.00	12,200.00	12,200.00	.0
10-66-428	EASTER EGG HUNT EXPENSES	.00	.00	2,150.00	2,150.00	.0
10-66-429	SPRING CLEANUP EXPENSES	.00	.00	750.00	750.00	.0
10-66-430	MOUNTAIN DAYS EXPENSES	.00	384.79	20,000.00	19,615.21	1.9
10-66-431	MUSIC SERIES EXPENSES	148.00	15,898.00	20,000.00	4,102.00	79.5
10-66-450	OTHER EVENTS EXPENSES	.00	(89.16)	.00	89.16	.0
	TOTAL EVENTS	448.00	31,432.21	86,075.00	54,642.79	36.5
	BUSINESS & COMMUNITY DEV					
10-70-315	BUSINESS & COMMUNITY DEVELOPME	.00	5,387.51	10,000.00	4,612.49	53.9
	TOTAL BUSINESS & COMMUNITY DEV	.00	5,387.51	10,000.00	4,612.49	53.9

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CAPITAL OUTLAY					
10-90-540	CAPITAL EXPENDITURES	19,699.50	19,699.50	.00	(19,699.50)	.0
10-90-541	MASTER PLAN	439.90	39,096.07	145,000.00	105,903.93	27.0
10-90-545	SS4A PROJECT EXPENSES	.00	.00	300,000.00	300,000.00	.0
10-90-546	FY 2026 CAPITAL PROJECTS	11,910.57	22,540.57	62,000.00	39,459.43	36.4
10-90-547	USED SERVICE BODY PICK-UP	.00	335.60	45,000.00	44,664.40	.8
	TOTAL CAPITAL OUTLAY	32,049.97	81,671.74	552,000.00	470,328.26	14.8
	DEBT SERVICE					
10-95-620	DEBT SERVICE LOAN PRINCIPAL	.00	.00	134,000.00	134,000.00	.0
10-95-640	CAPITAL LEASE PAYMENTS	8,053.61	24,160.83	205,000.00	180,839.17	11.8
	TOTAL DEBT SERVICE	8,053.61	24,160.83	339,000.00	314,839.17	7.1
	TOTAL FUND EXPENDITURES	154,794.58	648,746.35	3,255,331.00	2,606,584.65	19.9
	NET REVENUE OVER EXPENDITURES	129,633.76	5,073.68	(581,531.00)	(586,604.68)	.9

TOWN OF ALPINE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	OPERATING REVENUE					
51-33-100	WATER USAGE FEES	54,086.41	149,714.71	665,000.00	515,285.29	22.5
51-33-120	TRANSFER FEES	2,136.81	6,207.30	7,500.00	1,292.70	82.8
51-33-400	CONNECTION FEES	15,000.00	45,240.00	100,000.00	54,760.00	45.2
	TOTAL OPERATING REVENUE	71,223.22	201,162.01	772,500.00	571,337.99	26.0
	GRANT INCOME					
51-34-100	GRANT REVENUE	.00	117,357.60	877,000.00	759,642.40	13.4
	TOTAL GRANT INCOME	.00	117,357.60	877,000.00	759,642.40	13.4
	OTHER INCOME					
51-38-310	INTEREST INCOME	4,982.67	16,565.87	36,000.00	19,434.13	46.0
	TOTAL OTHER INCOME	4,982.67	16,565.87	36,000.00	19,434.13	46.0
	TOTAL FUND REVENUE	76,205.89	335,085.48	1,685,500.00	1,350,414.52	19.9

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
51-42-110	ADMIN SALARIES & WAGES	5,427.98	22,822.66	30,000.00	7,177.34	76.1
51-42-210	ADMIN PAYROLL TAXES	1,740.11	3,111.76	2,500.00	(611.76)	124.5
51-42-220	ADMIN MEDICAL BENEFITS	691.36	2,891.60	5,000.00	2,108.40	57.8
51-42-230	ADMIN RETIREMENT	1,070.68	1,516.02	6,000.00	4,483.98	25.3
51-42-315	ADMIN PROFESSIONAL SERVICES	6,515.25	10,505.10	50,000.00	39,494.90	21.0
51-42-335	SOFTWARE & IT	1,179.99	12,529.39	8,500.00	(4,029.39)	147.4
51-42-360	DUES & MEMBERSHIPS	.00	(883.32)	3,000.00	3,883.32	(29.4)
51-42-370	BANK CHARGES	652.47	1,724.56	6,000.00	4,275.44	28.7
51-42-380	INSURANCE	.00	4,344.77	4,500.00	155.23	96.6
51-42-395	TRAVEL & EDUCATION	.00	.00	2,000.00	2,000.00	.0
51-42-405	POSTAGE	365.00	805.00	5,000.00	4,195.00	16.1
51-42-410	OFFICE & MISCELLANEOUS	31.32	711.48	8,000.00	7,288.52	8.9
	TOTAL ADMINISTRATION	17,674.16	60,079.02	130,500.00	70,420.98	46.0
	FIELD OPS					
51-80-110	FO SALARIES & WAGES	10,867.42	30,730.14	140,000.00	109,269.86	22.0
51-80-210	FO PAYROLL TAXES	1,227.57	4,501.68	22,000.00	17,498.32	20.5
51-80-220	FO MEDICAL BENEFITS	1,743.14	6,064.98	56,000.00	49,935.02	10.8
51-80-230	FO RETIREMENT	2,160.79	2,965.41	35,000.00	32,034.59	8.5
51-80-315	PROFESSIONAL SERVICES	.00	.00	3,000.00	3,000.00	.0
51-80-320	TESTING	88.47	499.47	10,000.00	9,500.53	5.0
51-80-325	RENT	.00	.00	25,000.00	25,000.00	.0
51-80-332	REPAIRS & MAINTENACE	19,630.98	88,658.23	105,000.00	16,341.77	84.4
51-80-335	SOFTWARE AND IT	.00	.00	7,000.00	7,000.00	.0
51-80-380	FO INSURANCE	174.37	174.37	.00	(174.37)	.0
51-80-395	TRAVEL & EDUCATION	.00	91.56	2,000.00	1,908.44	4.6
51-80-400	TOOLS & EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
51-80-430	CHEMICALS	.00	2,600.00	7,500.00	4,900.00	34.7
51-80-452	UTILITIES (DISTRIBUTION)	320.84	632.43	7,500.00	6,867.57	8.4
51-80-453	UTILITIES WELLS (GENERATION)	3,933.45	8,272.57	30,000.00	21,727.43	27.6
51-80-454	FUEL	219.02	8.04	7,500.00	7,491.96	.1
51-80-500	VEHICLE REPAIRS & MAINT	48.74	1,201.24	.00	(1,201.24)	.0
51-80-800	DEPRECIATION EXPENSE	.00	(120,000.00)	175,000.00	295,000.00	(68.6)
	TOTAL FIELD OPS	40,414.79	26,400.12	637,500.00	611,099.88	4.1
	CAPITAL OUTLAY					
51-90-540	CAPITAL OUTLAY	.00	.00	65,000.00	65,000.00	.0
51-90-545	RADIO READ PROJECT	30,607.40	66,480.92	1,100,000.00	1,033,519.08	6.0
51-90-546	CAPACITY FEE STUDY - WATER	1,348.12	3,109.60	5,000.00	1,890.40	62.2
	TOTAL CAPITAL OUTLAY	31,955.52	69,590.52	1,170,000.00	1,100,409.48	6.0

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DEBT SERVICE					
51-95-620	DEBT SERVICES	.00	11,498.58	28,000.00	16,501.42	41.1
51-95-630	INTEREST EXPENSE	.00	2,458.01	1,000.00	(1,458.01)	245.8
	TOTAL DEBT SERVICE	.00	13,956.59	29,000.00	15,043.41	48.1
	TOTAL FUND EXPENDITURES	90,044.47	170,026.25	1,967,000.00	1,796,973.75	8.6
	NET REVENUE OVER EXPENDITURES	(13,838.58)	165,059.23	(281,500.00)	(446,559.23)	58.6

TOWN OF ALPINE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WASTEWATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	OPERATING REVENUE					
52-33-100	MONTHLY SERVICE FEES	49,103.44	154,900.07	750,000.00	595,099.93	20.7
52-33-200	CONNECTION FEES	9,681.16	10,884.20	200,000.00	189,115.80	5.4
	TOTAL OPERATING REVENUE	58,784.60	165,784.27	950,000.00	784,215.73	17.5
	OTHER INCOME					
52-38-100	INTEREST INCOME	2,923.88	10,184.74	36,000.00	25,815.26	28.3
52-38-200	MISC INCOME	.00	2,340.50	.00	(2,340.50)	.0
	TOTAL OTHER INCOME	2,923.88	12,525.24	36,000.00	23,474.76	34.8
	TOTAL FUND REVENUE	61,708.48	178,309.51	986,000.00	807,690.49	18.1

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WASTEWATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
52-42-110	ADMIN SALARIES & WAGES	.00	.00	30,000.00	30,000.00	.0
52-42-210	ADMIN PAYROLL TAXES	.00	.00	2,500.00	2,500.00	.0
52-42-220	ADMIN MEDICAL BENEFITS	.00	.00	5,000.00	5,000.00	.0
52-42-230	ADMIN RETIRMENT	.00	.00	6,000.00	6,000.00	.0
52-42-315	PROFESSIONAL SERVICES	55.00	127.60	12,000.00	11,872.40	1.1
52-42-335	SOFTWARE & IT	1,669.24	13,997.10	.00	(13,997.10)	.0
52-42-370	BANK CHARGES	652.47	1,724.56	20,000.00	18,275.44	8.6
52-42-380	INSURANCE	.00	41,248.46	31,000.00	(10,248.46)	133.1
52-42-405	POSTAGE	365.00	805.00	5,000.00	4,195.00	16.1
52-42-410	OFFICE & MISCELLANEOUS	71.11	480.37	5,000.00	4,519.63	9.6
	TOTAL ADMINISTRATION	2,812.82	58,383.09	116,500.00	58,116.91	50.1
	COLLECTIONS					
52-82-110	COLLECTIONS SALARIES & WAGES	3,340.50	10,047.00	45,000.00	34,953.00	22.3
52-82-210	COLLECTIONS PAYROLL TAXES	366.20	1,112.01	7,000.00	5,887.99	15.9
52-82-220	COLLECTIONS MEDICAL BENEFITS	1,008.41	4,001.21	17,000.00	12,998.79	23.5
52-82-230	COLLECTIONS RETIREMENT	609.24	852.97	13,000.00	12,147.03	6.6
52-82-315	PROFESSIONAL SERVICES	33.00	33.00	12,000.00	11,967.00	.3
52-82-320	TESTING	.00	.00	100.00	100.00	.0
52-82-325	RENT	.00	.00	25,000.00	25,000.00	.0
52-82-332	REPAIRS & MAINTENANCE	437.66	3,022.52	75,000.00	71,977.48	4.0
52-82-335	SOFTWARE & IT	.00	.00	10,000.00	10,000.00	.0
52-82-380	COLLECTIONS INSURANCE	136.78	136.78	.00	(136.78)	.0
52-82-390	TRAVEL/EDUC./TRAINING	.00	.00	5,000.00	5,000.00	.0
52-82-400	TOOLS & EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
52-82-454	UTILITIES	843.33	1,948.42	15,000.00	13,051.58	13.0
52-82-455	FUEL	.00	.00	7,500.00	7,500.00	.0
52-82-500	VEHICLE REPAIRS & MAINT	.00	.00	10,000.00	10,000.00	.0
52-82-800	DEPRECIATION EXPENSE	.00	.00	120,000.00	120,000.00	.0
	TOTAL COLLECTIONS	6,775.12	21,153.91	366,600.00	345,446.09	5.8
	PRE-TREATMENT					
52-83-110	PRE- TREATMENT S & W	.00	.00	45,000.00	45,000.00	.0
52-83-210	PRE- TREATMENT PAYROLL TAXES	.00	.00	7,000.00	7,000.00	.0
52-83-220	PRE-TREATMENT MEDICAL BENEFITS	.00	.00	17,000.00	17,000.00	.0
52-83-230	PRE- TREATMENT RETIREMENT	.00	.00	13,000.00	13,000.00	.0
52-83-315	PROFESSIONAL SERVICES	.00	.00	24,000.00	24,000.00	.0
52-83-320	TESTING	.00	.00	10,000.00	10,000.00	.0
52-83-332	REPAIRS & MAINTENANCE	2,192.44	2,192.44	25,000.00	22,807.56	8.8
52-83-335	SOFTWARE AND IT	.00	.00	5,000.00	5,000.00	.0
52-83-454	UTILITIES	532.97	1,056.75	50,000.00	48,943.25	2.1
52-83-800	DEPRECIATION EXPENSE	.00	.00	120,000.00	120,000.00	.0
	TOTAL PRE-TREATMENT	2,725.41	3,249.19	316,000.00	312,750.81	1.0

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 3 MONTHS ENDING SEPTEMBER 30, 2025

WASTEWATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	WWTP					
52-84-110	WWTP SALARIES & WAGES	4,652.57	11,308.33	45,000.00	33,691.67	25.1
52-84-210	WWTP PAYROLL TAXES	1,283.19	4,879.26	7,000.00	2,120.74	69.7
52-84-220	WWTP MEDICAL BENEFITS	7,200.00	26,204.64	17,000.00	(9,204.64)	154.1
52-84-230	WWTP RETIREMENT	2,445.44	3,114.79	13,000.00	9,885.21	24.0
52-84-315	PROFESSIONAL SERVICES	.00	.00	60,000.00	60,000.00	.0
52-84-318	SLUDGE HAULING/DISPOSAL	1,636.99	(16,993.70)	60,000.00	76,993.70	(28.3)
52-84-320	TESTING	1,225.28	2,150.37	5,000.00	2,849.63	43.0
52-84-332	REPAIRS & MAINTENANCE	9,929.26	33,451.18	90,000.00	56,548.82	37.2
52-84-335	SOFTWARE AND IT	.00	.00	12,000.00	12,000.00	.0
52-84-390	TRAVEL/EDUC./TRAINING	189.00	1,110.92	5,000.00	3,889.08	22.2
52-84-400	TOOLS & EQUIPMENT	1,322.00	1,322.00	10,000.00	8,678.00	13.2
52-84-454	UTILITIES	3,888.55	7,831.77	60,000.00	52,168.23	13.1
52-84-500	VEHICLE REPAIRS & MAINT	1,179.33	1,179.33	.00	(1,179.33)	.0
	TOTAL WWTP	34,951.61	75,558.89	384,000.00	308,441.11	19.7
	CAPITAL OUTLAY					
52-90-540	WW CAPITAL OUTLAY	.00	.00	25,000.00	25,000.00	.0
52-90-541	PRE-TREATMENT PROJECT	205,664.60	325,550.15	250,000.00	(75,550.15)	130.2
52-90-542	CAPACITY FEE STUDY -WW	1,348.13	3,109.61	5,000.00	1,890.39	62.2
52-90-543	FY 2026 CAPITAL PROJECTS	.00	8,930.65	50,000.00	41,069.35	17.9
52-90-544	ULTRAVIOLET LIGHT PROJECT	.00	.00	140,000.00	140,000.00	.0
	TOTAL CAPITAL OUTLAY	207,012.73	337,590.41	470,000.00	132,409.59	71.8
	DEBT SERVICE					
52-95-620	DEBT SERVICE PRINCIPAL	978.60	131,142.43	205,000.00	73,857.57	64.0
52-95-630	DEBT SERVICE INTEREST	6,021.40	77,603.97	60,000.00	(17,603.97)	129.3
	TOTAL DEBT SERVICE	7,000.00	208,746.40	265,000.00	56,253.60	78.8
	TOTAL FUND EXPENDITURES	261,277.69	704,681.89	1,918,100.00	1,213,418.11	36.7
	NET REVENUE OVER EXPENDITURES	(199,569.21)	(526,372.38)	(932,100.00)	(405,727.62)	(56.5)

JORGENSEN

PO Box 9550 | 1315 HWY 89
Jackson, WY 83002
PH: 307.733.5150
www.jorgeng.com

TO: Mayor Green
Town of Alpine

October 29, 2025

RE: **Snake River MEP Invoice-008**
Pretreatment Plant Process Piping Systems
JA Project No. 23001

Mayor Green,

Attached is Snake River MEP's Wastewater Pretreatment Plant time and material Invoice-008 for review and payment. This Invoice-008 of $43,170.68 includes; $30,143.72 in materials, $11,278.75 in labor and $1,748.21 in overhead and profit.

Please contact me with any questions or concerns you may have regarding this invoice or any other items concerning this project.

Respectfully,

KJM

Kevin Meagher
Owner's Representative

Enclosures:
Snake River MEP Invoice-008
Conditional Lien Release

Snake River MEP COMPLETE
Mechanical • Electrical • Plumbing

T&M Billing # 008

Attention: Kevin Meagher
Company: Jorgensen
Regarding: Alpine WWTP

From: Casey Rammell
Pages: 1
Date: 10/27/2025

Subject: Alpine WWTP T&M Billing #008 9/29-10/24

MATERIAL				
Line Item	**QTY**	**Rate**	**TOTAL**	
Material	1	30,143.72	$30,143.72	
Total Material Change:			**$30,143.72**	
LABOR				
Labor: Service Tech	0	175	$0.00	
Labor: Control Tech	32.75	155	$5,076.25	
Labor: Mech/Elec/Plb. Journeyman	41.25	130	$5,362.50	
Labor: Mech/Elec/Plb. Apprentice	8	105	$840.00	
Subtotal Labor:			$11,278.75	
Subtotal:			$11,278.75	
Overhead		5%	$563.94	
Subtotal:			$11,842.69	
Profit		10%	$1,184.27	
Total Labor Change:			**$13,026.96**	
Total Amount(Material + Labor):			**$43,170.68**	

Total Debit - Credit **$43,170.68**

All prices valid for 30 days, time extensions are requested on all change orders. We appreciate the opportunity to work with you. Please let us know if there are any questions or comments.

Regards,

Casey Rammell
President

1665 A High School Road*PO Box 15570*Jackson, WY 83002*307-739-9150*307-200-0559*casey@srmep.com

Snake River Supply, LLC			
Project:	**Alpine WWTP**		**10/27/2025**
Invoice:	**AWWTP MAT # 008**		**9/29-10/24**
Line Item	**Description**	**QTY**	**Amount**
1	DISPLAY CABLE FOR MONITOR	1	$69.98
2	DISPLAY MONITOR AND WM BRACKET	1	$264.96
3	1796-IQ16 MODULE	1	$688.00
4	1769-OB8 MODULE	1	$724.66
5	ODE-3-240058-3F4B VFD	2	$3,490.60
6	WM BRACKET FOR TTE SENSOR	1	$158.33
7	TG5000 GAS MONITORING SYSTEM	2	$19,388.40
8	RND ACCS CVR BRONZE	1	$478.65
9	1/2 CPVC T/U FLG BALL VALVE EPDM	2	$392.50
10	3/4X1/2 SS 304 150# THRD BUSH	1	$9.26
11	1/2 SS 1000# THRD 2PC FP BV LL	1	$59.38
12	1/2X2 S40 304L WLD NIP TBE	2	$16.05
14	4 DI C110 125# BLND FLG	1	$196.57
15	4 DI 125# C110 FLG TEE	1	$1,105.66
16	4 DI STD DUTY REST ZIP FLG	2	$264.96
17	60A 600V RK5 TD FUSE	4	$170.61
18	3 PVC SCH 80 TEE	4	$236.20
19	3 X 2 PVC SCH 80 BUSHING SXS	2	$87.30
21	2 X 3/4 PVC SCH 80 BUSHING SX	2	$31.66
22	3/4 X 1/2 PVC SCH 80 BUSHING	1	$3.26
23	3 PVC FLANGE VAN STONE STYLE	1	$53.25
24	3 PVC SCH 80 45	3	$201.10
25	3 PVC SCH 80 COUPLING	1	$39.07
26	3" SCH. 80 UNION B/V W/EPDM G	2	$1,866.58
27	3 PVC SCHEDULE 80 PIPE	20	$201.51
28	4 PVC FLANGE VAN STONE STYLE	1	$69.24
29	4 X 3 PVC SCH 80 BUSHING SXS	1	$68.28
30	APP T27 3/4 FM7 BODY - RETURN	-18	-$747.23
31	IMT EK4336S WP WALLPLT PHOTOC	2	$104.39
32	APP CG-100100 1 IN ALUM L-T C - RETURN	-8	-$637.96
33	APP RB75-50 RDC BUSH STL 3/4T	1	$4.42
34	CONDUIT 1/2XCLOSE GALV NIPPLE	1	$4.83
35	CUSTOM PIPE MARKERS	23	$294.50
36	ABZ 4 LUG BFV DI BODY SS DISC EPDM LVR HDL	2	$737.55
37	NUT SPRING STEEL SLVR/GALV 3/8	3	$47.20
	SUBTOTAL		**$30,143.72**

Alpine Sewer Treatment Plant - AWWT 85 —

Buffalo Dr, Alpine, WY 83128

Daily Report (1) #61

Name	9/30/2025
Status	Approved
Assignee	Hubert (Jess) Williams (HWI)
Date	09-30-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
30 Sep 06:00 AM	Cloudy	46°F	0.0"	85%	3 mph
30 Sep 12:00 PM	Partly Cloudy	59°F	0.01"	61%	5 mph
30 Sep 04:00 PM	Cloudy	56°F	0.01"	67%	12 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Mick Rammell		1	8.75 hrs.	8.75 hrs.	3100 Plumbing	Installed ladders to catwalk installed gas detection system, chipped out concrete and installed a floor clean out for floor back check ground down floor of door open going to the fine screen room started working on bypass cutting in a T and valves on the screw press
Garett Scott		1	8.75 hrs.	8.75 hrs.	2100 Electrical/Controls	Installed ladders to catwalk installed gas detection system, chipped out concrete and installed a floor clean out for floor back check ground down floor of door open going to the fine screen room started working on bypass cutting in a T and valves on the screw press

Total	**17.5 hrs.**

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

Signed by Mick Rammell - Snake River MEP Complete
on September 30, 2025 09:18 PM from Mick Rammell's device



Signed by Hubert (Jess) Williams - Vice President/Project Manager, Snake River MEP
on October 01, 2025 07:43 AM from Hubert (Jess) Williams's device



Alpine Sewer Treatment Plant - AWWT 85 —
Buffalo Dr, Alpine, WY 83128

Daily Report (1) #62

Name	10/1/2025
Status	Approved
Assignee	Hubert (Jess) Williams (HWI)
Date	10-02-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
02 Oct 06:00 AM	Cloudy	39°F	0.0"	87%	1 mph
02 Oct 12:00 PM	Partly Cloudy	64°F	0.0"	40%	11 mph
02 Oct 04:00 PM	Partly Cloudy	71°F	0.0"	29%	11 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Mick Rammell		1	8.0 hrs.	8.0 hrs.	3100 Plumbing	Installed shelf for keyboard and mouse TV installed all equipment labels on panel and equipment installed pipe labels tried to calibrate gas detection been running for 24 hours would not take the calibration on the CO need to speak to the factory Cleaned up the job
Garett Scott		1	8.0 hrs.	8.0 hrs.	2100 Electrical/Controls	Installed shelf for keyboard and mouse TV installed all equipment labels on panel and equipment installed pipe labels tried to calibrate gas detection been running for 24 hours would not take the calibration on the CO need to speak to the factory Cleaned up the job

Jess Williams	1	1.5 hrs.	1.5 hrs.	4100 Supervisory Labor
Total			**17.5 hrs.**	

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

Signed by Mick Rammell - Snake River MEP Complete
on October 02, 2025 06:09 AM from Mick Rammell's device



Signed by Hubert (Jess) Williams - Vice President/Project Manager, Snake River MEP
on October 03, 2025 09:04 AM from Hubert (Jess) Williams's device



Alpine Sewer Treatment Plant - AWWT 85 —

Buffalo Dr, Alpine, WY 83128

Daily Report (1) #63

Name	10/7/25
Status	Approved
Assignee	Hubert (Jess) Williams (HWI)
Date	10-07-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
07 Oct 06:00 AM	Clear	26°F	0.0"	93%	2 mph
07 Oct 12:00 PM	Sunny	46°F	0.0"	55%	2 mph
07 Oct 04:00 PM	Sunny	60°F	0.0"	29%	4 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Garett Scott		1	3.5 hrs.	3.5 hrs.	2100 Electrical/Controls	Trace out wiring on the polymer tank. Found the wrong wire was terminated in the Schwing panel, terminated correct wire, sensor now reading. Worked with Adam on screw press solenoid wiring, moved wiring to the output module and tested operation. Solenoid to be programmed to be energized 24/7.
Jess Williams		1	1.0 hrs.	1.0 hrs.	4100 Supervisory Labor	
Total				**4.5 hrs.**		

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

Signed by Garett Scott - Snake River MEP Complete
on October 07, 2025 06:56 PM from Garett Scott's device



Signed by Hubert (Jess) Williams - Vice President/Project Manager, Snake River MEP
on October 09, 2025 09:11 AM from Hubert (Jess) Williams's device



Alpine Sewer Treatment Plant - AWWT 85 —
Buffalo Dr, Alpine, WY 83128

Daily Report (1) #64

Name	10/15/25
Status	Approved
Assignee	Hubert (Jess) Williams (HWI)
Date	10-15-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
15 Oct 06:00 AM	Rain	40°F	0.26"	97%	4 mph
15 Oct 12:00 PM	Partly Cloudy	47°F	0.05"	74%	2 mph
15 Oct 04:00 PM	Rain	48°F	0.08"	68%	13 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Garett Scott		1	6.5 hrs.	6.5 hrs.	2100 Electrical/Controls	Picked up materials at Platt. Installed class 1 div 2 room temp sensor, pulled wire and terminated it back at the Rio cabinet. Got Adam info on where the gas detection is landed in the Rio. Packed and filled explosion proof fittings, painted caps red. H2S alarming at the gas monitor. Checked fan operation, adjusted belt tension, sled tech support to help unlock the VFD and raised fan speeds. H2S still alarming, need to air balance the room before proceeding further.
Jess Williams		1	1.0 hrs.	1.0 hrs.	4100 Supervisory Labor	

Total	**7.5 hrs.**	

Section 6, Itemd.

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

Signed by Hubert (Jess) Williams - Vice President/Project Manager, Snake River MEP on October 16, 2025 09:35 AM from Hubert (Jess) Williams's device



Alpine Sewer Treatment Plant - AWWT 85 —

Buffalo Dr, Alpine, WY 83128

Daily Report (1) #65

Name	10/23/25
Status	Submitted
Assignee	Hubert (Jess) Williams (HWI)
Date	10-24-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
24 Oct 06:00 AM	Clear	25°F	0.0"	89%	3 mph
24 Oct 12:00 PM	Sunny	46°F	0.0"	56%	1 mph
24 Oct 04:00 PM	Rain	58°F	0.16"	33%	5 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Garett Scott		1	6.0 hrs.	6.0 hrs.	2100 Electrical/Controls	Put labels on CIP and AT transfer lines. Air balanced the class 1 div 2 room. Worked with tech support to calibrate the methane sensor. Ended up having to remove the sensor and run a wire outside to calibrate properly with fresh air and calibration gas. Did some research on why the H2S gas alarm keeps going off. Exhaust duct should be at floor level to pick up the heavier gases and remove from the room, Mick will measure up tomorrow.
Jess Williams		1	1.0 hrs.	1.0 hrs.	4100 Supervisory Labor	

Total	**7.0 hrs.**	

Section 6, Itemd.

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

Signed by Garett Scott - Snake River MEP Complete
on October 24, 2025 06:37 AM from Garett Scott's device



Signed by Hubert (Jess) Williams - Vice President/Project Manager, Snake River MEP
on October 24, 2025 08:09 AM from Hubert (Jess) Williams's device



Alpine Sewer Treatment Plant - AWWT 85 —

Buffalo Dr, Alpine, WY 83128

Daily Report (1) #66

Name	10/24/25
Status	Draft
Assignee	Mick Rammell (MRA)
Date	10-24-2025

Weather

Time	Condition	Temperature	Precipitation	Humidity	Wind
24 Oct 06:00 AM	Clear	25°F	0.0"	89%	3 mph
24 Oct 12:00 PM	Sunny	46°F	0.0"	56%	1 mph
24 Oct 04:00 PM	Rain	58°F	0.16"	33%	5 mph

General Info

Any schedule delays?	☐
Any weather impact?	☐
Any accidents on site?	☐
Any injuries reported?	☐
General notes	
Constraints	

Work Log

Employees	Other Employees	Quantity	Hours	Work hours	Cost Code	Description
Jess Williams		1	1.0 hrs.	1.0 hrs.	4100 Supervisory Labor	
Mick Rammell		1	8.0 hrs.	8.0 hrs.	3100 Wet Side Mechanical	Cut 4” tee enter sludge line was restricting sludge pump slow cut a sample on the sludge line on the MBR skid added some more supports on the ATT transfer to the NPR pipe and the vertical added some labels to the gas detection, monitors and measured up some duct for the class one room on exhaust to get down closer to the floor

	Jose Manuel Orduna	1	8.0 hrs.	8.0 hrs.	3100 Wet Side Mechanical	Cut 4” tee ente restricting sludge pump slow cut a sample on the sludge line on the MBR skid added some more supports on the ATT transfer to the NPR pipe and the vertical
Total				**17.0 hrs.**		

Equipment Log

Description	Hours Used	Time Delivered	Time Removed	Notes

Material Delivery

Description	Quantity	Unit	Unit cost	Total cost	Notes

Activity Log

Activity	Percent Complete	Notes

Attachments

Signature

CONTRACTOR'S CONDITIONAL WAIVER AND LIEN RELASE

Upon receipt by the undersigned company of a PAYMENT from the Town of Alpine (owner) in **the sum of $** 43,170.68 payable to **Snake River MEP**, and when the check has been properly endorsed and paid by the bank upon which it is drawn, this document shall become effective to waive and release any mechanic's lien, stop notice or bond right the undersigned has on the job of the owner located at 281 Buffalo Drive, Alpine, Wyoming, up and through **this date of** 10-24-2025, except that the waiver and release does not cover any retainage, items furnished after said date, or any unpaid change orders or disputed claims.

CONTRACTOR
Snake River MEP

(Signature) Vice President (Title)

Subscribed and sworn to me on this 27th Day of October, 2025

NOTARY:

Jeff Park
Notary Public for the State of Wyoming
My commission Expires on: 3-8-2030

JEFF PARK
NOTARY PUBLIC
STATE OF WYOMING
COMMISSION ID: 169641
MY COMMISSION EXPIRES: 3-8-2030

WWPT - Snake River MEP Invoice Summary

Cost	Labor	Materials	O/P	Invoice #	Date	Labor Hours
$47,169.00	$33,568.75	$8,397.38	$5,203.16	#-001	7/9/2025	231.25
$54,004.00	$37,002.50	$11,265.95	$5,735.10	#-002	7/25/2025	276.75
$62,375.00	$40,915.00	$15,118.15	$6,341.85	#-003	8/5/2025	314.25
$31,155.55	$18,872.50	$9,357.81	$2,925.24	#-004	8/20/2025	141.50
$68,808.75	$28,365.00	$36,047.17	$4,396.58	#-005	9/3/2025	222.00
$33,296.32	$26,274.25	$2,949.56	$4,072.51	#-006	9/25/2025	390.00
$7,075.75	$4,722.50	$1,621.26	$731.99	#-007	10/1/2025	34.50
$43,170.68	$11,278.75	$30,143.72	$1,748.21	#-008	10/29/2025	74.00
$296,808.62	$200,999.25	$114,901.00	$31,154.64			1,684.25

Public Works Report (Submitted by Director Craig Leseberg)

The Level 1 Master Plan Report final draft has been completed, and several projects are recommended based on the findings of the study. One of these projects is the Mega Well tie-in, which will be discussed at the meeting on November 4th in Casper. I will be representing the Town before the Water Development Commission and the Select Water Committee and am hopeful for a positive outcome.

The AMI meter project continues to move forward - towers were installed on Wednesday, October 29th, bringing us one step closer to a fully automated meter reading system. Melody and I are scheduled for training on the new system on Thursday, November 6th.

Public Works crews have been busy preparing for the upcoming winter season to ensure everything is ready for snow operations. Meanwhile, the Utility Department has been diligently working on the pre-treatment plant, continuing to address and resolve its operational issues.

Town of Alpine, Wyoming
Planning & Zoning Commission Report to Town Council
Prepared by: Gina Corson, Planning & Zoning Administrator
Date: October 23, 2025

The Planning and Zoning Commission held its regular meeting on October 14, 2025. Chairperson Melissa Wilson presided, with Commissioners Rachel Stewart and Dan Schou present, establishing a quorum. The meeting included two public hearings and several items of new and ongoing business.

The Commission reviewed a Special Use Permit application from **Creative Properties LLC** for a mixed-use development on Lot 12 of the Palisades Heights Subdivision. The proposal includes six attached units and required Commission consideration because the parcel, at 0.93 acres, falls slightly below the one-acre minimum for a Planned Unit Development. After reviewing the application and confirming compliance with design and density standards, the Commission voted unanimously to recommend approval of the permit to Town Council.

The Commission also reviewed a **Special Use Permit for Melvin Brewing Company** for an off-premise directional sign located on Town-owned property. The request was consistent with LUDC Section 4-803, and WYDOT had preliminarily approved the placement. The Commission recommended approval, contingent upon execution of the lease agreement with the Town, verification of final WYDOT approval, and confirmation that all applicable fees have been paid.

Under new business, the Commission discussed an application by **David Robinson** for the installation of a buried propane tank at 709 Sunset Drive. Staff clarified that a **Minor Construction Permit** is required for buried tanks and that leased tanks cannot be buried under standard vendor agreements. The item was tabled pending verification of ownership and compliance documentation.

Additionally, **Mr. Solomon** presented a conceptual plan for a second-floor restaurant expansion at 651C Highway 89. The Commission provided feedback on parking, ADA accessibility, fire separation, and site capacity. Members agreed the concept appears consistent with the intent of the Land Use and Development Code and encouraged the applicant to submit a formal permit application once the required owner authorization is obtained.

The Commission also approved minutes from the September 9, September 16, and September 30, 2025, meetings. Looking forward, the Commission scheduled a series of **workshop meetings for the fourth Tuesday of the next three months**—October, November, and December—to review and discuss potential updates to the Land Use

and Development Code (LUDC). These workshops will focus on clarifying provisions related to Special Use Permits, accessory structures, setback interpretations, and procedural review processes, with the intent of presenting formal amendment recommendations to the Town Council in early 2026.

Overall, the October 14 meeting reflected continued progress in refining review procedures, addressing code interpretation issues, and maintaining alignment between development activities and the intent of the LUDC.

Town of Alpine Code Enforcement Officer Report

10/1/25 to 10/29/25

Meeting Date: November 4, 2025
Submitted By: Tara Bender, Code Enforcement Officer
Prepared On: October 30, 2025

Citations/Warnings	0 Citations 0 Warnings
Stop Work Orders Issued	2
Total Responses/Investigations	15

Traffic - Abandoned Vehicle	1	Business License Compliance	3
Inspection Documentation	1	Animal – At Large	2
LUDC – Worksite Compliance	1	LUDC Compliance – Permits/Affidavits	7

Tara Bender
Code Enforcement Officer
250 River Circle P.O. Box 3070
Alpine, Wyoming 83128
Cell: (307) 226-5430
E-mail: municipal@alpinewy.gov
www.alpinewy.gov

Outlook

Water and Sewer extension

From David Jenkins <dave@snowpeakwy.com>
Date Tue 10/7/2025 5:32 PM
To Gina Corson <planning@alpinewy.gov>
Cc Jay Andersen <gibbmanagement@gmail.com>; DeNesha Anderson <denesha@c21jh.com>

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Dear Town Council and Planning Team,

I am writing to request permission to extend our permit for water and sewer for Creative Properties #12 Palisades height at 160 Hwy 89.

We have been working on a subdivision permit process and it has delayed our start date.

Thank you so much for your consideration!

Sincerely,

David Jenkins

STAFF REPORT

TO: Mayor, Town Council, and Planning and Zoning Commission Members
FROM: Gina Corson, Planning & Zoning Administrator
DATE: 08/26/2025
SUBJECT: Creative Properties, LLC Special Use Permit Application
MEETING DATE: 10/14/2025

PURPOSE

To provide background information, review the application for completeness and conformance to the procedural requirements associated with the Special Use Permit application process in Town ordinance No. 2025-004, and make recommendations to the Planning and Zoning Commission and Town Council to aid in their decision-making process.

BACKGROUND

1. Special Use Permit Application and Supplemental Information were submitted on August 6, 2025; All related filing fees have been submitted; the Application was reviewed and evaluated by the Zoning Administrator. "Attachment #1"
2. Required advertising was submitted to Star Valley Independent for consecutive advertising from September 20th through October 8th, 2025, in anticipation of an October 14th, 2025, public hearing. "Attachment #2"
3. As required, all property Owners within a five-hundred-foot (500) radius of the proposed property were notified via supplied information of the project, with ample opportunity to provide comment and/or to give a response to the mailing, either in person or in writing. A response deadline of October 7th, 2025, was given. "Attachment #3" and affidavit of certified mailings "Attachment #4"
4. Approximately thirty-five (35) mailings were sent out.
5. To date, the Town has not received any written responses.
6. A copy of the Preliminary Plat map is attached, further referred to as "Attachment #5".
7. A permit for the construction of proposed structures was approved previously by the planning and zoning commission, and a Residential Building Permit was issued (attachment #6)

NEED FOR SPECIAL USE APPLICATION

The Town of Alpine Land Use Development Code does not specifically address divided ownership in buildings held by a separate property owner or a condominium-style ownership. The applicant is requesting a Special Use Permit to allow divided ownership of proposed live-work units on the property.

APPLICATION SUMMARY

Property Location: Section 29 T37N R118W within the incorporated boundaries of the Town of Alpine, Lincoln County, Wyoming.

Parcels Involved: Lakeview Outpost Addition, also known as Lot #12 of the Palisades Heights Subdivision.

Proposal: Creative Properties, LLC owns a 0.93-acre parcel (40,670 sq. ft.) in the Palisades Heights Subdivision. The developer recently demolished an older commercial building on the site and completed a full renovation of the existing apartment building.

The developer is requesting a **Special Use Permit** to allow flexibility in design and platting for a **mixed-use townhome development** that will include residential, live/work, and commercial units under individual ownership.

Project Overview:

- **Total Units:** 6
- **Unit 1:** Existing two-story apartment building (4,800 sq. ft.) with six 2-bedroom apartments (3 units per floor). Fifteen (15) parking spaces are provided.
- **Units 2–4:** Proposed live/work townhomes (~1,800 sq. ft. each, two stories) with commercial space on the first floor and living quarters above. Two (2) parking spaces per unit (total of six).
- **Units 5–6:** Proposed commercial buildings (two separate two-story structures connected by a shared staircase). Each contains two 1,500 sq. ft. commercial suites. Seventeen (17) parking spaces are allocated.

Each unit will include **Limited Common Elements** (for exclusive use) and share **General Common Elements** maintained under a **Declaration of Covenants, Conditions, and Restrictions (CC&Rs).**

Development Schedule:

- **Unit 1 (Apartments):** Completed Fall 2024
- **Units 2–4 (Live/Work):** Construction estimated to begin Summer 2026
- **Units 5–6 (Commercial):** Construction estimated to begin Summer 2031

Zoning District(s): Mixed Residential Commercial (MRC).

PROCEDURAL HISTORY

 Application Filed: Special Use Permit application and supplemental information submitted August 06, 2025. All filing fees have been paid in full. Application reviewed by the Zoning Administrator. (Attachment #1)

 Public Notice: Advertising submitted to *Star Valley Independent* for consecutive publications September 24th and October 10th, 2025, for the October 14, 2025, hearing. (Attachment #2)

 Mailings: Approximately thirty-five (35) certified notices mailed to property owners within 500 feet; ~18 owners hold multiple parcels. The applicant also owns property within the radius. Deadline for responses was September 10, 2025. To date, no written responses have been received. (Attachment #3)

 Plat Submission: Proposed Lot #12 plat map attached. (Attachment #4)

REQUIRED SUBMITTALS

Checklist per Section Ordinance No. 2025-004 Special Use Permits Sections 5 and 6:

☑ Special Use Permit Application signed by applicant
☑ Legal description and deed/easement information
☑ Site plan and plat map showing modular buildings, parking, play area, and accessory structures
☑ Public notification documents (mailing list and proof)
☑ Fees: Paid
☑ Written Report addressing how the proposed use complies with the Criteria in Section 6 (Attachment #7)

☑ Master Plan/Comprehensive Plan reference prepared by Sunrise Engineering (attachment #8)

STAFF REVIEW AND FINDINGS (see references to 2006 Master Plan, attachment #9, and currently adopted Land Use Development code.)

1. Purpose and Intent of the Mixed Residential-Commercial (MRC) Zone

The **2006 Alpine Municipal Master Plan** identifies the **Mixed Residential-Commercial (MRC)** Zone as a **transitional land use district** designed to:

- Encourage **compact, pedestrian-oriented development** near Alpine's town center.
- Integrate **small-scale commercial uses** (such as offices, professional services, and boutique retail) with **upper-story or attached residential dwellings**.
- Promote **flexible ownership and use**, allowing properties to function as both **residences and business locations** under one roof.

The MRC Zone was intended to serve as a **bridge between purely commercial and residential neighborhoods**, enhancing community vitality and reducing vehicle dependency. This approach aligns with the mixed-use planning goals reflected in **Chapter 4 (Land Use)** of the Master Plan, which emphasized diversity in both housing types and commercial opportunities.

---

2. Development Form and Ownership Structure

The Master Plan supports **individual ownership models** for mixed-use projects, stating that the MRC Zone should:

- Allow **attached or detached structures** that combine commercial and residential uses.
- Encourage **owner-occupied units**, particularly for small business operators.
- Facilitate **subdivided or condominium-style ownership**, where each unit may be sold separately.

While the Master Plan does not require that all MRC units be individually owned, it promotes **flexibility** in ownership models — allowing for **fee-simple townhomes, condominiums, or leased spaces**, provided they meet the applicable **design and platting standards**. This flexibility is central to encouraging **homeownership within mixed-use environments** and creating opportunities for residents to live and work in the same location.

---

3. Relationship to Subdivision and Platting

The Master Plan links the MRC Zone to the **subdivision and platting process** as the mechanism through which individual ownership can occur, while maintaining infrastructure and design integrity. Such projects must meet:

- **Minimum lot size and setback standards**,
- **Parking, access, and utility requirements**, and
- **Design review compatibility** with surrounding development.

In practice, this means that each live/work or residential unit within an MRC project may be **individually owned or sold**, provided that:

- The **subdivision or condominium plat** is approved under Town procedures, and
- The site can support **independent service connections and access** (e.g., water, sewer, fire, and easements).

The **2025 Land Use Development Code (LUDC)** formalizes this process under **Sections 2-207 and 2-208**, which authorize subdivision and **Special Use Permit (SUP)** review for flexible ownership configurations, ensuring that infrastructure and design compliance are maintained.

---

4. Broader Policy Objective

The overarching goal for the MRC Zone is to:

- Create a **vibrant, small-town downtown** with active street life.
- Provide **affordable ownership opportunities** for both small business operators and local residents.
- Support **incremental infill development** without the need for large-scale rezoning.

Both the **2006 Master Plan** and the **2025 LUDC** share this objective, emphasizing that mixed-use development contributes to:

- A **stronger local economy**,
- A **more diverse housing stock**, and
- **Long-term community sustainability** by combining living and working spaces on a single lot.

---

5. Project Consistency Analysis – Creative Properties, LLC

The **Creative Properties LLC Special Use Permit** request concerns redevelopment of **Lot 12, Palisades Heights Subdivision**, zoned **MRC**. The proposal includes:

- Redevelopment of an existing apartment building;
- Construction of **three new live/work townhome units** (commercial below, residential above); and
- **Two commercial-only buildings** providing small business and retail space.

The applicant seeks an **SUP** to allow flexibility for **platting and ownership**, enabling **individual sale of townhome units** while maintaining unified site design and infrastructure.

Findings:

- The project **aligns with the 2006 Master Plan's vision** for compact, mixed-use infill that encourages both homeownership and small business activity.
- It satisfies the **intent and purpose of the 2025 LUDC's MRC District** by integrating residential and commercial uses, ensuring pedestrian connectivity, and supporting owner-occupancy opportunities.
- The applicant's plan to subdivide the development following SUP approval is consistent with the **procedural requirements of Sections 2-207 and 2-208** of the LUDC.
- The proposed architectural scale, site design, landscaping, and snow storage meet the **design review criteria** of **Article 4.5 (Design Standards)**.
- The proposed mixed-use configuration improves the Town's **tax base**, **infill continuity**, and **long-term economic sustainability**, while remaining compatible with adjacent land uses.

---

6. Implications for Current Interpretation

Given the 2006 policy framework and the 2025 regulatory structure, the **Special Use Permit request** to allow subdivision and individual ownership of units:

- **Directly aligns** with the **original policy vision** of the MRC Zone;
- **Maintains** the required design cohesion and infrastructure adequacy; and
- **Fulfills** both the **intent and practical application** of the Town's mixed-use development policies.

---

7. Overall Finding

The **Creative Properties, LLC proposal** represents a **model application of Alpine's Mixed Residential-Commercial zoning framework**.
It effectively implements the community's long-standing goals by:

- Encouraging **local ownership and entrepreneurship**,
- Supporting **walkable, mixed-use redevelopment**, and
- Ensuring **compliance with both the Master Plan and LUDC** through the SUP and subdivision processes.
- **Completeness:** All required paperwork appears to be in order.
- **Conformance with LUDC:** The application meets all Special Use Permit (SUP) standards and procedures.
- **Consistency with Comprehensive Plan:** The 2006 Alpine Master Plan identified this area (Lots 4 and 6, now Lots 10 and 11) as suitable for future school facilities.
- **Zoning:** The property remains designated **Public and Community Facilities (PCF)**, consistent with the intended use.
- **Public Response:** No written responses have been received.

Staff therefore finds that the proposed Special Use Permit is consistent with the intent of the Mixed Residential-Commercial Zone and the long-range planning goals of the Town of Alpine.

PUBLIC NOTIFICATION

- Certified mailings sent to owners within 500 feet (approx. 35 mailings).
- Publication in Star Valley Independent on September 24 and October 1, 2025.
- Public notices we posted at the Town of Alpine Post Office and Town Hall for 1 month before the Public hearing date
- Comment deadline October 7, 2025.
- No Written responses received

RECOMMENDATION

Staff recommends approval of the Special Use Permit (SUP) submitted by Creative Properties, LLC for the redevelopment of Lot 12, Palisades Heights Subdivision**,** zoned Mixed Residential-Commercial (MRC)**.** The proposed project—including a mix of live/work townhome units, commercial suites, and redevelopment of the existing apartment building—meets the intent of both the 2006 Alpine Master Plan and the 2025 Land Use and Development Code (LUDC**)** by promoting compact, pedestrian-oriented development and supporting local ownership opportunities. The proposal aligns with the purpose of the MRC Zone by integrating residential and commercial uses in a manner that encourages small business activity, increases housing

diversity, and enhances the vitality of the town center. Staff finds the project consistent with the Town's long-range planning goals and recommends approval.

ATTACHMENTS:

1. Special Use Permit Application
2. Public Notice for Required Advertising
3. Property Owners Notification List Within a five-hundred (500) foot Radius
4. Affidavit of certified mailings
5. Proposed Lot #15 Plat Map
6. Residential Building Permit #R2-05-24
7. Written Report addressing how the proposed use complies with the Criteria in Section 6
8. Master Plan Report by Sunrise Engineering
9. Town of Alpine Master Plan 2006

Town of Alpine

SPECIAL USE PERMIT APPLICATION

All applicants seeking a Special Use Permit from the Town of Alpine, Wyoming, shall submit a complete application to the Town Planning Commission in accordance with the procedures set forth in Ordinance No. 2025-004, including all required documentation demonstrating compliance with applicable zoning regulations and the Town's Comprehensive Plan.

Property Owner Information:

Please fill out the information below for the legal property owner. If the applicant is not the property owner, written authorization from the property owner must be attached to this application.

Full Name: Creative Properties LLC

Last c/o Dave Jenkins First M.I.

Mailing Address: PO Box 2911, Alpine WY 83128

City State Zip

Email Address: dave@snowpeakwy.com Phone Number: 307-880-4444

Authorized Representative: Surveyor Scherbel, Ltd.

Project Description:

Legal Description: Lot 12 Palisades Heights Subdivision

(Lot #, Block, Tract, & Subdivision)

Please provide a detailed description of the proposed use for the property. Include information about the type of activity, operating hours (if applicable), and any structures, improvements, or modifications being proposed.

See attached.

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

Please indicate below whether the proposed Special Use is **Temporary** or **Permanent**:	
☐	**TEMPORARY SPECIAL USE:** A Temporary Special Use Permit applies to short-term activities or events that are limited in duration, such as seasonal events, temporary structures, or short-term commercial operations. The permit may include specific start and end dates and will require removal or cessation of the use upon expiration.
✔	**PERMANENT SPECIAL USE:** A Permanent Special Use Permit applies to ongoing land uses or developments that are intended to be continuous or long-term in nature, subject to all applicable conditions and ongoing compliance with the Town's zoning and land use regulations.

The application fee for a Special Use Permit is $1,500.00. This fee must be submitted at the time of application and is non-refundable, regardless of the outcome of the review process.

Criteria for Approval: **The Town Council or Planning Commission will evaluate your application based on the criteria outlined below. Please provide a written response for each criterion, explaining how your proposed use meets these standards.**	
Compatibility with Zoning: *Describe how the proposed use is compatible with the surrounding area and consistent with the Town's Comprehensive Plan and zoning regulations.*	See Master Plan Report prepared by Sunrise Engineering.
Impact on Public Health and Safety: *Explain how the proposed use will avoid adverse impacts on public health, safety, or welfare. Include information on water, sewer, transportation, and emergency service provisions.*	See Master Plan Report prepared by Sunrise Engineering.
Environmental Impact: *Describe any potential environmental impacts and how they will be addressed. Consider air quality, water quality, noise, and wildlife habitat.*	See Master Plan Report prepared by Sunrise Engineering.
Traffic and Access: *Explain how the proposed use will manage traffic, provide safe access, and include adequate parking.*	See Master Plan Report prepared by Sunrise Engineering.
Mitigation of Negative Effects: *Identify any possible negative effects (e.g., noise, lighting, traffic) and explain the measures you will take to minimize them.*	See Master Plan Report prepared by Sunrise Engineering.
Consistency with Community Character: *Explain how the proposed use fits with the character and aesthetics of the surrounding neighborhood or district.*	See Master Plan Report prepared by Sunrise Engineering.

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

SITE PLAN & SUPPORTING DOCUMENTS:

Applicants must submit a site plan and all supporting documentation relevant to the proposed special use. The level of detail required may vary depending on whether the proposed use is temporary or permanent.

SITE PLAN:

PURPOSE:

The site plan provides the Town with a clear visual and written understanding of the proposed land use and any physical changes to the property. It ensures the project can be reviewed for consistency with zoning regulations, the Town's Comprehensive Plan, and potential impacts on surrounding properties.

HELPFUL TIPS:

Your application will be reviewed by the Planning & Zoning Commission and ultimately decided upon by the Town Council. When preparing your site plan and narrative, please include:

- **Description of existing site conditions** (lot size, structures, topography, vegetation, etc.)
- **Details on proposed changes** (new buildings, modifications, setbacks, access, parking, lighting, landscaping)
- **How the project complies** with applicable zoning standards and how it mitigates potential impacts (traffic, noise, lighting, etc.)

The more detail you provide, the more complete your application will be for Planning & Zoning review.

ADDITIONAL REQUIRED DOCUMENTS (IF APPLICABLE):

Depending on the nature of your proposed use, you may also be required to submit:

- Architectural drawings or renderings
- Traffic impact analysis
- Environmental assessment
- Drainage plan or grading information
- Utility service plans
- Development schedule (for larger or phased projects)

Person or Company Responsible for Preparation (If Different From Applicant):

Name	Surveyor Scherbel, Ltd / Sunrise Engineering
Address:	PO Box 725 / 770 S. Washington St., Ste A; Afton, WY 83110
Telephone Number:	307-885-9319 / 307-885-5800
Email Address:	

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

Following Submission, the Process Is as Follows:

- The Zoning Administrator, or their designated representative, will conduct a thorough review of your application to ensure completeness and compliance with applicable zoning regulations, the Town's Comprehensive Plan, and the criteria outlined in Ordinance No. 2025-004. A written staff report summarizing findings, potential impacts, and a recommendation will be prepared for the Planning and Zoning Commission.
- As soon as practical, a public hearing will be scheduled before the Alpine Planning and Zoning Commission. Notice of the hearing will be provided to all property owners within 500 feet of the proposed site, as required by ordinance.

- The applicant or their legal representative is required to attend the hearing. It is the applicant's responsibility to present accurate, fact-based information in support of the proposed use. All claims, exhibits, and statements should be substantiated with clear and relevant documentation or analysis—not promotional or speculative in nature.

- After reviewing the staff report and considering public comments, the Planning and Zoning Commission will issue a written recommendation to the Alpine Town Council. The recommendation will include a rationale for approval, approval with conditions, or denial. Conditions may be recommended to mitigate impacts on surrounding properties or public infrastructure.

- The Town Council will review the staff report, the Planning and Zoning Commission's recommendation, and any additional public input before making a final decision. The Council may vote to approve, approve with conditions, or deny the Special Use Permit application.
- If approved, the Special Use Permit will be issued with any applicable conditions outlined in the Council's decision. The applicant must adhere to these conditions at all times. Failure to comply may result in penalties or revocation of the permit, as outlined in Ordinance No. 2025-004.

- If the Special Use Permit is denied, the applicant or an aggrieved party may file a written appeal with the Town's Board of Adjustment within thirty (30) days of the final decision.

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

Special Use Permit Public Hearing Notification Requirement:

Following confirmation that your application is complete and a hearing has been scheduled, **you will be provided with** a **Notice of Public Hearing** prepared by the Town Clerk.

It is **your responsibility** to complete the following notification tasks **no less than twenty (20) business days prior to the scheduled Planning and Zoning Commission Public Hearing**:

- Distribute the Notice of Public Hearing via certified mail to all utility providers that serve or may be impacted by the proposed special use.
- Distribute Notice of Public Hearing to any person owning property that is adjacent to or within five hundred (500) feet of the proposed special use.

Legal Advertising:

It will be your responsibility to give notice of the public hearing at least twice in the local newspaper. The first notice shall be given at least fifteen (15) business days prior to the date of the public hearing. The notice shall contain a location map which includes identifiable landmarks and boundaries of the property.

Local Newspaper: Star Valley Independent
Email: amandan@svinews.com Phone Number: 307-885-5727

It will be your responsibility to post notice on the territory proposed to be annexed. Notice shall be no less than 18" x 24" and posted on material that is visible from the property line. Costs of production of the notice and posting the notice shall be borne by the applicant.

PLEASE NOTE:

You must submit proof of all mailings, legal advertisements, and property posting to the Town Clerk prior to the public hearing. Failure to meet these requirements may delay or reschedule your hearing.

Certification

By signing below as the Property Owner or an Authorized Representative, I hereby certify that all information provided in this Special Use Permit application is true, accurate, and complete to the best of my knowledge. I acknowledge that any false or misleading information may result in delays, denial, or revocation of the permit.

Signature: Dave Jenkins

Printed Name: Dave Jenkins

Title/Relationship to Property (if applicable): Managing Member

Date: 08/06/2025

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

Signwell

Completed Document Audit Report

Completed with SignWell.com

Title: Alpine - Special Use Permit Application - Creative Properties LLC

Document ID: 079a658a-e239-47d7-bdf4-c0190bfc8f2b

Time Zone: (GMT-07:00) Mountain Time - Denver

Files

Alpine - Special Use Permit Application - Creative.pdf - 5 pages	Aug 06, 2025 09:32:31 MDT

Activity

Surveyor Scherbel IP: 45.13.235.139	created the document (surveyorscherbelltd@gmail.com)	Aug 06, 2025 09:32:48 MDT
Surveyor Scherbel IP: 45.13.235.139	sent the document to dave@snowpeakwy.com	Aug 06, 2025 09:33:54 MDT
Dave Jenkins IP: 2600:100e:b33e:2986:8f6:fdc1:4792:531	first viewed document (dave@snowpeakwy.com)	Aug 06, 2025 09:56:13 MDT
Dave Jenkins IP: 2600:100e:b33e:2986:8f6:fdc1:4792:531	signed the document (dave@snowpeakwy.com)	Aug 06, 2025 09:56:48 MDT

Town of Alpine

LEGAL NOTICE

SPECIAL USE PERMIT

Notice is hereby given that on August 19, 2025, Creative Properties, LLC filed a Special Use Permit Application for the property located at 160 US Highway 89, Lot #12 of the Palisades Heights Subdivision, GLO Lot 5 Section 29 T37N R118W Lincoln County, Wyoming.

The Town of Alpine Land Use Development Code does not specifically address divided ownership in buildings held by a separate property owner or a condominium-style ownership. The applicant is requesting a Special Use Permit to allow divided ownership of proposed live-work units on the property.

On behalf of the applicant, the Town of Alpine Planning and Zoning Commission will conduct a public hearing to receive public comment and consider the proposed special use. The public hearing is scheduled for:

Date: October 14th, 2025
Time: 7:00 PM
Location: Town Council Chambers- 250 Rivers Circle, Alpine, Wyoming

During the hearing, the applicant and/or their representative(s) will present an overview of the proposed special use request. Following the public hearing, the Planning and Zoning Commission will recommend approval, approval with conditions/modifications, or denial of the Special Use Permit to the Alpine Town Council.

A second public hearing will be held by the Alpine Town Council on:

Date: October 21st, 2025
Time: 7:00 PM
Location: Town Council Chambers- 250 Rivers Circle, Alpine, Wyoming

Plat map and other information are available for public review at the Town Hall Office. Additional staff reports and related documents will be available after August 20th, 2025.

Public comments, support letters, or protest letters may be submitted in writing to the Town of Alpine Zoning Administrator or by email to: planning@alpinewy.gov. Submissions by October 7th, 2025, are encouraged to ensure inclusion in the public record. All submitted letters will be read into the record during the public hearing. Public attendance is welcome and encouraged.

Town of Alpine
LEGAL NOTICE

Contact Information:

Gina Corson
Acting Planning and Zoning Administrator- Town of Alpine
250 River Circle, P.O. Box 3070
Alpine, WY 83128
Phone: (307) 654-7757
Email: planning@alpinewy.gov

NEIGHBORS WITHIN 500 FT OF LOT 12 PALISADES HEIGHTS SUBDIVISION
Information pulled from current LCWY GIS as of 12 MARCH 2025

Snow Peak Properties, LLC
PO Box 2911
Alpine, WY 83128

Morning Star Baptist Mission

Robinson Rentals, LLC
3695 Lake Creek
Wilson, WY 83014

Jim & Linda Sandner, Trustees
PO Box 3274
Alpine, WY 83128

Danielle Raver, Trustee
PO Box 5612
Etna, WY 83118

Roger Brown, Trustee
PO Box 3867
Alpine, WY 83128

Darrell & Scott Shervin
PO Box 14450
Jackson, WY 83002

Sally Ruttenberg, Trustee
13351 Riverside Dr. #314
Sherman Oaks, CA 91423

Quinnbella, LLC
PO Box 3581
Jackson, WY 83001

Robert & Jaclyn Shockey, Trustees
PO Box 3377
Alpine, WY 83128

Star Valley Apostolic Church

Donald Sherman
PO Box 3783
Alpine, WY 83128

Cynthia & Tiffany Barber
PO Box 3181
Alpine, WY 83128

Joseph Meeks
PO Box 3977
Alpine, WY 83128

Glenda Lawrence
PO Box 2076
Jackson, WY 83001

Michael Nugent
PO Box 132
Jackson, WY 83001

Laurie Vasko
PO Box 3594
Alpine, WY 83128

Jeffrey & Marilyn Raver
PO Box 3125
Alpine, WY 83128

Severson Investments, LLC

Ridge Creek Investment Co.
PO Box 1
Jackson, WY 83001

Jon & Senne Toolson
PO Box 3828
Alpine, WY 83128

Robinson Family Living Trust
3695 N Lake Creek Dr
Wilson, WY 83014

Louis Browning
671 Washington St
Afton, WY 83110

Goetz, LLC
PO Box 3646
Alpine, WY 83128

Brian & Megan Cook
152 Moose Manor Lane
Afton, WY 83110

Michael Bills & Kimberly Clark
10413 NW 41st St
Yukon, OR 73099

Rental Property #3, LLC
PO Box 649
Jackson, WY 83001

NEIGHBORS WITHIN 500 FT OF LOT 12 PALISADES HEIGHTS SUBDIVISION
Information pulled from current LCWY GIS as of 12 MARCH 2025

Victoria Ross
PO Box 3769
Alpine, WY 83128

Joshua Wendell
PO Box 3992
Alpine, WY 83128

Rachel Grimes
PO Box 5189
Etna, WY 83118

Annessa Melnick
PO Box 11591
Jackson, WY 83002

Tani Randolff
PO Box 13773
Jackson, WY 83002

Melinda Pavek, Trustee
4500 S Four Mile Run Dr #1025
Arlington, VA 22204

CK Jackson Holdings, LLC
4251 Melody Ranch Dr
Jackson, WY 83001

Jeffrey & Kristin Barens, Trustees
14380 S Caddis Court
Jackson, WY 83001

AFFIDAVIT OF MAILING

STATE OF WYOMING)
) ss
COUNTY OF LINCOLN)

I, Jennifer Gunter, being first duly sworn, deposes and states as follows:

1. I am over the age of eighteen (18) and am competent to make this affidavit.

2. On the 21st day of August 2025, I mailed notices by First Class Mail (Exhibit A) and Certified Mail (Exhibit B) to the property owners and entities on the lists provided to the Town of Alpine as part of the Special Use Permit Application for Creative Properties, LLC.

3. A true and correct copy of the mailing lists are attached hereto as Exhibit A and Exhibit B.

4. A true and correct copy of the Notice of Hearing mailed to each property owner is attached hereto as Exhibit C.

5. I certify that the foregoing statements are true and correct to the best of my knowledge and belief.

Dated this 9th day of September 2025.

Jennifer Gunter

The foregoing instrument was subscribed and sworn to and acknowledged before me by Jennifer Gunter this 9th day of September 2025. Witness my hand and official seal.

[SEAL]

JAMIE DECORA
Notary Public - State of Wyoming
Commission ID: 101512
My Commission Expires July 3, 2028

Notary Public
My Commission Expires: 07/03/2028

EXHIBIT A

NEIGHBORS WITHIN 500 FT OF LOT 12 PALISADES HEIGHTS SUBDIVISION
Information pulled from current LCWY GIS as of 12 MARCH 2025

Snow Peak Properties, LLC
PO Box 2911
Alpine, WY 83128

Jim & Linda Sandner, Trustees
PO Box 3274
Alpine, WY 83128

Darrell & Scott Shervin
PO Box 14450
Jackson, WY 83002

Robert & Jaclyn Shockey, Trustees
PO Box 3377
Alpine, WY 83128

Cynthia & Tiffany Barber
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Alpine, WY 83128

Michael Nugent
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Jackson, WY 83001

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Salt Lake City, UT 84117

Robinson Family Living Trust
3695 N Lake Creek Dr
Wilson, WY 83014

Brian & Megan Cook
152 Moose Manor Lane
Afton, WY 83110

Morning Star Baptist Mission
156 Morning Star Drive
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PO Box 5612
Etna, WY 83118

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13351 Riverside Dr. #314
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Alpine, WY 83128

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Jackson, WY 83001

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Jackson, WY 83001

Jeffrey & Marilyn Raver
PO Box 3125
Alpine, WY 83128

Jon & Senne Toolson
PO Box 3828
Alpine, WY 83128

Goetz, LLC
PO Box 3646
Alpine, WY 83128

Rental Property #3, LLC
PO Box 649
Jackson, WY 83001

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Information pulled from current LCWY GIS as of 12 MARCH 2025

Victoria Ross
PO Box 3769
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PO Box 5189
Etna, WY 83118

Annessa Melnick
PO Box 11591
Jackson, WY 83002

Tani Randolff
PO Box 13773
Jackson, WY 83002

Melinda Pavek, Trustee
4500 S Four Mile Run Dr #1025
Arlington, VA 22204

CK Jackson Holdings, LLC
4251 Melody Ranch Dr
Jackson, WY 83001

Jeffrey & Kristin Barens, Trustees
14380 S Caddis Court
Jackson, WY 83001

EXHIBIT B



9589 0710 5270 1758 3241 86

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com*®.

Freedom, WY 83120

OFFICIAL USE

Certified Mail Fee $5.30 $4.40

Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $ $0.00
- ☐ Return Receipt (electronic) $ $0.00
- ☐ Certified Mail Restricted Delivery $ $0.00
- ☐ Adult Signature Required $ $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $0.78

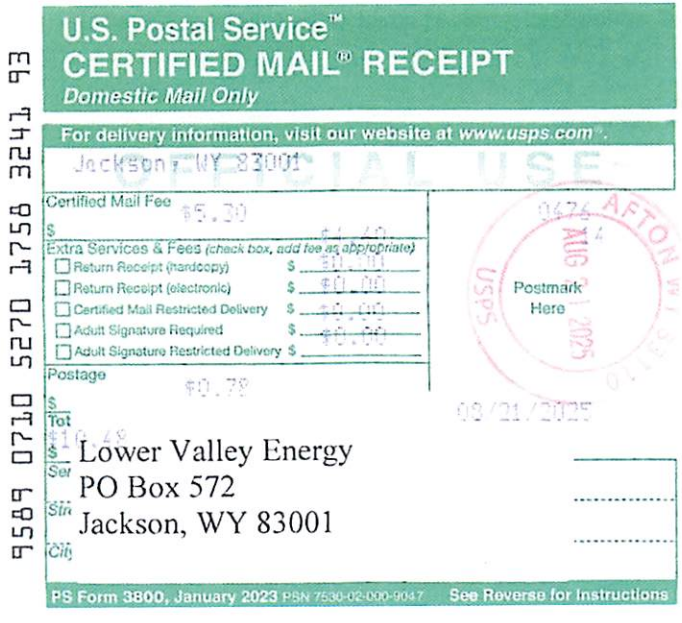
Total Postage and Fees $10.48

0476
14

Postmark Here
AUG 21 2025
05X21/2025

Silver Star
PO Box 226
Freedom, WY 83120

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



9589 0710 5270 1758 3241 93

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Jackson, WY 83001

OFFICIAL USE

Certified Mail Fee $5.30

Extra Services & Fees (check box, add fee as appropriate)
- ☐ Return Receipt (hardcopy) $ $0.00
- ☐ Return Receipt (electronic) $ $0.00
- ☐ Certified Mail Restricted Delivery $ $0.00
- ☐ Adult Signature Required $ $0.00
- ☐ Adult Signature Restricted Delivery $

Postage $0.79

Tot $10.79

Postmark Here

AFTON WY 0424 AUG 21 2025 USPS

09/21/2025

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Str

Cit

Lower Valley Energy
PO Box 572
Jackson, WY 83001

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

9589 0710 5270 1758 3241 79

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

Rock Springs, WY 82901

Certified Mail Fee	$5.30
$	
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy)	$ $0.00
☐ Return Receipt (electronic)	$ $0.00
☐ Certified Mail Restricted Delivery	$ $0.00
☐ Adult Signature Required	$ $0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.79
$	
Tot	$10
$	
Ser	
Stre	
City	

Postmark Here

Wyoming Dept of Transportation
District 3 Headquarters
3200 Elk Street
Rock Springs, WY 82901

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

EXHIBIT C

Town of Alpine

LEGAL NOTICE

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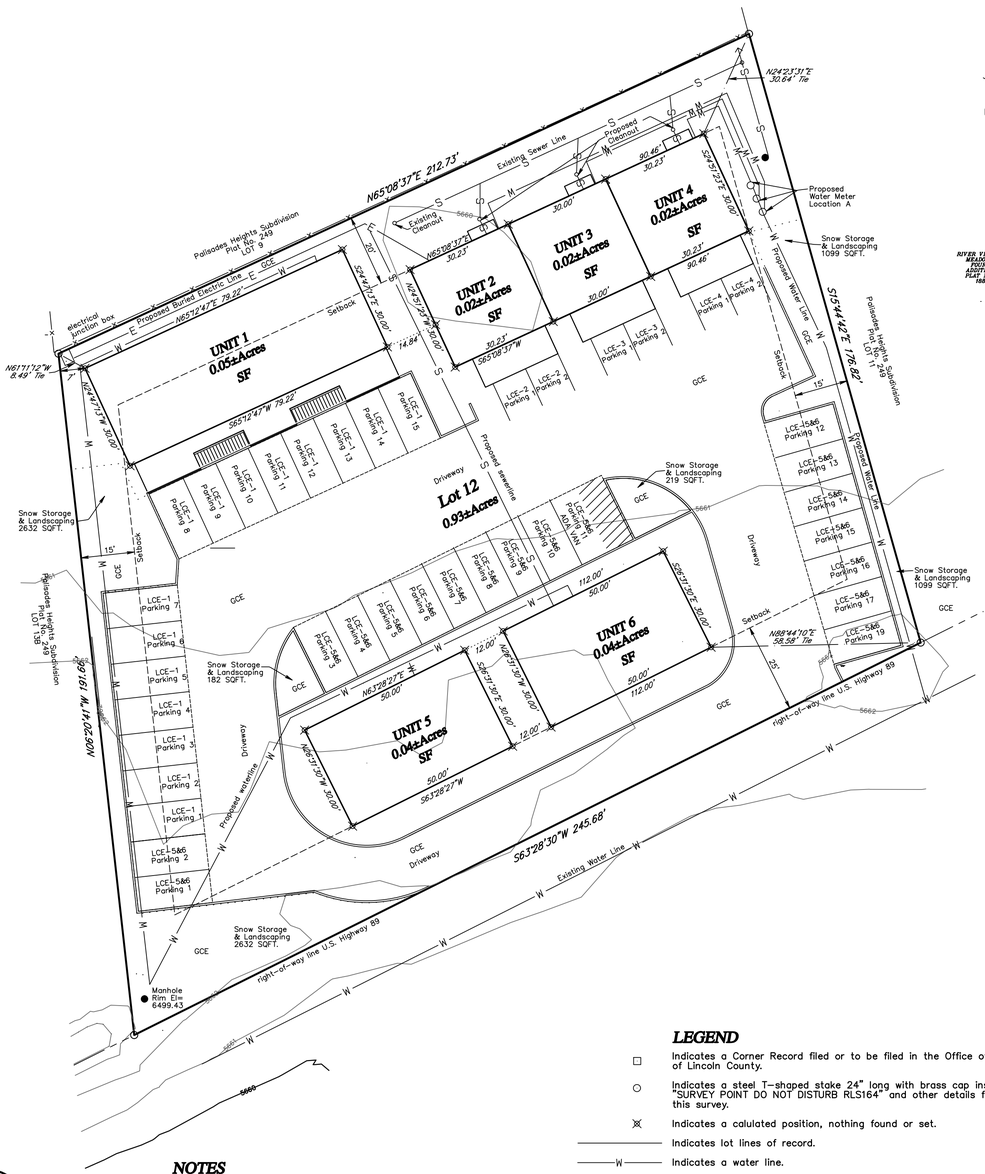
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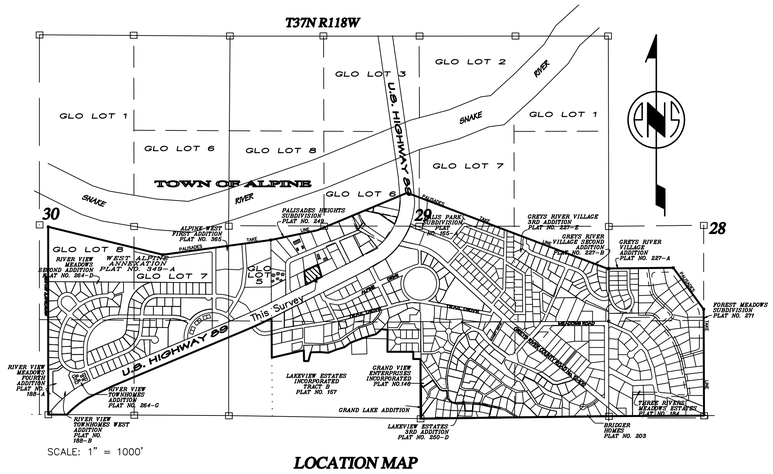
Town of Alpine
LEGAL NOTICE

Contact Information:

Gina Corson
Acting Planning and Zoning Administrator- Town of Alpine
250 River Circle, P.O. Box 3070
Alpine, WY 83128
Phone: (307) 654-7757
Email: planning@alpinewy.gov

LAKEVIEW OUTPOST ADDITION





LOCATION MAP

NOTES

1. Where bearings are not shown they are parallel to the appropriate unit lines.
2. Total area dedicated for off street parking: 20,100 Sq. FT. Minimum snow storage area required: 19,687 X 0.20 = 3937 Sq. Ft. Snow storage provided: 2632 + 1099 + 182 + 219 = 4132 Sq. Ft.
3. Landscaping: 7205 Sq. Ft. provided / 4051 Sq. Ft. required.
4. Typical Parking is 10' X 20'.

LEGEND

□	Indicates a Corner Record filed or to be filed in the Office of the Clerk of Lincoln County.
○	Indicates a steel T-shaped stake 24" long with brass cap inscribed: "SURVEY POINT DO NOT DISTURB RLS164" and other details found this survey.
⊠	Indicates a calulated position, nothing found or set.
———	Indicates lot lines of record.
——W———	Indicates a water line.
——S———	Indicates a sewer line.
LCE-Unit 1	Indicates that part of the common area which is Limited Common Element appurtenant to the unit of the same number.
GCE	Indicates that part of the common area which is General Common Element.
Unit 1	Indicates a townhome unit.

The Basis of Bearing for this survey is N01°04'44"W along the line from the "Call" CS1/16 to the "Call" C1/4 of Section 29, T37N R118W.

0' 20' 40' 60'

SCALE: 1" = 20'
CONTOUR INTERVAL = 1'

PLOT DATE: 6 August 2025

CERTIFICATE OF OWNERS

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

The undersigned do hereby certify that the subdivision of Lot 12 of the Palisades Heights Subdivision within the Incorporated limits of the Town of Alpine, as shown on this plat and more particularly described in the certificate of surveyor, is with the free consent and in accordance with the desires of the owner and proprietor of the described lands;

that the name of the addition shall be the ***LAKEVIEW OUTPOST ADDITION*** to the Town of Alpine;

that they do hereby vacate said Lot 12 in accordance with Section 34-12-106 Wyoming Statutes 2024, as amended, and respectfully request the Clerk of Lincoln County to so mark said plat in accordance with Section 34-12-110;

that Units 1-6 are townhouse type ownership as defined in the Declaration of Covenants, Conditions and Restrictions for Lake Outpost Addition of record in the Office of the Clerk of Lincoln County;

that each owner of units within this addition is a member of the Lakeview Outpost Property Assocition;

that each unit consists of a single townhouse unit and the underlying land together with the exclusive use of the Limited Common Element (LCE) with the same unit designation and an undivided interest in the General Common Element (GCE) all defined in said Declaration;

that said addition is subject to any easements of record;

that an emergency vehicle easement is hereby granted to the Town of Alpine over and across the common area (GCE, LCE) shown hereon;

that utility easements identical with the common area (GCE, LCE) shown hereon are hereby granted to Lower Valley Power and Light, Inc. and Silver Star Telephone Company, Inc. and other public and private utilities to serve the units of this addition;

that all rights under and by virtue of the Homestead Exemption Laws of the State of Wyoming are hereby released;

Creative Properties, LLC

Signature obtained by seperate Certificate of Owner to be recorded concurrently herewith

Managing Member

-ADVANCE PLAT-
SUBJECT TO CORRECTION AND APPROVAL

CERTIFICATE OF RECORDATION

This plat was filed for record in the Office of the Clerk of Lincoln County on this ___ day of _____ 2025.

April Brunski, Clerk

CERTIFICATE OF SURVEYOR

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

I, Karl F. Scherbel of Afton, County of Lincoln, State of Wyoming, hereby certify that this plat was made from notes taken during an actual survey made by me and persons under my supervision during 2025, and from records in the Office of the Clerk of Lincoln County and that it correctly represents the ***LAKEVIEW OUTPOST ADDITION***

to the Town of Alpine, described as follows:

Lot 12 of the Palisades Heights Subdivision within the Town of Alpine of record in said office as Plat No. 249 within the GLO LOT 5 of Section 29, T37N, R118W, Lincoln County, Wyoming:

that said addition was accurately surveyed, that the parts thereof are accurately staked off and marked with appropriate metal monuments, including magnetic iron, and inscribed at least with the registration number of the land surveyor to provide source identification at all lot corners of the addition, and that their locations are correctly shown hereon;

Encompassing an area of 0.93 acre, more or less;

Professional Land Surveyor
Karl F. Scherbel
11810
Date
WYOMING

the foregoing instrument was acknowledged before me by Karl F. Scherbel this ___ day of _____ , 2025;

Notary Public My Commission expires:

CERTIFICATE OF ACCEPTANCE

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

The foregoing ***LAKEVIEW OUTPOST ADDITION*** to the Town of Alpine was approved at the regular meeting of the Alpine Town Council on this ___ day of _____ , 2025 in accordance with Resolution No. ___ of the Town of Alpine.

Town of Alpine

Attest:

Monica L. Chenault, Town Clerk

Eric Green, Mayor

OWNERS:

Creative Properties, LLC
P.O. Box 1196
Jackson, Wyoming 83001

LAND USE TABLE:

Total Number of Units: 6
Total Acres: 0.93±Acres
Zoning: MRC-Mixed Residential and Commericial District

SURVEYOR:

Surveyor Scherbel, Ltd.
P.O. Box 725
Afton, Wyoming 83110
(307) 885-9319

DATE:

August 2025

PRELIMINARY PLAT LAKEVIEW OUTPOST ADDITION TO THE TOWN OF ALPINE IDENTICAL WITH LOT 12 OF THE PALISADES HEIGHTS SUBDIVISION IN THE TOWN OF ALPINE WITHIN THE GLO LOT 5 SECTION 29 T37N R118W LINCOLN COUNTY, WYOMING

DATE: 3 February 2025
DRAWN BY: Clint A. Phillips
CALCULATED BY: Karl F. Scherbel
CATAGORY/PROP: SD/Alpine/PalisadeHeights
FIELD BOOK:
COMPUTER FILE: PalisadeHeights12_townhomes.pro

SURVEYOR SCHERBEL, LTD.
PROFESSIONAL LAND SURVEYORS
BOX 96 BIG PINEY-MARBLETON, WYO. 83113 TEL 307-276-3347
BOX 725 AFTON, WYO. 83110 TEL 307-885-9319; ALPINE, WYO. 83128 TEL 307-885-9319
JACKSON, WYO. TEL 307-733-5905; LAVA, ID. TEL 208-776-5930; MONTPELIER, ID TEL 208-847-2800

4/17/25-CAP: Edit per Afton review
4/1/25-CAP: Edit per Afton review
REVISIONS:

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Town of Alpine

RESIDENTIAL PERMIT

Permit No. **R2-05-24**

CONTINGENT PERMIT APPROVAL: Town of Alpine to Receive a Certificate of Placement for building placement. Owner/Contractors to follow the 2021 International Building Code, any changes to the permitted building plans will need permit amendment.

Is hereby granted to **Creative Properties, LLC** by the Town of Alpine. To place a Multi-Unit Townhome {Live/Work Building} structure on Lot #12 of the Palisades Heights Subdivision, property location is identified as: 160 US Highway 89, Town of Alpine, Wyoming 83128. Construction will be completed as indicated in the approved building packet for the property location of **160 US Highway 89** - Town of Alpine, Lincoln County, Wyoming. Permit Approval Date: December 10th, 2024. This permit is valid for a period of one (1) year from the date of **approval**.

I, Christine Wagner, on behalf of **Eric Green,** Mayor of the Town of Alpine, do hereby subscribe my name and cause the SEAL of said town to hereunto be affixed this 15th day of January 2025.

Christine Wagner, P&Z Administrator

Town of Alpine – Staff Compliance Review Report

Project: Creative Properties, LLC – Special Use Permit and Master Plan
Location: 160 Highway 89, Lot 12, Palisades Heights Subdivision
Zoning District: Mixed Residential Commercial (MRC)
Reference Ordinance: Ordinance No. 2025-004 – Special Use Permits

---

1. Purpose of Review

This report evaluates the compliance of the Creative Properties, LLC Master Plan, Special Use Permit (SUP) Statement, and application materials with the criteria for approval outlined in Section 6 of Ordinance No. 2025-004. The analysis is based on the submitted application package (dated August 6, 2025), the accompanying project narrative and conceptual exhibits prepared by Sunrise Engineering, Alpine Architectural Studio, and Surveyor Scherbel, Ltd., and the adopted land-use and zoning framework for the MRC District.

---

2. Compliance with Section 6 Criteria

a. Compatibility with Zoning

The property lies in the Mixed Residential Commercial (MRC) District, which allows both residential and commercial uses under an approved SUP. The proposed combination of apartments, live/work units, and commercial suites supports the mixed-use intent of the district and aligns with the Town's Comprehensive Plan objective to increase housing diversity and expand commercial frontage along U.S. 89.
Finding: Complies.

b. Impact on Public Health and Safety

The Master Plan provides for adequate on-site parking, snow storage (4,132 sq. ft. provided vs. 3,937 sq. ft. required), and water/sewer connectivity to existing Town infrastructure. Emergency access is available from U.S. Highway 89, and fire hydrants are located adjacent to the parcel. No public-health or life-safety conflicts were identified; final compliance will be verified through building-permit review and inspections by the Town Building Official.
Finding: Complies.

c. Environmental Impact

The site is previously developed and located within existing urban infrastructure. Redevelopment replaces a blighted commercial structure with new construction and upgrades storm-water, snow-storage, and landscaping areas exceeding minimum Town requirements. No wetlands, floodplains, or critical habitats are present.
Finding: Complies.

d. Traffic and Access

The project maintains a single shared access onto U.S. 89 and provides internal circulation and defined parking areas for each use type. The residential and commercial intensity is modest, and traffic generation is expected to remain within the corridor's capacity. Coordination with WYDOT will be required for any curb-cut modifications or access-permit updates.
Finding: Complies, subject to WYDOT access review.

e. Mitigation of Negative Effects

Potential impacts such as lighting, signage, and noise are mitigated through site-plan design: lighting is limited to building-mounted fixtures; snow storage and landscaping buffer adjoining parcels; and mechanical/electrical equipment will be screened per MRC standards. Additional mitigations (e.g., sign design review and property-owner maintenance standards) may be imposed as conditions of approval.
Finding: Complies with standard conditions.

f. Consistency with Community Character

The architectural elevations and massing conform to the Town's design standards, incorporating varied rooflines, façade articulation, and materials compatible with Alpine's mountain-town character. The live/work configuration promotes walkability and small-business opportunities consistent with surrounding mixed-use development.
Finding: Complies.

---

3. Summary of Findings

Approval Criterion (§6, Ord. 2025-004)	Compliance Status	Notes / Conditions
Compatibility with Zoning	✓ Complies	MRC mixed-use consistent with Comprehensive Plan
Impact on Public Health & Safety	✓ Complies	Utilities and access adequate

Approval Criterion (§6, Ord. 2025-004)	Compliance Status	Notes / Conditions
Environmental Impact	✓ Complies	Redevelopment improves site conditions
Traffic and Access	✓ Complies (Condition)	Subject to WYDOT access review
Mitigation of Negative Effects	✓ Complies (Condition)	Signage and lighting to meet Town standards
Consistency with Community Character	✓ Complies	Design and use fit corridor context

---

4. Conclusion

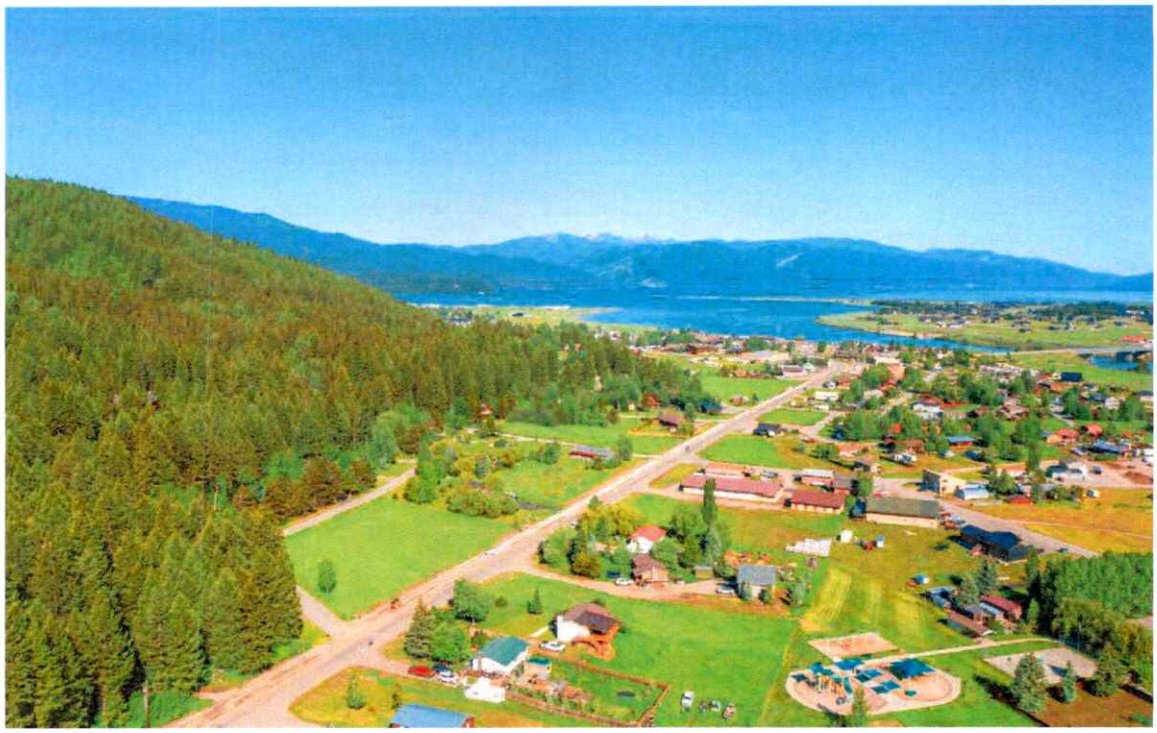
Based on the submitted application, supporting documentation, and the evaluation against Ordinance No. 2025-004 §6 criteria, staff finds the Creative Properties, LLC proposal to be in substantial compliance with the Town's standards for Special Use Permits.

Prepared by: Gina Corson
Planning and Zoning Administrator
Town of Alpine, Wyoming

Date: 09/15/2025

Citations:

- Ordinance No. 2025-004 §§5–7
- 2025-004 - Special Use Permits
- Special Use Permit Application (Creative Properties LLC, Aug 6 2025)
- Master Plan Narrative and Site Plans (Sunrise Engineering and Alpine Architectural Studio, Mar 2025)
- Special Use Permit Statement



MASTER PLAN REPORT
LAKEVIEW OUTPOST ADDITION

JUNE 2025

SUNRISE ENGINEERING

MASTER PLAN REPORT

LAKEVIEW OUTPOST ADDITION

JUNE 2025



Dave Kennington, P.E.
State of Wyoming, No. 9585
Sunrise Engineering, LLC
770 S. Washington St., Suite A
Afton, WY 83110

Prepared by
Surveyor Scherbel, LTD
and
Sunrise Engineering, LLC

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1.0 Statement of Purpose and Land Uses

The Lakeview Outpost addition encompasses an approximate area of 0.93 acres. The property is located on the North side of HWY 89, roughly 200 feet to the west of the of the Star Lane and HWY 89 intersection.



Figure 1: Lakeview Outpost Development Location

The purpose of this development is to be platted as a townhome development with general common areas and limited common areas. There are six planned units on this property, each unit consists of a single "townhome" style unit and the underlying land.

Unit 1 consists of an existing two story apartment building. The building has six apartment units, three on each floor for a total square footage of 4800 square feet (sf).

Units 2-4 are proposed to be live/work units. These two story units are 1,800 sf (900 per floor). They will be constructed to have a commercial space on the main level and living quarters on the second floor for the unit owner.

Units 5 and 6 are proposed commercial units. The units will consist of two individual two story buildings, connected by a staircase. Each unit will have two 1,500 sf business suites.

Limited Common Elements (LCE's) and General Common Elements (GCE's) are assigned to the units as shown on the plat map. Each unit will have ownership of the limited common element specific to each unit as shown on the plat. General common elements will be provided for all units within the development. **Figure 1.2** (Figures Section) shows an advance plat for the proposed addition.

2.0 Development Schedule

Unit 1 has already been developed as an existing apartment building. This was completed in the fall of 2024. Units 2-4 are proposed to be developed in the summer of 2026. Units 5-6 are proposed to begin construction in summer 2031.

3.0 Lots and Zoning

The Current Zoning for the property is Mixed Residential Commercial. The proposed usage will be consistent with the current zoning. The proposed development will be processed as a Planned Unit Development due to the minimum lot sizes for the zones. The proposed lots will be used for townhome style units. Limited Common Elements are assigned as parking paces for each lot and a General Common Element as the driveway and other open areas for utilities.

4.0 Suitability of Soils

The primary soil in the proposed Lakeview Outpost Addition is classified by the USDA Natural Resources Conservation Service (NRCS) as Hobacker gravelly loam (Hc). The NRCS Soils Map is attached in the Figures Section as **Figure 4.1.** This soil profile includes the following:

0-9 inches: gravelly loam

9 to 23 inches: very gravelly loam

23 to 30 inches: very gravelly sandy loam

30 to 60 inches: very gravelly loamy sand

The soil is "somewhat excessively drained" with a depth to water table of more than 80 inches. The soil has low risk of ponding and is in the hydrologic soil group B. The 1976 Soil Survey of Star Valley states this soil has slow runoff and slight erosion hazard. The permeability is between 6 to 20 inches per hour. The report further identifies this soil as being used for urban development.

The development will include water and sewer service extensions. These facilities will be placed from two to seven feet deep and will be in the portion of the soil profile containing up to 30% coarse fragments greater than three inches. Consequently, all buried water and sewer pipes will require imported bedding and shading. The native soils will be suitable for trench backfill above the shaded pipe. Boulders greater than 12 inches should be excluded from the lower levels of backfill closest to the shading. Screening of this material for bedding is possible, however the remains may not contain adequate "fines" for a suitable trench backfill.

The native Hc soil is classified as A-1 or A-2 under the AASHTO classification system and will be suitable for road subgrade, building foundation and other construction designed to support surface loads. It is non-plastic with low shrink-swell potential and low risk of frost action. The larger course fragments will hinder fine grading operations.

Based on the review of the Hc soil, the native soils are suitable for the proposed development and the urban construction likely to occur on the lot.

5.0 Compatibility with Adjacent Land Uses

The proposed development will be adjacent to land currently zoned C-Commercial and MRC-Mixed Residential and Commercial. The current MRC zoning is consistent with the current uses of land in the surrounding area. Growth in residential uses is expected in Alpine and this area where space is available.

6.0 Housing

Alpine is one of the fastest growing areas in Lincoln County. This is due to the attraction of commuters due to its proximity of Jackson and the natural amenities offered by the mountains and surrounding area. The need for housing in alpine is evidenced by recent construction of apartment buildings including the apartment building on Boardwalk Drive. Other apartment buildings have been proposed in the Alpine area as well. Snake River Junction was master planned for mixed residential/commercial use, but the area slated for that development is now an RV park. Five of the lots zoned MRC land within Alpine Meadows are proposed to be employee housing for St. John's Medical Center because of the ongoing housing shortage in the Jackson area.

7.0 Planned Water System

Alpine's water system has grown from a system serving only on the south side of Snake River to a system that serves both sides of the river. The system has two storage tanks on the south side of the river and after acquisition of the North-Star utility system the Town now has a well and tank on the north side of the river. The facilities were combined and linked via a 12" pipeline hung on the WYDOT bridge crossing the Snake River in about 2012. The following descriptions have been developed utilizing information from the 2008 Star Valley Regional Master plan and combined with current data to provide an overview of the system. Additionally, information was taken from data obtained from the Town in the currently ongoing WWDC Master Plan report.

7.1 Water Users

In 2008 Alpine had 379 residential connections (single family dwellings and apartments) and 34 commercial connections. North-Star Utilities had a handful of residential customers. As of April 2025, the total connections are about 638 with most growth occurring in residential connections. Typically, water use is analyzed in terms of equivalent residential units (ERUs) where the water used by each connection is compared to that of an average house. For the purposes of this study, the existing connections were grouped into 2 categories. **Table 7.1** summarizes the connections.

Table 7.0.1: Connections and ERU's

TABLE 7.1.1 - CONNECTIONS AND EQUIVALENT RESIDENTIAL UNITS (ERUS)	Existing Connections	Existing ERU's per Unit	Total Existing ERU's
Residential Dwellings	617	1	617
Small Commercial	15	1	15
Large Commercial	6	4	24
Institutional	0	.25	0
Total:	**638**		**656**

7.2 Water Use

Water meter data taken from the past five years were analyzed for to estimate the total water use per connection within the system. The average water use for each ERU was recorded as approximately 360 Gallons Per Day (gpd). Judging from SCADA data, the maximum daily demand has maintained around 4 times the average daily demand. **Table 7.2.1** summarizes the water use for the years of 2020-2025.

Table 7.2: 2020-2025 Alpine Water Use

	Alpine Water Use	
	(gpd)	(gpd/ERU)
Average Daily Demand	759,000	1,157
Maximum Daily Demand	1,800,000	2,744

From **Table 7.2** the maximum daily demand in the City of Alpine Water System is given as 2,744 gpd/ERU. The addition of six ERU's would increase the demand by roughly 16,644 gpd at the maximum daily demand, which is equated to roughly 12 GPM. This demand was incorporated into the AquaTwin model and analyzed in Section 7.7.

7.3 Water Sources

The Alpine water system has six water sources: Alpine Well No. 1, Alpine Well No. 2, Alpine Well No. 3, Excel Development No. 1, Flying Saddle Well No. 1, and Flying Saddle Well No. 2.

7.3.1 ALPINE WELL NO. 1

Alpine Well No. 1 is located on Forest Service property just off the Greys River Road southeast of the Town. The well is cased to a total depth of 275 feet. Depth to the first water bearing formation is 60 feet. The well has a 50 hp submersible pump set at 175 feet and produces approximately 350 gpm. A 2006 investigation showed Well No. 1 is capable of a sustained pumping rate of 750 gpm during peak-use periods. To meet this peak rate the well would need to be outfitted with a larger pump and may require a water right appropriation increase. Operation of Well No. 1 is alternated with Well No. 2 to enhance the life of the pumps.

7.3.2 ALPINE WELL NO. 2

Alpine Well No. 2 is located 172 feet east of Well No 1. The well is 243 feet deep and is cased to a depth of 147 feet. At the time of drilling, static water depth was 85 feet. The well has a 50 hp submersible pump set at 156 feet and produces approximately 350 gpm. The 2006 investigation showed Well No. 2 can produce 600 gpm, but sustained pumping could cause air entrainment problems due to water cascading into the well through perforations above the pumping water level. Additionally, the well would need to be outfitted with a larger pump and water right appropriation increase to meet the higher 600-gpm pumping rate.

7.3.3 ALPINE DISTRICT WELL NO. 3

Well No. 3 is located near Wells No. 1 and 2. Well No. 3 was drilled in 2009 as part of a Wyoming Water Development Study. This well was placed in service sometime shortly after the study. this well has an Exisitng capacity of 450 gpm.

7.3.4 Excel Development No. 1

Excel Development No. 1 is located along the southwest edge of Alpine Lakes Subdivision Lot 1 approximately 175 feet southwest of US Highway 26. The well is 142 feet deep. The well is cased to a depth of 42 feet, screened from 42 feet to 102 feet, and cased from 102 feet to 142 feet. At the time of drilling, static water depth was 26 feet. A pump test revealed the well can produce upwards of 2,500 gpm. The well is currently outfitted to produce 500 gpm. To meet a higher peak rate the well would need to be outfitted with a larger pump and may require a water right appropriation increase.

7.3.5 Flying Saddle Well No. 1

Flying Saddle Well No. 1 was constructed as part of the North-Star Utility system but was not fully developed and is currently not in use. The well is located approximately 100 feet south of the Flying Saddle Lodge and south of Highway 89/26. The well is 260 feet deep and is cased to a depth of 120 feet. Static water level reportedly varies between 40 and 80 feet

depending on the water depth in Palisades Reservoir. A pump test at drilling showed the well has a production capacity of about 70 gpm.

7.3.6 Flying Saddle Well No. 2

Flying Saddle Well No. 2 was drilled as part of the North-Star Utility system. It is located on Lot 1 of the Flying Saddle Subdivision adjacent to the Flying Saddle Lodge/Restaurant building and approximately 100 feet northwest of Flying Saddle Well No. 1. The well is 160 feet deep and is cased to a depth of 100 feet. The remaining 60 feet of depth are screened. Static water level reportedly varies between 40 and 80 feet depending on the water depth in Palisades Reservoir. The well has a 20 hp submersible pump set at 95 feet and produces approximately 180 gpm.

7.3.7 WATER SOURCE SUMMARY

A summary of the Town's water sources is shown below.

Table 7.3.1: Alpine Water Sources

	Existing Capacity (gpm)	Potential Capacity (gpm)
Alpine Well No. 1	450	750
Alpine Well No. 2	450	600
Alpine Well No. 3	450	650
Flying Saddle Well No. 1	70[1]	305
Flying Saddle Well No. 2	180[1]	310
Excel Development No. 1	500[2]	2000
Total	1,350	4,615

[1] These wells are not currently in service

[2] This well is currently not connected to this part of the Town water system.

The Flying Saddle wells have been disconnected from the system by closed valves. Their production was not included in the existing capacity total (**Table 7.3.1** above). Additionally, the Excell Development No. 1 Well serves the Targhee Place, Alpine Lakes, and Timberview Apartments developments. It is not connected to the town system. The well is located in the Alpine Lakes development. For this reason, the Excell Development No. 1 Well was not included in the existing capacity total.

The Wyoming Department of Environmental Quality Rules and Regulations (WDEQ, 2023) regulations for public water sources were updated in 2023 and also reference the Ten State Standards. Applicable rules for the Town of Alpine Water System are referenced below.

1. ***Groundwater source development shall include two wells that are each capable of supplying the average daily demand with the largest well out of service, (WDEQ, 2023, p. 12-22).***

Table 7.3.2 Summarizes the Water Source Capacity compared to the average daily demand on the system.

Table 7.3.2 Water Source Capacity Compared to Average Day Demand

Alpine Well #1 Capacity	648,000 gpd	450 gpm
+Alpine Well #2 Capacity	648,000 gpd	450 gpm
Alpine Well #3 Capacity (largest well, not included)	~~648,000 gpd~~	~~450 gpm~~
-Average Daily Demand (2050)	759,000 gpd	527 gpm
Excess Capacity =	**537,000 gpd**	**372 gpm**

The town currently has multiple well sources. The Flying Saddle well production and Excell Development #1 Well production were not included as they are not currently connected to the main water system. From the above table, the town currently has an excess source capacity of 645,000 gpd. This equates to 557 ERU's (based on 1,157 gpd/ERU average daily demand).

2. *Groundwater source development shall include one well and finished water storage that together equal twice the maximum daily demand (WDEQ, 2023, p. 12-22).*

Table 7.3.3 Summarizes the well and storage capacity compared to the twice the systems maximum daily demand.

Table 7.3.3:

Well Capacity	1,944,000 GPD
(+) Storage Capacity	1,290,000 Gallons
(-) 2x Maximum Daily Demand	2x 1,800,000 GPD
Capacity Deficit	**-36,600 gpd**

Based on this analysis the town currently has a capacity Deficit of 36,600 gallons per day, or approximately 13 ERU's (based on 2744 gpd/ERU Max Daily Demand). This deficit could be managed by connection to another well source or by providing additional storage. Connecting the Excell Development No. 1 Well to the system, for example, would provide an additional 720,000 GPD of capacity (262 ERU's) and satisfy this requirement.

7.4 Water Rights

The Town of Alpine has municipal water rights for Alpine Wells No. 1, and No. 2 in the amounts of 350 gpm and 375 gpm. A summary of these and the Town's other water rights is shown below.

Table 7.4: Alpine Water Rights

Permit	Source	Priority	Amount	Comments
U.W 39163	Alpine Well No. 1	07/20/1977	200 gpm (0.445 cfs)	
U.W. 78067	Alpine Well No. 1	12/27/1985	100 gpm (0.222 cfs)	Enlarged Alpine No. 1
U.W. 98662	Alpine Well No. 1	03/27/1995	50 gpm (0.111 cfs)	Enlarged Alpine No. 1
U.W. 77717	Alpine Well No. 2	06/23/1988	375 gpm (0.836 cfs)	
U.W. 101241	Flying Saddle Well No. 1	12/12/1995	55 gpm (0.12 cfs)	
U.W. 178318	Flying Saddle Well No. 1	09/12/2006	50 gpm (0.11 cfs)	Enlargement
U.W. 182139	Flying Saddle Well No. 1	06/12/2007	200 gpm (0.45 cfs)	Enlargement
U.W. 101242	Flying Saddle Well No. 2	12/12/1995	60 gpm (0.13 cfs)	
U.W 178319	Flying Saddle Well No. 2	09/12/2006	50 gpm (0.11 cfs)	Enlargement
U.W. 182140	Flying Saddle Well No. 2	06/12/2007	200 gpm (0.45 cfs)	Enlargement
U.W. 206257	Excel Development No. 1	09/16/2016	500 gpm (1.11 cfs)	

7.5 WATER STORAGE

The Alpine System after combining with North-Star Alpine has three storage tanks. One tank is a 250,000 gallon tank, another is a 500,000 gallon tank and the third is a 540,000 gallon tank.

7.5.1 ALPINE 250,000 GALLON TANK

Alpine's 250,000 gallon reinforced concrete cylindrical storage tank is located south of Town on the hillside. The property that the tank rests on is Forest Service property. The tank was constructed in 1996 and is in good condition. The tank is partially buried to protect it from freezing. The 250,000 gallon tank is at a higher elevation than the 500,000 gallon tank and feeds the upper pressure zone of the system. Water is delivered to this tank from the 500,000 gallon tank by a booster pump through a 6 inch diameter line. The booster pump is located just west of the wells on Greys River Road. The line is enlarged to an 8 inch line before dumping into the tank. The booster pump can feed the upper pressure zone and move water to the tank at the same time.

7.5.2 ALPINE 500,000 GALLON TANK

Alpine's 500,000 gallon concrete reinforced cylindrical storage tank is also located on Forest Service property on the hillside east of the 250,000 gallon tank. This partially buried tank was constructed in 1996 and is in good condition. Water is delivered to this tank from the wells through an 8-inch line. Water from this tank is gravity feed into the lower pressure zone of

the system through a 10-inch line. Water from the 500,000 gallon tank is also delivered to the 250,000 gallon tank through a 6-inch line that passes through a booster pump.

7.5.3 Former North Star Utility Tank

North Star Utility had one storage tank when acquired by Alpine. The 540,000 gallon cylindrical shaped steel tank is located on the hillside northeast of the Flying Saddle Development on Forest Service property (See **Figure 7.7** in the figures section). The tank was completed in 2007 and is in good condition. The tank stands completely above ground level and according to the system operator, Richard Sifton, the tank was susceptible to freezing during its first winter of operation in 2007-2008. Measures have been taken to minimize this possibility in the future. Water from the tank is gravity fed to the distribution system.

Table 7.5: Water Storage Summary

	Volume (gallons)	Type	Year Constructed
Alpine Tank	250,000	Concrete, Cylindrical	1996
Alpine Tank	500,000	Concrete, Cylindrical	1996
North-Star Tank	540,000	Steel, Cylindrical	2007
Total	**1,290,000**		

7.6 Service Connections

Each unit is anticipated to receive a 5/8" x 3/4" meter with 1" service line with dual check backflow prevention.

The default hazard classification as identified in Section 14 (i) (i) (B) of the Water Quality Rules and Regulations Chapter 12 will be followed; however, backflow prevention device will be determined upon development of the lot. If a reduced pressure principle device is required, the device must have certification by one of the following third parties:

- American Society of Sanitary Engineers (ASSE)
- International Association of Plumbing/Mechanical officials (IAPMO)
- Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California (USC-FCCCHR)

7.7 Water Service Connections to the Lakeview Outpost Addition

The townhome units are proposed to connect to the existing 6-inch waterline alongside HWY 89. A new waterline will connect to the 6-inch line at the southeast corner of the development and serve Units 1, 5 and 6. The meters for these units will be located just before the connection to the individual buildings. Another connection to the existing line will be located at the southwest corner of the

development. This waterline will follow the east side of the lot to serve units 2 through 4. Meters for units 2 through 4 are located on the east side of the units in the open space.

The proposed new connections to Lakeview Outpost Addition were modeled using a GIS based network analysis software (AquaTwin). **Figure 7.7** (figures section) illustrates the connection point of the Subdivision to the existing 6" waterline. The subdivision has a pressure of about 93 psi which will be adequate to supply the long service lines running to lots 1 and 2. No additional fire hydrants are proposed at this time, the nearest fire hydrant is located on the East Side of Star Lane, approximately 450 feet from the project location.

The modeling results (**Figure 7.8**) show that at Node J-126 near the Lakeview Outpost Addition the available fire flow is 2,651 gallons per minute while maintaining 20 psi in the remainder of the system. The model results also show that the 6-inch line will be able to deliver peak day demands at pressures over 90 psi (**Figure 7.8**) to the Proposed Development.

7.8 Summary

The Alpine water system will be able to meet the demands of the new Lakeview Outpost Addition both in terms of peak daily demand and required fire demands.

8.0 Planned Wastewater System

The proposed Development will include six mixed-use townhome units.

WDEQ Chapter 25, Section 5. Establishes design flows for given facilities summarized below in **Table 8.1** and **8.2** below

Table 8.1 WDEQ Residential Design Flow Rates

Table 1. Residential Design Flow Rates per Bedroom (gallons per day, gpd)[1]

1 bedroom	150
2 bedrooms	280
3 bedrooms	390
4 bedrooms	470
5 bedrooms	550
6 bedrooms	630

[1]An unfinished basement is considered two (2) additional bedrooms.
[2]The design flow shall be increased by eighty (80) gpd for each additional bedroom over six (6).

Table 8.2: WDEQ Non-Residential Wastewater Flow Rates

Table 2. Non-Residential Wastewater Design Flow Rates[1]

Facility	Unit	Flow (gallons/unit/day)
Airports	person	4
Apartment	bedroom	120
Automobile Service Station	vehicle served	10
Bars	seat	20
Bathhouses and swimming pools	person	10
Campgrounds (w/ toilets only)	person	25
Campgrounds (w/shower facility)	person	45
Church	person	4
Country Club	member	25
Day School, Office Building, Retail Store, Warehouse (no showers)	person	15
Hospital	bed	250
Industrial Building (sanitary waste only)	employee	20
Laundry (self-service)	machine	450
Mobile Home	bedroom	see table 1
Motel, Hotel, Resort	bedroom	140
Recreational Vehicle	each	100
Rest Home, Care Facility, Boarding School	bed	100
Restaurant	meal	10
Restaurant (kitchen waste only)	meal	6
Theater	seat	3

[1]Values shown in the above table are the typical flow rates from *Wastewater Engineering Treatment and Reuse*. Metcalf and Eddy. 2003.

The usage of Unit 1 is best defined as an apartment building. With a total of 12 bedrooms (6 units * 2 bedrooms per apartment unit). Unit 1 will have a flow of 240 gpd per each 2 bedroom apartment.

Units 2-4 will have a 2 bedroom "apartment" above each unit as well as commercial space (Retail store or equivalent) on the main floor. It is anticipated that each commercial unit will have an anticipated visitation of 10-20 person(s). Each unit will have a flow of 240 gpd (2 Br "apartment") plus an anticipated flow of 300 gpd from the commercial section of each unit.

Units 5 and 6 will have two office buildings per unit. Wastewater flows for an office building are determined by the persons in the building. A 1500 square foot office building could accommodate 10-15 persons and will have an anticipated flow of 225 gpd per office building.

Table 8.2: Wastewater Flow Rates

Unit #	Type of Units	WW flows (Gallons/unit/day)	Total Flow (GPD)
1	2 Bedroom Apartments (240 gpd/2 bed apartment) (6 apartments)	280	1,680
2-4	2-Bed Live/Work Units (240 gpd/ apartment + 15 gpd/customer)	(240+300)=540	1,620
5-6	Office Building (15 gpd/Person)	225	900
		Total Flow	4,200

The addition of these units will increase the daily flows by 4,200 GPD. The peak flow rate can be calculated as two times the average flow (12-hours) at 5.9 gpm. This flow rate is well below the 480 gpm capacity of the existing 8" sewer line. These flows will add to other downstream flows from the neighboring users but it is anticipated that the Town of alpine will have no difficulties with these additional flows.

The flows will ultimately reach the Town of Alpine WWTP on the south side of the Snake River. An existing 8" sewer main is located at the north edge of the property. All sewers are proposed to be 4" connections to the existing sewer line. Standard sewer connection details are shown in **Figure 8.1** (figures section). Lot owners will be responsible for proper installation and materials for sewer connections as approved by the Town of Alpine. The proposed addition will not require a sewer line extension. Units 1 through 4 will be able to connect directly to the existing sewer line via a new service saddle on the existing mainline. Units 5 and 6 will be connected to the existing sewer main by a shared 6" service line across the driveway and common area to connect to the sewer main via a 6" service saddle. Anticipated water and sewer connections are shown in **Figure 8.2**.

9.0 Points of Access and Traffic Volumes

This review of traffic impacts caused by the proposed development of the Lakeview Outpost Addition is based in part on data from the Wyoming Department of Transportation. It is intended to quantify daily trips from the development and the magnitude of those trips compared to existing traffic counts and roadway capacity guidelines. The road of primary interest is Main Street.

9.1 Background

The Lakeview Outpost Development is located in the central portion of Alpine. It is located alongside US HWY 89 just west of the intersection of HWY 89 and Star Lane. The area is proposed to develop

six townhome style lots for residential or commercial uses. **Figure 9.1** (figures section) shows the project area and illustrates the lot layout.

9.2 Current Traffic Counts

WYDOT Maintains Traffic Counts for US 89 South of Etna, which is the closest traffic count site on HWY 89 to the project location. Average monthly traffic levels were received from the WYDOT database for January traffic level and July levels for 2024. In January the Monthly average was 4,806 while in July it reached 8,808 vehicles per day (vpd). The peak hour PM traffic recorded for January was 624 and the peak hour traffic for July was 907 vpd . Peak Hour AM was lower at 561 and 664 for January and July respectively. We can see from these traffic trends that the traffic count is nearly doubled in the summer with the maximum peak hour values happening in the afternoon. Table 9.3.2 shows the 2024 WYDOT Traffic Count Data For US HWY 89 South of Etna.

Table 9.2 WYDOT 2019 Traffic Count Data For US HWY 89 South of Etna

WYDOT Traffic Count Data HWY 89 South of Etna		
	Jan-24	Jul-24
Average Daily Traffic		
MADT	4806	8808
AM Peak Hour	561	664
PM Peak Hour	624	907

9.3 Projected Development Traffic

The development will be built out in two phases. The first phase includes units 2-4 and is anticipated to begin construction in 2026 and be completed within 2026. Upon completion, residences are expected to be immediately occupied. Units 5 and 6 are proposed to be developed in 2031. Table 9.3.1 contains an estimate of occupied units.

Table 9.3.1 Projected Occupied Units

Projected Additional Occupied Dwelling Units	
2026	3
2028	3
2030	3
2032	5

The traffic out of the development and onto HWY 89 is projected to include four AM trips and six PM trips for residences and is projected to increase traffic on HWY 89 according to the following Table 9.3.3.trips are also doubled in the summer months to reflect traffic patterns observed

Table 9.3.2 Projected Development Traffic

Projected Additional Traffic Onto HWY 89			
Estimated Total Trips Generated By Development	AM Trips/Day PM Trips/Day	6 *Per Dwelling Unit* 8 *Per Dwelling Unit*	
		Total Projected Trips (Cars +Trucks)	
	Year	Jan	July
	2028	12	24
	2030	12	24
	2032	20	40
Projected % Increase over 2022 MADT Levels	2028	0.2%	0.3%
	2030	0.2%	0.3%
	2032	0.4%	0.5%

9.4 Capacity, Sight Distance, Stopping Distance and Access Spacing

9.4.1 HWY 89:

The Development at buildout will increase traffic on HWY 89 over present levels by adding about 0.5% more trips over 2024 levels. Fill in on existing lots and developments within the surrounding area will also add traffic volume, diluting the effect the development may have.

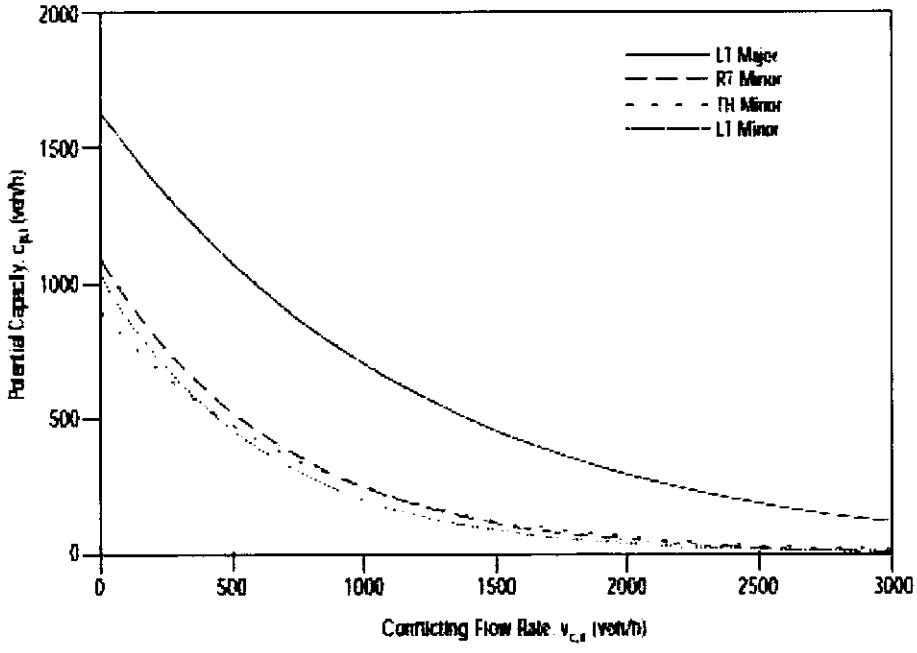
The following "Table 3-1 ADT Volumes below which MUTCD Signal Warrants Cannot be Met" is taken from the WYDOT Traffic Studies Manual. The values in the table indicate there will be no need for signalization or additional traffic measures at the intersections the development will use to enter HWY 89.

Table 3-1 ADT Volumes below which MUTCD Signal Warrants Cannot be Met

	Number of Lanes for Moving Traffic on Each Approach		Vehicles Per Hour on Major Street (Total of Both Approaches)		Equivalent ADT		Vehicles Per Hour on Higher Volume Minor Street Approach (One Direction Only)		Equivalent ADT	
	Major St.	Minor St.	100%	70%	100%	70%	100%	70%	100%	70%
Warrant 1 Condition A	1	1	500	350	**4,000**	**2,800**	150	105	**2,400**	**1,680**
	2 or more	1	600	420	**4,800**	**3,360**	150	105	**2,400**	**1,680**
	2 or more	2 or more	600	420	**4,800**	**3,360**	200	140	**3,200**	**2,240**
	1	2 or more	500	350	**4,000**	**2,800**	200	140	**3,200**	**2,240**
Warrant 1 Condition B	1	1	750	525	**6,000**	**4,200**	75	53	**1,200**	**848**
	2 or more	1	900	630	**7,200**	**5,040**	75	53	**1,200**	**848**
	2 or more	2 or more	900	630	**7,200**	**5,040**	100	70	**1,600**	**1,120**
	1	2 or more	750	525	**6,000**	**4,200**	100	70	**1,600**	**1,120**
Combination of Warrants 1A & 1B	1	1	600	420	**4,800**	**3,360**	120	84	**1,920**	**1,344**
	2 or more	1	720	504	**5,760**	**4,032**	120	84	**1,920**	**1,344**
	2 or more	2 or more	720	504	**5,760**	**4,032**	160	112	**2,560**	**1,792**
	1	2 or more	600	420	**4,800**	**3,360**	160	112	**2,560**	**1,792**

The following graph Exhibit 17-7 from the Highway Capacity Manual indicates the number of minor street turn movements that can be accomplished when turning onto a two-lane major street (HWY 89). As shown by the exhibit, even with much higher traffic volumes on HWY 89, there is still ample capacity for the traffic volumes generated by the proposed development at the HWY 89 access.

EXHIBIT 17-7. POTENTIAL CAPACITY FOR FOUR-LANE STREETS



9.4.2 Development Entrance/Exit:

The shared driveway can access directly onto HWY 89. This driveway is looped around units 5 and 6 and can be served from either direction. The looped access provides emergency ingress and egress to the lots. the shared driveway will not cause any issues with circulation.

9.4.2.1 Sight Distance

The Project access on HWY 89 occurs in a 35 MPH zone. This section of HWY 89 before and after the intersection are level with no obstructions in either direction.

The sight distances are over 1,000 feet and compare favorably with the WYDOT Traffic Studies Manual Table 6-2 which calls for 335 feet for a crossover or right turn maneuver and 390 feet for a left turn maneuver.

9.4.2.2 Stopping Sight Distance

The stopping sight distance recommended by the WYDOT Traffic Studies Manual for this 35-mph section of roadway is 390 feet (WYDOT Table 6-3). This section of the roadway offers good visibility in terms of vertical curvature. During dry conditions stopping sight distance meets Table 6-3 at this location.

9.5 Conclusions

In summary, the proposed project will be accessible via HWY 89. It will slightly increase traffic on HWY 89, however the impact will be minimal and diluted by other developments within the Town. No further improvements are recommended at this time.

10.0 Vehicular Circulation Plan

Vehicles within the development will enter and exit the subdivision directly onto HWY 89. The looping driveway will allow simultaneous entry and exit of the subdivision. Parking for individual lots are located as shown on the advance plat (**Figure 1.1**). The Proposed Lakeview Outpost Addition accesses directly to HWY 89.

11.0 Planned Storm Water Management

As described in the soils report the soils within the Development tend to be well drained offering the ability to manage storm water on-site.

The existing site is currently a gravel lot with two existing buildings. The ground slopes from the west to the east. The overall elevation change over the site is approximately 4 feet.

11.1 Design

The Town of Alpine requires that "water be managed without damage to surrounding properties". A common design standard is the 10-year, 24-hour storm. Storm runoff calculations were performed using the SCS Method using the Urban Hydrology for Small Watersheds (TR-55) manual created by the United States Department of Agriculture (USDA). The USDA-NRCS soil classification of the site is Hydrogeologic Soil Group "A" which is a well draining soil and results in a lower curve number. Precipitation/Frequency Data was found based on the National Oceanic and Atmospheric Administration (NOAA) Atlas 2 Volume II for Wyoming. **Table 11.1.1** below shows the estimated precipitation values for a given frequency and duration for the project site.

Table 11.1: Precipitation Values (in) for Given Frequency and Duration

Duration (min)	Return Interval					
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
5	0.12	0.21	0.23	0.29	0.33	0.36
10	0.19	0.32	0.36	0.45	0.52	0.55
15	0.24	0.41	0.46	0.57	0.66	0.70
30	0.34	0.57	0.63	0.79	0.91	0.97
60	0.42	0.72	0.80	1.00	1.15	1.23
120	0.49	0.79	0.90	1.10	1.26	1.37
180	0.55	0.85	0.99	1.19	1.36	1.50
360	0.70	1.00	1.20	1.40	1.60	1.80
720	0.85	1.20	1.40	1.70	2.00	2.20
1440	1.00	1.40	1.60	2.00	2.40	2.60

When evaluating a site for stormwater management, the expected runoff was identified to help in determining how much stormwater will need to be retained on site. We analyzed the site Pre-Development as well as post-development based on the proposed site plan accounting for building footprint and parking areas. The results can be found in the following sections.

11.2 Pre-Development

After evaluating the existing grade, the site was analyzed as one basin. The total site area that will contribute to stormwater runoff is 0.98 acres. The anticipated runoff during the 10-year, 24-hour storm in the pre-developed state is expected to be a runoff volume of 1742-cubic feet using the SCS Method as presented in the TR-55 Manual. A summary of the runoff can be seen below in **Table 11.2.1.** According to the TR-55 Manual, the site has three areas; open space with good condition grass with a curve number of 58, existing buildings assigned a curve number of 98 and the gravel drive assigned a curve number of 85. The existing site plane slopes to the southwest to direct the runoff in sheet flow to the southwest across the site.

Table 11.2.1 provides the total area of the drainage basin, areas of the various features and the corresponding curve numbers.

Table 11.2.1 Pre-Development Drainage Basin Summary

AREA #	DESCRIPTION	SF	ACRES	CN
1	Existing Buildings	5,732.00	0.13	98
2	Grass	20,500.00	0.47	61
3	Gravel Driveway	14,250.00	0.33	85
	TOTAL	**40,482.00**	**0.93**	**75**

Table 11.2.2 shows the estimated pre development runoff conditions.

Table 11.2.2 Pre-Development Runoff

LAKEVIEW OUTPOST ADDITION PRE-DEVELOPMENT TOTAL					
Storm Event (24-Hour)	**Sr (Retention)**	**P (in)***	**Qd (in)**	**Qd (ft)**	**Storage Volume (ft^3)**
100-year	1.76	2.60	1.259	0.105	4246
50-year	1.76	2.40	1.099	0.092	3709
25-year	1.76	2.00	0.795	0.066	2682
10-year	**1.76**	**1.60**	**0.516**	**0.043**	**1742**
5-year	1.76	1.40	0.390	0.032	1315
2-year	1.76	1.00	0.174	0.014	586

11.3 Post-Development

The slopes in each individual lot will flow toward the northeast corner of each lot. Drainage swales will be used to split the flows equally between the four lots. Grading on the future homes and construction will channel flow away from the buildings toward the southeast corner of the lot.

Drainage areas were calculated based on the footprint of the proposed and existing buildings, impervious paved areas and the landscaped areas.

Table 11.3.1 provides the total area of the drainage basins, areas of the various features and the corresponding curve numbers.

Table 11.3.1: Post Development Drainage Basin Summary

AREA #	DESCRIPTION	SF	ACRES	CN
1	Townhome Buildings	8,276.40	0.19	98
2	Grass/Landscaping	7,205.00	0.17	61
3	Paved Driveway	25,000.00	0.57	98
	TOTAL	**40,482.00**	**0.93**	**91**

Table 11.3.2 shows the estimated runoff post development conditions.

Table 11.3.2: Post Development Lot Runoff

LAKEVIEW OUTPOST ADDITION POST-DEVELOPMENT TOTAL					
Storm Event (24-Hour)	**Sr (Retention)**	**P (in)***	**Qd (in)**	**Qd (ft)**	**Runoff Volume (ft^3)**
100-year	0.94	2.60	1.73	0.14	5,824
50-year	0.94	2.40	1.55	0.13	5,209
25-year	0.94	2.00	1.19	0.10	4,003
10-year	**0.94**	**1.60**	**0.85**	**0.07**	**2,843**
5-year	0.94	1.40	0.68	0.06	2,289
2-year	0.94	1.00	0.38	0.03	1,261

*From NOAA Atlas 2

Comparing the 10-year volumes between **Tables 11.3.1 and 11.3.2** shows that one can expect about 1101 cubic feet of runoff difference as the lot is developed. The hydrograph shows this water will arrive at the points of concentration at a peak rate of about 96.15 gallons per minute or 0.21 cfs. The site will direct flows to a retention basin on the southwest portion of the site.

This volume of stormwater will be managed by the retention basin as shown on **Figure 11.3** (figures section). the retention basin will be 10 feet wide by 12 feet in length. The retention basin will have a grassy bottom and sides with a 4:1 slope to a depth of 12 to 20 inches. Installations in this soil type infiltrate more than 20 inches per hour. With a total area needed of about 120 square feet, the basin will meet peak flows by infiltrating up to 30 gpm.

The perimeter and sides of the constructed retention basin can be graded as lawn or grasses and shrubs. Flow from the road, each driveway and roof areas will be directed to the detention area. In addition, on the perimeter of the duplexes grassy areas will serve to buffer runoff and capture flows. The bottom of the swales can also be vegetated; however, care should be taken to ensure the soil in the bottom is granular and well drained similar to the native sub-surface soil. Importation of a clayey soil could create undesirable results with the storm water not being able to infiltrate in a rapid manner. It has been shown at other sites within this type of alluvium that the soil is capable of rapidly absorbing water at an initial rate of one inch per minute slowing to 20 inches per hour.

This absorption rate over the period of the storm will allow the basins to absorb the volume of water over the 24 hour period.

11.4 Snow Storage

Snow Storage will be provided as shown on the Site Drainage Plan and the preliminary plat from **Figure 1.1**. The lot sizes will provide plenty of space for snow storage.

11.5 Conclusion

Based on the above calculations, the site will be able to manage the 10-yr, 24-hour stormwater provided about 120 square feet of drainage basins with native material in the bottom are provided. These swales should be about 12 to 20 inches deep over the bottom with side slopes of about 4:1.

12.0 Landscaping Plan

Anticipated landscaping for this development will include grassy areas as well as low water demand landscaping such as gravel ground treatments and shrubs. In addition, the retention basin area and areas between the buildings is proposed for landscaping and trees.

13.0 Planned Easements

Each Unit will have an exclusive use of the Limited Common Element (LCE) that is designated for each unit. The General Common Element (GCE) will be shared between all units, the GCE includes the Driveway areas. The water and sewer lines are located on the front and back of the lot. Water and sewer lines will be located in the LCE and GCE areas as shown on the Plat (**Figure 1.1**).

There are no proposed easements through this development for access to or extension of the Town of Alpine community trail system.

14.0 Planned Covenants and Deed Restrictions

A draft of the planned covenants is in process. A copy will be delivered under separate cover.

Figures:

Figure 1.1: Proposed Plat for Lakeview Outpost Addition

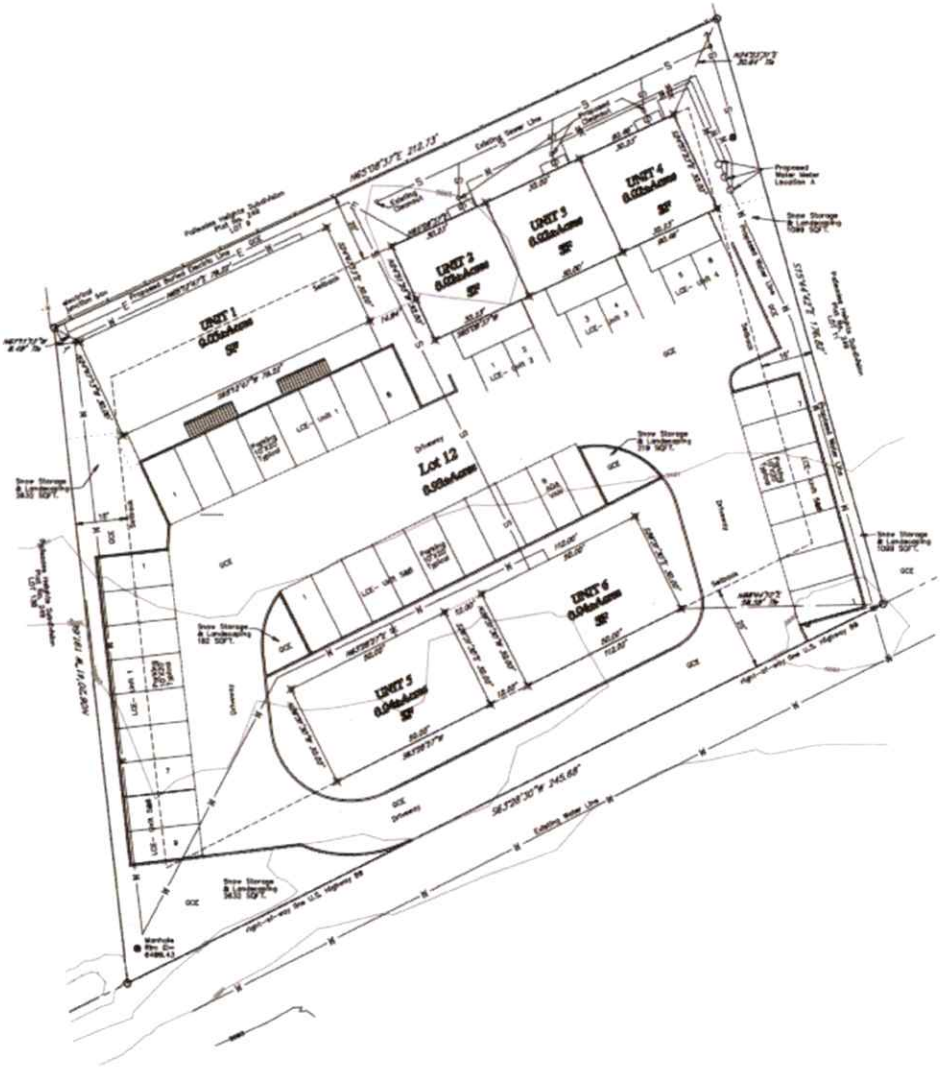


Figure 4.1: NRCS Soils Map



Figure 7.7 Alpine Water Model

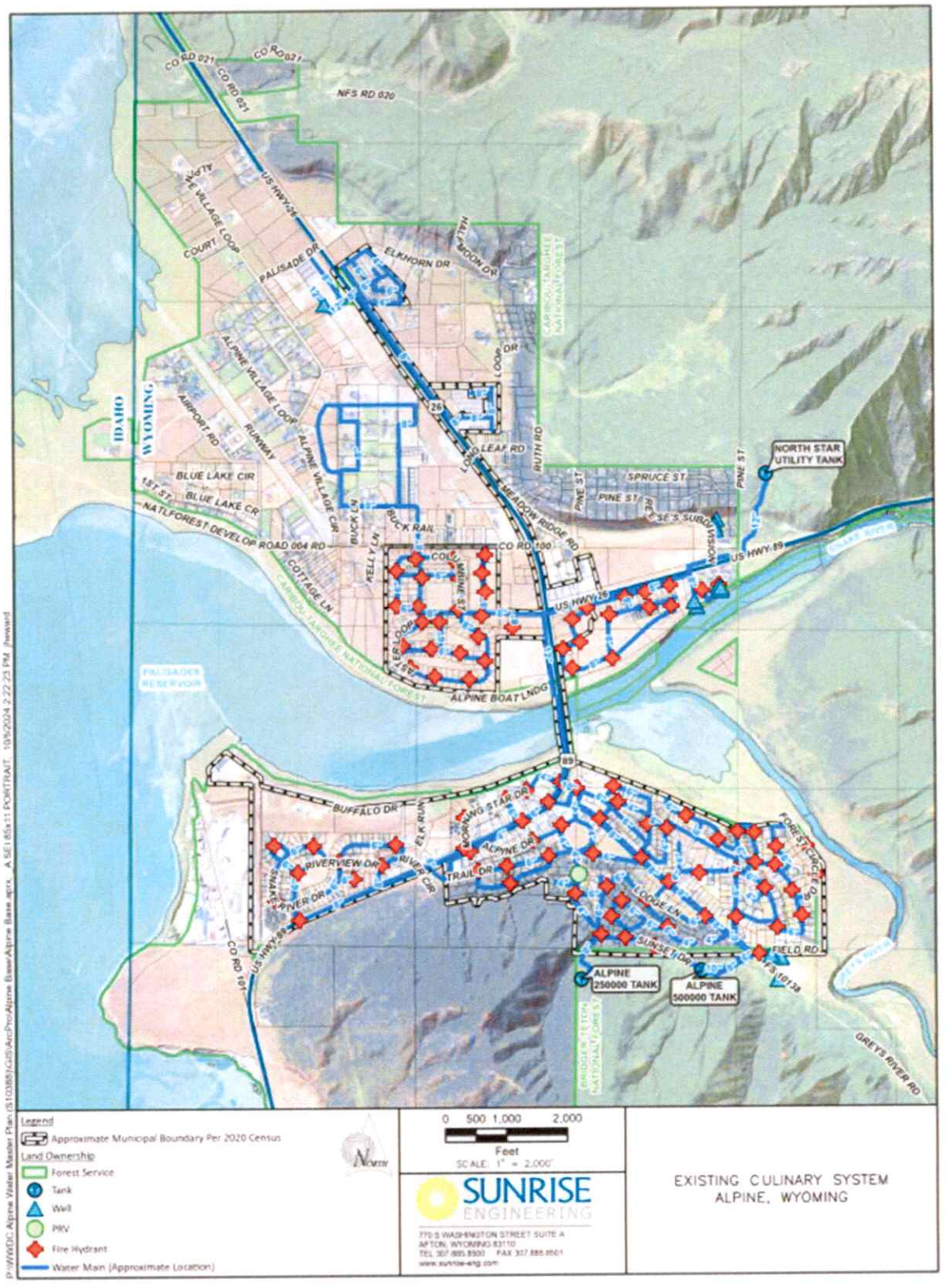


Figure 7.8: Water Model Results

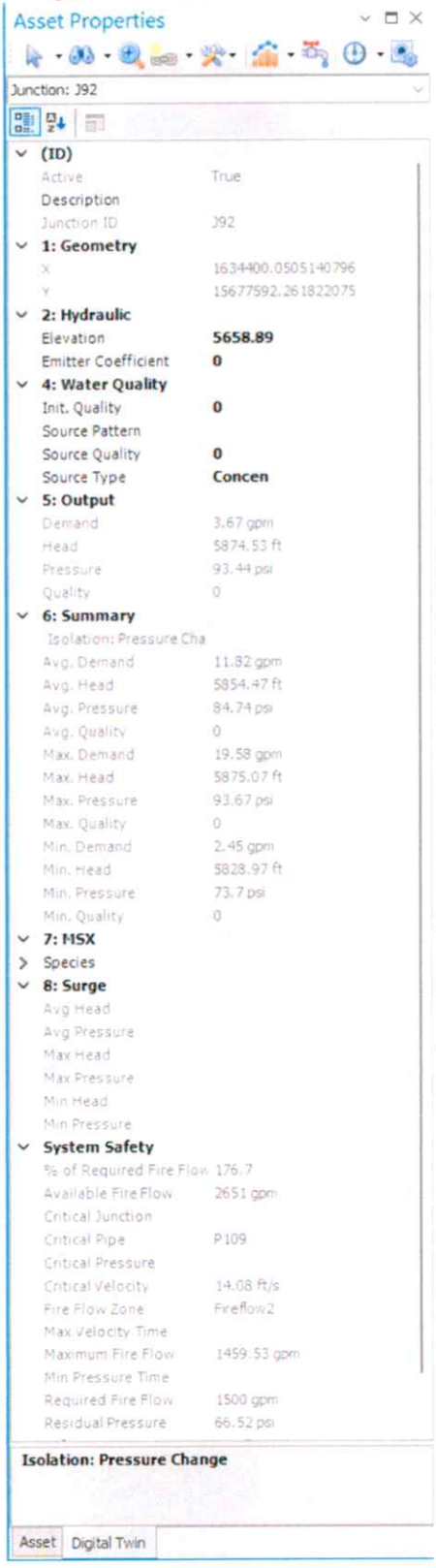
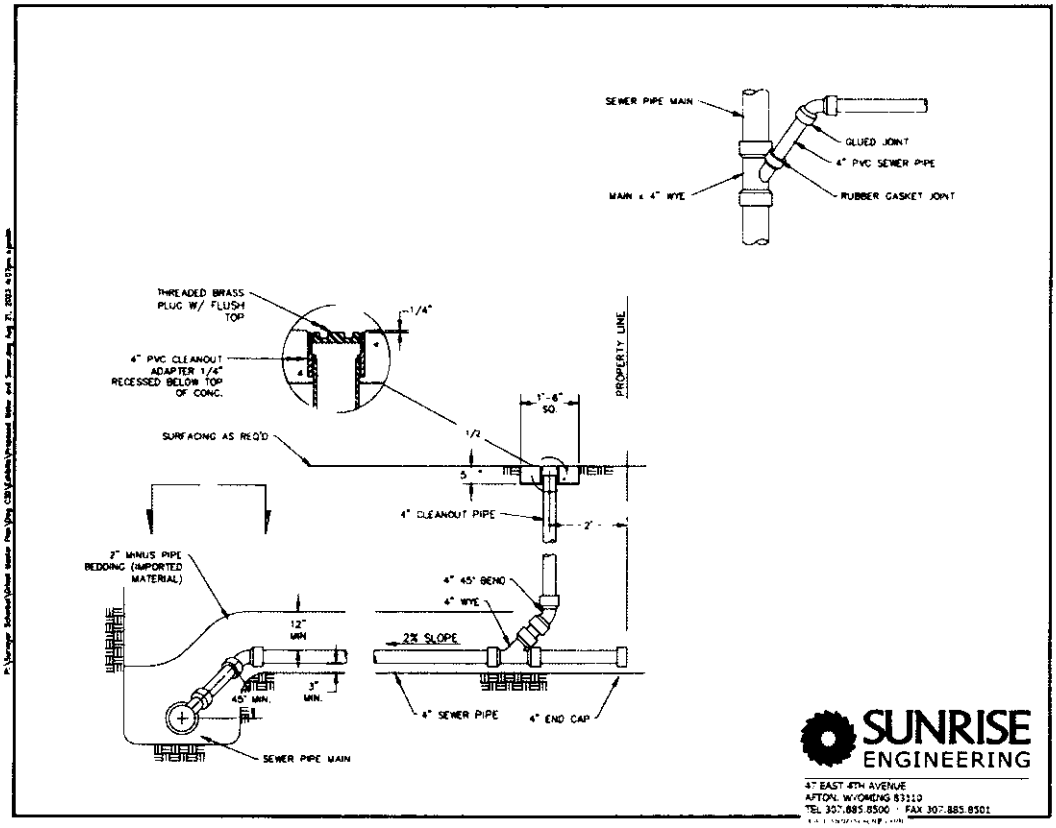


Figure 8.1 Sewer Connection Details



Figures:

Figure 1.1: Proposed Plat for Lakeview Outpost Addition

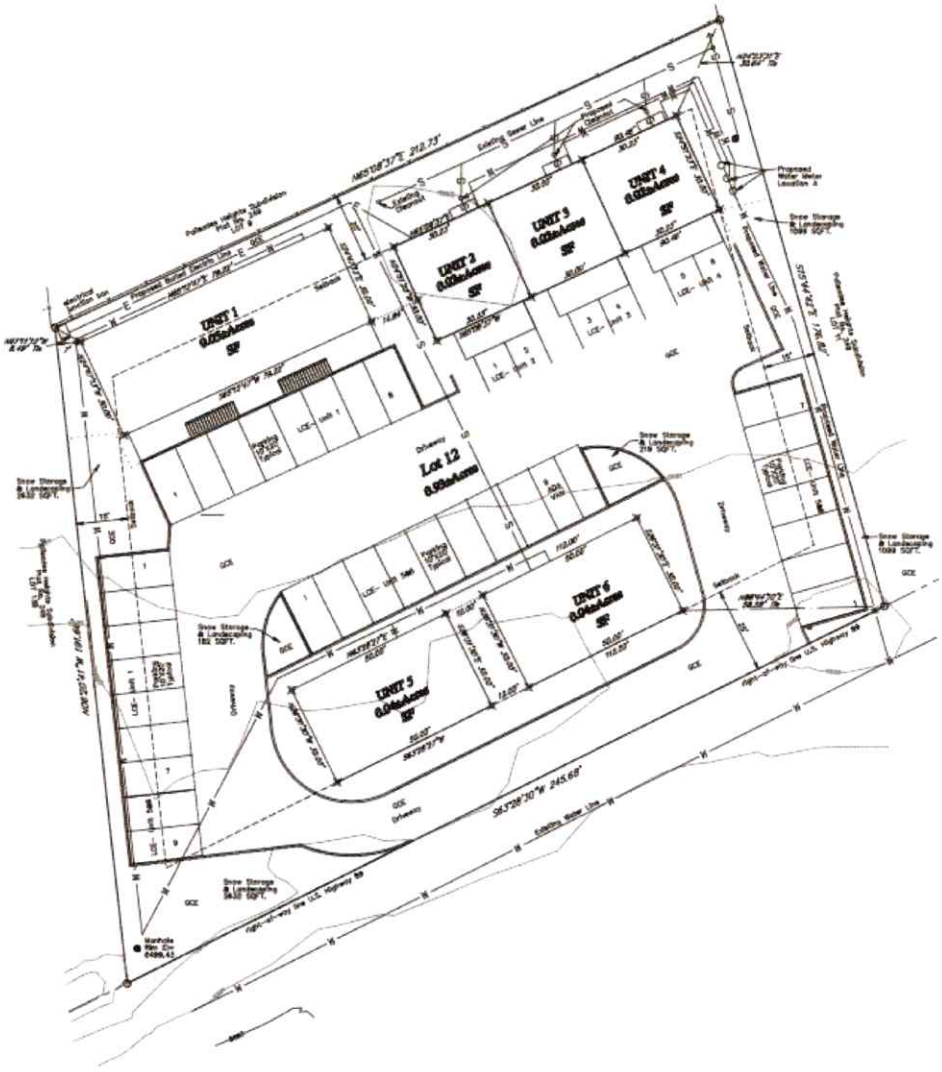


Figure 4.1: NRCS Soils Map



Figure 7.7 Alpine Water Model

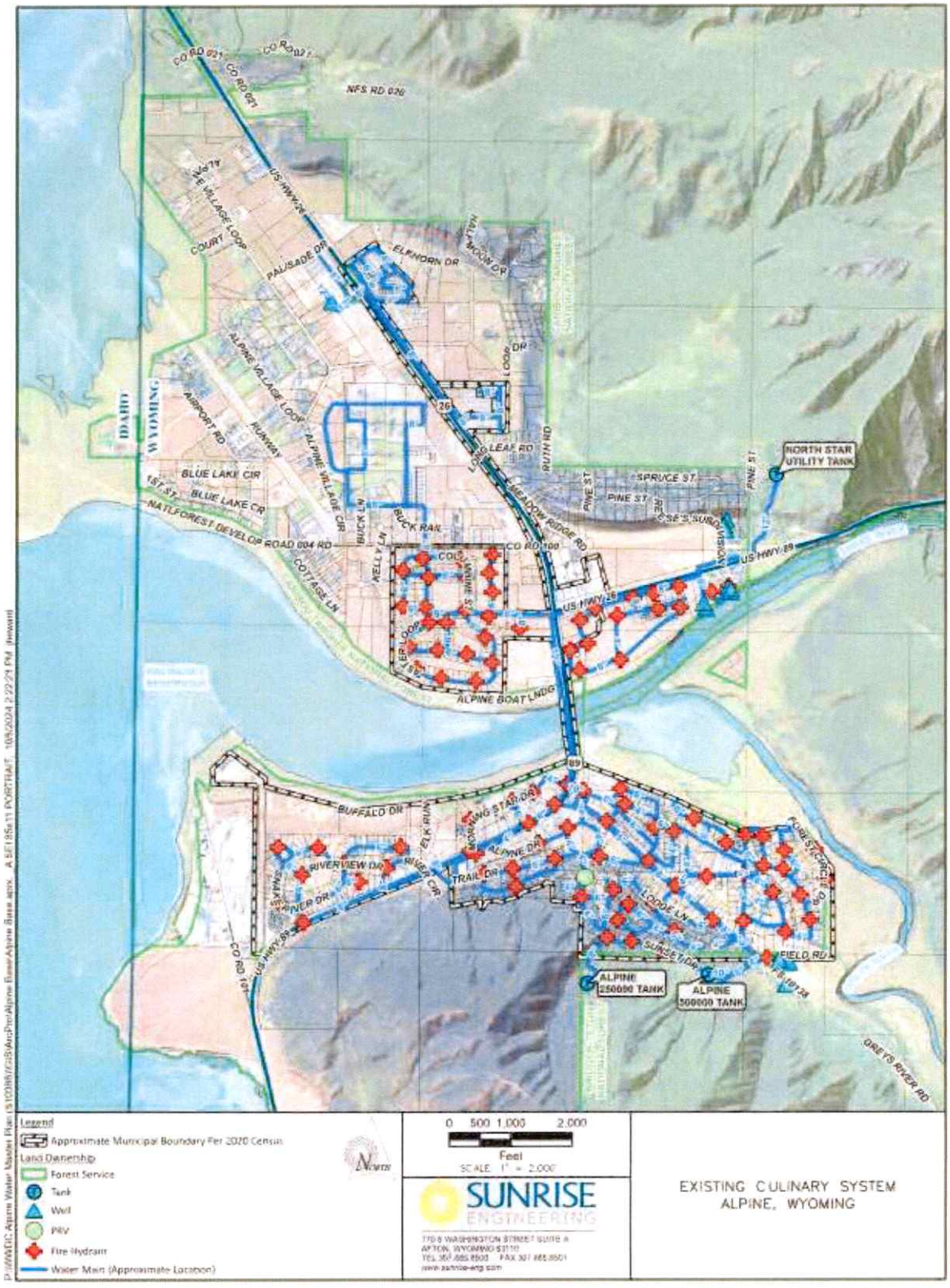


Figure 7.8: Water Model Results

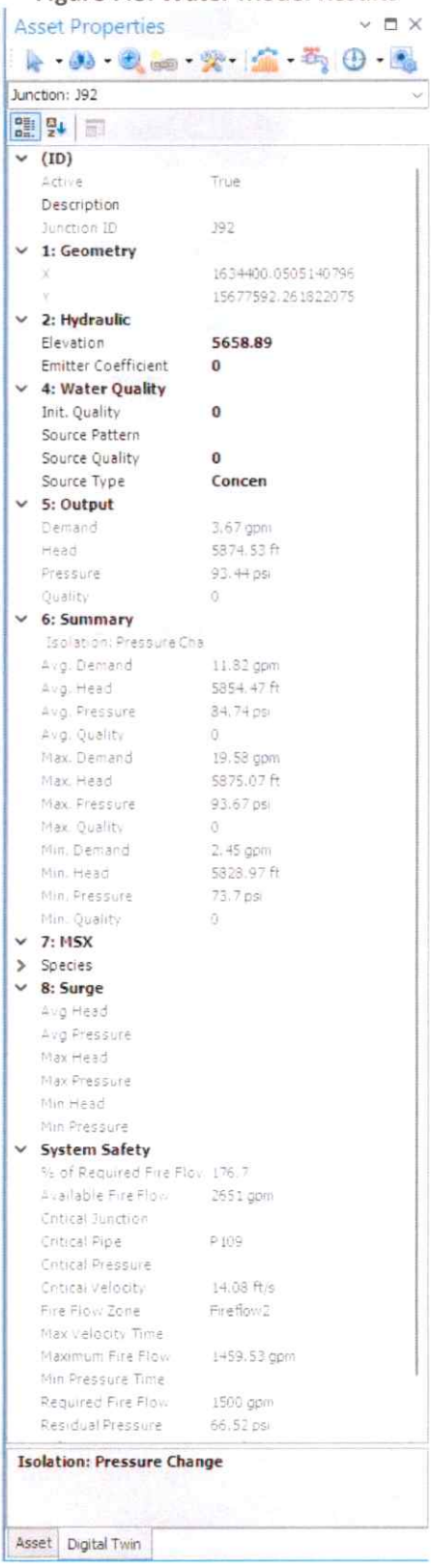
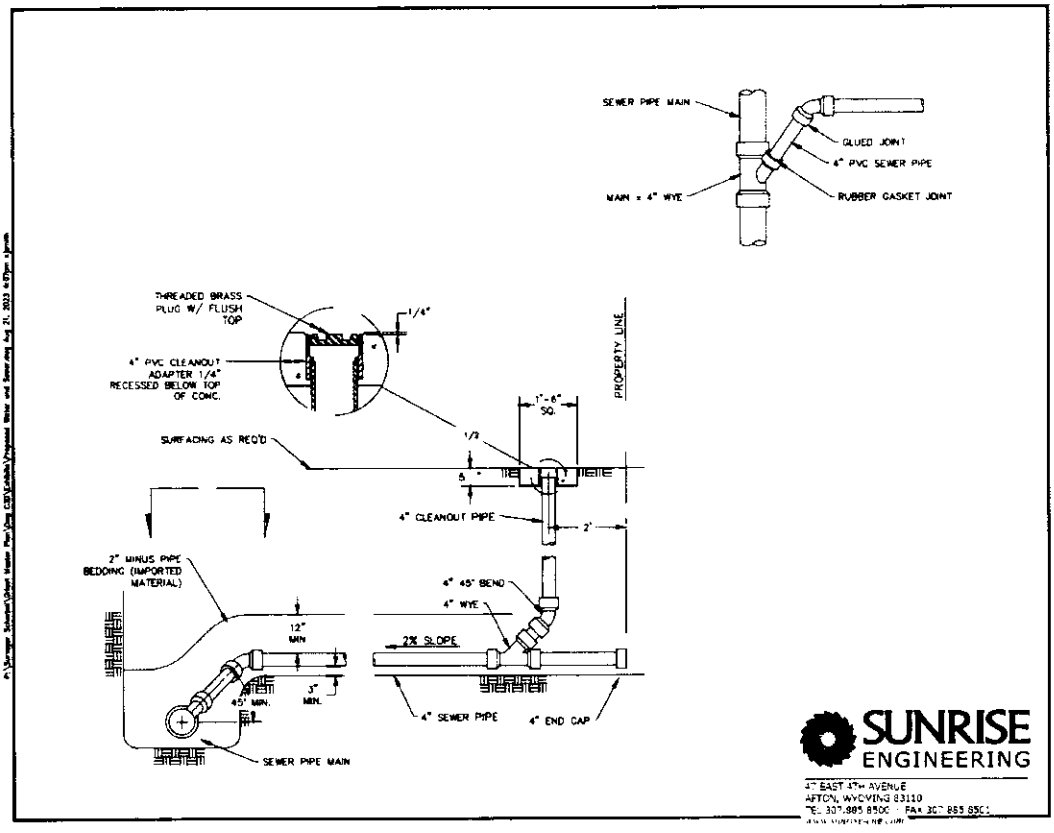
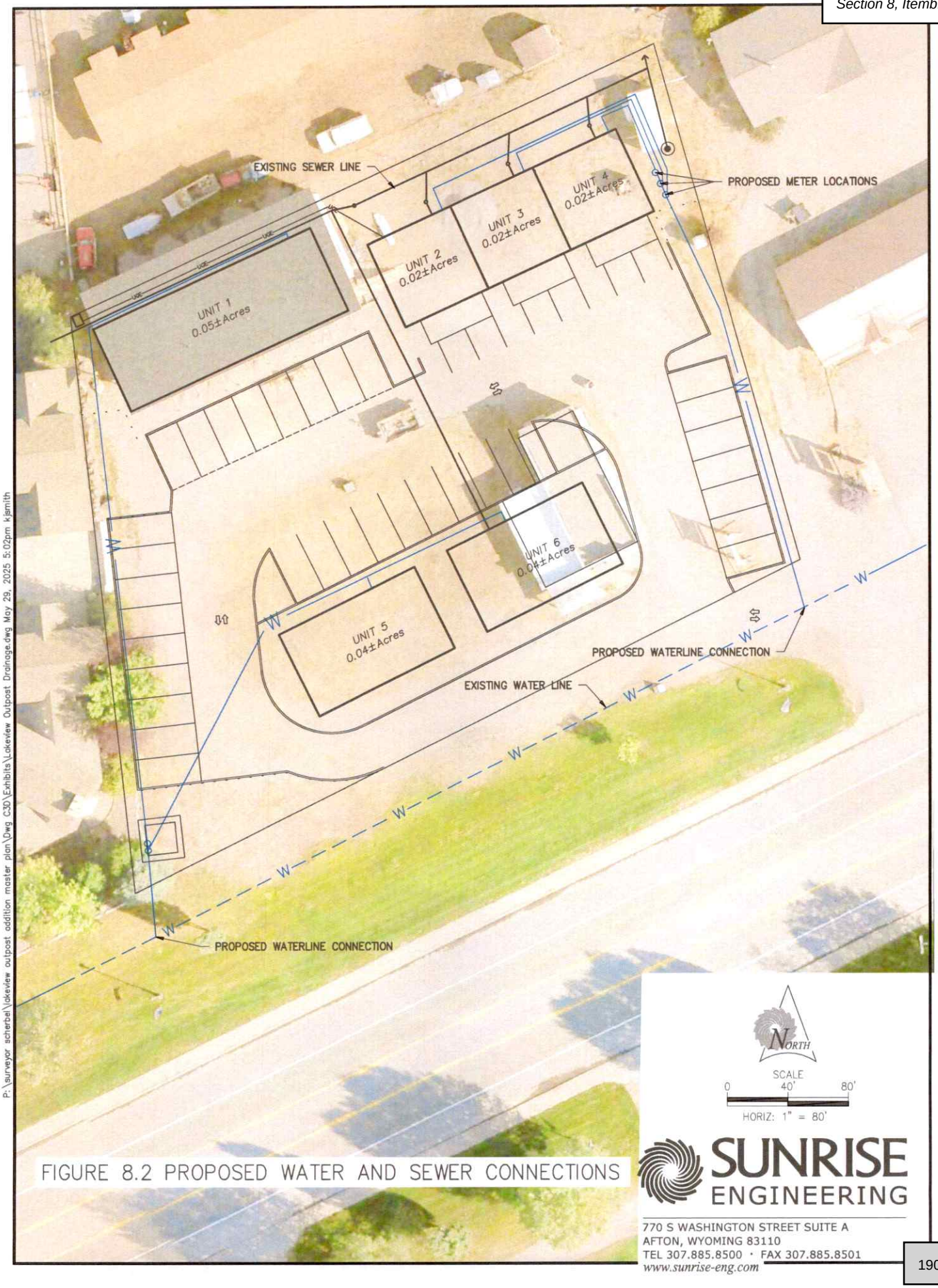


Figure 8.1 Sewer Connection Details

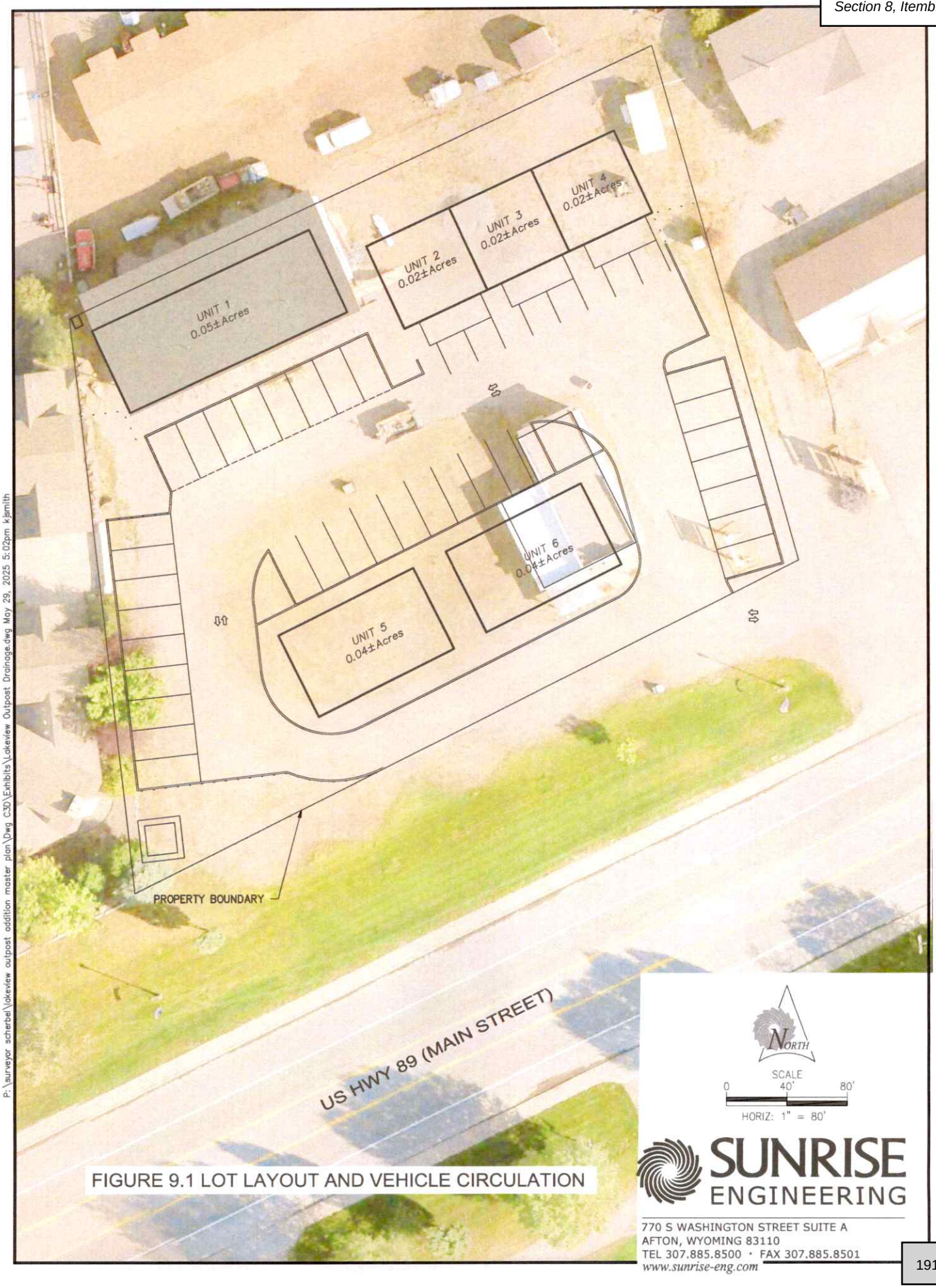




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FIGURE 8.2 PROPOSED WATER AND SEWER CONNECTIONS

SUNRISE ENGINEERING
770 S WASHINGTON STREET SUITE A
AFTON, WYOMING 83110
TEL 307.885.8500 · FAX 307.885.8501
www.sunrise-eng.com



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FIGURE 9.1 LOT LAYOUT AND VEHICLE CIRCULATION

NORTH

SCALE
0 40' 80'
HORIZ: 1" = 80'

SUNRISE ENGINEERING
770 S WASHINGTON STREET SUITE A
AFTON, WYOMING 83110
TEL 307.885.8500 · FAX 307.885.8501
www.sunrise-eng.com



P:\surveyor scherbel\lakeview outpost addition master plan\Dwg C3D\Exhibits\Lakeview Outpost Drainage.dwg May 29, 2025 5:02pm kjsmith

FIGURE 11.3 DRAINAGE PLAN AND SNOW STORAGE

NORTH

SCALE
0 40' 80'
HORIZ: 1" = 80'

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Date: 10/17/2025
To: Creative Properties, LLC
Attn: Dave Jenkins
160 Highway 89, Lot #12
Palisades Heights Subdivision
Alpine, WY 83128

Subject: Special Use Permit Application – Creative Properties, LLC

Dear Dave,

Following review of your Special Use Permit application for 160 Highway 89, Lot #12 of the Palisades Heights Subdivision, the Town has determined that the application will not be added to the Town Council agenda for the October 21, 2025 meeting.

This decision is based on concerns identified in the Planning and Zoning Administrator's supplementary recommendation—specifically, the lack of a Property Owners Agreement (POA) or similar mechanism outlining how common areas within the proposed development will be maintained, how associated costs will be shared among unit owners, and how future improvements will be managed.

To move forward, a complete POA, or similar document, addressing these items must be submitted and approved by the town before the project can be scheduled for Town Council consideration.

Please note the following submission deadlines:

- To make the November 4, 2025 Town Council meeting, the POA must be received no later than October 28, 2025.
- If that deadline cannot be met, the next available agenda date will be November 18, 2025, and the POA must be submitted no later than November 11, 2025.

We appreciate your attention to this matter and your cooperation in addressing the noted concerns. Please feel free to reach out if you have any questions or need additional clarification.

Sincerely,
Monica Chenault
Town Clerk
Town of Alpine

DK

Darin Kaufman<darin.kaufman@wyo.gov>

To: Gina Corson

Reply Reply all Forward

Thu 9/4/2025 11:33 AM

You forwarded this message on Thu 9/4/2025 1:32 PM

View conversation

Retention: Email 10 Year (10 years) Expires: Sun 9/2/2035 11:33 AM

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Thank you for the opportunity to comment on Creative Properties, LLC (Lakeview Outpost Addition) special use permit application.

WYDOT has no objections for the special use permit.

No new additional access to US 89 will be granted. It is assumed that the existing approach located near the southeast corner of Lot 12 will be used.

For any new utility construction within WYDOT right-of-way, the utility companies/owner shall obtain the necessary M-54 utility license via the new on-line permitting process, MainStar, located at https://usa.maintstar.co/Wyoming/Logon.aspx. Currently WYDOT requires any utility company needing access to the MainStar system to contact the local District Office for the license or permit, or to email dot.utilities@wyo.gov to set up your login credentials.

An M-21 permit is necessary for new utility connections to existing permitted utilities within WYDOT R/W.

WYDOT Utilities Section can be found at the following link:
http://www.dot.state.wy.us/home/engineering_technical_programs/utilities_section.html

DECLARATION OF COVENANTS, CONDITIONS, AND RESTRICTIONS OF THE ALPINE HEIGHTS ADDITION

This Declaration of Covenants, Conditions, and Restrictions of the Alpine Heights Addition (Declaration) is entered and made effective as of _____, 2025 (Effective Date) by Creative Properties, LLC, a Wyoming limited liability company (Declarant).

RECITALS

A. Declarant is the owner and developer of a certain approximately .93 acre parcel of real property located in Alpine, Wyoming (Lincoln County), which is more particularly described in Exhibit A, which is attached hereto and incorporated herein by reference (the Subject Property).

B. Declarant is developing the Subject Property into a mixed residential and commercial subdivision project known as the "Alpine Heights Addition," which will consist of townhomes, apartments, private roadways, various open space areas, general common areas, limited common areas, and amenities.

C. The purpose of this Declaration is to set forth the basic terms, covenants, conditions, easements, and restrictions (hereinafter collectively "Restrictions") that will apply to the entire development and use of all portions of the Subject Property. The Restrictions are designed to preserve the Subject Property's value, desirability, and attractiveness, and to guarantee adequate maintenance of the Common Area and the Improvements located thereon, as hereinafter defined.

ARTICLE ONE
DEFINITIONS

Section 1.01 Definitions

For purposes of this Agreement, the following terms have the following meanings.

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(a) Apartment

Apartment shall mean any Improvement on any Unit in which one Owner shares a Party Wall with the same Owner for another attached dwelling unit. Each Apartment sits on the same real property on which the footprint of such Unit on which the Apartment is constructed.

(b) Articles

Articles shall mean the Articles of Incorporation of the Association, including any restatements or amendments thereto.

(c) Assessments

Assessments shall mean those payments imposed by the Association and required of Members, including without limitation Regular Assessments, Special Assessments, and Limited Assessments.

(d) Association

Association shall mean and refer to the Alpine Heights Owners Association Inc., a non-profit corporation to be organized under the laws of the State of Wyoming, and its successors and assigns.

(e) Board

Board shall mean the Board of Directors or other governing board or individual, if applicable, of the Association.

(f) Bylaws

Bylaws shall mean the Bylaws of the Association, including any restatements or amendments thereto.

(g) Common Area

Common Area shall mean any or all of the parcels of Common Area, including without limitation the private street or drives, parking area or drives, common open space, sidewalks, bicycle paths, curbs, landscaping, wall, hedges, plantings, trees, vegetation, common landscaped areas, storage facilities, recreational facilities, and other amenities and facilities. Common Area includes the Limited Common Area, except that Limited Common Areas are for the exclusive use of the Unit to which they are designated on the Plat.

(h) Declarant

Declarant shall mean Creative Properties, LLC, a Wyoming limited liability company.

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(i) Declaration

Declaration shall mean this Declaration of Covenants, Conditions, and Restrictions of the Alpine Heights Addition, as depicted on the Plat (defined below) as it may be amended from time to time.

(j) Expenses

Expenses shall mean all costs and expenses incurred by the Association for the conduct of its affairs, including without limitation legal and other professional fees; the costs and expenses of the Landscape Maintenance Obligations and Exterior Maintenance Obligations; the costs and expenses of construction, improvement, protection, maintenance, repair, management, and operation of the Common Area, Limited Common Area, including all Improvements located on such areas owned and/or managed and maintained by the Association; and an amount allocated to an adequate reserve fund to be used for repairs, replacement, maintenance, and improvement of those elements of the Common Area and Limited Common Area that must be replaced and maintained on a regular basis.

(k) Exterior Maintenance Obligations

Exterior Maintenance Obligations shall mean the obligations of the Association for the exterior maintenance of all Improvements, as set forth in Section 3.03(a).

(l) Improvement

Improvement shall mean any structure, facility, or system, or other improvement or object, whether permanent or temporary, which is erected, constructed, or placed upon, under, or in any portion of the Subject Property, including without limitation buildings (including Apartments and Townhomes), fences, streets, drives, driveways, sidewalks, curbs, landscaping, signs, lights, street lights, mailboxes, electrical lines, pipes, pumps, ditches, and fixtures of any kind whatsoever.

(m) Landscape Maintenance Obligations

Landscape Maintenance Obligations shall mean the obligations of the Association for common landscaping on the Units, Townhome and Apartment exteriors, Common Area, and Limited Common Area as set forth in Section 3.02.

(n) Limited Assessment

Limited Assessment shall mean a charge against a particular Owner that is directly attributable to the Owner and equal to the cost incurred by the Association for corrective action performed pursuant to the provisions of this Declaration, including interest thereon as provided in this Declaration.

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(o) Limited Common Area

Limited Common Area shall mean those Common Areas designated as a Limited Common Element (LCE) on the Plat, which shall be for the exclusive use of an Owner or Owners to the exclusion, limitation or restriction of other Persons. Limited Common Area may be established from time to time by the Declarant or the Association on any portion of the Property by describing or depicting such area on the Plat, by granting or reserving it in a deed or other instrument, or by designating it as such in this Declaration.

(p) Unit

Unit shall mean a Unit within the Subject Property as specified or shown on the Plat upon which Improvements may be constructed. Units shall not include any Common Area or Limited Common Area.

(q) Member

Member shall mean each Person entitled to membership in the Association as provided herein.

(r) Owner

Owner shall mean the record owner, whether one or more Persons, holding fee simple interest of record to each Unit located on the Subject Property, including contract buyers and owners of any beneficial interest, but excluding those having such interest merely as security for the performance of an obligation.

(s) Party Wall

Party Wall shall mean the common wall(s) between two Townhomes or two Apartments erected for the common benefit, support, and convenience of the two Townhomes or Apartments that share such Party Wall(s).

(t) Person

Person shall mean any individual, partnership, corporation, or other legal entity.

(u) Plat

Plat shall refer to the recorded final subdivision plat of Alpine Heights Addition, recorded as _____ on _____, 2025, in the office of the Lincoln County Clerk, Wyoming, as amended from time to time.

(v) Regular Assessment

Regular Assessment shall mean the portion of the cost of maintaining, improving, repairing, managing, and operating the Common Area and Limited Common Area, and all Improvements located thereon, the cost of the Exterior Maintenance Obligations and the Landscape Maintenance Obligations, and the other costs of the Association, which is to be levied against each Unit and paid by each Owner to the Association, pursuant to the terms of this Declaration.

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Costs associated with Limited Common Area will only be assessed against those Units that are benefitted by such Limited Common Area.

(w) Restrictions

Restrictions shall mean the terms, covenants, conditions, easements, and restrictions that will apply to the entire development of the Alpine Heights Addition and use of all portions of the Subject Property.

(x) Shared Driveway

Shared Driveway shall mean any cross access driveway easement and Improvements shared between two or more Townhomes or Apartments.

(y) Special Assessment

Special Assessment shall mean the portion of the costs of the capital improvements or replacements, equipment purchase and replacements, or shortages in the Regular Assessment that are authorized by the Board and to be paid by each Owner to the Association, pursuant to the terms of this Declaration.

(z) Subject Property

Subject Property shall mean the approximately .93 acre parcel of real property located in the Town of Alpine, Wyoming, as more specifically described in Exhibit A attached hereto, and including each Unit, the Common Area, the Limited Common Area, and each parcel and portion thereof and interest therein.

(aa) Townhome

Townhome shall mean any Improvement on any Unit in which one Owner shares a Party Wall with another Owner in another attached dwelling unit. Each Townhome includes the real property on which the footprint of such Townhome is constructed. Each Townhome is depicted as a discrete subpart to each Unit depicted on the Plat. Unit #1 as depicted on the Plat will consist of multiple Apartments all owned by the same Owner of Unit #1.

ARTICLE TWO
DECLARATION; SUBMISSION OF SUBJECT PROPERTY

Section 2.01 Declaration

Declarant declares that the Subject Property is and shall be held, sold, conveyed, encumbered, hypothecated, leased, used, occupied, and improved subject to the Restrictions, all of which are declared and agreed to be in furtherance of a general plan to protect, maintain, improve, and enhance the value, desirability, and attractiveness of the Subject Property.

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The Restrictions set forth herein shall run with the Subject Property, and shall be binding upon and inure to the benefit of all persons having or acquiring any right, title, or interest in the Subject Property or any portion thereto, including any interest in any Unit, as hereinafter defined.

Section 2.02 Declarant's Rights

No provision of this Declaration shall be construed as to prevent or limit 1) Declarant's right to complete development of the Subject Property and to construct Improvements thereon; 2) Declarant's right to maintain model Townhomes; construction, sales, or leasing offices; or similar facilities on any portion of the Subject Property, including the Common Area or any public right-of-way; or 3) Declarant's right to post signs incidental to construction, sales, or leasing on the Subject Property.

ARTICLE THREE
GENERAL AND SPECIFIC RESTRICTIONS

Section 3.01 Structures – Generally

All structures are to be designed, constructed, and used in such a manner as to promote compatibility between the types of use contemplated by this Declaration.

(a) No Accessory Structures

Detached accessory structures shall not be allowed on the Subject Property.

(b) Exterior of Improvements

No change shall be made in the color of paint, stain, or other exterior finish to an Improvement, including Townhomes and Apartments, without prior written approval by the Board. No fence erected by any Owner other than initially constructed by Declarant shall be allowed, except as approved by the Board.

The visual harmony and aesthetic appeal of the structures on the Subject Property is of mutual concern to all Owners and has a direct bearing on the value of Units and Improvements, including Townhomes and Apartments. Accordingly, the Board shall have the right to 1) control the texture, design, and color scheme of the outside walls, fences, roofs, and patio roofs of all structures erected upon Units; and 2) require landscaping on Units.

The Association shall maintain the exterior portions and roofs of all Units, including any patios or balconies appurtenant to a Townhome or Apartment.

(c) Location on Unit

Unless otherwise specifically approved in writing by the Board, all Improvements (exclusive of fences and similar structures) shall be placed within the footprints for each Unit depicted on the Plat. All utility facilities and/or systems used in connection with a Unit shall be placed underground. All fencing shall be approved by the Board. No fence or wall shall interfere with

the use and enjoyment of any easement shown on the Plat. No fence, wall, hedge, high planting, obstruction, or barrier shall be allowed that would unreasonably interfere with the use and enjoyment of neighboring Units and the private street, and shall not be allowed if the same constitute an undesirable, noxious, or nuisance effect upon neighboring Units.

Section 3.02 Landscaping

Declarant or the Board, as the case may be, shall adopt guidelines regulating landscaping permitted and required on the Units. The Association shall maintain, repair, and replace in clean and safe condition the grounds all exterior landscaping on the Common Area, including without limitation sprinklers and sprinkler systems, trees, shrubs, flowers, grass, and groundcover, as necessary (hereinafter the "Landscape Maintenance Obligation").

Section 3.03 Exterior Maintenance and Repair

(a) Association Obligations

The Association shall be responsible for maintaining the exterior surfaces of all Improvements. The exterior maintenance shall include the following, without limitation: painting, staining, restaining, repairing, replacing and caring for all exterior surfaces, including stucco, siding, roofs, and exterior portions of doors; and maintaining, repairing, and replacing rain gutters and downspouts (hereinafter the "Exterior Maintenance Obligation"). The Exterior Maintenance Obligation does not include the following, all of which shall remain the responsibility of the respective Owner: 1) maintaining, repairing, replacing, or cleaning of glass, windows, window casements, sashes, and frames (other than exterior painting or staining of the same) of a Unit; 2) maintaining, repairing, or replacing awnings of a Unit; or 3) maintaining or repairing (including removing snow therefrom) walkways to and from Units.

(b) Owner Obligations

Each Owner shall be responsible for maintaining, repairing, replacing, and caring for the interiors of the Owner's Townhome and Apartments, including without limitation maintaining, repairing, replacing, and caring for electrical wiring and fixtures, plumbing pipes and conduits, all fixtures and appliances, air conditioning, heating, disposal systems, interior fire protection systems, glass panes and windows, hardware, and replacement of light bulbs in connection with lights attached to the exterior surfaces of the Unit. In the event that any maintenance or repair is performed by the Association that is required because of the willful or negligent act of an Owner, the Owner's family members, tenants, guests, or invitees, the cost of such maintenance and repair shall be reimbursed by such Owner to the Association and/or the Association may assess the cost of the same against such Owner and such Unit as a Limited Assessment and shall create a lien against such Unit enforceable in the same manner as other Assessments set forth in Article Six of this Declaration. All damage to any Improvements shall be repaired as promptly as is reasonably possible.

Each Owner shall be responsible for keeping the Limited Common Areas designated for the exclusive use of their Unit clean, tidy, neat, and sightly, and generally caring for the same. Each Owner shall notify the Association of any unsafe condition existing in, on or around the Limited Common Area. In addition, nothing unsightly, in the reasonable discretion of the Board, shall be kept on any Limited Common Area.

Any event or condition in connection with a Unit that, in the sole discretion of the Board, creates an unsightly or blighting influence, shall be corrected, removed, or obstructed from public view, as the case may be, by the Owner of the Unit, notwithstanding the fact that such event or condition may not be specifically described and/or prohibited in this Declaration.

In the event that any Owner 1) permits any Improvement that is the responsibility of that Owner to maintain to fall into disrepair so as to create a dangerous, unsafe, overgrown, weed-infested, unsightly, or unattractive condition, or 2) damages property or facilities on or adjoining that Owner's Unit that would otherwise be the Association's responsibility to maintain, the Board, upon fifteen days' prior written notice to the Owner of such Unit, shall have the right to correct such condition, and to enter into such Owner's Unit for the purpose of doing so, and such Owner shall promptly reimburse the Association for the cost thereof. Such cost shall be a Limited Assessment and shall create a lien against such Owner's Unit enforceable in the same manner as other Assessments set forth in Article Six of this Declaration. The Owner of the offending Unit shall be personally liable, and such Owner's Unit may be subject to a mechanic's lien for all costs and expenses incurred by the Association in taking such corrective acts, plus all costs incurred in collecting the amounts due.

Section 3.04 Antennae

No exterior radio antenna, television antenna, satellite dish antenna, or other antenna of any type shall be erected or maintained on the Property unless it is located or screened in a manner acceptable to the Board. Without limiting the foregoing, small satellite dishes may be installed on any Unit so long as such satellite dish is installed on the back of such Improvement and is not visible from any road or street, unless otherwise approved by the Board.

Section 3.05 No Temporary Structures

No house trailer, mobile home, tent (other than for short term individual or visitor use), shack, or other temporary building, improvement, or structure shall be placed upon any portion of the Subject Property, except temporarily as may be required by construction activity undertaken on the Subject Property, and only following approval by the Board.

Section 3.06 No Unscreened Boats, Campers, or Other Vehicles

No dilapidated or unsightly vehicles or similar equipment, as determined in the reasonable discretion of the Board, shall be placed upon any portion of the Subject Property (including without limitation streets, parking areas, and driveways). Further, no boats, trailers, campers, or all-terrain vehicles shall be stored on the Subject Property.

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Section 3.07 Unsightly Articles; Nuisances

No unsightly articles shall be permitted to remain outside any Unit so as to be visible from any other portion of the Subject Property. No rubbish or debris of any kind shall be placed or permitted to accumulate anywhere upon the Subject Property, and no odor shall be permitted to arise therefrom so as to render the Subject Property or any portion thereof unsanitary, unsightly, offensive, or detrimental to the Subject Property or to its occupants, or to any other property in the vicinity thereof or to its occupants. All refuse, garbage, and trash shall be kept at all times in covered, reasonably noiseless containers, which shall be kept and maintained within an enclosed structure appropriately screened from view, except when necessarily placed for pickup by garbage removal services. No noise or other nuisance shall be permitted to exist or operate upon any portion of the Subject Property so as to be offensive or detrimental to the Subject Property or to its occupants or to other property in the vicinity or to its occupants. No building materials of any kind shall be placed or stored outside a Unit until the Owner of the Unit, or that Owner's builder, is ready and able to commence construction.

Section 3.08 No Hazardous Activities

No activities shall be conducted on the Subject Property, and no Improvements constructed on any Unit, Common Area, or any other portion of the Subject Property, that are or might be unsafe or hazardous to any person or property.

Section 3.09 Exterior Energy Devices

No energy production devices, including without limitation generators of any kind and solar energy devices, shall be constructed or maintained on any Unit without the prior written approval of the Board.

Section 3.10 Animals/Pets

No pets, dogs, cats, animals, birds, insects, pigeons, poultry, or livestock shall be kept on the Property, except as permitted under applicable federal, state, or municipal law. In the event a service animal is required to be kept under applicable law, chronic barking or similar sounds by such animall shall be considered a nuisance. Service animals shall be kept on a leash, curbed, and otherwise controlled at all times and shall be kept in compliance with all applicable state and local laws and ordinances. All service animal owners shall immediately clean up any pet waste from any Common Area. Failure to do so may result, at the Board's discretion, in a Limited Assessment levied against such animal owner or Owner of the Unit where such animal or animals are being kept.

Section 3.11 Drainage

Grading for Units shall be kept to a minimum and Improvements are to be located for preservation of the existing grades or berms that are an integral part of the grade design. The Units must be

graded to provide positive flow of said drainage to the street. Drainage shall comply with applicable law.

Section 3.12 Signs

No sign of any kind shall be displayed to the public view without the approval of the Board except: 1) such signs as may be used by Declarant in connection with the development of and sale or lease of Units; 2) informational signs of customary and reasonable dimensions as prescribed by the Board and displayed in the Common Area; 3) one sign of customary and reasonable dimensions, as determined by the Board, displayed by an Owner of a Unit outside said Unit advertising the Unit for sale or lease; or 4) any sign required by Alpine, Wyoming. No sign shall be placed on the Common Area without written approval of the Board.

Section 3.13 Insurance Rates

Nothing shall be on or kept on any Unit or at any Townhome or Apartment that may increase the rate of insurance on any other portion of the Subject Property without the written approval of the Association, nor shall anything be done or kept on any Unit or at any Townhome or apartment that would result in the cancellation of insurance on any property owned or managed by the Association.

Section 3.14 No Further Subdivision

No Unit shall be further subdivided. Nothing herein shall be deemed to prevent an Owner from transferring or selling any Unit to more than one person to be held between them as tenants in common, joint tenants, or community property.

Section 3.15 Exemption of Declarant

Nothing contained herein shall limit the right of Declarant to 1) subdivide or re-subdivide any portion of the Subject Property; 2) grant licenses; 3) reserve rights-of-way and easements with respect to the Common Area to utility companies, public agencies, or others; 4) complete excavation, grading, and construction of Improvements to and on any portion of the Subject Property owned by Declarant; 5) alter construction plans and designs; or 6) construct such additional Improvements as Declarant deems advisable in the course of development of, so long as any Unit remains unsold.

Section 3.16 Adoption of Rules

The Association, through its Board, may adopt reasonable rules consistent with this Declaration relating to 1) the use of the Common Area and all facilities thereon, and 2) the conduct of Owners, their family members, tenants, invitees, and guests with respect to the Subject Property and other Owners.

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ARTICLE FOUR
ASSOCIATION, MEMBERSHIP, AND BOARD

Section 4.01 Organization of Association

The Association is or shall be incorporated under the name Alpine Heights Owners Association Inc. as a Wyoming nonprofit corporation under the Wyoming Nonprofit Corporation Act. The Association shall have the duties, powers, and rights set forth in this Declaration, the Articles, and the Bylaws. The Board shall manage the affairs of the Association, as more fully provided in this Declaration, the Articles, and the Bylaws.

Section 4.02 Interpretation of Conflicts

Neither the Articles nor the Bylaws shall be amended or otherwise changed or interpreted so as to be inconsistent with this Declaration. To the extent any provision in the Articles or the Bylaws conflict with any provision of this Declaration, this Declaration shall control.

Section 4.03 Association Membership

Each Owner, by virtue of being an Owner and for so long as such ownership is maintained, shall be a Member of the Association. The memberships in the Association shall not be transferred, pledged, assigned, or alienated in any way except upon the transfer of an Owner's interest in a Unit, and then only to the transferee of such interest. Any attempt to make a prohibited membership transfer shall be void and shall not be reflected on the books of the Association. In the event a transferring Owner of any interest in a Unit should fail or refuse to transfer the membership associated with the Unit to the transferee of the Unit, the Association shall have the right to record the transfer upon its books and thereupon the old membership outstanding in the name of the transferor Owner shall be null and void.

Section 4.04 Voting Rights of Members

The Association shall have one class of voting membership. The Members shall all be Owners and shall be entitled to one vote for each Unit owned. When more than one person or entity holds an interest in any Unit, all such persons or entities shall be Members, and they shall determine how the vote for the Unit shall be exercised. Notwithstanding the preceding sentence, no more than one vote shall be cast with respect to each Unit on all matters requiring voting by the Members, and fractional votes shall not be allowed.

Section 4.05 Board of Directors and Officers

The affairs of the Association shall be conducted and managed by such directors and officers as the Board may elect or appoint, in accordance with the Articles and the Bylaws, as the same may be amended from time to time.

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Section 4.06 Power of Association

Subject only to the limitations expressly set forth in the Articles, the Bylaws, and this Declaration, the Association shall have the power to do any and all lawful things that may be authorized, required, or permitted to be done by the Association under Wyoming law and under this Declaration, the Articles, and the Bylaws, and to do and perform any and all acts that may be necessary to, proper for, or incidental to the proper management and operation of the Common Area and the Association's other assets, including water rights when and if received from Declarant, and the performance of the other responsibilities herein assigned, including without limitation the following.

(a) Assessments

The Association shall have the power to levy Assessments on any Owner or any portion of the Property and to force payment of such Assessments, all in accordance with the provisions of this Declaration.

(b) Right of Enforcement

The Association shall have the power and authority from time to time in its own name, on its own behalf, or on behalf of any Owner who consents thereto, to commence and maintain actions and suits to restrain and enjoin any breach or threatened breach of this Declaration, the Articles, or the Bylaws.

(c) Delegation of Powers

The Association shall have the authority to delegate its power and duties to committees, officers, employees, or to any Person to act as manager for the maintenance, repair, replacement, and operation of the Common Area, and the maintenance, repair, and replacement of the Association's Exterior Maintenance Obligations and the Association's Landscape Maintenance Obligations; provided, however, that any such delegation of the Association's power to a manager shall be in a writing approved by the Board with a term not to exceed twelve consecutive months, and terminable by the Association with or without cause upon the expiration of thirty days' prior written notice. The Association and the Members of the Association shall not be liable for any omission or improper exercise by the manager of any such duty or power so delegated.

(d) Emergency Powers

The Association shall have the power, exercised by the Association or by any person authorized by it, to enter upon any Unit or Common Area (but not inside any Improvement constructed thereon) in the event of any emergency involving illness or potential danger to life or property or when necessary in connection with any maintenance or construct for which the Association is responsible. Such entry shall be made with as little inconvenience to the Owner as practicable, and any damage caused thereby shall be repaired by the Association.

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(e) Licenses, Easements, and Rights-of-Way

The Association shall have the power to grant and convey to any third party such licenses, easements, and rights-of-way in, on, or under the Common Area as may be necessary or appropriate for the orderly maintenance, preservation, and enjoyment of the Common Area and for the preservation of the health, safety, convenience, and welfare of the Owners, for the purpose of constructing, erecting, operating, or maintaining: 1) underground lines, cables, wires, conduits, or other devices for the transmission of electricity or electronic signals for lighting, heating, power, telephone, television, or other purposes, and the above-ground lighting stanchions, meters, and other facilities associated with the provisions of lighting and services; 2) public sewers, storm drains, water drains and pipes, water supply systems, sprinkling systems, heating and gas lines or pipes, and any similar public or quasi-public improvements or facilities; and 3) mailboxes and sidewalk abutments around such mailboxes or any service facility, berm, fencing, and landscaping abutting the Common Area, public and private streets, or land conveyed for any public or quasi-public purpose.

Section 4.07 Duties of Association

In addition to duties necessary and proper to carry out the power delegated to the Association by this Declaration, the Articles, and the Bylaws, without limiting the generality thereof, the Association or its agent, if any, shall have the authority and the obligation to conduct all business affairs of the Association and to perform, without limitation, each of the following duties.

(a) Operation and Maintenance of Common Area

The Association shall operate, maintain, and otherwise manage or provide for the operation, maintenance, and management of the Common Area and Limited Common Area, including without limitation removal of snow, paper, rubbish, and debris from the Common Area.

(b) Exterior Maintenance and Landscaping

The Association shall repair, maintain, and otherwise manage or provide for the repair, replacement, and maintenance of the Association's Exterior Maintenance Obligations, as set forth in Section 3.03(a), and the Association's Landscape Maintenance Obligations, as set forth in Section 3.02.

(c) Taxes and Assessments

The Association shall pay all real and personal property taxes and Assessments separately levied against the Common Area or against the Association and/or any other property owned by the Association. Such taxes and Assessments may be contested or compromised by the Association; provided, however, that such taxes and Assessments shall be paid or a bond insuring payment shall be posted prior to the sale or disposition of any property to satisfy the payment of such taxes and Assessments. In addition, the Association shall pay all other federal,

state, or local taxes, including income or corporate taxes levied against the Association, in the event that the Association is denied the status of a tax exempt corporation.

(d) Water and Other Utilities

The Association shall acquire, provide, and/or pay for necessary services for maintenance of the Common Area, exterior landscaping on Units, Townhomes, and Apartment exteriors, and to manage for the benefit of the Association water rights (if any) and rights to receive water (if any) held by the Association, whether such rights are evidenced by license, permit, claim, stock ownership, or otherwise.

(e) Insurance

The Association shall obtain insurance from reputable insurance companies authorized to do business in the State of Wyoming, and maintain in effect any insurance policy the Board deems necessary or advisable, including without limitation:

1) fire insurance, including those risks embraced by coverage of the type known as the broad form "All Risk" or special extended coverage endorsement on a blanket agreed amount basis for the full insurable replacement value of all Improvements, equipment, and fixtures located within the Common Area and Limited Common Area;

2) commercial general liability insurance insuring the Board, the Association, Declarant, and the agents and employees of each of the foregoing against any liability incident to the ownership and/or use of the Common Area, with limits of liability of such coverage set at not less than One Million and 00/100 Dollars ($1,000,000.00) per person and One Million and 00/100 Dollars ($1,000,000.00) per occurrence with respect to personal injury or death, and One Million and 00/100 Dollars ($1,000,000.00) per occurrence with respect to property damage; and

3) such other insurance, including officers and director insurance, motor vehicle insurance, and worker's compensation insurance, to the extent necessary to comply with all applicable laws and indemnity, faithful performance, fidelity and other bonds as the Board shall deem necessary or required to carry out the Association functions or to insure the Association against any loss from malfeasance or dishonesty of any employee or other person charged with the management or possession of any Association funds or other property.

The Association shall be deemed trustee of the interests of all Owners in connection with any insurance proceeds paid to the Association under such policies, and shall have full power to receive such Owner's interests in such proceeds and to deal therewith.

Insurance premiums for the above insurance coverage shall be deemed a common expense to be included in the Regular Assessment levied by the Association. Each Owner may obtain insurance at such Owner's own expense providing coverage upon such Owner's Townhome; such Owner's Improvements and personal property; for such Owner's personal liability; and

covering such other risks as such Owner may deem appropriate; but each such policy shall provide that it does not diminish the insurance carrier's coverage for liability arising under insurance policies that the Association obtains pursuant to this Section. All such insurance shall waive the insurance company's right of subrogation against the Association, the other Owners, and the servants, agents, and guests of any of them, if such insurance can be obtained in the normal practice without additional premium charge for the waiver of rights of subrogation. Proceeds of such insurance claims shall be paid to the Owner of the Townhome and/or the mortgagee in connection with such Townhome.

(f) Enforcement of Restrictions and Rules

The Association shall perform such other acts, whether or not expressly authorized by this Declaration, as may be reasonably advisable or necessary to enforce any of the provisions of the Declaration, the Articles, or the Bylaws including, without limitation, the recordation of any claim of lien with the Lincoln County, Wyoming Recorder as more fully provided herein.

Section 4.08 Personal Liability

No Member of the Board, or member of any committee of the Association, including without limitation any officer or manager of the Association, shall be personally liable to any Owner, or to any other party, including the Association, for any damage, loss, or prejudice suffered or claimed on the account of any act, omission, error, or negligence of the Association, the Board, the manager, or any other officer, representative, or employee of the Association, provided that such person, upon the basis of such information as may be possessed by such person, has acted in good faith without willful or intentional misconduct.

Section 4.09 Budgets and Financial Statements

Financial statements for the Association shall be prepared regularly and copies shall be distributed to each Member of the Association upon such Member's written and reasonable request, as follows.

(a) Projected Operating Statement/Budget

A projected operating statement and budget for each fiscal year for the Association shall be available for distribution no less than sixty days before the beginning of each fiscal year. The operating statement projected for the ensuing fiscal year shall include a schedule of Assessments received and receivable, identified by the Townhome number and Owner thereof.

(b) Balance Sheet

Within ninety days after the close of each fiscal year, the Association shall cause to be prepared a balance sheet as of the last day of the Association's fiscal year, and shall make such balance sheet available for distribution to each Owner.

(c) Operating Statement

Within thirty days after the close of each fiscal year, the Association shall cause to be prepared an annual operating statement reflecting the income and expenditures of the Association. Copies of the balance sheet and operating statement shall be made available for distribution to each Member within 120 days after the end of each fiscal year.

(d) Audit

The Association shall provide an audited statement for the preceding fiscal year if the holder, insurer, or guarantor of any first mortgage that is secured by a Townhome submits a written request for it; such holder, insurer, or guarantor shall pay the reasonable cost of such audit. A copy of each audit shall be delivered to each Member requesting a copy of such audit within thirty days after the completion of such audit.

(e) Meetings of Association

Each year the Association shall hold at least one meeting of the Members, according to the schedule for such meetings established by the Bylaws. Only Members shall be entitled to attend Association meetings, and all other persons may be excluded. Notice for all Association meetings, regular or special, shall be given by regular mail to all Members not less than ten days before the meeting, and shall set forth the place, date, and hour of the meeting and the nature of the business to be conducted. All meetings shall be held at the Subject Property or as close thereto as practical at a reasonable place selected by the Board.

ARTICLE FIVE
RIGHTS TO COMMON AREA

Section 5.01 Use of Common Area

Each Owner shall have a right to use the Common Area, which right shall be appurtenant to and shall pass with the title to every Townhome, subject to the following provisions:

a. Limited Common Area may only be used by the Owners of Units for which the exclusive right to use is designated on the Plat.

b. the right of the Association holding or controlling the Common Area to levy and increase Assessments;

c. the right of the Association to suspend the voting rights and rights to use of the Common Area, except for the right of an Owner to ingress and egress to the Owner's Townhome, during any period in which any Assessment or charge against the Owner's Townhome remains unpaid;

d. the right of the Association to dedicate or transfer all or any part of the Common Area to any public agency, authority, or utility for such purposes and subject to such conditions as may be permitted by the Articles and the Bylaws;

e. the right of the Association to prohibit the construction of structures of Improvements on the Common Area;

f. the right of the Association to suspend any Member's voting rights and/or right to use any of the recreational facilities owned by the Association, for any period during which any Assessments against said Member's property remains unpaid, and for a period not to exceed thirty days for each infraction of its published rules and regulations;

g. the right of the Association to limit the number of Members permitted to use the Common Area, or a portion thereof, at any one time; and

h. the right of the Association to publish reasonable rules and regulations governing the use of the Common Area.

Section 5.02 Designation of Common Area

Declarant shall designate and reserve the Common Area in this Declaration and/or the Plat, deed, or other instruments. The Common Area shall be conveyed to the Association free and clear of all liens and title encumbrances, other than easement, taxes, and Restrictions, and shall be owned and maintained by the Association.

Section 5.03 Delegation of Right to Use

Any Owner may delegate, in accordance with the Bylaws, such Owner's right of enjoyment to the Common Area to the Owner's family members, tenants, guests, invitees, or contract purchasers residing in the Owner's Townhome.

Section 5.04 Damages

Each Owner shall be fully liable for any damage to any Common Area that may be sustained by reason of the negligence or willful misconduct of an Owner, the Owner's family members, tenants, guests, invitees, or contract purchasers residing in the Owner's Townhome. In the case of joint ownership of a Townhome, the liability of such Owners shall be joint and several. The cost of correcting such damage shall be a Limited Assessment against the Owner and the Owner's Townhome and may be collected as provided herein for the collection of other Assessments. No Owner shall be liable for any amounts greater than that which is legally allowable under Wyoming law.

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ARTICLE SIX
ASSESSMENTS

Section 6.01 Covenant to Pay Assessments

By acceptance of a deed to any Unit, each Owner hereby covenants and agrees to pay when due all Assessments or charges made by the Association, including Regular Assessments, Special Assessments, Limited Assessments, and charges made against such Owner pursuant to the provisions of this Declaration or other applicable instrument.

(a) Assessment Constitutes Lien

Such Assessments and charges, together with interest, costs, and reasonable attorney fees incurred in collecting the same, shall be a charge against the Owner's Townhome and shall be a continuing lien upon the Townhome against which each such Assessment or charge is made.

(b) Assessment is Personal Obligation

Each such Assessment, together with interest, costs, and reasonable attorney fees incurred in collecting the same, shall also be the personal obligation of the Owner of such Townhome. The personal obligation for delinquent Assessments shall not pass to such Owner's successors in title unless expressly assumed by them, but such Assessments shall remain such Owner's personal obligation regardless of whether that Person remains an Owner.

Section 6.02 Regular Assessment

All Owners, except Declarant, are obligated to pay the Regular Assessment to the treasurer of the Association on a schedule of payments established by the Board.

(a) Purpose of Regular Assessment

The proceeds from the Regular Assessment are to be used to pay for all Expenses. The Association shall compute the amount of its Expenses on an annual basis.

(b) Amounts Paid by Owners

The Board may require, in its discretion or as provided in the Articles or the Bylaws, payment of the Regular Assessment in monthly, quarterly, semi-annual, or annual installments. The Regular Assessment to be paid by any particular Owner (except Declarant) for any given fiscal year shall be computed by multiplying the Association's total advance estimate of Expenses by the fraction produced by dividing the number of Townhomes owned by that Owner by the total number of Townhomes on the Subject Property. Without limiting the foregoing, nothing in this Declaration shall obligate Declarant to pay the Regular Assessment for Townhomes owned by Declarant; provided, however, Declarant may, but is not obligated to, pay the Regular Assessment on Townhomes owned by Declarant if the Expenses exceed the amount of Assessments collected from other Owners.

(1) Set-Up Fee

Upon the sale or transfer of a Townhome to a new Owner, the new Owner shall pay to the Association a one-time set-up fee in the minimum amount of Five Hundred and 00/100 Dollars ($500.00) (the "Set-Up Fee"), which shall be in addition to the standard Regular Assessment. The Board, in its reasonable discretion, may raise the amount of the Set-Up Fee if deemed necessary.

Section 6.03 Special Assessments

(a) Purpose and Procedure

In the event that the Board shall determine that the collective Regular Assessments for a given calendar year is or will be inadequate to meet the Expenses of the Association for any reason, including without limitation costs of construction or reconstruction; unexpected repairs or replacement of capital improvements upon the Common Area; and legal and other professional fees and expenses, the Board shall determine the approximate amount necessary to defray such Expenses and levy a Special Assessment against the portion of the Property within its jurisdiction, except those Townhomes owned by Declarant. No Special Assessment shall be levied that exceeds twenty percent (20%) of the budgeted gross Expenses of the Association for that fiscal year without the vote or written asset of the Owners representing a majority of the votes of the Members of the Association. The Board shall, in its discretion, determine the schedule under which such Special Assessment shall be paid.

(b) Consistent Basis of Assessments

Every Special Assessment levied by and for the Association shall be levied and paid upon the same basis as that prescribed for the levying and payment of Regular Assessments.

Section 6.04 Limited Assessments

Without limiting the above provisions with respect to Regular Assessments and Special Assessments, the Board may levy a Limited Assessment against a Member (except Declarant) as a remedy to reimburse the Association for costs incurred in bringing the Member and/or the Member's Townhome into compliance with the provisions of the governing instruments for the Alpine Heights Addition. In addition, Limited Assessments will be assessed against the Owners of Units for the costs associated with the maintenance, repair, and replacement of the Limited Common Areas which such Units are afforded the exclusive use.

Section 6.05 Uniform Rate of Assessments

Except as otherwise specifically provided herein, Regular Assessments and Special Assessments shall be fixed at a uniform rate per Townhome for all Members of the Association.

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Section 6.06 Assessment Period

Unless otherwise provided in the Articles or Bylaws, the Assessment period shall commence on January 1 and terminate on December 31 of each year. The first Assessment shall commence on the date that is the first day of the third full month following the month in which the closing of the first sale of a Townhome occurs, and the first Assessment shall be prorated according to the number of months remaining in the fiscal year and shall be payable in equal installments, as determined by the Board.

Section 6.07 Notice and Assessment Due Date

The Board shall provide thirty days' prior written notice of Regular Assessments and Special Assessments to each Owner. The due dates for installment payment of Regular Assessments and Special Assessments, if any, shall be as established by the Board. Each installment of the Regular Assessment or Special Assessment shall become delinquent if not paid within ten days after the levy thereof. There shall accrue with each delinquent installment payment a late charge equal to five percent (5.000%) of the delinquent installment. In addition, each installment payment that is delinquent for more than twenty days shall accrue interest at the rate of ten percent (10.000%) per annum calculated from the date of delinquency to and including the date full payment is received by the Association. The Association may bring an action against the delinquent Owner and may foreclose the lien against such Owner's Townhome as more fully provided herein. Each Owner shall be personally liable for Assessments, together with all interest, costs, and attorney fees, and no Owner may exempt such Owner from such liability by a waiver of the use and enjoyment of the Common Area or by lease or abandonment of such Owner's Townhome.

Section 6.08 Estoppel Certificate

Upon written request from a party seeking information regarding whether a particular Owner is in default under the provisions of this Declaration and the dates on which the Owner paid any Assessments, the Association shall, as soon as reasonably practicable, deliver an acknowledged, executed statement stating, to the best of the Association's knowledge, whether that particular Owner is in default under the provisions of this Declaration and the dates on which the Owner paid any Assessments. Reliance on such statement shall not extend to any default as to which the Association lacks actual knowledge.

Section 6.09 Special Notice and Quorum Requirements

Notwithstanding anything to the contrary contained in either the Bylaws or the Articles, written notice of any meeting called for the purpose of levying a Special Assessment, or for the purpose of obtaining a membership vote in connection with an increase in the Regular Assessment, shall be sent to all members and to any person in possession of a Townhome, not less than fifteen days, but no more than thirty days, before such meeting. The presence of Members entitled to cast fifty percent (50%) of the total votes of the Association at such a meeting shall constitute a quorum. If a quorum is not present, subsequent meetings may be called subject to the same notice requirement.

ARTICLE SEVEN
ENFORCEMENT OF ASSESSMENTS; LIENS

Section 7.01 Right to Enforce

The Association has the right to collect and enforce Assessments pursuant to the provisions hereof. Each Owner of a Townhome, upon becoming an Owner, shall be deemed to covenant and agree to pay each and every Assessment provided for in this Declaration and agrees to the enforcement of all Assessments in the manner herein specified. In the event an attorney or attorneys are employed for the collection of any Assessment, whether by suit or otherwise, or to enforce compliance with or specific performance of the terms and conditions of this Declaration, each Owner agrees to pay reasonable attorney fees in addition to any other relief or remedy obtained against such Owner. The Board or its authorized representative may enforce the obligations of the Owners to pay such Assessments by commencement and maintenance of a suit at law or in equity, or the Board may exercise the power of foreclosure and sale pursuant to Section 7.03 to enforce the liens created hereby. A suit to recover a money judgment for an unpaid Assessment shall be maintainable without foreclosing or waiving the lien hereinafter provided.

Section 7.02 Assessment Liens

(a) Creation

There is hereby created a claim of lien with power of sale on each and every Townhome to secure payment of any and all Assessments levied against such Townhome pursuant to this Declaration, together with interest thereon at the maximum rate permitted by law and all costs of collection that may be paid or incurred by the Association making the Assessment in connection therewith, including reasonable attorney fees. All sums assessed in accordance with the provisions of this Declaration shall constitute a lien on such Townhomes upon recordation of a claim of lien with the Linclon County, Wyoming Recorder. Such lien shall be prior and superior to all other liens or claims created subsequent to the recordation of the notice of delinquency and claim of lien, except for tax liens for real property taxes on any Townhome and Assessments on any Townhome in favor of any municipal or other governmental assessing body that, by law, would be superior thereto.

(b) Claim of Lien

Upon default of any Owner in the payment of any Regular Assessment, Special Assessment, or Limited Assessment issued hereunder, the Association may cause to be recorded in the office of the Lincoln County, Wyoming Recorder a claim of lien. The claim of lien shall state the amount of such delinquent sums and other authorized charges (including the cost of recording such notice), a sufficient description of the Townhome against which the same have been assessed, and the name of the record Owner thereof. Each delinquency shall constitute a separate basis for a notice and claim of lien, but any number of defaults may be included within a single notice and claim of lien. Upon payment to the Association of such delinquent sums

and charges in connection therewith or other satisfaction thereof, the Association shall cause to be recorded a further notice stating the satisfaction of relief on such delinquent sums and charges. The Association may demand and receive the cost of preparing and recording such release before recording the same.

Section 7.03 Method of Foreclosure

A lien described in the preceding section may be foreclosed by appropriate action in court or by sale by the Association establishing the Assessment, its attorney, or other person authorized to make the sale. Such sale shall be conducted in accordance with the provisions of the Wyoming Code applicable to the exercise of powers of sale permitted by law. The Board is hereby authorized to appoint its attorney, any officer or director of the Association, or any title company authorized to do business in Wyoming as trustee for the purpose of conducting such power of sale or foreclosure.

Section 7.04 Required Notice

Notwithstanding anything contained in this Declaration to the contrary, no action may be brought to foreclose the lien created by recordation of the notice of delinquency and claim of lien, whether judicially, by power of sale, or otherwise, until the expiration of thirty days after 1) a copy of such claim of lien has been deposited in the United States mail, certified or registered, postage prepaid, to the Owner of the Townhome described in such notice of delinquency and claim of lien, and to the person in possession of such Townhome; and 2) a copy of the notice of delinquency and claim of lien is recorded by the Lincoln County, Wyoming Recorder at the Association's request.

Section 7.05 Subordination to Certain Trust Deeds

The lien for the Assessments provided for herein in connection with a given Townhome shall not be subordinate to the lien of any deed of trust or mortgage except the lien of a first deed of trust or first mortgage given and made in good faith and for value that is of record as an encumbrance against such Townhome prior to the recordation of a claim of lien for the Assessments. Except as expressly provided in Section 7.06 with respect to a first mortgagee who acquires title to a Townhome, the sale or transfer of any Townhome shall not affect the Assessment lien provided for herein, nor the creation thereof by the recordation of a claim of lien, on account of the Assessments becoming due whether before, on, or after the date of such sale or transfer, nor shall such sale or transfer diminish or defeat the personal obligation of any Owner for delinquent Assessments as provided for in this Declaration.

Section 7.06 Rights of Mortgagees

Notwithstanding any other provision of this Declaration, no amendment of this Declaration shall operate to defeat the rights of the beneficiary under any deed of trust upon a Townhome made in good faith and for value, and recorded prior to the recordation of such amendment, provided that after the foreclosure of any such deed of trust such Townhome shall remain subject to this Declaration, as amended.

ARTICLE EIGHT
EASEMENTS

Section 8.01 Easements of Encroachment

There shall be reciprocal appurtenant easements of encroachment as between each Townhome and such portion or portions of the Common Area adjacent thereto or as between adjacent Townhomes due to the unwillful placement or settling or shifting of the Improvements. Easements of encroachment shall be valid only so long as they exist, and the rights and obligations of Owners shall not be altered in any way because of encroachments, settling, or shifting of the Improvements; provided, however, that in no event shall a valid easement for encroachment occur due to the willful or intentionally wrongful act or acts of an Owner. In the event a structure on any Townhome is partially or totally destroyed, and then repaired or rebuilt, the Owners of each Townhome agree that minor encroachments over adjoining Townhomes that existed prior to the destruction may be reconstructed pursuant to the easement granted by this Section.

Section 8.02 Easements of Access

Declarant expressly reserves for the benefit of all the Subject Property reciprocal easements of access, ingress, and egress for all Owners to and from their respective Townhomes for installation and repair of utility services; drainage of water over, across, and upon adjacent Townhomes and the Common Area, resulting from the normal use of adjoining Townhomes or the Common Area; and necessary maintenance and repair of any Improvement, including fencing, retaining walls, lighting facilities, mailboxes, sidewalk abutments, trees, and landscaping. Such easements may be used by Declarant and by all Owners, their guests, tenants, and invitees residing on or temporarily visiting the Subject Property, for pedestrian walkways, vehicular access, and such other purposes reasonably necessary for the use and enjoyment of a Townhome or the Common Area.

Section 8.03 Drainage, Irrigation, Sewer, and Utility Easements

Notwithstanding anything expressly or impliedly contained herein to the contrary, this Declaration shall be subject to all easements heretofore or hereafter granted by Declarant for the installation and maintenance of utilities, irrigation, sewer, and drainage facilities necessary for the development of the Subject Property. In addition, Declarant hereby reserves for the benefit of the Association the right to grant additional easements and rights-of-way over the Subject Property, as appropriate, to utility companies and public agencies as necessary or expedient for the proper development of the Property until close of escrow for the sale of the last Townhome in the Subject Property.

(a) Improvement of Drainage, Irrigation, and Utility Easement Areas

The Owners are hereby restricted and enjoined from constructing any Improvements upon any drainage, irrigation, or utility easement areas as shown on the Plat or otherwise designated in

any recorded document that would interfere with or prevent the easement from being used for such purpose.

However, each Owner as to his, her, or its Townhome; Declarant; or the Association or its designated agent, subject to the terms of this Declaration, shall be entitled to 1) install and maintain landscaping on any landscaping easement areas and 2) build and maintain fencing on such easement areas subject to approval by the Board, so long as the same would not interfere with or prevent the easement areas from being used for their intended purposes; provided that any damage sustained to Improvements on the easement areas as a result of legitimate use of the easement area shall be the sole and exclusive obligation of the Owner of the Townhome whose Improvements were so damaged.

Section 8.04 Rights and Duties Concerning Utility and Irrigation Easements

The rights and duties of the Owners of the Townhomes within the Subject Property, with respect to utilities and irrigation, shall be governed by the following provisions.

a. Wherever utility or irrigation house connections are installed within the Subject Property, which connections or any portions thereof lie in or upon a Townhome owned by an Owner other than the Owner of the Townhome served by the connections, the Owner of the Townhome served by the connections shall have the right, and is hereby granted an easement to the full extent necessary, to enter upon any Townhome or to have his, her, or its agent enter upon any Townhome within the Subject Property in or upon which said connections or any portion thereof lie, to repair, replace, and generally maintain the connections as and when it may be necessary.

b. Whenever utility or irrigation house connections are installed within the Subject Property, which connections serve more than one Townhome, the Owner of each Townhome served by the connections shall be entitled to full use and enjoyment of such portions of said connections as service such Owner's Townhome.

Section 8.05 Common Driveway

Several Shared Driveways may be developed throughout the Subject Property. The Owners of Townhomes served by a Shared Driveway shall be entitled to full use and enjoyment of that portion of the Unit on which the Shared Driveway is installed as required to 1) access and service the Owner's Townhome or 2) repair, replace, or maintain the Shared Driveway by, without limitation, removing snow, paper, rubbish, and debris from the Shared Driveway. No parking is permitted within the Shared Driveway easements that blocks an Owner's use of the Shared Driveway or obstructs access to an Owner's Townhome.

Section 8.06 General Landscape Easement

An easement is hereby reserved to the Association and its agents to enter the Subject Property, including the Units and the exteriors of Townhomes, for the purpose of installing, maintaining,

replacing, and restoring exterior landscaping and natural vegetation and habitat. Such landscaping shall include, without limitation, mowing lawns, irrigating activities, trimming and pruning trees and shrubs, walkway improvements, seasonal planting, and all other landscaping activities within the Subject Property as the Association shall determine to be necessary from time to time per the Association's Landscape Maintenance Obligation, as set forth in Section 3.02.

ARTICLE NINE
PARTY WALLS

Section 9.01 General Rules Apply

Each wall that is built as a part of the original construction of the Townhomes constructed and placed on the common boundary between two Townhomes shall constitute a Party Wall, and, to the extent not inconsistent with the provisions of this Declaration, the general rules of law regarding Party Walls and liability for property damage due to neglect or willful acts or mischief shall apply thereto. The Owners sharing a Party Wall shall have equal right to the use of such Party Wall, except that each Owner shall have the exclusive right to use the interior surface of such Party Walls on that Owner's side of such Party Walls. The Owners of the Party Walls and common structural components thereof shall maintain them in good order and repair at all times.

Section 9.02 Sharing of Costs

The cost of reasonable repair and maintenance of each Party Wall shall be shared equally by the Owners sharing the Party Wall. Any necessary repair or reconstruction of the Party Wall shall be of the same or higher construction standards and materials as the original Party Wall, and shall conform to all applicable codes, rules, regulations, and laws in effect at the time such work is completed. Furthermore, such repairs and reconstruction shall be promptly completed. Should the repairs not occur in a timely manner, either Owner may, but is not obligated to, cause the necessary repairs to be made to such Party Wall, and such repairing Owner may seek reimbursement and contribution from the non-repairing Owner under the terms of this Section. To the extent that the cost of repairing and maintaining a Party Wall is not covered by insurance provided by the Association or the Owners, the cost of such repair and maintenance shall be shared by the Owners sharing the Party Wall, except that an Owner shall have the right to call for a larger contribution from the other Owner under any rule of law regarding liability for the negligent or willful acts or omissions of such other Owner or its family members, agents, tenants, guests, invitees, or contract purchasers.

Section 9.03 Weatherproofing

Notwithstanding any other provision of this Article to the contrary, an Owner who negligently or willfully causes the Party Wall to be exposed to the elements shall bear the entire cost of furnishing the necessary protection against such elements or the repairs necessary from the failure to timely provide such protection.

Section 9.04 Right of Contribution

The right of any Owner to contribution from any other Owner under this Article shall be appurtenant to the land and shall pass to such Owner's successors in interest.

Section 9.05 Mediation

In the event of any dispute arising concerning a Party Wall or dispute involving the interpretation of the obligations of an Owner under the provisions of this Article, the matter shall be submitted to the Board, who shall act as a mediator and shall proceed in accordance with the rules and procedures of applicable law then in effect, and the decision of the majority of the members of the Board shall be binding on the Owners. In the event an Owner is unsatisfied with the results of such mediation, the Owner may seek all remedies available at law or in equity.

ARTICLE TEN
GENERAL MATTERS

Section 10.01 Term

The easements created hereunder shall be perpetual, subject only to extinguishment by the holders of such easements as provided by law. The Restrictions set forth in this Declaration shall run until December 31, 2050, unless amended as herein provided. After December 31, 2050 the Restrictions shall be automatically extended for successive periods of ten years each, unless amended or extinguished by a written instrument executed by members holding at least seventy-five percent (75%) of the voting power of the Association and such written instrument is recorded with the Lincoln County, Wyoming Recorder.

Section 10.02 Amendment

(a) By Declarant

Except as provided in Section 10.02(c), until the recordation of the first deed to a Townhome in the Subject Property to an Owner other than Declarant, the provisions of this Declaration may be amended, modified, clarified, supplemented, or terminated by Declarant by recordation of a written instrument setting forth such amendment, modification, clarification, supplementation, or termination.

(b) By Owners

Except where a greater percentage is required by express provision in this Declaration, any amendment to the provisions of this Declaration, other than this Article, shall be by an instrument in writing signed and acknowledged by the president and secretary of the Association certifying and attesting that such amendment has been approved by the vote or written consent of Owners representing more than a majority of the votes in the Association, and such amendment shall be effective upon its recordation with the Lincoln County,

Wyoming Recorder. Any amendment to this Article shall require the vote or written consent of Members holding at least seventy-five percent (75%) of the voting power of the Association.

(c) Effect of Amendment

Any amendment of this Declaration approved in the manner specified above shall be binding on and effective as to all Owners and their respective Townhomes, notwithstanding that such Owners may not have voted for or consented to such amendment. Such amendments may add to and increase Restrictions applicable to the Subject Property, but shall not prohibit or unreasonably interfere with the allowed uses of such Owner's Townhome that existed prior to the amendment.

Section 10.03 Mortgage Protection

Notwithstanding any other provision of this Declaration, no amendment of this Declaration shall operate to defeat or render invalid the rights of the beneficiary under any first deed of trust upon a Townhome made in good faith and for value, and recorded prior to the recordation of such amendment; provided that after foreclosure of any such first deed of trust such Townhome shall remain subject to this Declaration, as amended.

Section 10.04 Mortgagee's Right to Satisfy Obligations of the Association

In the event that the Association fails to pay any debt or sum lawfully owed by it, for which a lien has been placed against the Common Area, or in the event that the Association fails to pay premiums due on insurance policies required by this Declaration, the lapse of which would jeopardize a mortgagee's security in any Townhome, such mortgagee may pay said premium after first having served five days' written demand for such payment on the Association. In the event that the Association has allowed said insurance policies to lapse, any such mortgagee whose security in any Townhome is jeopardized thereby may secure new comparable insurance coverage. In the event that such mortgagee makes payments as allowed by this Section, it shall be entitled to prompt reimbursement from the Association.

Section 10.05 Notices

Any notices permitted or required to be delivered as provided herein shall be in writing and may be delivered either personally or by mail. If delivery is made by mail, it shall be deemed to have been delivered three days after the same has been deposited in the United States mail, postage prepaid, addressed to any person at the address given by such person to the Association for the purpose of service of such notice, or to the residence of such person if no address has been given to the Association. Such address may be changed from time to time by notice in writing to the Association, as provided in this Section.

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Section 10.06 Enforcement and Non-Waiver

(a) Right of Enforcement

Except as otherwise provided herein, any Owner of any Townhome and the Association shall have the right to enforce any or all of the provisions of this Declaration against any property within the Subject Property and the Owner or Owners of such property.

(b) Violations and Nuisances

The failure of any Owner of a Townhome to comply with any provision of this Declaration, the Articles, or the Bylaws is hereby declared a nuisance and will give rise to a cause of action in Declarant, the Association, and any affected Owner for recovery of damages, injunctive relief, or both. However, only Declarant, the Board, or a duly authorized agent of Declarant or the Board may enforce by self-help any of the provisions set forth herein or in the Articles or Bylaws, and only if such self-help is preceded by reasonable notice to the Owner.

(c) Violation of Law

Any violation of any state, municipal, or local law, ordinance, or regulation pertaining to the ownership, occupation, or use of any property within the Subject Property is hereby declared to be a violation of this Declaration and subject to any or all of the enforcement procedures set forth in this Declaration and any or all enforcement procedures in law and equity.

(d) Remedies Cumulative

Each remedy provided herein is cumulative and not exclusive.

(e) Non-Waiver

The failure to enforce any of the provisions herein at any time shall not constitute a waiver of the right to enforce any such provision.

Section 10.07 Governing Law; Jurisdiction

This Declaration shall be governed by, and construed and enforced in accordance with, the laws of the State of Wyoming. Except as otherwise provided in this Declaration, venue for any action arising from this Declaration shall be in Lincoln County, Wyoming.

Section 10.08 Liberal Construction; Severability

The provisions of this Declaration shall be liberally construed to effectuate its purpose of creating a uniform plan for the development and operation of the Subject Property. In the event any term or provision of this Declaration is adjudicated to be unenforceable, invalid, illegal, or otherwise ineffective, the remaining terms and provisions of this Declaration shall not be affected and shall remain fully enforceable, provided that severance of the unenforceable provision does not materially alter the overall intent of this Declaration.

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Section 10.09 Interpretation

The Article titles and Section headings are for convenience of reference only and are not intended to be a part of, or to affect the meaning or interpretation of, any of the provisions of this Declaration. All references to Sections contained in this Declaration refer to the Sections of this Declaration. In this Declaration, the words include, includes, and including mean include without limitation, includes without limitation, and including without limitation, respectively. Include, includes, and including are words of illustration and enlargement, not words of limitation or exclusivity. All pronouns refer to the masculine, feminine, neuter, singular, or plural as the context may require.

DATED: The Effective Date.

Creative Properties, LLC

By: _____
Name: _____
Title: Manager

Acknowledgment

State of Wyoming)
) ss.
County of *)

On this _____ day of _____, 2025, before me, the undersigned, a notary public, personally appeared _____ in his/her capacity as the Manager of Creative Properties, LLC, known or identified to me to be the individual whose name is subscribed to the above instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity.

_____
Notary Public for Wyoming
Residing at:
(Seal)

DRAFT

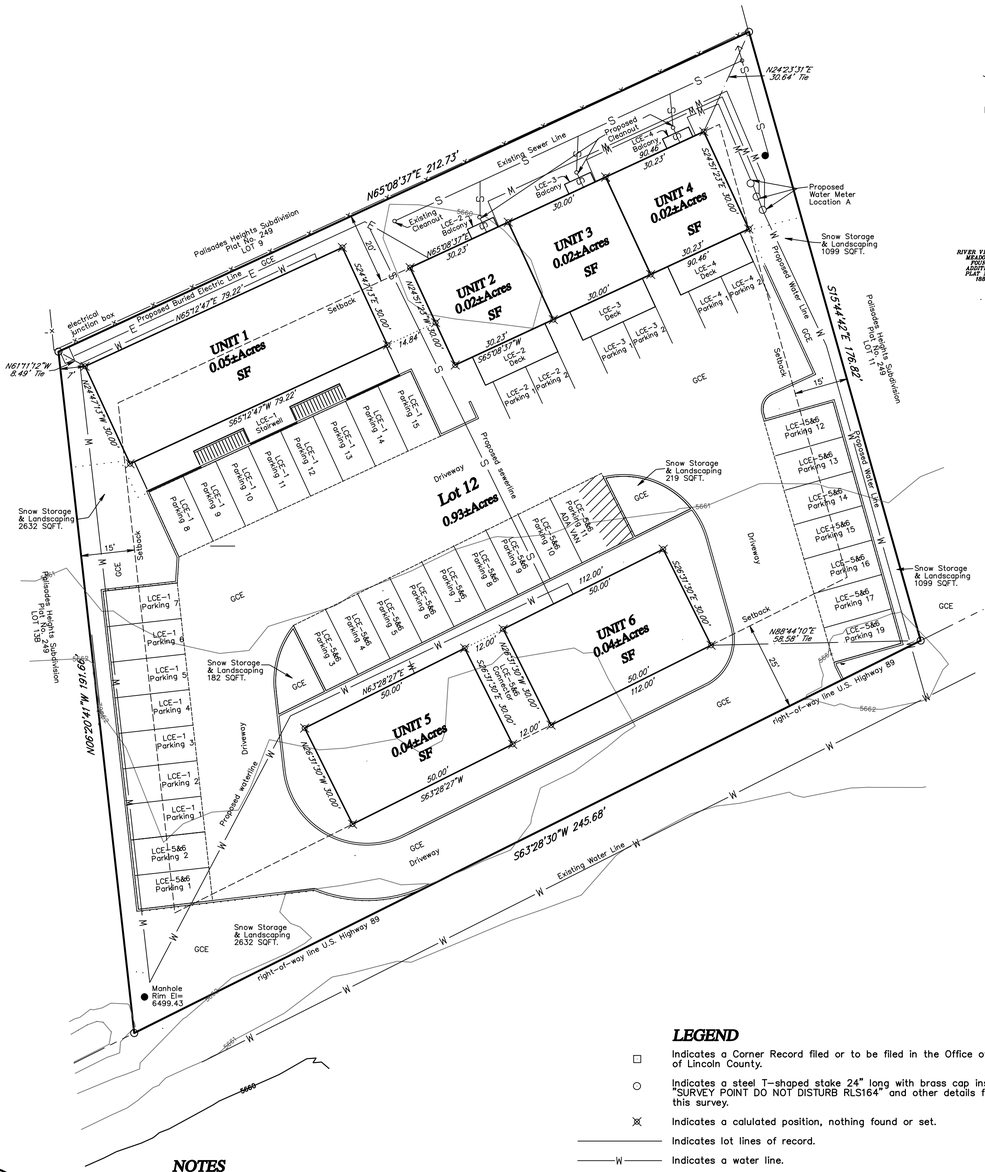
Exhibit A

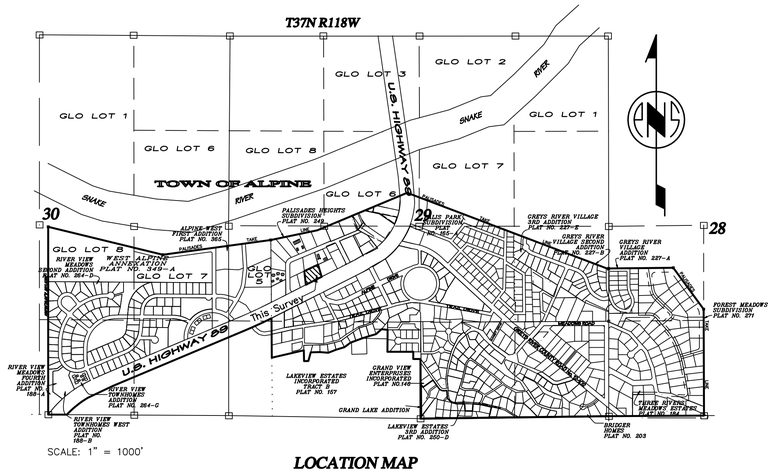
The following real property located in Lincoln County, Wyoming:

Lot 12 of the Palisades Heights within the Town of Alpine of record in said office as Plat No. 429 within the GLO LOT 5 of Section 29, T37N, R118W, Lincoln County, Wyoming.

DRAFT

ALPINE HEIGHTS ADDITION





LOCATION MAP

CERTIFICATE OF SURVEYOR

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

I, Karl F. Scherbel of Afton, County of Lincoln, State of Wyoming, hereby certify that this plat was made from notes taken during an actual survey made by me and persons under my supervision during 2025, and from records in the Office of the Clerk of Lincoln County and that it correctly represents the ***ALPINE HEIGHTS ADDITION***

to the Town of Alpine, described as follows:

Lot 12 of the Palisades Heights Subdivision within the Town of Alpine of record in said office as Plat No. 249 within the GLO LOT 5 of Section 29, T37N, R118W, Lincoln County, Wyoming:

that said addition was accurately surveyed, that the parts thereof are accurately staked off and marked with appropriate metal monuments, including magnetic iron, and inscribed at least with the registration number of the land surveyor to provide source identification at all lot corners of the addition, and that their locations are correctly shown hereon;

Encompassing an area of 0.93 acre, more or less;

Professional Land Surveyor
Karl F. Scherbel
11810
Date
WYOMING

the foregoing instrument was acknowledged before me by Karl F. Scherbel this ___ day of _____ , 2025;

_____
Notary Public My Commission expires:

CERTIFICATE OF OWNERS

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

The undersigned do hereby certify that the subdivision of Lot 12 of the Palisades Heights Subdivision within the Incorporated limits of the Town of Alpine, as shown on this plat and more particularly described in the certificate of surveyor, is with the free consent and in accordance with the desires of the owner and proprietor of the described lands;

that the name of the addition shall be the ***ALPINE HEIGHTS ADDITION*** to the Town of Alpine;

that they do hereby vacate said Lot 12 in accordance with Section 34–12–106 Wyoming Statutes 2024, as amended, and respectfully request the Clerk of Lincoln County to so mark said plat in accordance with Section 34–12–110;

that Units 1–6 are townhouse type ownership as defined in the Declaration of Covenants, Conditions and Restrictions for Alpine Heights Addition of record in the Office of the Clerk of Lincoln County;

that each owner of units within this addition is a member of the Alpine Heights Property Association;

that each unit consists of a single townhouse unit and the underlying land together with the exclusive use of the Limited Common Element (LCE) with the same unit designation and an undivided interest in the General Common Element (GCE) all defined in said Declaration;

that said addition is subject to any easements of record;

that an emergency vehicle easement is hereby granted to the Town of Alpine over and across the common area (GCE, LCE) shown hereon;

that utility easements identical with the common area (GCE, LCE) shown hereon are hereby granted to Lower Valley Power and Light, Inc. and Silver Star Telephone Company, Inc. and other public and private utilities to serve the units of this addition;

that all rights under and by virtue of the Homestead Exemption Laws of the State of Wyoming are hereby released;

Creative Properties, LLC

Signature obtained by separate Certificate of Owner to be recorded concurrently herewith

_____
Managing Member

CERTIFICATE OF ACCEPTANCE

STATE OF WYOMING }
COUNTY OF LINCOLN } ss...

The foregoing ***ALPINE HEIGHTS ADDITION*** to the Town of Alpine was approved at the regular meeting of the Alpine Town Council on this ___day of _____ , 2025 in accordance with Resolution No. ___ of the Town of Alpine.

Town of Alpine

Attest:

_____ _____
Monica L. Chenault, Town Clerk Eric Green, Mayor

OWNERS:

Creative Properties, LLC
P.O. Box 1196
Jackson, Wyoming 83001

LAND USE TABLE:

Total Number of Units: 6
Total Acres: 0.93±Acres
Zoning: MRC–Mixed Residential and Commericial District

SURVEYOR:

Surveyor Scherbel, Ltd.
P.O. Box 725
Afton, Wyoming 83110
(307) 885–9319

DATE:

August 2025

NOTES

1. Where bearings are not shown they are parallel to the appropriate unit lines.
2. Total area dedicated for off street parking: 20,100 Sq. FT.
   Minimum snow storage area required: 19,687 X 0.20 = 3937 Sq. Ft.
   Snow storage provided: 2632 + 1099 + 182 + 219 = 4132 Sq. Ft.
3. Landscaping: 7205 Sq. Ft. provided / 4051 Sq. Ft. required.
4. Typical Parking is 10' X 20'.

LEGEND

□	Indicates a Corner Record filed or to be filed in the Office of the Clerk of Lincoln County.
○	Indicates a steel T–shaped stake 24" long with brass cap inscribed: "SURVEY POINT DO NOT DISTURB RLS164" and other details found this survey.
⊠	Indicates a calulated position, nothing found or set.
———	Indicates lot lines of record.
———W———	Indicates a water line.
———S———	Indicates a sewer line.
LCE–Unit 1	Indicates that part of the common area which is Limited Common Element appurtenant to the unit of the same number.
GCE	Indicates that part of the common area which is General Common Element.
Unit 1	Indicates a townhome unit.

The Basis of Bearing for this survey is N01°04'44"W along the line from the "Call" CS1/16 to the "Call" C1/4 of Section 29, T37N R118W.

0' 20' 40' 60'

SCALE: 1" = 20'
CONTOUR INTERVAL = 1'

-ADVANCE PLAT-
SUBJECT TO CORRECTION AND APPROVAL

CERTIFICATE OF RECORDATION

This plat was filed for record in the Office of the Clerk of Lincoln County on this ___day of _____ 2025.

_____
April Brunski, Clerk

PRELIMINARY PLAT
ALPINE HEIGHTS ADDITION TO THE TOWN OF ALPINE IDENTICAL WITH LOT 12 OF THE PALISADES HEIGHTS SUBDIVISION IN THE TOWN OF ALPINE WITHIN THE GLO LOT 5 SECTION 29 T37N R118W LINCOLN COUNTY, WYOMING

DATE: 3 February 2025
DRAWN BY: Clint A. Phillips
CALCULATED BY: Karl F. Scherbel
CAT/DIRY/PROP: SD/Alpine/PalisadeHeights
FIELD BOOK: _____
COMPUTER FILE: PalisadeHeights12 townhomes.pro

SURVEYOR SCHERBEL, LTD.
PROFESSIONAL LAND SURVEYORS
BOX 96 BIG PINEY–MARBLETON, WYO. 83113 TEL 307–276–3347
BOX 725 AFTON, WYO. 83110 TEL 307–885–9319; ALPINE, WYO. 83128 TEL 307–885–9319
JACKSON, WYO. TEL 307–733–5905; LAVA, ID. TEL 208–776–5930; MONTPELIER, ID TEL 208–847–2800

4/17/25–CAP: Edit per Afton review
4/1/25–CAP: Edit per Afton review
REVISIONS:

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PLOT DATE: 28 October 2025

Town of Alpine
SPECIAL USE PERMIT (SUP)

I. Permit Information

Permit No.: SUP-2025-0002
Date Issued: _____
Project Name: Creative Properties, LLC – Palisades Heights
Property Address / Location: 160 U.S. Highway 89, Lot #23, Palisades Heights Subdivision
Zoning District: Mixed Residential-Commercial (MRC)
Parcel ID / Legal Description: TBD
Applicant / Property Owner: Creative Properties, LLC
Mailing Address: PO Box 2911, Alpine WY 83128
Phone / Email: Dave Jenkins dave@snowypeakwy.com

II. Purpose and Description of Special Use

Description:
The applicant, **Creative Properties, LLC**, has been granted a **Special Use Permit (SUP)** to allow for a **phased submittal and development** based on the **provided Preliminary Master Plat** for the property located at **160 U.S. Highway 89, Lot #23, Palisades Heights Subdivision**.

This approval authorizes subdivision and phased construction of smaller lots than typically allowed under the Town of Alpine Land Use Development Code (LUDC), provided that each phase complies with all applicable Town standards and the phasing plan approved under this permit.

III. Approval and Review

This Special Use Permit has been reviewed and approved pursuant to the **Town of Alpine Land Use Development Code (LUDC)**, following public hearing and action by the **Planning & Zoning Commission** and **Town Council**.

Planning & Zoning Commission Action:
Date of Meeting: _____October 14, 2025_____
Recommendation: ☐ Approval ☒ Approval with Conditions ☐ Denial

Town of Alpine
SPECIAL USE PERMIT (SUP)

Town Council Action:
Date of Approval: _____
Motion: ☐ Approved ☒ Approved with Conditions □ Denied

IV. Agreed Upon Conditions

The following conditions of approval have been reviewed and agreed upon by the applicant and are hereby incorporated as enforceable terms of this permit:

1. **Defined Construction Phases:**
   Each construction phase shall be clearly defined on the approved preliminary and final plat maps, including corresponding timelines for submittal and completion.

2. **Infrastructure Completion Requirement:**
   Building permits for subsequent phases shall not be issued until all required infrastructure and improvements serving prior phases are completed or financially secured to the satisfaction of the Town.

3. **Revisions to Phasing Plan:**
   Any substantial changes to the approved phasing plan shall require further review and approval by the **Planning and Zoning Commission**.

4. **Utility and Infrastructure Compliance:**
   The applicant shall maintain compliance with all Town **utility, access, drainage, and fire protection standards** throughout the duration of the project.

5. **Tenant Improvements:**
   Separate building permits and fees shall be required for all **tenant improvement work or internal buildouts** not included in the initial phase approvals.

6. **Scope of Approval:**
   This approval is granted based on the applicant's representation that phased submittal of construction documents and infrastructure improvements will **not alter the approved use, density, or intensity** of development.

7. **Right to Suspend or Revoke:**
   The Town reserves the right to suspend or revoke this approval if project phasing deviates from the approved plan or causes **adverse impacts to Town infrastructure or adjacent properties**.

Town of Alpine
SPECIAL USE PERMIT (SUP)

V. Duration and Expiration

This Special Use Permit shall remain valid for a period of **three (3) years** from the date of Town Council approval, unless otherwise extended in writing by the Town.
The permit shall automatically expire if the approved use has not commenced within this timeframe or if work ceases for more than twelve (12) consecutive months without written extension.

VI. Revocation

Failure to comply with any condition of approval, applicable Town codes, or representations made during the permitting process may result in **revocation of this permit** by action of the **Town Council**.

VII. Acknowledgment and Acceptance

By signing below, the Applicant acknowledges receipt of this Special Use Permit, agrees to all conditions contained herein, and accepts responsibility for compliance with the **Town of Alpine Land Use Development Code** and other applicable laws.

Applicant / Owner:

Signature: _____ Date: _____

Printed Name: _____

Town of Alpine – Authorized Official:

Town of Alpine
SPECIAL USE PERMIT (SUP)

Signature: _____ Date: __10/08/2025_____
Monica Chenault, Town Clerk



EXECUTIVE SUMMARY
ALPINE WATER SUPPLY LEVEL I MASTER PLAN

Wyoming Water Development Commission

August 2025

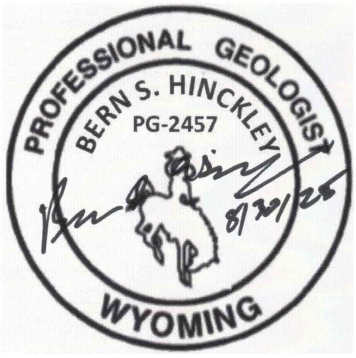
SUNRISE ENGINEERING

EXECUTIVE SUMMARY

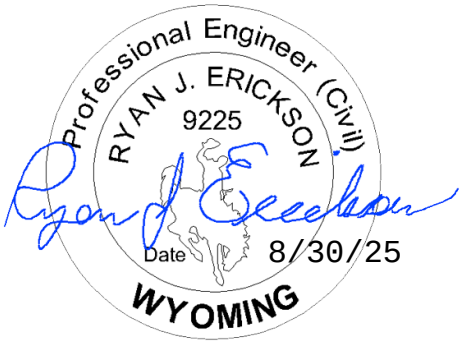
ALPINE WATER SUPPLY LEVEL I MASTER PLAN

Wyoming Water Development Commission

August 2025



Bern S. Hinckley, P.G.
State of Wyoming, No. 2457
Hinckley Consulting
419 S. 5th Ave.
Laramie, WY 82073



Ryan J. Erickson, P.E.
State of Wyoming, No. 9225

SUNRISE ENGINEERING

770 S. Washington St., Ste. A
Afton, WY 83110
(307) 885-8500
www.sunrise-eng.com

EXECUTIVE SUMMARY

1.0 INTRODUCTION

The Town of Alpine is an incorporated community at the north end of Lincoln County, Wyoming and is situated at the confluence of the Snake, Greys, and Salt Rivers. As of the 2020 U.S. Census, the Town population had grown to 1,220 people in an area of approximately 0.9 square miles. The Alpine water system was originally constructed for the Alpine Water and Sewer District in the early 1970's, which obtained water from a spring collection system near the Mill Creek area approximately 1 ¼ miles southeast of the Town. Due to variable flows from the springs and a drought in 1977, a well was drilled to provide a more reliable water source and outfitted with a 50 hp pump. A second well with a 40 hp pump was drilled in 1988, and the spring was later removed as a water source.

The Town of Alpine was incorporated in February 1989, at which time the water system and water rights were transferred to the Town. Two storage tanks were installed in 1996 to serve two pressure zones. A third well was drilled in 2008 as part of a WWDC Level II Study.

The Town has annexed numerous parcels into its boundaries over the years, including large developments north of the Snake River. Many of these areas were served by North Star Utility (NSU) for water and sewer. NSU water and sewer facilities were turned over to the Town in 2015, and were then connected across Snake River Bridge to the Town systems. The NSU system included two wells located at the Flying Saddle Resort, along with a 543K gallon storage tank located on US Forest Service (USFS) lands. Various parcels and developments have continued to be annexed, some served by existing water facilities and some not.

A large well located north of the Snake River was purchased by the Town in 2018 in exchange for connection credits and other considerations. Called the "Megawell" due to its apparent large production capability, the well serves two residential areas and is not currently connected to the Town system, although it has piping in close proximity to the former NSU system.

The Wyoming Water Development Commission (WWDC) contracted with Sunrise Engineering in April 2024 to conduct this Alpine Water Supply Level I Master Plan Study. The project sponsor is the Town of Alpine.

2.0 INFORMATION REVIEW

This section is a review of existing information from past relevant studies, other documents available from the sponsor, and Town data (development plans, zoning ordinance, etc.). It also contains a discussion of recommended improvements from previous studies and whether the improvements have been implemented.

Existing information gathered and reviewed during this study include the following documents:

1. WWDC Star Valley Regional Master Plan, Town of Alpine, Water System Investigation and Evaluation – 2009, Sunrise Engineering

2. WWDC Level II – Alpine Master Plan Update – 2009, Rendezvous Engineering
3. WWDC Alpine Junction Water Level I Study – 1995, Sunrise Engineering
4. Town of Alpine Master Plan, 2006
5. Town of Alpine Land Use & Development Code, 2025
6. Lincoln County Land Use Regulations
7. EPA Sanitary Surveys

3.0 INVENTORY AND EVALUATION

Information for the Alpine water system was collected from previous studies and record drawings. Site visits and information obtained from Town representatives were completed to verify and proof the existing mapping and to make an inventory of the system. Major system components were also visited on the ground and evaluated in the field.

Source

The Town of Alpine water system has three well sources as part of the Town water system located just south of the Town boundaries near Greys River Road. In addition, the Town obtained two additional wells located north of the Snake River as part of the purchase of the NSU water system. These wells have not been actively used since the water system connection across the Snake River Bridge was completed. The Town also obtained a well from a developer as part of negotiations regarding the proposed Alpine Lakes development (known colloquially as the Mega Well).

Table 1: Water Source Capacity Compared to Average Day Demand

Source	Permitted Capacity (gpd)	Permitted Capacity (gpm)	Current Production (gpm)
Alpine Well #1 Capacity (largest well, not included)	~~1,008,000~~	~~700~~	~~455~~
+ Alpine Well #2 Capacity	1,008,000	700	445
+ Alpine Well #3 Capacity	936,000	650	361
- Average Daily Demand (2050)	973,000	676	676
Excess Capacity =	971,000 gpd	674 gpm	130 gpm

While the WDEQ requirement to meet average day demand is met (see Table 1), the current water sources are utilized to their capacity during the summer months. During the past two summers, SCADA data show that all three

wells are running 24 hours per day for several days. This indicates that the wells cannot fill the tanks and catch up to demands over that time. Additional source capacity would help alleviate this issue.

A recent water main break in June 2025 illuminated the concern with all three wells being in one location. A source in another location would have allowed for filling of the tanks and supplying water to residents, even if under limited emergency conditions.

Table 2: Water Source + Storage Capacity Compared to Maximum Day Demand

	Permitted Capacity	Current Production
Well Capacity	2,952,000 gpd	1,815,840 gpd
+ Storage capacity	1,295,000 gallons	1,295,000 gallons
- 2 x Maximum daily demand (2050)	2 x 2,308,000 gpd	2 x 2,308,000 gpd
Capacity Deficit =	(980,000 gpd)	(1,505,160 gpd)

Based on this analysis (see Table 2), the system currently has a deficit of combined source and storage through the 25-year planning horizon of this study.

Water Treatment

Chlorination equipment installed in the Control Building adjacent to Alpine Wells #1, #2, and #3 is capable of chlorinating the water produced by those wells. A peristaltic pump injects disinfectant into the pipeline from a tank of sodium hypochlorite. The chlorine injection location is prior to water leaving the Control Building to either storage or the distribution system. Similar facilities are installed in the Megawell wellhouse for that system, consisting of a peristaltic pump to inject sodium hypochlorite into the system.

Transmission & Distribution Lines

The core of the transmission pipeline system consists of 10-, 8-, and 6-inch PVC pipes of varying type and condition running from the wellhouse to storage tanks, and to and through the downtown area. A connection across the Snake River Bridge uses 12-inch diameter ductile iron pipe.

The former NSU water system has a 12-inch PVC pipeline extending down from the storage tank to US Highway 26/89, and extends west to the junction of US Highway 89 and US Highway 26 (Alpine Junction). Other 8-inch PVC pipelines extend to and through Alpine Meadows Subdivision, Snake River Junction Subdivision, and Refuge Subdivision.

The distribution piping in the Town of Alpine system consists of mainly 6-inch piping, with some 8-inch and 4-inch diameter pipes. Many pipelines have been replaced with PVC C-900 pipe as the originally installed pipelines were sometimes constructed with non-municipal grade pipe and were subject to leaks.

Water Storage

Water storage in the Town of Alpine system is located on both sides of the Snake River. The main storage facility is the 500,000-gallon cylindrical reinforced concrete storage tank located just south of the Town on Forest Service property. A 250,000-gallon cylindrical reinforced concrete storage tank is also located south of Town on Forest Service property. The tank is located further up the hill, and water is gravity fed into the upper pressure zone. A 543,000-gallon cylindrical glass-fused-to-steel tank was constructed on the hill north of the Snake River as part of the Alpine Meadows Subdivision and North Star Utility (NSU) water system in approximately 2006. The overflow elevation of this tank was constructed to match that of the 500,000-gallon tank south of the Town in order to be compatible with the Town of Alpine water system.

While some individual WDEQ requirements show that source and storage are adequate, the combined source and storage are not adequate for maximum use days in the summer, which has been verified by the system operator. One reason that the system seems to operate with less capacity is likely the layout of the water system. The majority of the water use takes place south of the Snake River, estimated at 85% based on number of connections. Yet the south side of the river only has 58% of the storage capacity. Further yet, the Upper Tank (250K) is only available to the upper pressure zone, as the PRV valves are closed during typical operations to help protect against emptying tanks during a main break event. This leaves the majority of users to be served by essentially only 500,000 gallons of storage (about 39% of the total available).

Snake River Bridge Crossing

A visual inspection was conducted on the water pipeline crossing the Snake River Bridge using a drone to obtain photos and videos for the entirety of the pipe length. No issues such as damaged casing, damaged pipe, or apparent leaks were identified during the visual inspection, with the 10-year-old facility appearing to be in good shape. Sunrise Engineering also conducted a Heat System Assessment for the heat system installed with the water and sewer lines intended to prevent freezing in the pipes, which appeared to be working as intended.

System Management and Operation

The Town of Alpine is an incorporated municipality that owns and operates the water system along with other infrastructure (sewer system, road system, etc.). The Town has a water department with employees to operate and maintain the water system. Among these employees is the Public Works Director who is a certified operator, as well as other employees working on certification. Billing and bookkeeping are conducted by Town employees including the Public Works Administrator and Clerk/Treasurer. The system appears to be well managed, maintained, and operated.

Since the last master plan study in 2009, large areas in various stages of development north of the Snake River have been annexed into the Town boundaries. Other adjacent areas have also been annexed into the Town along with the major subdivisions. With the connection across the Snake River Bridge, all areas are served by one connected system with the exception of the areas served by the MegaWell. Individual services are metered, however the meters have limited capability for data collection.

GIS

The Town of Alpine does not currently utilize a geographic information system (GIS) for management of the water system. As part of this study, GPS data points were collected for all known valves, hydrants, wells, storage tanks, and so forth. Known information regarding pipes throughout the system was also added. This data will be provided to the Town as a base map for a GIS that can be used to manage the system.

4.0 HYDRAULIC MODEL

Hydraulic modeling was conducted to evaluate the current performance of the Alpine water system and to project future needs through 2050. The analysis was performed using Aquanuity's AquaTwin software, which simulated system behavior under various demand conditions.

Demand Scenarios Assessed:

- Average Day Demand (ADD): Total annual water use is divided by 365 days.
- Maximum Day Demand (MDD): Highest 24-hour water demand during the year.
- Peak Hour Demand (PHD): Highest single-hour demand on the system.

In addition to these scenarios, an Extended Period Simulation (EP) was performed to reflect real-world conditions, particularly during peak summer months when the wells reportedly run 24 hours a day for an extended period. While the system currently meets ADD, MDD, and PHD, the EP simulation identified areas of concern during prolonged high-demand periods, especially during peak summer months.

The model was developed to assess the system's ability to provide safe, reliable drinking water under current and future conditions. It also evaluated water age and fire flow capacity. Modeling followed standards set by the Wyoming Department of Environmental Quality (WDEQ), the Ten States Standards, and best practices from the American Water Works Association (AWWA) M32, 4th Edition.

The future scenario model builds upon the existing system by incorporating the recommended improvements to reflect projected 2050 conditions. These include upsizing pipes, enhanced pump performance, the addition of the Megawell, an extra 500,000 gallons of storage, and anticipated increases in system demand.

5.0 WATER SOURCES

The Alpine municipal water supply currently comes from 3 wells on the south side of Town, Well Nos. 1, 2, and 3. Included in the study are the Flying Saddle Wells No. 1 and 2, and the "Megawell", which are also owned by the Town.

The underlying bedrock carbonates (Mission Canyon and Lodgepole Limestones) have little intrinsic permeability, but are extensively deformed in the Alpine area, creating zones of greatly enhanced permeability. The fracturing

associated with the Grand Valley Fault Zone along the east side of the Alpine area appears to be the reason for dramatically higher well yields. Groundwater production from the Salt Lake Formation is notoriously variable throughout its area of occurrence in western Wyoming. In the Alpine area, however, experience suggests the formation generally contains too much fine-grained material (e.g. a conglomerate in a clay matrix) to be more than minimally productive. In contrast to the local Salt Lake Formation, the overlying alluvial deposits are generally quite permeable.

Based on the materials encountered by the Alpine-area wells, Well Nos. 1, 2, and 3 draw water from the older bedrock, limestone formations, whereas the Megawell is completed in the alluvial deposits associated with the Snake River terrace. With the bedrock Salt Lake Formation at 100 feet beneath the alluvial deposits, the Megawell appears to have encountered a particularly large thickness of productive material, i.e. something of a low spot in the topography upon which the alluvium was deposited.

Conclusions

- Well Nos. 1, 2, and 3 continue to perform well, have access to a deep-seated aquifer with abundant recharge, and should remain the core of the Alpine municipal water system.
- Additional pumping capacity may be available in all three wells at times of high aquifer water levels.
- Wells should be equipped with water-level monitoring equipment to allow flow modulation in response to large seasonal changes in background aquifer water levels.
- The Megawell was completed in a particularly favorable location, i.e. a relatively large thickness of highly-permeable sand and gravel. This makes the well extraordinarily productive (hence the name, “Megawell”).
- 1,200 gpm is recommended as a conservative design rate for the Megawell going forward. This rate would accommodate substantially lower aquifer water levels than have been tested to date and substantial decreases in aquifer transmissivity as sustained production draws upon areas of the aquifer beyond the reach of the testing conducted to date.
- The natural groundwater quality of the Alpine-associated aquifers is excellent.
- The required water-use reporting should be brought up to date to the extent possible, and routine reporting should be established going forward. A program should be instituted to measure and report the required water-level data.
- Alpine should request enlargement of the system-wide cap on groundwater production, both to reflect recent production history and to establish a margin for future growth. (This process has been initiated in association with re-permitting the Megawell as “Alpine Well No. 4", with a permit flow rate of 2500 gpm, and a system volumetric cap of 1800 ac-ft/yr (TFN 47-3-001). Also, the future use of the Megawell and the Flying Saddle wells will be “municipal”, rather than the present “miscellaneous”.

6.0 GROWTH AND DEMAND PROJECTIONS

The Town of Alpine is an incorporated municipality and a Town in the U.S. Census, with an area of 0.9 square miles. The Town was incorporated in February 1989, and so data for the community has been part of the U.S Census since that time. Annexations to the Town have occurred on occasion, with significant annexations north of the Snake

River since the purchase of the NSU water and sewer systems. Since incorporation, the Town of Alpine has been one of the fastest growing municipalities in Wyoming.

The number of water connections served by the Town of Alpine water system has increased over the years. This has been from infill of lots within the Town and additions through annexations. There are currently 663 connections on the Town system, each with a meter. Per the Sunrise 2009 report, the Town had 413 connections and 400 Equivalent Residential Units (ERUs) taking the varied usage for apartments and commercial units into account. Much of the growth since 2009 involved the purchase of the NSU water system, which served areas north of the Snake River.

When breaking out the original Town area connections (south of the Snake River) and comparing them to past studies, it is apparent that there has been significant growth in that area over the last 15 years. The resulting growth rate was over 15% from 2009 to 2024, which is an average annual growth rate of approximately 1%. This shows that while the bulk of the population growth for the Town of Alpine has been through annexation, growth within the historic Town boundaries has also been strong.

Based on review of population and service connection growth as described above, a community population growth rate of 1.0% will be assumed for the next 25 years. The projected population served by the Alpine system will increase as shown in Table 3. If actual growth rates experienced are higher, then those projected population numbers will be reached sooner.

Table 3: Projected Population and Water Connections Alpine (2020-2050 – 1.0% Growth Rate)

	2025	2030	2040	2050
Alpine System Population	1532	1610	1779	1965
Alpine System Connections	663	697	770	850

Table 4 shows the projected water use at a growth rate of 1%.

Table 4: Estimated Current and Future Water Demand

Period	Current Demand (2025)	Estimated Future Demand (2050)
Average Daily Water Use (gallons/day)	759,000	973,000
Maximum Daily Water Use (gallons/day)	1,800,000	2,308,000

With the demands experienced by the Town over recent years, employing water conservation measures would help to moderate increases in water use.

7.0 RECOMMENDATIONS AND COST ESTIMATES

Based on the analysis presented in this study several alternatives for improvements will be investigated. The Alpine system is lacking in source capacity and/or storage capacity at this time. The transmission system is in need of improvement to connect the Megawell to the system with adequate capacity for transmission of water from this large well. The distribution system has areas with aging pipelines that likely have leak issues. Alternatives are also presented for adding additional storage to the system as dictated by future demand. A project to replace all service and mainline meters is currently underway, with completion expected later this year. Because of this, no meter replacements are included in the examined alternatives. The estimated project costs are summarized in Table 5.

Table 5: Estimated Project Costs

Improvement 1	Connection to Megawell Water System	$405,000
Improvement 2	Increase Megawell Production	$1,830,000
Improvement 3	Additional 500K Gallon Storage Tank	$1,610,000
Improvement 4	Alpine Wellhouse Improvements	$255,000
Improvement 7	Upgrade Pipe to Lower Tank	$245,000

8.0 WATER SYSTEM FINANCING

System Finances

The Town of Alpine water system serves connections inside and outside of Town boundaries. Rates for connections within the Town are set by the Town Council. Rates for the Alpine Utility District are also set by the Council, but must be approved by the Wyoming Public Service Commission through their extensive process.

In April 2025, the Town Council passed an ordinance to prohibit additional water connections outside of Town boundaries. Nearly all of the areas originally serviced by the NSU system have been annexed into the Town; essentially the only served area outside of Town boundaries is The Refuge development at the Alpine Airpark, of which roughly 2/3 of the lots have been developed.

Current rates are close to Wyoming statewide averages per the 2022 Public Water System Survey Report produced by the Wyoming Water Development Commission. The average monthly water bill for Alpine is approximately $65. For a monthly use of 5,000 gallons, the bill would amount to $41; for 10,000 gallons would be $51; and for 20,000 gallons would be $71. Use of increasing block rate billing could provide more revenue while promoting water conservation.

The following is a summary of the Town's water system income and expenses:

- The water fund is self-supporting. Over the last five years income has exceeded expenses except for one year in which capital expenses occurred.
- Expenses have increased over the last five years, and income has also increased.
- The water fund has reserve accounts for emergencies and future capital projects. It appears that the account balances have been relatively stable.
- Existing debt payments are manageable and will be paid off in the next six years.

The Town has expressed a desire to raise connection fees in the near future to cover demands to a growing system and to ensure payment for connection materials.

Project Funding Scenarios

This study will review three funding scenarios for the Alternatives and Phases identified in Section 7. The scenarios are:

1. No State or Federal Funding Assistance.
2. WWDC funding for 50% grant 50% loan for eligible costs. All other costs by loan from other sources.
3. WWDC funding for 50% grant eligible costs. All other costs from one of the following:
    a. Wyoming Drinking Water State Revolving Fund Program (DWSRF)
    b. USDA Rural Utilities Series (RUS)

A table showing each scenario for each improvement, along with the potential debt service and affect to user rates are included in the study.

9.0 CONCLUSIONS

Maintenance

The Town of Alpine water system is in good condition. The main system was constructed in the 1970's to 1990's and has seen a number of pipeline replacements over the last 30 years. Some of the existing components currently need repair and replacement. The Town should plan and budget to continue with pipeline replacements, repairs at the wells and wellhouses, and replace cathodic protection and seals at the NSU Tank.

Source

The water sources are in good condition with good water quality but are operating under full capacity. The current system configuration is utilizing the three Alpine wells on the south side of the Snake River to serve users on both sides. The Flying Saddle wells are currently not operational. The Megawell currently only serves a limited area. While there is some redundancy in source for the system, improvements could strengthen the source situation.

Storage

The Alpine water system has nearly 1.3 million gallons of storage serving two pressure zones and on both sides of the Snake River. Based on analysis in this study, additional storage would help operations during maximum day demands in the summer, particularly south of the Snake River in the lower pressure zone where the majority of the demand is seen.

Transmission

The Alpine system has transmission lines from the wellhouse to the storage tanks that are currently 8-inch diameter, which is smaller than ideal under current conditions and will present a larger bottleneck as the wells are brought to full capacity. Transmission lines extending from the wellhouse and tanks into the center of Town are acceptable as there is a network of pipelines allowing for multiple flow paths. Fire flow capacity is acceptable throughout the service area assuming typical residential use fire flow requirements.

Transmission lines north of the Snake River are acceptable under current conditions. When the Megawell is added to the system and the pump enlarged to produce 1,200 gpm, there will be bottlenecks in the piping between the well and the storage tank. Fire flow capacity is acceptable throughout the service area assuming typical residential use fire flow requirements.

Water Losses

Water loss in the Alpine system is suspected due to water at the service meters accounting for much less than the calculated water that is being produced by the wells and delivered to the tanks. Soils in the service area are very rocky and coarse, which would allow significant leaks to continue undetected from the surface. It is unknown where water may be leaking and lost, and further investigation is needed to determine locations of leaks.

Finances

Water rates, income and expenses of the Alpine system were reviewed as part of this report. The Town's water income is greater than the expenses and the system actively maintains and builds a reserve. The system has two Drinking Water SRF loans that will be paid off in 2031 and a local loan that will be paid off in 2026. The additional available budget should be used for making needed repairs to some of the aging infrastructure in the system.



ALPINE WATER SUPPLY LEVEL I MASTER PLAN

Wyoming Water Development Commission

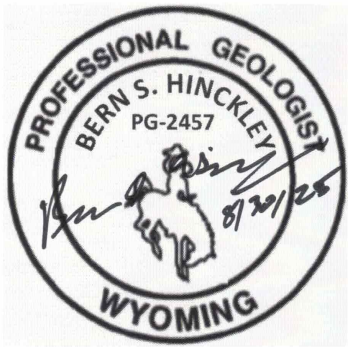
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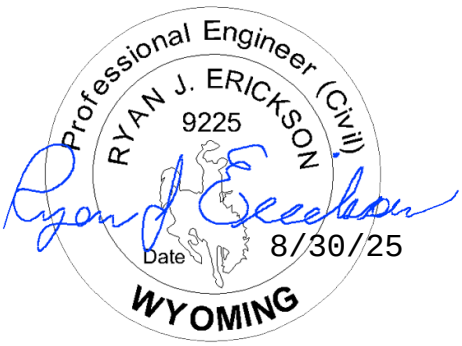
ALPINE WATER SUPPLY LEVEL I MASTER PLAN

Wyoming Water Development Commission

August 2025



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1.0 INTRODUCTION

The Town of Alpine is an incorporated community at the north end of Lincoln County, Wyoming and is situated at the confluence of the Snake, Greys, and Salt Rivers (see Figure A in Large Figures for service area). As of the 2020 U.S. Census, the Town population had grown to 1,220 people in an area of approximately 0.9 square miles. The Alpine water system was originally constructed for the Alpine Water and Sewer District in the early 1970's, which obtained water from a spring collection system near the Mill Creek area approximately 1 ¼ miles southeast of the Town. Due to variable flows from the springs and a drought in 1977, a well was drilled to provide a more reliable water source, and outfitted with a 50 hp pump. A second well with a 40 hp pump was drilled in 1988 (Sunrise Engineering, 2009).

The Town of Alpine was incorporated in February 1989, at which time the water system and water rights were transferred to the Town. Following an E. coli outbreak in 1998, the springs were removed as a source of the water system as they were the suspected source. Two storage tanks were installed in 1996 to serve two pressure zones. A third well was drilled in 2008 as part of a WWDC Level II Study (Rendezvous Engineering, 2009).

The Town has annexed numerous parcels into its boundaries over the years, including large developments north of the Snake River. Many of these areas were served by North Star Utility (NSU) for water and sewer. NSU water and sewer facilities were turned over to the Town in 2015, and were then connected across Snake River Bridge to the Town systems. The NSU system included two wells located at the Flying Saddle Resort, along with a 543K gallon storage tank located on US Forest Service (USFS) lands. Various parcels and developments have continued to be annexed, some served by existing water facilities and some not.

A large well located north of the Snake River was purchased by the Town in 2018 in exchange for connection credits and other considerations. Called the "Megawell" due to its apparent large production capability, the well serves two residential areas and is not currently connected to the Town system, although it has piping in close proximity to the former NSU system.

The Wyoming Water Development Commission (WWDC) contracted with Sunrise Engineering in April 2024 to conduct this Alpine Water Supply Level I Master Plan Study. The project sponsor is the Town of Alpine.

2.0 INFORMATION REVIEW

This section is a review of existing information from past relevant studies, other documents available from the sponsor, and Town data (development plans, zoning ordinance, etc.). It also contains a discussion of recommended improvements from previous studies and whether the improvements have been implemented.

Existing information gathered and reviewed during this study include the following documents:

1. WWDC Star Valley Regional Master Plan, Town of Alpine, Water System Investigation and Evaluation – 2009, Sunrise Engineering
2. WWDC Level II – Alpine Master Plan Update – 2009, Rendezvous Engineering
3. WWDC Alpine Junction Water Level I Study – 1995, Sunrise Engineering
4. Town of Alpine Master Plan, 2006
5. Town of Alpine Land Use & Development Code, 2025
6. Lincoln County Land Use Regulations
7. EPA Sanitary Surveys

2.1 WWDC STAR VALLEY REGIONAL MASTER PLAN (2009) – TOWN OF ALPINE

The 2009 Star Valley Regional Master Plan (Sunrise Engineering, 2009) investigated the concept of regionalizing water systems in the Star Valley area. The study sponsored by the Lincoln County Board of Commissioners compiled information and evaluated 19 public water systems. The "Water System Investigation and Evaluation" for the Town of Alpine system, included as Appendix A to the report, noted:

- Several areas north of the Snake River were being investigated for annexation into the Town.
- The system had two sources, Alpine Wells No. 1 and No. 2. A third well was being put into service.
- The system had excess capacity of approximately 167,000 gpd, enough for 79 ERUs.
- The system had excess storage capacity of 286,000 gallons.

2.2 WWDC LEVEL II ALPINE MASTER PLAN UPDATE (2009)

The Level II report noted:

- Population growth within the Town and potential for annexation of areas outside the Town (particularly north of the Snake River) were significant.
- The North Star Utility water system north of the Snake River was constructed with potential future connection to the Town system in mind. The infrastructure is well positioned for expansion into a regional water system.
- Proposed improvements included expansion of well capacities as well as piping connectivity to the storage tanks and central Town areas. Extending piping across the Snake River is also discussed.

2.3 PREVIOUS PROJECTS

2.3.1 WWDC Level III Project - 2010

A Level III construction project funded by WWDC began in 2010 to complete the connections to Well #3 along with other various upgrades. The project, designed by Rendezvous Engineering, included upgrades to piping and electrical components in and near the wellhouse, along with addition of a backup generator and replacement of all three well pumps with new 75 hp pumps.

2.3.2 Purchase of North Star Utility Systems

North Star Utility (NSU) constructed water and sewer systems to serve various developments located north of the Snake River, including the Alpine Meadows, Snake River Junction, Flying Saddle, Targhee Landing, and Refuge Subdivisions. The systems were initially constructed in approximately 2006. Operations of these private systems were subject to the Wyoming Public Service Commission. Many developments were provided with water and sewer service while some were only provided with water service. These utility systems were sold to the Town of Alpine in 2015 at which time operations were assumed by the Town. The sale included over 20,000 feet of transmission and distribution piping, two water wells located near the Flying Saddle resort, and a 543,000-gallon storage tank located on Targhee National Forest lands north of the Snake River. Piping and appurtenances to and throughout these developments were included in the purchase.

2.3.3 Expansion Across Snake River Bridge

With the completion of the purchase of the NSU water and sewer systems, a project was completed to expand the Town of Alpine systems south of the Snake River to connect to the NSU systems north of the river. This project moved forward in 2015 with installation of a 12-inch ductile iron water pipe complete with heat trace equipment, insulation, and 20-inch steel outer casing. A 6-inch ductile iron sewer pipe was installed in a similar manner. These connections to the Town systems were accomplished by attaching the piping under the Snake River Bridge on hangars.

2.3.4 Purchase of Megawell

A large 16-inch well was constructed in 2017 by developer William Wiemann to serve the proposed Alpine Lakes development along with other residences. The well and other facilities were sold to the Town in 2018 in exchange for connection credits and other considerations. Called the "Megawell" due to its apparent large production capability (initially tested at 2,500 gpm), the well serves two residential areas (Targhee Place and Capital Lodge) and is not currently connected to the Town system, although it has piping in close proximity to the former NSU system.

2.3.5 Water Pipe Replacement Projects

Various water pipe replacement projects have been completed since the last master plan report. Replacement of pipe along Meadows Drive and a portion of East Mill Road was completed in 2011. Pipe replacement along the west side of Greys River Road from the Bank of Star Valley to the Forest

boundary was completed in 2022. The replacement projects generally replaced failing pipe that was non-municipal grade with PVC C-900 water pipe and appurtenances.

2.4 TOWN OF ALPINE INFORMATION

The Town of Alpine Master Plan and Land Use Regulations were reviewed as part of this Study. The Master Plan adopted October 25, 2006 covers general information regarding various topics of land use. The Master Plan discussed the significant number of lots within Town boundaries that had not yet been developed. Developments anticipated near the Town, such as Alpine Meadows and Snake River Junction, have since been annexed into the Town, approved, and significantly developed. The Plan discussed future improvements to the water system which have since been completed (well pump upsizing, additional well, expansion across Snake River bridge). Average day water usage was estimated at approximately 150,000 gallons per day, with a maximum day of 720,000 gallons per day with significant unmetered irrigation use. The Town is currently working on an update to the Master Plan, with the completed update expected later in 2025.

The Town of Alpine Land Use and Development Code has been updated periodically over the years with the latest version adopted in November 2023. There is currently an updated 2024 version recommended by the Planning and Zoning Board but has not yet been approved by the Town Council. The Code addresses the water utilities in the Town generally with respect to zoning and development of the Town.

Current zoning maps for the Town include areas with the following zones shown in Table 2.1:

Table 2.1 Town of Alpine Zoning Designations

ABBREVIATION	ZONING DESIGNATION
C	Commercial
LI	Light Industrial
MRC	Mixed Residential & Commercial
PDF	Public and Community Facilities
R-1	Single Family Residential
R-2	Multi-Unit Residential
RC	Recreation and Conservation

The latest Town zoning map includes the Alpine Meadows annexation but not subsequent annexations.

2.5 LINCOLN COUNTY INFORMATION

The Lincoln County Comprehensive Plan and Land Use Regulations were reviewed as part of this Study. The Comprehensive Plan adopted July 6, 2005 covers general information regarding various topics of land use. Overlay Districts in Lincoln County are used in combination with zones to establish and maintain heritage and character of the unique area of the county and protect the critical resources of the county. Whenever

an Overlay District is used with zones, the more restrictive provisions required by the Overlay prevail for the area involved.

The Town of Alpine is surrounded by the Alpine Community Plan Area overlay zone. This overlay calls for restrictions on certain land uses depending on zone as follows:

1. The following uses shall not be allowed in the Mixed Zone of the Alpine Community Plan Area: Commercial Storage Units, Mobile Home Parks, and Commercial Storage Yards.
2. The following uses shall not be allowed in the Rural Zone of the Alpine Community Plan Area: Truck Stops and Man Camps.

The Alpine Community Plan Area includes all private lands north of the Snake River, and also extends roughly 4 miles south of the Town to Stewart Trail County Road #106. The area surrounding the Town of Alpine has a mix of Mixed, Rural, and Recreation zones.

2.6 EPA SANITARY SURVEYS

Sanitary surveys are conducted on public water systems by Environmental Protection Agency (EPA) representatives on a regular basis every 3 to 5 years. The latest surveys for the Alpine water system can be found in Appendix B.

3.0 INVENTORY AND EVALUATION

Information for the Alpine water system was collected from previous studies and record drawings. Site visits and information obtained from Town representatives were completed to verify and proof the existing mapping and to make an inventory of the system. Major system components were also visited on the ground and evaluated in the field.

A map of the Alpine water system is shown in Figure B in Large Figures.

3.1 EVALUATION OF WATER SYSTEM COMPONENTS

3.1.1 Water Source

The Town of Alpine water system has three well sources as part of the Town water system: UW 39163 Alpine Water District Well #1; UW 77717 Alpine Water & Sewer District Well #2; UW 198240 Alpine Well #3. All three wells are located just south of the Town boundaries near Greys River Road. A detailed analysis of the sources is included in Section 5.0.

In addition, the Town obtained two additional wells located north of the Snake River as part of the purchase of the NSU water system: UW 101241 Flying Saddle Lodge Well #1; UW 101242 Flying Saddle Lodge Well #2. These two wells are located at the Flying Saddle Lodge property at the mouth of Snake River Canyon. These wells have not been actively used since the water system connection across the Snake River Bridge was completed.

The Town also obtained a well from a developer as part of negotiations regarding the proposed Alpine Lakes development: UW 206257 Excel Development Well #1 (also known colloquially as the Mega Well). This well currently serves the Targhee Place, Alpine Lakes, and Timberview Apartments developments, and is not connected to the Town system. The well is located in the partially completed Alpine Lakes development.

This Section contains an analysis of the sources ability to meet the current and future demands of the system. For the purposes of this evaluation, source capacity is analyzed based on current Wyoming Department of Environmental Quality Rules and Regulations (WDEQ, 2023) in units of gallons per day (gpd).

1. *Groundwater source development shall include two wells that are each capable of supplying the average daily demand with the largest well out of service, (WDEQ, 2023, p. 12-22).*

Table 3.1 Water Source Capacity Compared to Average Day Demand

Source	Permitted Capacity (gpd)	Permitted Capacity (gpm)	Current Production (gpm)
Alpine Well #1 Capacity (largest well, not included)	~~1,008,000~~	~~700~~	~~455~~
+ Alpine Well #2 Capacity	1,008,000	700	445
+ Alpine Well #3 Capacity	936,000	650	361
- Average Daily Demand (2050)	973,000	676	676
Excess Capacity =	971,000 gpd	674 gpm	130 gpm

The estimated flow rates of the various wells were taken from past studies and adjudicated flow rates. Flow measurements taken during this study for Alpine Wells #1, #2, and #3 indicated that the wells are currently operating at lower flow rates than what is permitted. Per the operator, running the wells at full production can result in tripping electrical breakers (or some other unknown fault), so the current production flowrate as shown in the table is somewhat less (observed as 52 Hz on variable frequency drives, and motor speed of roughly 3080 rpm versus full speed of 3450 rpm).

Production from the Flying Saddle wells was not included as they are currently not in use due to broken equipment and are isolated from the system by closed valves. Production from Excel Development #1 Well was not included as it is currently not connected to the Town water system.

The latest U.S. Environmental Protection Agency (EPA) sanitary survey of the Town of Alpine water system was conducted on July 24, 2024, which was received by the Town in April, 2025. Deficiencies were noted for the two Flying Saddle wells as they were considered inactive but are still connected to the water system and isolated by a gate valve. These wells must either be physically disconnected from the system (along with the buried chlorine contact tank), or corrective action taken to consider them active in the system.

While the WDEQ requirement to meet average day demand is met, the current water sources are utilized to their capacity during the summer months. During the past two summers, SCADA data show that all three wells are running 24 hours per day for several days. This indicates that the wells cannot fill the tanks and catch up to demands over that time. Additional source capacity would help alleviate this issue.

A recent water main break in June 2025 illuminated the concern with all three wells being in one location. The main broke in front of the wellhouse, so all three wells were disconnected from the system until repairs were completed. A source in another location would have allowed for filling of the tanks and supplying water to residents, even if under limited emergency conditions. As it was,

the tanks were completely emptied before repairs were completed, prompting a boil order by EPA due to low system pressure.

2. *Groundwater source development shall include one well and finished water storage that together equal twice the maximum daily demand (WDEQ, 2023, p. 12-22).*

Table 3.2 Water Source + Storage Capacity Compared to Maximum Day Demand

	Permitted Capacity	Current Production
Well Capacity	2,952,000 gpd	1,815,840 gpd
+ Storage capacity	1,295,000 gallons	1,295,000 gallons
- 2 x Maximum daily demand (2050)	2 x 2,308,000 gpd	2 x 2,308,000 gpd
Capacity Deficit =	(980,000 gpd)	(1,505,160 gpd)

Based on this analysis the system currently has a deficit of combined source and storage through the 25-year planning horizon of this study. Per WDEQ Water Quality Rules & Regulations Chapter 12 (which were updated in 2023 and now include references to the Ten States Standards), excess storage capacity is discouraged due to impacts on water quality. A combination of additional source and additional storage is likely the best option to meet the above-mentioned WDEQ requirements. Again, production from the Megawell was not included as it is currently not connected to the Town water system.



Figure 3-1 Alpine Well #1 and Wellhouse

3.1.2 Water Treatment

Chlorination equipment installed in the Control Building adjacent to Alpine Wells #1, #2, and #3 is capable of chlorinating the water produced by those wells. A peristaltic pump injects disinfectant into the pipeline from a tank of sodium hypochlorite. The chlorine injection location is prior to water leaving the Control Building to either storage or the distribution system.

Similar facilities are installed in the Megawell wellhouse for that system, consisting of a peristaltic pump to inject sodium hypochlorite into the system.

The latest U.S. Environmental Protection Agency (EPA) sanitary survey of the Town of Alpine water system was conducted on July 24, 2024. The Town received the report from the survey in April, 2025. No deficiencies were noted for the treatment facilities. A recommendation was made to provide redundant treatment equipment and/or spare parts to prevent future interruption in treatment.

3.1.3 Transmission Lines

There is one 10-inch pipe and one 8-inch pipe running from the Control Building to the valve cluster just east of Greys River Road. From that point, there is an 8-inch pipe running to the 500,000-gallon tank, along with 8-inch and 10-inch lines running along the west and east sides of Greys River Road toward the center of Town. In addition, there is an 8-inch pipeline running east from the Control Building to the system.

A pipeline running along the north side of US Highway 89 serves the central business district of Town using 6- and 8-inch pipes. There are four highway crossings consisting of 4-inch, 8-inch, and 10-inch diameter pipes. An 8-inch pipe continues west along the highway to serve the River View Meadows area. As discussed in Section 2.3.3 above, a connection across the Snake River Bridge was installed in 2015 to connect the Town water system to the former NSU water system north of the river. This connection uses 12-inch diameter ductile iron pipe.

The former NSU water system has a 12-inch pipeline extending down from the storage tank to US Highway 26/89, and extends west to the junction of US Highway 89 and US Highway 26 (Alpine Junction). Other 8-inch pipelines extend to and through Alpine Meadows Subdivision, Snake River Junction Subdivision, and Refuge Subdivision.

Per the 2009 WWDC study (Rendezvous, 2009), the original Alpine water system was constructed beginning in the 1970's with non-municipal grade pipe and depths of less than 6 feet. Much of that pipe has been replaced over the years as areas had issues with water main breaks. Known recent pipeline improvements are listed in Section 2.3.

The former NSU water system was constructed in the Alpine Meadows Subdivision in 2006 and 2007 using municipal grade (AWWA C900 Class 150) PVC pipe. Additional piping was later installed to serve various developments such as Snake River Junction (with AWWA C909 PVC pipe) and Refuge (with AWWA C900 PVC pipe).

3.1.4 Distribution Lines

The distribution piping in the Town of Alpine system consists of mainly 6-inch piping, with some 8-inch and 4-inch diameter pipes. As mentioned in the previous section, many pipelines have been replaced with PVC C-900 pipe as the originally installed pipelines were sometimes constructed with non-municipal grade pipe and were subject to leaks.

The pipelines throughout the Town of Alpine system are generally in good condition due to age, as many areas were constructed in the last 30 to 40 years. There are also likely many areas in the system that still use the older non-municipal grade pipe that will require replacement in the near future. Leaks can be difficult to locate due to the granular nature of the soils in the area, so system operation may be affected for a long period of time before the problem can be isolated and repaired.

The latest U.S. Environmental Protection Agency (EPA) sanitary survey of the Town of Alpine water system was conducted on July 24, 2024, which was received by the Town in April, 2025. One deficiency was noted for a high hazard cross-connection at the wastewater treatment plant that requires a reduced pressure backflow assembly (RPZ) or air gap instead of the current dual check valve.

3.1.5 Water Storage

3.1.5.1 Current Storage

Water storage in the Town of Alpine system is located on both sides of the Snake River. The main storage facility is the 500,000-gallon cylindrical reinforced concrete storage tank located just south of the Town on Forest Service property. The tank was constructed in 1996 and is in good condition. The tank is mostly buried, which theoretically keeps significant ice from forming in the tank. Water is delivered to the tank through an 8-inch pipeline, and water is gravity fed into the lower pressure zone through a 10-inch pipeline. Water is also delivered to the higher 250,000-gallon tank through a 6-inch line with duplex 15-hp booster pumps.

The 250,000-gallon cylindrical reinforced concrete storage tank is also located south of Town on Forest Service property. This tank was constructed in 1996 and is also partially buried to protect from freezing. The tank is located further up the hill, and water is gravity fed into the upper pressure zone.

A 543,000-gallon cylindrical glass-fused-to-steel tank was constructed on the hill north of the Snake River as part of the Alpine Meadows Subdivision and North Star Utility (NSU) water system in approximately 2006. The overflow elevation of this tank was constructed to match that of the 500,000-gallon tank south of the Town in order to be compatible with the Town of Alpine water system. A survey completed during this master plan indicated that the overflow elevations are roughly equal (within 2 inches or so). The tank is served by a 12-inch pipeline.

The NSU Tank has cathodic protection installed to protect components from corrosion. It is unknown if cathodic bars have been replaced since construction of the tank, or if interior seams have been resealed.



Figure 3-2 Alpine 500K (Lower) Storage Tank

The latest U.S. Environmental Protection Agency (EPA) sanitary survey of the Town of Alpine water system was conducted on July 24, 2024. The Town received the report from the survey in April, 2025. No deficiencies were noted for the storage facilities. A recommendation was made to install telemetry equipment in the NSU tank to better control tank levels.

3.1.5.2 Future Storage Capacity

Referenced by WDEQ Water Quality Rules & Regulations (WQRR) Chapter 12 Section 15, the Ten States Standards (TSS) Section 7.0.1 states that "storage facilities shall have sufficient capacity, as determined from engineering studies, to meet domestic demands, and where fire protection is provided, fire flow demands." The section also says that "excessive storage capacity should be avoided to prevent potential water quality deterioration problems."

Lincoln County has adopted the 2006 International Building Code, Appendix B, C and D for fire flow for buildings, fire hydrant locations and distribution and fire apparatus access roads. These appendices are in the Lincoln County Land Use Regulations, Appendix N.

The regulations state that for one and two-family dwellings having a fire flow calculation area which does not exceed 3,600 square feet, the fire flow shall be 1,000 gpm. Fire flow

calculation area generally refers to the total floor area of all floor levels within the exterior walls of the structure. Fire-flow and flow duration for one and two-family dwellings larger than 3,600 square feet and for buildings other than one and two-family dwellings are required to follow Table B105.1 (See Lincoln County Land Use Regulations Appendix N).

Fire flows and durations in Table B105.1 range from a minimum of 1,500 gpm for a duration of two hours to 8,000 gpm for a duration of four hours. The flows and durations are based on building size and construction type. Many of the dwellings in the Alpine area would be estimated to be less than 3,600 square feet, with exceptions for some larger commercial buildings. Fire flow calculations for individual structures were not completed for this study, and it is unknown if the large buildings have automatic fire sprinkler systems in place. A fire flow rate of 1,000 gpm is a good target minimum for residential areas, although the central business district will likely require 1,500 gpm or more.

Assuming a two-hour fire event and the previously mentioned fire flow rate, a fire storage amount of 120,000 gallons will be used.

WDEQ Rules & Regulations Chapter 12 Section 10 (i) (WDEQ, 2023) states the following:

(i) Where the finished water storage volume that floats on the distribution system is not capable of supplying the maximum daily demand, the proposed design shall include alternative power for the finished water pumps that demonstrates:

(i) The combined finished water storage volume and pumping capacity supplied by alternative power will be at least adequate to provide the maximum daily demand; and
(ii) The alternative power source will include engine generators, engine drive pumps, or a second independent electrical supply that will provide sufficient power to run the system.

Existing and projected 2050 demands for this redundancy requirement are shown in Table 3.3.

Table 3.3 WYDEQ Redundancy Requirement with Fire Flow

	Existing (2025) (gallons)	Projected (2050) (gallons)
Maximum Daily Demand	1,800,000	2,308,000
+ Fire Protection	120,000	120,000
- Pumping Capacity w/ backup power	1,815,840	2,952,000
- Storage Capacity	1,295,000	1,295,000
Excess Redundancy	1,190,840	1,819,000

If the design fire flow is increased to 1,500 gpm, this would decrease the capacity excess by 60,000 gallons.

While some individual WDEQ requirements discussed above show that source and storage are adequate, Table 3.2 above indicates that the combined source and storage are not adequate for maximum use days in the summer, which has been verified by the system operator. One reason that the system seems to operate with less capacity is likely the layout of the water system. The majority of the water use takes place south of the Snake River, estimated at 85% based on number of connections. Yet the south side of the river only has 58% of the storage capacity. Further yet, the Upper Tank (250K) is only available to the upper pressure zone, as the PRV valves are closed during typical operations to help protect against emptying tanks during a main break event. This leaves the majority of users to be served by essentially only 500,000 gallons of storage (about 39% of the total available).

3.1.6 SCADA Evaluation

As of this writing, the Alpine water source Supervisory Control and Data Acquisition (SCADA) system includes real-time monitoring and recording of the daily run times (minutes) of each of the pumps in Well Nos. 1, 2, and 3 and in the Megawell. Flow rates are reported for Well Nos. 1, 2, and 3, but are unstable and widely variable. For example, Figure 3-3 is a screen capture from October 2024 showing the wild variations in SCADA-reported flow rates for Well No. 1. Thus, the system computes pumped volumes based on SCADA pre-set pumping rates of 450, 350, and 515 gpm for the three wells, respectively. No volume data are produced for the Megawell. The source of those discharge rates has not been identified, but independent measurements by Sunrise Engineering on April 8, 2025 document rates of 455, 445, and 361 gpm for Well Nos. 1, 2, and 3 respectively. Town personnel report (consistent with observations for this report) that these pumps run at constant rates (i.e. VFDs are not used to modulate flow).

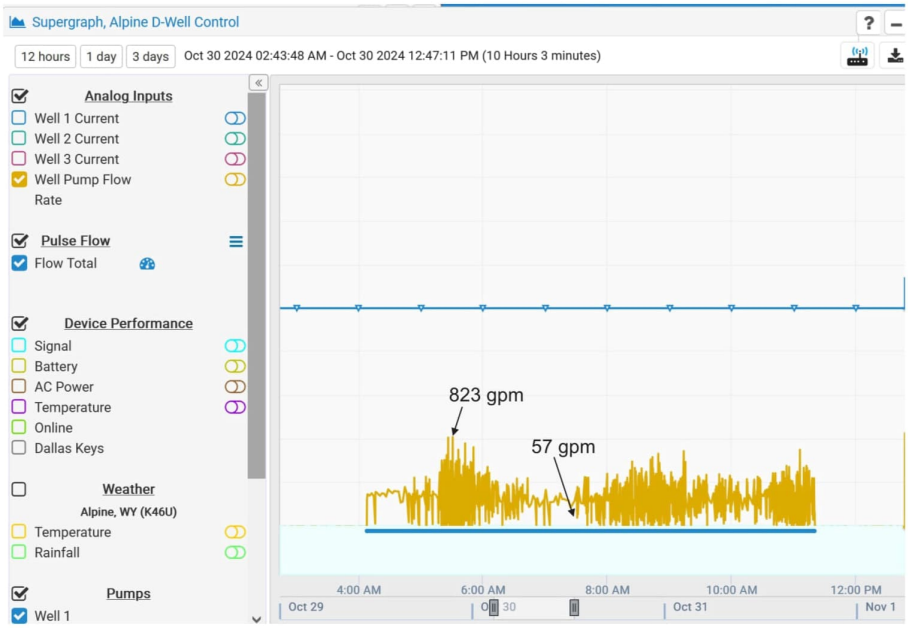


Figure 3-3 Alpine Well No. 1 SCADA Discharge Trace – October 2024

SCADA system pressure on 9/13/2024 read 66.5 psi, while wellhouse gage read 82 psi. Thus, it's not clear where the SCADA system was reporting pressure or if the readings are simply in error.

As a semi-quantitative check on the well production rates, combined with drawdown measurements for this report, they produce specific capacity values reasonably consistent with Table 1, whereas the SCADA pre-set rates do not.

No well water level data are monitored for any of the Alpine wells, nor is there installed equipment to do so. The water level data for this report were measured with an electric sounder. Wellhead metering should be improved and integrated into a stable and reliable SCADA system.

The SCADA system also provides water levels in the primary and upper storage tanks at 2-minute intervals. Assuming the primary and north storage tanks function together without substantial water-level lags, water demands and pump inflow rates can be estimated by examination of tank drain and fill rates, respectively. (Drain rate is a direct measure of system use; that rate, combined with the fill rate, gives the total input to the tank.) Select examination of tank levels is also reasonably consistent with the pump discharge rates measured for the present report. Figure 3-4 presents the automatic operation of the three Alpine wells in response to SCADA-monitored storage tank levels. Additional wells are brought on if the storage level continues to decline.

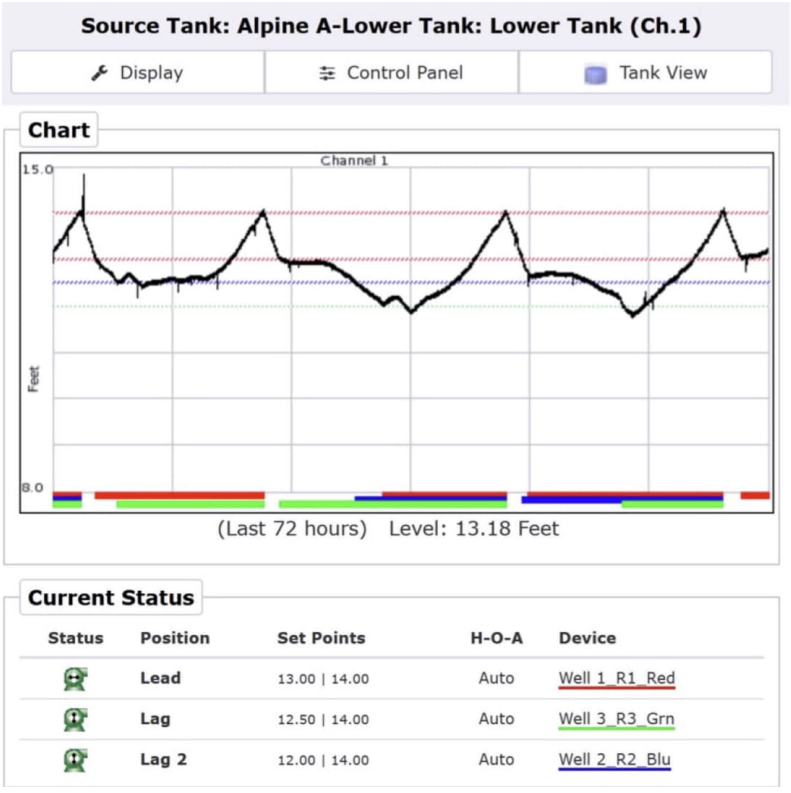


Figure 3-4 Tank Level Set Points for Well Operation

Daily, monthly, and annual water use has been estimated for this report by applying the measured pump discharge rates to the SCADA-archived daily run times. The observed flow of the Megawell varies between 40 and 400 gpm as a function of VFD modulation so volumes cannot be estimated based on runtimes. The only Megawell production data located for the present report are from a manual log started in November, 2024, based on the totalizer readings at the wellhead.



Figure 3-5 NSU 543K Storage Tank

3.2 SNAKE RIVER BRIDGE CROSSING

At the beginning of this master plan study, the Public Works Director expressed his concerns regarding the water pipeline that crosses the Snake River on the Snake River Bridge. His concern is that any issues that may occur with this pipeline would leave the service area north of the river with no water, as the Flying Saddle wells are currently not operational. If a failure occurs during the winter months, it may be nearly impossible to make the repairs in a timely manner. It was decided to use a portion of the Discretionary funds for this project to conduct a visual inspection of the pipeline using a drone. A check of the heat trace system would also be included.

The water pipeline (as well as a sewer force main pipeline) was installed on the bridge as part of a 2015 project to connect water and sewer facilities on the north side of the Snake River (formerly owned by NSU) to the Town systems on the south side. For the water connection, roughly 540 feet of 12-inch diameter ductile iron pipe with restrained joints was installed with polyurethan foam insulation within a 20-inch steel casing. The pipeline is installed on hangers at 10-foot spacing below the bridge deck. A heat trace system was installed with the pipe to prevent freezing.

3.2.1 Visual Inspection

On December 11, 2024, a visual inspection was conducted on the pipeline using a drone to obtain photos and videos for the entirety of the pipe length (over 800 photos in JPG format were taken at various elevations and zoom levels; eight videos in MP4 format were also captured). These photos and videos were carefully reviewed to see if any abnormalities were visible. No issues such as damaged casing, damaged pipe, or apparent leaks were identified during the visual inspection, with the 10-year-old facility appearing to be in good shape. The digital files for these photos and videos are part of the deliverables for this report.

3.2.2 Heat Trace System

Sunrise Engineering conducted a Heat System Assessment at the bridge on Highway 89 crossing the Snake River. The goal of this assessment was to determine if the heat system is functioning properly and to make recommendations for yearly inspections to ensure that the system continues to function properly.

System Description: One 12" DIP Water Pipe and one 6" DIP Sewer Pipe are installed under the deck of the bridge crossing the Snake River. Both pipes have been installed with heat tracing cable to prevent freezing in the pipes. Per the design drawings, the heat tracing is installed inside conduit which has been strapped to the pipes. Each pipe has been installed in an insulated pipe casing.

Each pipe is equipped with a Urecon UTC-2030 Electric Thermostat (Controller) which is designed to control the heating cables with a total current draw per thermostat not to exceed 30A (installation instructions for the system were found during an online search, see Appendix C). Each controller powers two heat trace cables and one sensor cable installed which are installed to its respective pipe. The sensor cable allows the controller to automatically maintain the temperature above freezing. The controllers are installed on an equipment rack located north of the bridge on the west side of the highway. Electric utility service is installed on the same equipment rack. Each controller is fed from an existing distribution panel with a 2-Pole, 30A circuit breaker.

Each controller is equipped with an indication light which provides the status of the heating system. The indication light has four modes:

- Green: Power On

  This mode indicates that the power supply to the controller is 'on' and the pipe temperature at the sensor is above the setpoint. If there is no light the power supply is 'off'.

- Amber: Cable On

  This mode indicates that the power is On and that the controller is calling for heat.

- Red: Alarm, Cable Off

  This mode indicates that there is an alarm condition and that the controller is not calling for heat.

- Red & Amber (alternating): Alarm, Cable On

This mode indicates that there is an alarm condition and that the controller is calling for heat.

- Alarms

Depending on factory setup, an alarm condition can indicate a number of possible alarms:

  - High Limit: If enabled, this alarm will be present if the sensor temperature is above the high temperature setpoint, typically used for plastic piping.
  - Low Temp: If enabled, this alarm will be present if the sensor temperature is below the low temperature setpoint.
  - TS Failure: Temperature Sensor Failure. This alarm indicates that one of the sensors is not operating properly.
  - GFI Alarm: This alarm is caused by a ground fault leakage current in excess of the setting.

Individual alarm indication is located inside the controller. There are four (4) LED lights labeled: High Limit, Low Temp, TS Failure and GFI Alarm.

Assessment: A site visit was conducted to review the performance of the heating system. A visual inspection of the power supply and controllers was completed with the following observations:

- Utility power was present and energized
- Circuits to the two (2) controllers were switched 'on'
- Both controllers were showing the Green indication light on the exterior of the controller door indicating that the power supply to the controller was 'on' and that there was no current call for heat.
- Each controller was opened to inspect the wiring for possible failures. Wiring inside the controller appears to be in good condition and the controller appears to be operating correctly.
- There is no access to the heating cables given that they are installed inside the insulated pipe casings, so the physical appearance of the heating cables could not be determined. It is assumed that they are in good condition due to the lack of an alarm condition.
- The indicator light is not very bright in daylight conditions, so a visual inspection should be done while near the front of the controllers.
- Each controller is equipped with an alarm output. The alarm output includes a set of contacts which include terminals for Normally Open, Normally Closed and Common. The alarm output is not currently being used.
- The system for each pipe appears to be functioning correctly.

Recommendations: The following is a list of recommendations and options to verify that the system is functioning correctly.

- Visually inspect the controller on a periodic basis to confirm that the system is operating correctly. An inspection during early fall months would allow some time for any needed repairs prior to winter.

- Visually inspect the pipe casings for damage that may indicate damage to heating cables or temperature sensors inside the casing.
- If there are any alarms present, open the controller to determine the alarm. If an alarm is present, refer to the Troubleshooting section of the Installation Instruction manual.
- To increase awareness of an alarm condition, the following options may be implemented:
    - Use the alarm contact located inside the controller to connect to an existing SCADA system or to an autodialer
    - Install an indicator beacon at the equipment rack location tied to the alarm contacts inside the controller to make the alarm condition more visible from the roadway.

3.3 SYSTEM MANAGEMENT AND OPERATION

The Town of Alpine is an incorporated municipality that owns and operates the water system along with other infrastructure (sewer system, road system, etc.). The Town has a water department with employees to operate and maintain the water system. Among these employees is the Public Works Director who is a certified operator, as well as other employees working on certification. Billing and bookkeeping are conducted by Town employees including the Public Works Administrator and Clerk/Treasurer. The system appears to be well managed, maintained, and operated.

3.3.1 New Connections and Annexations

Since the last master plan study in 2009, large areas in various stages of development north of the Snake River have been annexed into the Town boundaries. Many of these areas were previously served by the NSU water system which was turned over to the Town in 2016. These areas were natural additions to the Town as they were served by Town water and sewer infrastructure. These areas included the following developments:

- Alpine Meadows
- Boardwalk
- Targhee Place
- Snake River Junction

Other adjacent areas have also been annexed into the Town along with the major subdivisions. With the connection across the Snake River Bridge, all areas are served by one connected system with the exception of the areas served by the MegaWell (Targhee Place, Gibby Acres).

Only a couple of areas served by the Town water systems are not currently within Town boundaries, including the Alpine Lakes area (which is mainly undeveloped other than warehouse units) and The Refuge (which is roughly 2/3 developed with residential and airpark use). In April 2025, the Town Council passed an ordinance to prohibit additional water connections outside of Town boundaries. Connections can be approved pending agreement of the Council with ¾ vote approval, and the condition of annexation into the Town.

The Town allows new connections to be added throughout the system (within Town boundaries). New customers pay the cost of the connection fee as discussed below.

3.3.2 Mainline Extensions

Mainline extensions have been constructed in the past to extend water service to previously unserved areas. In general all areas within the Town boundaries are served by existing water mains. There have been discussions in recent years to extend water to areas both north and south of the Town. Requests for future extensions will require approval of the Town Council and generally annexation into the Town.

3.3.3 Meter Reading and Billing

Individual services are metered, however the meters have limited capability for data collection. Service meters south of the Snake River (within historic Town boundaries) are typically read once per year as they must be physically raised from the meter pit to be read. Service meters north of the Snake River (former NSU system) are typically read once per month with a required site visit to each meter to be read from a touch pad. In both cases, the meter reading process is labor intensive and subject to numerous issues related to physical site visits and manual data collection. With readings on a monthly or yearly basis, there is little opportunity to collect and analyze the data with sufficient detail to analyze individual days or weeks for minimum or maximum use. The meter replacement project that is currently underway will greatly enhance the meter reading capabilities of the Town.

3.3.4 Water Use and Record Keeping

Water use data within the system is being collected by the SCADA system, which utilizes Mission Communications equipment and software. Data are obtained from each of the three Alpine wells for run-time minutes, gallons, and starts. From the data, it appears that the "gallons" are derived from multiplying the minutes with an assumed well flow rate (450 gpm for Well #1, 350 gpm for Well #2, and 515 gpm for Well #3). Additional SCADA data from the flow meter have also been obtained, however the data provided by the meter is a scatter of points that do not represent actual flow rates, rendering this data unusable. This is assumed to be an issue with the output signal at the flow meter.

Run time data is also collected for the booster pump, along with level data for the two south storage tanks (upper and lower).

Data is also collected for the various service meters as part of the billing process. This data does not match well with the data provided by the SCADA system, indicating that there may be significant losses due to leakage. This is further discussed in Section 6.2 of this report.

3.3.5 Operation and Maintenance Schedule

The Public Works Director indicated that they keep a regular schedule of maintenance on the system including system flushing, valve exercising, and other routine items. A list of suggested

daily, weekly, monthly, and annual items is included in Appendix C. This list is available from the EPA Region 8 office online at:

https://www.epa.gov/region8-waterops/operations-maintenance-checklist-tasks

3.3.6 Connection Fees

Services in the Town system are generally for residential use, along with a number of commercial use connections. Connection fees have been set by the Town Council. With the inclusion of the NSU system in 2016, there were different fees in place for that NSU utility district. As mentioned previously, some of those areas have not been annexed into the Town at this time and are still subject to fees outlined for that district, which must be approved by the Wyoming Public Service Commission (WPSC). Changes to those fees must follow the WPSC procedures which include substantial public comment periods and meetings. Due to these procedures, rates for the district area have not been adjusted for some time and therefore do not match the Town rates. Connection fees for the system are as follows:

Table 3.4 Town of Alpine Water Connection Fees

Location	Size	Fee
Town of Alpine	¾" (Residential)	$3,500
Town of Alpine	1"	$5,000
Town of Alpine	1 ½"	$6,500
Town of Alpine	2"	$10,000
Alpine Utility District	¾" (Residential)	$3,000
Alpine Utility District	1" – 2"	$11,800
Alpine Utility District	3" – 4"	$19,800

The connection fees shown include parts and installation of the meter by Town crews, connected to the water main. The Town Council has commissioned a study to analyze water and sewer fees. This study is being completed by Raftelis with a projected completion expected late 2025. It is assumed that the Town will revise the connection fees based on the recommendations of that study.

In theory a connection fee represents the cost to buy-in to a water system. In other words, the connection fee purchases the excess capacity that is available in the system in terms of available source, storage, water rights, and so forth. Thus it makes sense that connection fees vary based on the size, with cost increasing proportionally to the amount of water that can be used with the connection.

3.4 GEOGRAPHIC INFORMATION SYSTEM

The Town of Alpine does not currently utilize a geographic information system (GIS) for management of the water system. As part of this study, GPS data points were collected for all

known valves, hydrants, wells, storage tanks, and so forth. Known information regarding pipes throughout the system was also added. This data will be provided to the Town as a base map for a GIS that can be used to manage the system.

3.5 REPAIR AND REPLACEMENT OF EXISTING COMPONENTS

This section contains a summary of the major components of the Alpine water system along with their installation year, estimated useful life, and anticipated year of repair and replacement.

Table 3.5 Repair & Replacement Schedule Summary

	Installation Date	Expected Useful Life (years)	Estimated Repair or Replacement Date	Estimated Repair or Replacement Cost (2025 $)
PVC Pipe (lower grade)	1970-1990	30	2000	$60-$80/ft
PVC Pipe (municipal grade)	1990-2020	80	2070	$60-$80/ft
Mainline Valves	1970-2020	50	2020	$3,500 each
Fire Hydrants	1995-2020	50	2045	$9,000 each
PRV Valve & Appurtenances	1995	30	2025	$15,000-$30,000
Master Meter *	2010	10	2020	$7,000
Well Pump & Equipment	2010	30	2040	$50,000
Water Tank (Concrete)	1995	50	2045	$1,000,000
Water Tank (Glass Fused Steel)	2006	40	2046	$1,200,000
Water Meters *	1995-2020	20	2015	$250 each
Water Meter Encoders/Batteries *	1995-2020	20	2015	$250 each
Water Meter Pits	1995-2020	30	2025	$2,000 each
Chlorination Equipment	2010	20	2030	$3,000
SCADA Equipment	2010	20	2030	$50,000

** Being replaced under current project*

Many of the system components will need attention in the next 20 years (shaded cells in table above). The Town should begin planning and budgeting to replace these items. More detailed recommendations are given below.

Wellhouse: Per the Public Works Director, when the wells are operated at 100% capacity the electrical breakers may trip (or some other fault occurs), causing the wells to stop operation until someone manually resets the breaker or VFD in the wellhouse. For this reason, the wells are currently set to run at roughly 89% of capacity. The electrical system will need to be investigated to determine what components need upgrading to accommodate all three wells operating at full capacity.

An attempt was made on June 12, 2025 to cause a "trip" or "fault" by increasing the speed of the pumps. All three pumps were increased to 55 Hz, and then Well #3 was increased to 59 Hz with no

fault or issues observed. All three pumps were left with a maximum setting of 55 Hz since that time, with no issues observed as of the date of this report.

Chlorination Equipment: The age of the sodium hypochlorite injection system is unknown, but it is assumed that the equipment was installed as part of the 2010 wellhouse improvements. Assuming a 20-year design life, replacement will likely be needed in upcoming years.

Master Meters: The master meter at the wellhouse is not operational, nor is the meter at the booster pump. Replacement of both of these meters is planned for the summer of 2025 as part of an ongoing meter upgrade project.

Service Meters: Service meters within the original Town system (south of the Snake River) were installed in the mid-1990's if not earlier. Meters within the former NSU system were installed in roughly 2006, although many were installed when construction took place on individual lots years later. Meters typically have a 20-year life for the registers and require testing after 10 years to maintain accuracy. Replacement of all service meters is planned for the summer of 2025 as part of an ongoing meter upgrade project.

Water Meter Pits: The meter pits in the Alpine system are coil-type pit setters. Assuming a 30-year design life, the tubing in these pits can be brittle or weak over time.

NSU Water Storage Tank: The NSU storage tank is glass-fused-to-steel, which has a design life of 30+ years. The tank was constructed in 2006, so there is at least another decade of life remaining (some glass-fused-to-steel tanks have lasted well over 30 years). Due to the glass lining, recoating of the tank should not be needed. Per the manufacturer, cathodic bars installed at the base of the tank should be inspected and tested every year, and are normally replaced every 7 years. Reseal of interior seams should be completed every 10 to 15 years. Evidence of damage due to ice may require additional rehabilitation and adjustments to winter operations.

PRV Valves & Appurtenances: Per the Sunrise 1995 study, the PRV vault was constructed at the same time as the storage tanks in 1995 or 1996. With a 30 year design life, the PRV equipment is likely in need of replacement. The 1995 study indicated that the valve would have "a pressure sustaining pilot control function set to ensure that the tank is not totally drained" in the event of a fire or break. This pilot control is likely not operational at this time.

SCADA Equipment: The SCADA system appears to be operational for the various data collection points throughout the system. It is assumed that installation occurred during the 2010 wellhouse improvements. With a 20-year design life, the SCADA components may need replacement in the upcoming years. With installation of new meters in the wellhouse planned for this year, the SCADA should be tied to both meters for collection of flow data.

4.0 HYDRAULIC MODEL

Hydraulic modeling was conducted to evaluate the current performance of the Alpine water system and to project future needs through 2050. The analysis was performed using Aquanuity's AquaTwin software, which simulated system behavior under various demand conditions.

4.1 MODEL INPUTS AND ASSUMPTIONS

Demand Scenarios Assessed:

- Average Day Demand (ADD): Total annual water use is divided by 365 days.
- Maximum Day Demand (MDD): Highest 24-hour water demand during the year.
- Peak Hour Demand (PHD): Highest single-hour demand on the system.

In addition to these scenarios, an Extended Period Simulation (EP) was performed to reflect real-world conditions, particularly during peak summer months when the wells reportedly run 24 hours a day for an extended period. While the system currently meets ADD, MDD, and PHD, the EP simulation identified areas of concern during prolonged high-demand periods, especially during peak summer months.

Model inputs and assumption were necessary to ensure accuracy, the model incorporated:

- Water usage data is provided by the Town of Alpine.
- Elevation data per USGS WY Southwest 1 2020 LiDAR
- Infrastructure details include pumps, tanks, pipes, and valves.
- Pipe layouts based on as-built drawings (with minor expected discrepancies).
- SCADA data was excluded due to reliability concerns.

The model was developed to assess the system's ability to provide safe, reliable drinking water under current and future conditions. It also evaluated water age and fire flow capacity. Modeling followed standards set by the Wyoming Department of Environmental Quality (WDEQ), the Ten States Standards, and best practices from the American Water Works Association (AWWA) M32, 4th Edition.

4.2 EXISTING MODEL

The hydraulic model was developed to reflect the current operation of the Alpine water system, incorporating reasonable assumptions where necessary. All model inputs, assumptions, results, and recommendations are detailed in this section and further supported in Appendix D.

4.2.1 Pipes

The existing system includes approximately 118,500 linear feet (22.5 miles) of pipe, composed of mainly PVC for the bulk of the system and ductile iron for the bridge crossing. The table below summarizes the existing pipe inventory by diameter:

Table 4.1 Alpine System Existing Pipe Data

Existing Pipes		
Diameter	Length	Unit
4	8,485	ft
6	53,875	ft
8	42,459	ft
10	2,035	ft
12	11,644	ft
Total	118,499	ft

For modeling purposes, a Hazen-Williams roughness coefficient of 140 was utilized. This value reflects the assumed condition of the system, where a typical PVC roughness coefficient ranges from 140 to 150; this model used 140 as a conservative value.

4.2.2 Tanks

Model parameters for the three tanks are shown below:

Table 4.2 Alpine System Existing Tank Data

Existing Tanks					
Tank	Diameter (ft)	Floor Elevation (ft)	Initial Level (ft)	Max Level (ft)	Mixing Model
NSU	60	5,855	21	22	Lifo
250K	53.75	5,950	14.0	15.0	Lifo
500K	77	5,862	14.0	15.0	Lifo

All tanks were modeled using a Last-In, First-Out (LIFO) mixing assumption. It was assumed that tanks were not completely full at the start of the Extended Period Simulation (EP), and that overflow conditions were not permitted during the simulation.

4.2.3 Pumps

The system Pumps modeled in the existing scenario include three active wells: Alpine Wells #1, #2, and #3. These wells were modeled based on available specifications and reasonable assumptions regarding pump types and performance.

- Wells #2 and #3 were assumed to be equipped with Robbco 75 HP 7THE 5-stage pumps, installed in 2010.
- Well #1 was assumed to have a Goulds 7THC 75 HP pump, replaced in 2021. For modeling purposes, the pump curve for the Goulds 7THC was used for all three wells.

The table below summarizes the key input data and modeling criteria for each well:

Table 4.3 Alpine System Existing Well Data

Well Input Data and Modeling Criteria						
Wells	Ground Elevation (ft)	Pump Set Depth (ft)	Pump Elevation (ft)	HP	Max Flow (gpm)	Model Flow (70% of Max)
Alpine Water District Well #1	5,695	192	5,503	75	700	490
Alpine Water District Well #2	5,696	143.5	5,552.5	75	700	490
Alpine Water District Well #3	5,700	206.5	5,493.5	75	650	455
Flying Saddle Lodge Well #1	Not used	Not used	Not used	Not used	Not used	Not used
Flying Saddle Lodge Well #2	Not used	Not used	Not used	Not used	Not used	Not used
Excel Development Well #1 (Megawell)	Not used	Not used	Not used	Not used	Not used	Not used

The Flying Saddle Lodge wells and the Excel Development Megawell were excluded from the model. The Flying Saddle wells are currently inactive, and the Megawell is not connected to the system.

Field observations indicated that actual pump outputs are lower than expected. To reflect this, the model uses 70% of the maximum rated flow for each pump, which aligns more closely with observed performance.

4.2.4 Demands

Water demand for the existing system was based on meter reading data provided by the Town of Alpine. SCADA data was excluded from the analysis due to reliability issues.

While meter data provides a valuable baseline, it is subject to several limitations, including:

- Reduced accuracy due to meter aging
- Occasional recording errors
- Inconsistent reading frequency
- Unaccounted-for system leaks

To improve data quality, the meter readings were reviewed, and abnormally high or low values were removed. Months where readings were unavailable due to snow cover, an estimated usage based on the average of four adjacent months was utilized.

For modeling purposes, 2024 data was used, as it represented the highest recorded usage. To simulate peak conditions, the following assumptions were applied:

$$MDD = 2.4 * ADD$$

$$MHD = 4 * Average\ Hour\ Demand\ (AHD)$$

The resulting demand values are summarized below:

Table 4.4 Alpine System Existing Demand Data

2024 Data		
Demand	Value	Unit
ADD	759,000	Gal/Day
MDD	1,800,000	Gal/Day
MHD	126,500	Gal/HR

The Town of Alpine plans to replace water meters this year, once meters are replaced, it is highly recommended to reassess the demands in the system, refining the above assumptions and calculations.

4.2.5 Patterns

To complete the EP simulation, demand patterns were applied to reflect hourly variations in water use. Ideally, these patterns are derived from detailed hourly meter data. However, due to the limited resolution of the available meter data, standard assumptions were necessary.

The model incorporated assumed demand patterns for residential, commercial, institutional, and industrial users. These patterns were designed to simulate realistic fluctuations in demand throughout the day with higher demand expected in the morning and then again in the evenings. The demand curves were adjusted to not exceed the MHD during the highest usage parts of the day. It is highly recommended to create the patterns with hourly meter data when that becomes available. Detailed pattern profiles and multipliers are provided in Appendix D.

4.2.6 Elevations

To estimate system elevations, topographic data was obtained from the Elevation data per USGS WY Southwest 1 2020 LiDAR. An assumed burial depth of 6 feet was applied to determine the pipe elevations used in the model. All elevation values used in the model are referenced in the junction and pipe tables provided in Appendix D.

4.2.7 Controls

For the existing and the future model the following, simple on/off control logic was applied:

Table 4.5 Alpine System Existing Demand Data

Well Control		
Wells	**Turn On @ Tank Level (ft)**	**Turn Off @ Tank Level (ft)**
Well1	13	14
Well2	12.5	14
Well3	12	14
Megawell	14	21

Well pumps were assumed to operate based on tank levels in the 500K tank, turning on or off when specific assumed elevation thresholds were reached. The booster pump was modeled to activate immediately when the upper tank dropped below an assumed designated level, with no assumed delay in response time. It was also observed during modeling that all water in the system flows through the 500K tank. Under Average Day Demand (ADD) conditions, the tank level drops significantly when the booster pump is activated—particularly during fire flow scenarios. If tanks are allowed to drop to lower levels before pump activation, pump run times are reduced, but this may impact system performance during peak demand or emergency events.



Figure 4-1 Hydrant Flow Test at Hydrant J346

4.3 MODEL CALIBRATION

To calibrate the model, fire hydrants were tested in three locations and compared with calculated available flow and pressure. These fire hydrants tests were used to ensure accurate data collection and validate test results. The hydrants tests compared to model results are shown below:

Table 4.6 Alpine System Calibration Results

Hydrant ID	Location	Static Model Pressure	Model Flow (gpm)	Static Actual Pressure	Actual Flow (gpm)
J52	Riverview Dr	96	1931	94	1867
J346	Refuge	99	1626	98	1690
J630	Grand View Dr.	107	1508	98	1845

Hydrant J52 and J346 were as expected, however J630 was different than expected. This difference can be due to elevation in the tanks and demands at the time of the test. Fire hydrant test results are shown in Appendix D.

4.4 FUTURE MODEL

The future scenario model builds upon the existing system by incorporating the recommended improvements detailed in Section 7 below. This includes several key modifications to reflect projected 2050 conditions. These include upsizing pipes, enhanced pump performance, the addition of the Megawell, an extra 500,000 gallons of storage, and anticipated increases in system demand.

4.4.1 Pipes

The future system includes approximately 131,896 linear feet (24.98 miles) of pipe, incorporating both existing and newly added segments. The following table shows the pipes broken down by size for the existing system.

Table 4.7 Alpine System Future Pipe Data

Future Pipes		
Diameter	Length	Unit
4	10,358	ft
6	51,432	ft
8	46,395	ft
10	6,206	ft
12	17,505	ft
Total	131,896	ft

A Hazen-Williams roughness coefficient of 140 was applied to all pipes.

4.4.2 Tanks

The future model includes all existing tanks, with the addition of a new 500,000-gallon tank adjacent to the current 500K tank. This added storage increases system resilience and capacity during peak demand periods.

4.4.3 Pumps

The future scenario includes Alpine Wells #1, #2, #3 along with the Megawell as shown below. It is assumed that all wells are equipped with Goulds 7THC 75 HP pumps, which were found to meet the projected 2050 demand requirements.

Table 4.8 Alpine System Future Well Data

Well Input Data and Modeling Criteria					
Wells	Ground Elevation (ft)	Pump Set Depth (ft)	Pump Elevation (ft)	HP	Anticipated Flow (gpm)
Well #1	5,695	192	5,503	75	700
Well #2	5,696	143.5	5,552.5	75	700
Well #3	5,700	206.5	5,493.5	75	650
Flying Saddle Lodge Well #1	Not used	Not used	Not used	Not used	Not used
Flying Saddle Lodge Well #2	Not used	Not used	Not used	Not used	Not used
Megawell	Not used	Not used	Not used	100	1,200

4.4.4 Demands

Demands for the future system are based on SCADA run time method as described in 6.2.2. The future model demands are shown below:

Table 4.9 Alpine System Future Demand Data

2024 Data		
Demand	Value	Unit
ADD	973,000	Gal/Day
MDD	2,308,000	Gal/Day

4.5 EXISTING SYSTEM PRESSURES

Pressures during ADD range from 53 to 98. During MDD the pressure are higher than 35psi for all junctions. Detailed results can be found in Appendix D.

4.6 FIRE FLOW

Fire flow was evaluated for the existing and future system. Both existing and future systems had adequate pressure and flow of 1,000 gpm for all hydrants and did not drop below 20psi for residual pressure. Detailed results can be found in Appendix D.

4.7 WATER AGE

During ADD the highest water age found in the system was at J400 at 8 days. Detailed results are shown in Appendix D.

5.0 WATER SOURCES

5.1 INTRODUCTION

The Alpine municipal water supply currently comes from 3 wells on the south side of Town, Well Nos. 1, 2, and 3. The original water system came from a developed spring south of town. The first well (No. 1) was added in 1977, providing a dual source system. Since then, the spring has been abandoned and the system consolidated into the original well and two more (Nos. 2 and 3), constructed in 1988 and 2012.

Other centralized groundwater-based supplies serve or have served areas within or adjacent to the Town of Alpine system. Included in the present study are the Flying Saddle Wells No. 1 and 2, constructed in 1982 and 1949 and the "Excel Development No. 1" well (aka the "Megawell"), constructed in 2017. The Flying Saddle wells were drilled in association with the construction of the Palisades Reservoir (Well No. 2) and to supply the adjacent motel (Well No. 1). They subsequently came to serve the North Star Utility, which supplied various customers on the north side of the Snake River until the Town of Alpine system was extended into those areas. The Megawell was constructed to serve a large development in the surrounding area that has not yet materialized. Although of vastly greater capacity, the well currently supplies only a few relatively small local users at present. See Figure B in Large Figures for well locations.

This chapter presents the hydrogeology of the Alpine area, the construction of the relevant wells, and the results of well testing, followed by discussion of the pumping equipment installed in each well. Next, water quality data are presented. Current water rights and historical reporting under those rights are reviewed. A final section presents opportunities and recommendations for improvements and expansion of the Alpine municipal water system to more reliably meet the present and future demands outlined in Sections 3.0 and 6.0.

5.2 HYDROGEOLOGY

Figure C in Large Figures presents the mapped geology of the study area. There are three relevant formations or formation groups. From oldest to youngest: 1) the Paleozoic-age Mission Canyon and Lodgepole Limestone formations ("Mm" and "Ml" on Fig. C); 2) the overlying Tertiary-age Salt Lake Formation ("Ttc"); and 3) surficial deposits of alluvial material deposited by the Snake and Greys Rivers ("Qal"). (The deposits labeled "Tc" and "Qc" on Figure C are colluvium, i.e. shallow landslide deposits derived from the underlying bedrock units.)

The distinctions between these three sets of material can be obscure in drill cuttings due to the predominance of limestone in all of them. The Salt Lake Formation is basically a poorly sorted, limestone conglomerate. The underlying bedrock limestone formations are intensely folded and faulted, creating limestone breccia. And the alluvial materials are the erosional debris from the Salt Lake and bedrock formations, washed down from outcrops in the surrounding uplands and from upstream portions of the Snake, Greys, and Salt River watersheds. Further confounding the clear identification of stratigraphic

boundaries is the presence of a high-displacement fault system whose surface expression (and thus, location) is obscured by the overlying alluvial deposits.

The complex stack of formations and faults forming the highlands east of Alpine (east half of Figure C in Large Figures) are part of the Wyoming Overthrust Belt. The Alpine area, and the Star Valley extending southward along the Wyoming-Idaho border, have been faulted downward relative to the highlands east of the "Grand Valley Fault Zone". Figure C in Large Figures presents that fault as inferred by the USGS mapping, along with a refined (or additional) location based on previous Alpine-area groundwater investigations, e.g. Rendezvous (2009). The areas of interest to the present study lie along and west of this major fault boundary.

Albee and Cullins (1975) describe the Mission Canyon and Lodgepole Limestones as:

> "Mission Canyon Limestone (Upper and Lower Mississippian) - Light to dark-gray medium- to coarse-grained massive bioclastic limestone; forms clIffs; all outcrops are faulted; about 1,000 feet (300 m) thick a few miles east of quadrangle"
>
> "Lodgepole Limestone (Lower Mississippian) - Medium- to dark-gray thin- to medium - bedded fine-grained limestone; thickbedded bioclastic limestone near top; about 600 feet (180 m) thick."

"The underlying bedrock carbonates (Mission Canyon and Lodgepole Limestones) have little intrinsic permeability, but are extensively deformed in the Alpine area, creating zones of greatly enhanced permeability. The fracturing associated with the Grand Valley Fault Zone along the east side of the Alpine area appears to be the reason for dramatically higher well yields at the North Alpine Service and Improvement District (NASID) wellfield on the north side of the Snake River and at the Town of Alpine wellfield (Existing Well Nos. 1 and 2 and test well No. 3)." (Hinckley, 2009).

The Alpine Lakes Subdivision report (Sunrise, 2018) describes the Pliocene-age Salt Lake Formation deposits:

> Pliocene Bedrock (Salt Lake Formation). Bedrock beneath the gently sloping portions of the study area consists of Pliocene-age sediments. These are mapped as simply "Tuff, conglomerate, and siltstone (Pliocene)" by Albee and Cullins (1975), as the "Teewinot" formation by Merritt (1958), and the "Salt Lake" formation by Lines and Glass (1975). As described by Merritt (1958), the Pliocene deposits consist of well over 5,000 feet of siltstone, claystone, and conglomerate. Merritt presents a measured section 5250 feet thick, but ends his description in strata dipping eastward at 23 degrees, at least a mile west of the easternmost outcrop of the formation. Extrapolation of these dips beneath the study area suggests an additional thickness of some 2500 feet.
>
> Due to the eastward dip of these strata (18 to 31 degrees; Merritt, 1958), the study area is underlain by the upper units of this formation. These comprise a "conglomerate sequence" or "conglomerate facies" more than 700 feet thick, as described by Merritt

> (1958) in a section along the Snake River. The conglomerates are described as "subangular to rounded, poorly sorted granules, pebbles, and cobbles with an average diameter of about 3 inches. Pebbles are imbedded in a soft, silty, sandy and in places tuffaceous, calcareous matrix." "Paleozoic limestone fragments and quartzite pebbles are the predominant rock types represented in the conglomerate facies ... "
>
> Over the full area of occurrence of the Salt Lake Formation, Lines and Glass (1975) are skeptical of its water-bearing potential. They suggest "the availability of water from these aquifers is limited because the conglomerates are usually well indurated, poorly sorted, and have little primary permeability." They go on to describe one notable (8,000 gpm) exception - the springs east of Thayne - which are attributed to a "fractured conglomerate" within the formation. No detailed descriptions of the Pliocene deposits within the study area have been located. However, Merritt (1958) interprets the source for the limestone cobbles in his upper, "conglomerate" sequence as being the mountains to the east. This suggests the size and abundance of conglomeratic material may increase in that direction. (The Pliocene section examined in detail by Merritt stops at the Wyoming/Idaho state line.)
>
> The productivity of wells developed in the Pliocene-age strata in the study area varies, and it can be difficult to distinguish alluvial terrace deposits from the underlying conglomerates of Pliocene age. However, a fairly wide variation in productivity is consistent with the lithology of these deposits, i.e. the interlayered nature of individual "cleaner" lenses and channels within the generally silt-rich formation.

Groundwater production from the Salt Lake Formation is notoriously variable throughout its area of occurrence in western Wyoming. In some areas, e.g. east of Etna, productive wells have been completed in this formation. In the Alpine area, however, experience suggests the formation generally contains too much fine-grained material (e.g. a conglomerate in a clay matrix) to be more than minimally productive.

Rendezvous (2002) examined wells in the area of Figure C mapped as “Ttc” outcrop north of the Snake River and concluded groundwater potential was generally poor. A well at the west end of the bench above the valley floor in the middle of Section 20, for example, “penetrates 500 feet of aquifer below the water table to produce a reported 5 - 12 gpm and demonstrated large drawdown during a recent pump test (Permit 122727; Coletti). “

In contrast to the local Salt Lake Formation, the overlying alluvial deposits (“Qal” on Figure C) are generally quite permeable. Sunrise (2018) describes the alluvial deposits:

> At the surface over most of the study area are alluvial sand, gravel, and silt deposits laid down on the ancient floodplains of the Snake, Salt and Greys Rivers. Area mapping describes "an unconsolidated boulder bed which ranges from 5 to more than 50 feet in thickness." (Merritt, 1958; p. 28). ... These deposits are quite variable in thickness across the larger study area, depending upon how the river channels eroded into the underlying bedrock. Photographs of the banks of the Snake River taken by JD. Love before

construction of Palisades Reservoir (Merritt, 1958) show terrace deposits on the order of 30 feet thick. In some areas, the surface deposits may not be consistently saturated, although inspection of the lithologic logs for wells in the immediate area of the proposed Alpine Lakes development indicates these surface deposits as the primary aquifer in that area.

The test well completed on the subject property (UW 206257) [i.e. the Megawell] is an example of finding a particularly "sweet spot" in these deposits, i.e. a site of maximum saturated thickness and material permeability. This well penetrated "sand & gravel" to a depth of 100 feet, with saturated conditions below 26 feet. This outstanding well produced 2500 gpm over an 8-hour pump test, with only 2 feet of drawdown according to the driller-supplied Statement of Completion filed with the Wyoming State Engineer's Office.

Similar, but less dramatic results have been reported from gravel pits excavated into these deposits in the SW 1/4, NW 1/4 Section 20; the NE1/4, SE1/4 Section 19; and the SE 1/ 4, SW 1 / 4 Section 30. A de-watering well in the last of these has a permitted yield of 200 gpm (permit no. 17215).

Sunrise (1995) captured the variable thickness of the alluvial deposits as well as the permeability contrast with the underlying Salt Lake Formation, “Local residents report very active spring systems issuing from gravel lenses in the banks of the reservoir adjacent to the study area when the reservoir level is low.” That report also noted depth-to-water values commonly with “differences as large as 40-50 feet”, that, “the water surface elevation of Palisades Reservoir exerts a significant influence on groundwater levels through much of the study area”, and quoted a local resident that, “years ago, when wells could rarely be constructed deeper than 60 feet, they would often go dry in the late fall and winter.”

5.3 ALPINE WELL NOS. 1, 2, AND 3

5.3.1 Aquifer

The most complete hydrogeologic evaluation to date of Alpine Well Nos. 1, 2, and 3 is provided in the 2009 Level II study and attached technical memoranda (Rendezvous, 2009), to which the interested reader is referred for additional details.

Figure D in Large Figures presents a schematic east-west cross section through the Alpine wellfield from that 2009 report; “schematic” because the exact location and orientation of the indicated faults is unknown. In any case, based on drillers’ lithologic logs and our own observations during the drilling of Well No. 3, the thickness of the deposits overlying the bedrock limestones at Alpine Well Nos. 1, 2, and 3 is interpreted as being 203, 95, and 215 feet, respectively. Thus, a fault with displacement on the order of 100 ft. (again, west-side-down) between Well Nos. 1 and 2 is included in the interpretation of Figure D.

In terms of groundwater production, the stratigraphic details are not critical. Water level measurement at all three wells during various pumping cycles makes it clear that all three are in close hydraulic communication. Whether fractured limestone, fractured Salt Lake Formation, locally higher permeability zones of Salt Lake Formation (e.g. due to the absence of the typical clay matrix), alluvial deposits, or some combination of these, the material behaves as a single, largely unconfined aquifer.

Table 5.1 provides summary construction and aquifer water levels for the Town of Alpine Wells 1, 2, and 3. Table 5.2 provides well testing results. Figure E in Large Figures illustrates the well construction (copied from Rendezvous, 2010).

Table 5.1 Construction & Aquifer Levels – Alpine Wells 1, 2, and 3

	Well No. 1	Well No. 2	Well No. 3
Permit (yr)	39163 (1978)	77717 (1988)	198240 (2010)
Depth (ft)	275	243	267
Casing Dia. (In)	10	10-3/4	10
Open Interval	180-275 (torch slots), gravel pack	101-110, 138-144 knife slots; open hole below 147	230-267 (125-slot screen)
WBZ	gravel, limestone	"broken limestone", limestone	fractured limestone
Static Water Levels (ft (date))			
SEO Statement of Completion	60 (12/1978)	85.5 (10/1988)	75 (9/2011)
Rendezvous (2009)	83 (6/27/05) 89 (9/23/05) 60 (4/19/06) 74 (5/ /06) 90 (4/3/08) 78 (5/10/08) 74 (5/22/08) 81 (6/16/08) 91 (7/7/08)	84 (6/27/05) 93 (10/1/05) 68 (5/ /06)	 91 (6/18/2008) 91 (7/7/2008)
This Study	114.48 (9/13/2024)		
This Study	90.95 (12/10/2024)	90.72 (12/10/2024)	94.80 (12/10/2024)
	The 12/10/2024 measurements follow 17, 11, and 5 hours without pumping of Well Nos. 1, 2, and 3, respectively.		

Static water levels are important for two reasons: 1) they provide a measure of long-term aquifer sustainability, e.g. "Is the aquifer in decline?"; and 2) they determine the available drawdown in a well, i.e. the larger the difference between the static water level and the pump setting in a well, the more water can be produced.

The static water level data of Table 5.1, along with consideration of aquifer characteristics and recharge areas, suggest no long-term decline in the aquifer(s) serving the Town of Alpine. Abundant recharge is available through infiltration of precipitation and snowmelt across wide exposures of the relevant formations south and east of Alpine and, at times, from Palisades Reservoir.

However, static water levels in the Well Nos. 1, 2, and 3 wellfield have been measured to vary by at least 31 feet. At a specific capacity of 15 gpm/ft, for example, 31 feet represents a difference in a well's production potential of 465 gpm. Past studies have concluded changes in the water level elevation in Palisades Reservoir are a major factor in seasonal changes in depth-to-water in the aquifer. At full volume, the reservoir backs water up to at least one mile above the confluence of the Greys and Snake Rivers (e.g. 6/30/14 GoogleEarth image).

Figure 5-1 presents a 25-year record of daily reservoir levels and a summary of monthly averages. Reservoir levels peak at 5620 feet elevation. Reservoir levels have fallen to as low as 5500 feet, although once the reservoir level falls below that of the river channel, the river becomes the hydraulic control on surrounding groundwater levels. Opposite Alpine Well Nos. 1, 2, and 3, the Greys River channel is at approximately 5600 feet elevation, so only the highest reservoir levels are likely to have a direct effect on the Well Nos. 1, 2, 3 wellfield. (Further downstream, the Snake River channel west of the Megawell is at approximately 5520 feet.) Reservoir and river channel elevations represent the base level to which groundwater gradients in the Alpine area are tied, i.e. groundwater flows into or out of the river/reservoir based on the relative elevations of the water level in the aquifer and the water level in the river/reservoir.

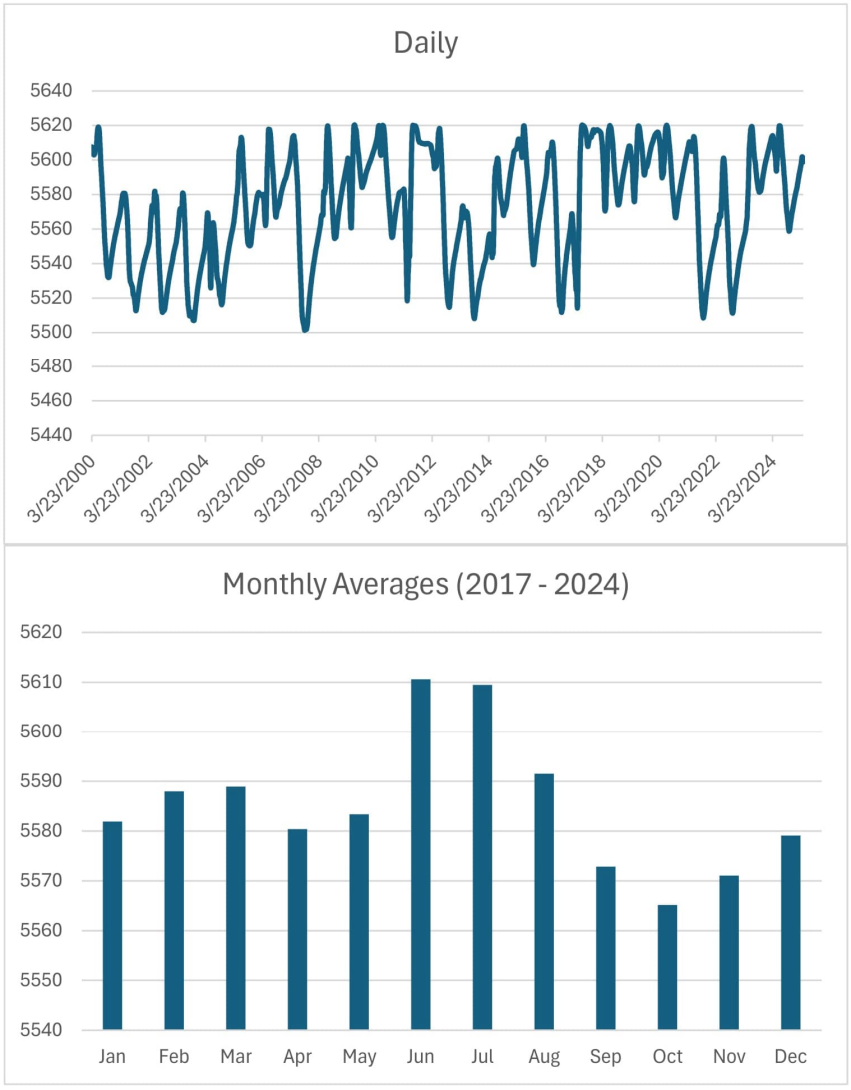


Figure 5-1 Palisades Reservoir Levels 2017 - 2024

Figure F in Large Figures summarizes the water level elevation data for Palisades Reservoir, the Greys and Snake River channels, and the wells of interest to the present project. (The specific values behind this Figure are provided in Table 5.2.) The range in static water levels on the Figure are based on measured values and may not span the full range over time. The pumping water level elevations are based on measured drawdown at specific discharge rates and durations. A pumping water level elevation will be lower as pumping rates and pumping times increase.

Table 5.2 Alpine Water Level Elevations and Depths

Alpine Water Level Elevations (feet, MSL) and Depths (feet)					
	Surface Elevation	Static Water Elevation (Depth)[1]	Pumping Water Elevation (Depth)[2]	Water Production Zone Elevation (Depth)	River Channel Elevation
Well No. 1	5695	5603 - 5640 (60 - 92)	5578 - 5615	5515-5420	5600
Well No. 2	5696		5550 - 5587	5595, 5549-5453	5600
Well No. 3	5700		5536 - 5573	5470-5433	5600
Megawell	5641	5584 -5615 (26 - 57)	5582 - 5613 (28 - 59)	5539 - 5599 (42 - 102)	5520
Flying Saddle No. 1	5650	5570 - 5590 (60-80)	5488 - 5524 (66 - 82)	5490 - 5570 (80 - 160)	5570
Flying Saddle No. 2	5650	5570 - 5590 (60-80)	5548 (102)	5530 (120)	5570
Palisades Reservoir	5500 - 5620				

[1] - *The full range of static water levels likely exceeds the measurements compiled here.*

[2] - *Pumping water levels fall with increasing discharge rate or pumping time. Those listed here have been measured at various rates and times.*

With respect to the Alpine Well Nos. 1, 2, & 3 wellfield, Figure F illustrates that static water levels in the Alpine wellfield are generally above the water level in the river/reservoir. Only were the depth-to-water in the wellfield greater than 80 feet and the reservoir were full would there be a gradient from the reservoir towards the wellfield under static conditions. However, when the wells are being pumped, depths-to-water may exceed 147 feet, i.e. falling to elevations less than 5550 feet, at which times the reservoir elevation could be higher by as much as 70 feet. At such times, there is a substantial gradient from the reservoir toward the wells.

Groundwater levels at distance from the river (e.g. the Alpine municipal wells) will not precisely track the reservoir elevations, but will present a delayed and much-damped response as local groundwater gradients adjust to those changes, superimposed on an overall groundwater flow towards river/reservoir discharge. Because of the lagged response, there are likely times when groundwater flow is temporarily reversed, i.e. out of the reservoir and into the surrounding aquifers. For example, on the 7/7/2008 date of water level measurements (Table 5.1), the reservoir reported a water level elevation 4 feet higher than the static water level in the Alpine wells. (This phenomenon is discussed further below in association with the "Megawell".)

Table 5.3 Pump Test Data – Alpine Wells 1, 2, and 3

Pumping Water Levels (ft) - 9/13/2024 - Well No. 2 running			
This Study	(114.48)	146.48	133.11
	No. *2 on for "several days" prior to measurements; No. 3 on for 30 hrs; No. 1 well off for 22 hrs, but reflects drawdown from Nos. 1 and 2 (a pumping level would have been lower).*		
Pumping Water Levels (ft) - December, 2024			
Depth-to-Water (ft)	106	110 (approx)	114.2
Discharge (gpm)	455	445	361
	Discharge Rates measured for this study April 4, 2025		
Drawdown (ft)	15	20 (approx)	19.4
Specific Cap (gpm/ft)	30.3	22.3	18.6
Previous Pump Testing			
SEO Statement of Completion	300 gpm; 24 hr; 25' drdn; spec cap 12 gpm/ft	330 gpm; 5 hr; 14' drdn; spec cap 23.6 gpm/ft	600 gpm; 1 hr; 67' drdn; spec cap 9.0 gpm (see text)
Hinckley (2005)	380 gpm; 7 days; 15' drdn; 25 gpm/ft	370 gpm; 16 days; 26' drdn; 14 gpm/ft	
Hinckley (2006)	900 gpm; 24 hr; 63' drdn; 14 gpm/ft	1010 gpm; 6 hr; 53' drdn; 19 gpm/ft	
Rendezvous (2009)	375 gpm; 14' drdn; 25.8 gpm/ft		800 gpm; 3 hr; 42' drdn; 19.0 gpm/ft

5.3.2 Well Conditions

Table 5.3 presents past pump testing and the cursory drawdown measurements for the present study on December 10, 2024. Aquifer water levels at the time of these measurements were likely near seasonal lows, but reflect 5 - 17 hours of water level recovery (Table 5.1). The pumping water levels measured in September reflected many weeks of aggressive pumping, including inter-well interference drawdown.

Specific capacity values (gpm per foot of drawdown) are provided to allow comparison to past tests conducted under different background groundwater levels. For the most part, the December 2024 specific capacities are consistent with past results, i.e. approximately 20 gpm/ft under 300-400 gpm production rates.

The performance of Well No. 1 may have improved somewhat since the original test due to aquifer development over time, and both Well Nos. 1 and 2 show the expected decrease in specific capacity at much higher pumping rates (e.g. the 900 gpm test at Well No. 1). Well No. 2 specific capacities

are similar across a range of pumping rates; understanding that the 2005 test was substantially longer than the others. (The specific capacity of all wells will decline under extended pumping periods.) The relatively poor performance reported on the Statement of Completion for Well No. 3 was a function of incomplete development (the clearing of drill cuttings and loose sediment from the well). Additional testing following aggressive development work is reflected in the "Rendezvous (2009)" values, which are similar to our 2024 measurements.

Past studies have provided considerable analysis of the three current Alpine wells (e,g, Hinckley, 2005; Hinckley, 2006; Rendezvous, 2009), although those tests have been complicated by widely varying "static" water levels and the need to maintain water production to meet contemporaneous municipal demands. The reader is referred to those reports (appended to the Rendezvous (2009) report) for full details.

Table 5.4 is copied from Rendezvous (2009). It provided an analysis of the Alpine well testing with respect to projecting expanded production opportunities, including inter-well drawdown impacts. (Pumping of any one of these wells produces a drawdown increment in its neighboring wells.) At that time, Well Nos. 1 and 2 were equipped with 350 gpm pumps and Well No. 3 had not been brought into the system. As measured on 4/8/2025 for the present report, production from Alpine Well Nos. 1, 2 and 3 into the pressurized (82 psi) water system were 455, 445, and 361 gpm, respectively (and individually). While these discharge rates reflect an increase over the 2009 values, comparison with Table 5.3 suggests there is additional capacity available, depending on well management strategies, equipment, and season. For example, individual wells may be equipped for maximum production in the event all three wells are not available, but routinely pumped at lower rates to maximize wellfield efficiency.

Well No. 3 appears to have the most additional capacity under either scenario (alone or together). Although less productive than Well No. 1 in terms of specific capacity, Well No. 3 benefits from its large available drawdown (e.g. see Figure F).

Table 5.4 Alpine Well Field Summary & Production Projections

	Well No. 1	Well No. 2	Well No. 3
Available Drawdown from 90 ft. "static" (ft)	90	60	120
Local Transmissivity (gpd/ft)	20,000	34,000	25,000
Maximum Sustained Capacity Alone (gpm)	750	750	1,000 (sediment may be an issue)
Maximum Sustained Capacity Together (gpm)	400 500 500	400 300 500	800 900 500
Modeling based on wellfield-wide transmissivity approx. 40,000 gpd/ft; storage coefficient - 0.03			

The Table 5.4 note on Well No. 3 reflects the documented development and testing experience at that well, as it produced considerable sediment under high-discharge pumping. (Well Nos. 1 and 2 may have had the same experience, but no detailed records for those wells are available.) As noted in Rendezvous (2009), installation of a higher-discharge pump in this well should be accompanied by a period of additional well development.

Well No. 2 is problematic due to the placement of slotted casing in the 101-110 and 138 - 144 feet intervals (see Figures E and F). As noted in the 2009 report and observed in the December 2024 testing for the present report, once the water level in this well is drawn down into these slots, water cascades into the wellbore, entraining air. (The expelling of this air at the wellhead is apparent as a sputtering in the air-release valve on Well No. 2.) The "available drawdown" for Well No. 2 in Table 5.4 was calculated ignoring these upper-level casing slots. Figure E shows the pump in this well is set just below the casing in the open-hole portion of the well. This maximizes the drawdown available above the pump setting, but exposes the pump to air entrainment when the pumping water level falls below 110 feet. (While this may decrease pump life, the experience of the Alpine wellfield appears to indicate the impact is not severe.)

At times of high aquifer water levels, e.g. the "60 feet" static water level measured 4/19/2006, Well No. 2 would have 50 feet of available drawdown above the casing slots at 110 feet. At the specific capacity measured for the present report, 20 gpm/ft, a maximum production rate of 1,000 gpm is suggested. Equipping the well with a variable speed pump and keying discharge rates to contemporaneous water levels would allow maximum production while avoiding air entrainment. Alternatively, the limited amount of air entrainment could simply be accommodated through air-release equipment (as is presently the case) and acceptance of a potentially reduced pump life.

5.3.3 Pump Performance

With a pumping water level of approximately 110 feet (Table 5.1) and the observed discharge pressure of 82 psi, the total dynamic head for these wells is approximately 300 feet.

The most recent data identified for this report indicates the pump in Well No. 1 is a Goulds 7THC 75 hp, installed in 2021; equipped with a shroud because it is set below the top of the screened interval (Bob Ablondi, pers comm. 3/5/2025). Comparison of the measured discharge and pumping water level of Well No. 1 with the manufacturer's performance curve for this pump (see Figure G in Large Figures) suggests near-expected performance.

Based on the 2010 system upgrade specifications, Well Nos. 2 and 3 have Robbco 75 hp 7THE-5 stage pumps installed. (No records of subsequent replacements have been found.) Comparison of the measured discharge and pumping water levels of these wells with the manufacturer's performance curve for this pump (see Figure H in Large Figures) suggests satisfactory performance at Well No. 2, but significant underperformance at Well No. 3. Figure H indicates the SCADA pre-set discharge rate for Well No. 3, 515 gpm, would be reasonable for this pump were it operating up to specifications. This suggests the "515" value may have been correct at one time.

Based on this evaluation of pump performance, it was recommended to remove the pump and drop pipe in Well No. 3 for inspection. This was completed in July 2025 and the pump impellers were found to be considerably worn. The occurrence of sediment in the discharge from Well No. 3 was noted upon its initial completion (see Section 5.3.2, with further discussion in Section 5.6). Thus, the bulk of pump wear may have occurred early in the pump's life, as sediment continued to be cleared from the well. Absent an immediate replacement, the worn pump was reinstalled in the well. As of this writing, a new pump has been ordered but not yet installed. It is expected to usefully increase the output of the well.

5.3.4 Conclusions

- Well Nos. 1, 2, and 3 continue to perform well, have access to a deep-seated aquifer with abundant recharge, and should remain the core of the Alpine municipal water system.
- Pump performance in Well No. 3 should be further evaluated, with equipment repair/replacement if indicated.
- Additional pumping capacity may be available in all three wells at times of high aquifer water levels.
- Wells should be equipped with water-level monitoring equipment to allow flow modulation in response to large seasonal changes in background aquifer water levels.

5.4 MEGAWELL

5.4.1 Aquifer

Figure I in Large Figures provides a schematic cross section of our current understanding of the hydrogeology at the Megawell (modified from Sunrise, 2018). With the bedrock Salt Lake Formation at 100 feet beneath the alluvial deposits, the Megawell appears to have encountered a particularly large thickness of productive material, i.e. something of a low spot in the topography upon which the alluvium was deposited.

Based on the materials encountered by the Alpine-area wells, Well Nos. 1, 2, and 3 draw water from the older bedrock, limestone formations, whereas the Megawell is completed in the alluvial deposits associated with the Snake River terrace.

The full depth of this well is 142 feet, but the bottom 42 feet were described as "cemented gravel", "consolidated". The water-production characteristics of this lower 42 feet are unclear, but we interpret this as Salt Lake Formation and the "cemented" and "consolidated" descriptors suggest substantially lower permeability than the overlying "sand & gravel". That the well is only screened to a depth of 102 feet, with blank casing across the remaining 40 feet, similarly indicates the driller's judgement of a lack of water-production potential from the Salt Lake Formation.

This stratigraphy is critical to sustainable production from the well because the local water table, and thus the thickness of saturated sand and gravel, varies considerably in response to the water levels in adjacent Palisades Reservoir. This relationship is shown schematically on the Figure I cross-section, with the lowest aquifer water levels perhaps restricting the productive aquifer at the Megawell to a narrow channel.

Contemporaneous reservoir and Megawell water level elevation data are plotted on Figure J in Large Figures. The lower plots are simply expanded views of select portions of the data from the upper plot. The normal range in water level elevation in Palisades Reservoir is between approximately 5570 feet and 5620 feet (full), although in some years the elevation has dropped to 5510 feet. As indicated on the figures, once the reservoir elevation drops below 5520 feet, the Snake River is free flowing adjacent to the North Alpine area and lower reservoir elevations are irrelevant as the river becomes the base level to which local groundwater gradients adjust.

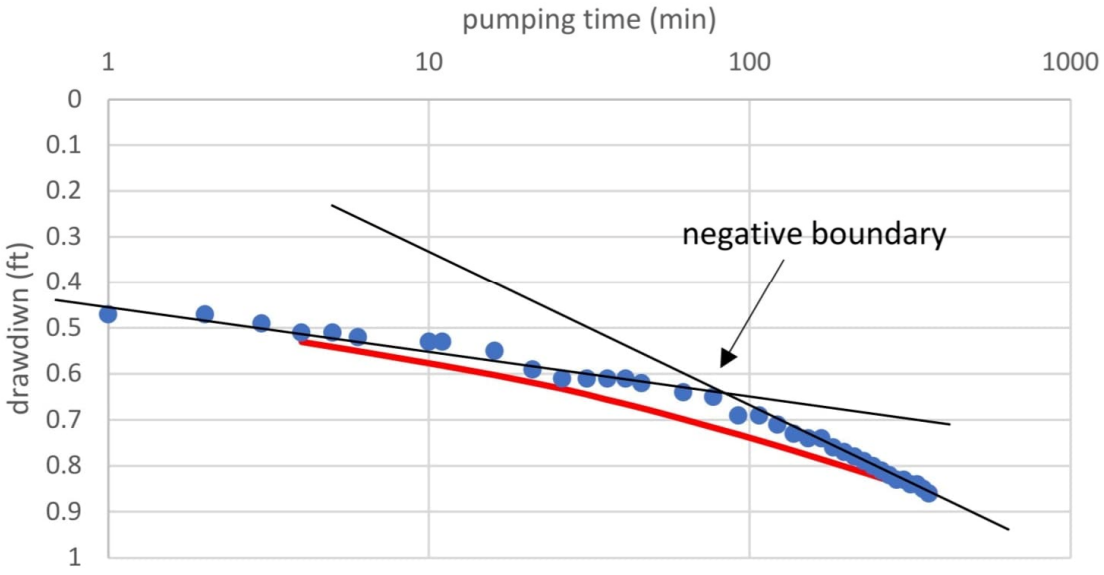


Figure 5-2 Megawell Testing 12/2024

The lower plot on Figure 5.1 presents long-term monthly average reservoir water elevations. Favorable to Alpine well production is the coincidence of the months of high reservoir levels and the months of high municipal water demands, i.e. June and July. August and September are problematic in this regard, as summer water demands have not abated, but the reservoir typically is drawn down to meet downstream irrigation demands.

The elevation of the base of the productive aquifer, i.e. the alluvial deposits, at the Megawell appears to be at approximately 5540 feet. Thus, were the local groundwater table to fully adjust to a reservoir level lower than that, the primary aquifer at the Megawell would be dry. Although a datalogger was installed in the Megawell 10/18/24, the logging instrument was lost down the well during attempted retrieval on 4/8/2025. Still, the periodic manual measurements of well water

levels show the expected decline with reservoir levels - lagged by a couple of months - followed by a rise as the reservoir is re-filled. The line drawn to connect the measurements on Figure J (in Large Figures) is conjectural as to "bottom" and the timing of the turn-around in aquifer water level.

Based on the trajectory of aquifer water level at the Megawell, it appears unlikely to fall below elevation 5585 if Palisades Reservoir is operated normally, i.e. seasonal low elevation of 5560 - 5570 feet. This leaves a saturated aquifer thickness of 45 feet in the well, which was demonstrated to produce prolifically in our December 2024 testing.

Figure I in Large Figures illustrates the likely quite variable character of groundwater flow in the area. Sunrise (1995) presented a regional groundwater gradient from east-to-west (i.e. from the upland areas groundwater flows west and south toward the river) but noted, "There are likely periods of time in which the general groundwater flow is stagnated or reversed due to reservoir level changes and local areas of concentrated groundwater withdrawals."

Rendezvous (2002) documented steep groundwater gradients westward and southward off the highlands east of the Megawell. For example, the water level elevation in a well on the bench southeast of the Megawell was nearly 50 feet higher than at the Megawell.

The December 2024 testing of the Megawell is presented on Figure 5-2. (Note the log time scale, i.e. a much larger time increment between data points as one moves from left to right across the plot.) The linearity of the drawdown plot over the first 2,000 minutes (1.4 days) indicates an "ideal" (Theis Equation) aquifer with a transmissivity of approximately 250,000 gpd/ft, i.e. the very high productivity expected from the texture (gravel) and observed infiltration capacity of the alluvial deposits. (Discharge of 390 gpm to the ground surface for 4 days created a pond of less than 3,000 ft^2 surface area.) Assuming this production came uniformly from the 46 feet of saturated alluvium present at the time of the test, an aquifer hydraulic conductivity of 5,400 gpd/ft^2 is indicated.

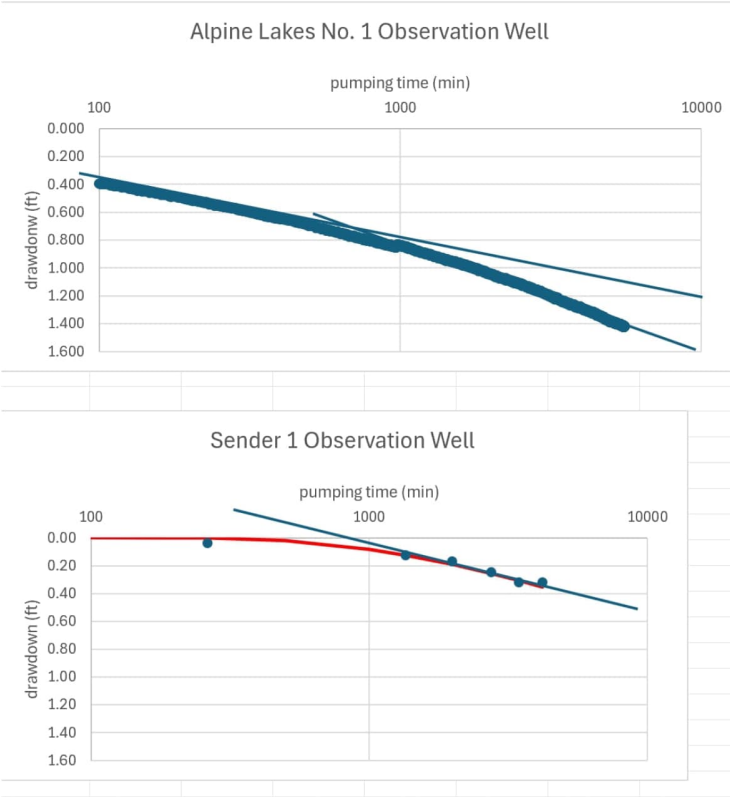


Figure 5-3 Megawell Test Observation Wells 12/2024

Beyond approximately 2,000 minutes, the slope of the drawdown plot (Figure 5-2) approximately doubles. This indicates the presence of a "boundary" in the aquifer, most likely a significant reduction in thickness of the prolific gravel deposit encountered by the well. Nonetheless, the 4-day drawdown in the well created by the continuous production of 390 gpm was only 1.8 feet, for a specific capacity of 216 gpm/ft.

The December 2024 test of the Megawell included two observation wells, for which data are plotted on Figure 5-3 (see Figure 5-4 for locations). Based on location, depth, and lithology, both wells are completed in the same, alluvial aquifer as the Megawell. The Alpine Lakes #1 and Sender 1 wells are 81 and 89 feet deep, respectively, and are 129 feet and 870 feet, respectively, from the Megawell.



Figure 5-4 Megawell Test Map 12/2024

The Alpine Lakes #1 well, for which high-frequency water level measurements were recorded with a transducer datalogger, shows the same drawdown pattern as the Megawell, i.e. time-drawdown relationship indicating an aquifer transmissivity of 216,000 gpd/ft over the first day, with subsequent data indicating an effective transmissivity approximately ½ that value. As with the Megawell, this indicates the presence of a substantial reduction in aquifer transmissivity (akin to a complete termination of the aquifer) at some distance away. Located 129 feet from the Megawell, the Alpine Lakes #1 well is sampling a large portion of the aquifer and its drawdown data are not impacted by the wellbore hydraulics of the pumping well. Thus, the storage coefficient of 0.05 indicated by the observation well data is an accurate measure of this parameter. This is a reasonable value for this unconfined aquifer.

The Sender 1 well, much further from the Megawell, began to "see" the pumping of the Megawell in approximately 10 hours. The Figure 5.3 data were collected manually, but also indicate the presence of a highly transmissive aquifer extending across the intervening area. Quantitative aquifer parameters indicated by these data are: transmissivity = 206,000 gpd/ft; and storage coefficient = 0.06.

The Statement of Completion for the Megawell reported an 8-hour pump test at 2500 gpm produced only 2 feet of drawdown, i.e. specific capacity of 1250 gpm/ft, with a "full" aquifer (80

feet of saturation). However, this test discharged to the surface at the wellhead, providing opportunity to recycle water via rapid infiltration to aquifer recharge.

The 11/14/18 test at 435 gpm for 6 hours produced 0.86 feet of drawdown, i.e. a specific capacity of 506 gpm/ft, with 52 feet of saturation. However, neither the Statement of Completion test nor the 2018 test were run for time long enough to experience the aquifer boundary(s) expected to exist, and as at least partially revealed in the December 2024 testing for the present report. The December 2024 test was discharged through the existing transmission lines at a distance of 2,200 feet from the well to preclude discharge/infiltration recycling.

The lithologic log of the Megawell provides no information on variations in lithology through the alluvial section. It is all described as simply, "sand & gravel". Assuming the permeability is similarly consistent, the aquifer likely remains quite productive throughout, but no testing has been completed at lower static water levels. (It is not unreasonable to assume that, if anything, aquifer permeability increases with depth, as coarser material may have accumulated in the low spots in the sub-alluvium topography.)

A first approximation of the sustainable production of the Megawell is guided by the December, 2024 4-day specific capacity of 216 gpm/ft and the saturated thickness of 46 feet. Limiting drawdown to 1/3 of the saturated thickness (leaving 30 ft of saturation) suggests a potential production rate of 3,200 gpm. However, this calculation makes no allowance for lower background water levels or the additional decreases in aquifer thickness or permeability likely present in the surrounding aquifer.

5.4.2 Well Conditions

It appears the Megawell was constructed at a time of relatively high groundwater levels. This provided a particularly favorable view of the well's production capabilities, but unfortunately, led to placement of the screened section such that portions of it are above the water table at less favorable times of year (see Figure F in Large Figures). As examined in December 2024, for example, the depth to water of 57 feet left the upper 15 feet (25%) of screen above the water table.

While theoretically exposing the pump to air entrainment from water cascading into the wellbore, the relatively small drawdowns expected in this prolific well would minimize this effect.

5.4.3 Pump Performance

2019 communication to Sunrise Engineering from the pump installer indicates the pump in the Megawell was set at a depth of 115 feet. Presumably, at that depth, the pump is equipped with a shroud to ensure water entering the well from above the pump is drawn past the pump motor to ensure adequate cooling. This setting also accommodates the large fluctuations in the static and pumping water levels in this well.

5.4.4 Conclusions

- The Megawell was completed in a particularly favorable location, i.e. a relatively large thickness of highly-permeable sand and gravel. This makes the well extraordinarily productive (hence the name, "Megawell").
- The particularly productive deposits in which the Megawell is completed extend hundreds of feet from the well, but are not continuous across the larger north Alpine area.
- The local transmissivity of the aquifer is approximately 210,000 gpd/ft and the storage coefficient is approximately 0.05. This transmissivity is based on testing with 45 feet of saturated aquifer. At times of higher background water levels, saturated thickness is as much as 77 feet, and the transmissivity of the aquifer would be proportionately greater than that tested here.
- Water levels in the aquifer from which the Megawell draws are intimately tied to the water level elevations in Palisades Reservoir, which vary as much as 100 feet. Because the productivity of the well is a function of the saturated thickness of the aquifer, production potential varies from several thousand gpm when the aquifer is "full", to relatively little were the aquifer to decline to "empty".
- 1,200 gpm is recommended as a conservative design rate for the Megawell going forward. This rate would accommodate substantially lower aquifer water levels than have been tested to date and substantial decreases in aquifer transmissivity as sustained production draws upon areas of the aquifer beyond the reach of the testing conducted to date.
- Additional testing at rates up to 2,000 gpm for durations on the order of weeks, at a time of relatively low water levels, with careful attention to remote discharge of test water, would usefully refine understanding of this aquifer if production rates in excess of the design rate recommended above are desired.
- There is no way to avoid setting a production pump within the screened interval of this well. To ensure a pump setting sufficiently deep to accommodate potential fluctuations in aquifer water levels, a depth of at least 90 feet is recommended, equipped with a pump shroud to ensure adequate cooling flow across the pump motor.
- Similarly, if high discharge rates are desired, a program of regular water-level monitoring, either through SCADA connected transducer or routine manual measurement, should be established. Once a clearer relationship between aquifer and reservoir water levels has been established over several annual cycles, it may be possible to confidently assess pumping rates without reference to water level contemporaneous measurements.

5.5 FLYING SADDLE

Sunrise (1995) describes the Flying Saddle Lodge as having "two wells which supply the motel rooms and other facilities associated with the motel. Additionally, there is a well which provides irrigation water for the surrounding lands and the area west of the motel." The Flying Saddle wells subsequently became the source for the North Star Utility company, which supplied water to various properties on the north side of the Snake River. Rendezvous (2009) state, "The North Star Utility company has also added several new supply wells on the Flying Saddle property adjacent to the Snake River. Total current capacity is estimated

to be about 200 gpm." Apparently, the "several new supply wells" are simply the two existing Flying Saddle wells, as that report goes on to state, "Several exploratory wells have been attempted on private land away from the general north-south fault line ... on the north side of the river. However most of the wells attempted reported yields less than 25gpm." The "200 gpm" value appears to be associated with a cancelled water right enlargement; it is unclear whether that flow rate was ever measured.

The North Star service area and associated infrastructure was subsequently absorbed into the Town of Alpine municipal system once a water transmission line was constructed across the river. The two original Flying Saddle wells were investigated for the present report, as they are the only wells understood to have become part of the Town of Alpine system. The wells were inoperable in that capacity at the time of the present investigation due to mechanical failures at the point of system interconnection.

5.5.1 Aquifer

Rendezvous (2002) examined the area of the Flying Saddle wells in association with the North Alpine Service and Improvement District (NAISD; "Reese Subdivision"), which is supplied by 2 wells immediately north across the highway, 750 feet from the Flying Saddle wells. These wells, John Clinger No. 1 (permit 102467) and John Clinger No. 2 (permit 102468) are of comparable depth to the Flying Saddle wells, i.e. 109 and 150 feet, respectively.

Based on the sketchy lithologic and completion data reported for the NAISD wells, the source was suggested to be some combination of the Salt Lake Formation and the underlying limestone strata, with local permeability enhancement due to fracturing along the valley-bounding fault system (see Figure C in Large Figures).

Lithologic logs for both the Flying Saddle and NAISD wells are cursory and are dated 6, 14, and 48 years after the actual construction of the wells. The NAISD wells report "gravel" to 60 feet, and "limestone and shale" to total depth; the Flying Saddle wells report "clay and gravel" to 40 feet, and "gravel and sand" to total depth. Thus, a potential paleo-channel aligned with the current Snake River may be indicated (i.e. sand and gravel deposits extend deeper, closer to the river).

Pump testing of NAISD Well No. 2 at 50 gpm for 13 hours produced 7.5 feet of drawdown, for a specific capacity of 6.7 gpm/ft. (Well No. 1 was used as an observation well.) Drawdown analysis indicated an aquifer transmissivity of approximately 3,300 gpd/ft.

The association between groundwater levels in area wells and the water level in Palisades Reservoir was noted, e.g. a 50-feet variation in static water levels even this far upstream of the Palisades Dam. The available drawdown in the NAISD during times of low water levels was identified as a constraint on expansion of well discharge rates. (Testing was performed in July, 2002, a time when the Snake River was free flowing adjacent to this area.) Comparisons with 1995 groundwater level measurements indicated there are times when the groundwater flow gradient is from the river/reservoir towards the wells rather than normal situation of groundwater flow towards the river.

5.5.2 Well Conditions

Table 5.5 summarizes the limited data available on the history and construction of the two Flying Saddle wells. "Well #2" was reportedly drilled by the US Bureau of Reclamation in approximately 1949. Data on file with the State Engineer's Office were submitted from memory of lost files and conjecture by the long-time property owner in 1995. "Well #1" was drilled in 1982, with information presumably recorded by the driller.

(These two wells are only 80 feet apart and have been equipped with identical wellheads. Table 5.5 draws data from the Statements of Completion for the two wells on file with the Wyoming State Engineer's Office and from direct measurements for the present study. However, the assignment between well numbers (1 and 2) and well location (north and south) is ambiguous. The wellhouse assignments of "1" and "2" appear to be reversed as number "1" is the more productive, which better matches the completion information for No. 2.)

Static and pumping depths-to-water were measured in the two wells on 12/11/24, with discharge to the surface at a distance of 400 feet (i.e. far enough away to preclude water recycling over these short tests).

Table 5.5 Flying Saddle Well Summary

	Well #1	Well #2
Completion Date	5/5/1982	1949
Depth (ft)	162.9 or 120??	120
Open Interval (ft)	80 - 160 torch slots	open-ended casing at 120(?)
WBZ	"gravel & sand"	- unknown -
Water Level (date)	40 (5/5/82)	60 (unknown)
SOC Q (gpm)	50	50
SOC Test	80 gpm; 1 hr; 6' drdn; 13.3 gpm/ft	- none -
SOC SWL		60
Dec 11, 2024 Investigations		
	North Well	South Well
Static Water Level (ft)	79.85	80
Pumping Water Level (ft)	81.85	102.4
Rate (gpm)	95	43
Drawdown	2.0	22.6
Specific Capacity (gpm/ft)	47.5	1.9

Figure F in Large Figures illustrates the basic construction of the Flying Saddle wells, including reference to water elevations in the wells and adjacent Snake River.

Not surprisingly, the water levels in the Flying Saddle are influenced by the level of Palisades Reservoir, when it is sufficiently full to extend that far upstream. The free river elevation is approximately 5570 feet at Flying Saddle; the full reservoir is at 5620 feet; the reservoir level on the day of our December 2024 testing was 5572 feet. Thus, our testing was likely near seasonally low water levels in the aquifer.

With a surface elevation of approximately 5650 feet, the reported open intervals of the wells are below 5570 and 5530 feet, for wells #1 and #2, respectively. Thus, at low water levels (e.g. at the time of our December 2024 testing), the north well drew the pumping water level in the well down just to the top of the casing slots (assuming the north well is #1) and even with the river level. Statement of Completion information for well #2 is sparse (and somewhat speculative), but suggests pumping water levels remain within solid casing despite the much greater drawdown.

The much higher specific capacity in the north well measured for the present report relative to that remembered for submission with the Statement of Completion may be due to well development over time or simply errors in memory and reporting. In any case, as observed in December 2024, the north well is significantly more productive than the south well in terms of drawdown per unit of discharge.

5.5.3 Pumps

No investigations were made of pump performance relative to manufacturer's specifications.

5.5.4 Conclusions

- Although far less tested than the aquifer at Alpine Well Nos. 1, 2, and 3, the aquifer at Flying Saddle may have comparable productivity given adequate well construction. The cursory well logs available for adjacent wells suggest deeper drilling could access the deep and more extensive fractured limestone bedrock aquifer.
- The aquifer at Flying Saddle has similar groundwater level vs. Palisades Reservoir issues as elsewhere in the Alpine area, although as the reservoir level drops, the river channel is exposed at a much higher elevation adjacent to these wells than at the Megawell, for example. The additional characteristic of close proximity to the river potentially provides more immediate hydrologic connection.
- Little reliable information has been located on the construction or lithology of the Flying Saddle wells.
- Drawdown measurements for this report show the south well to be poorly productive and suggest production has deteriorated substantially over time. The potential contributions of this well to the Alpine municipal water supply as it stands are minimal and inefficient. The production of the well could potentially be restored by downhole cleaning and re-development.

- Drawdown measurements for this report show the north well to be moderately productive, perhaps even having improved over time as the near-well aquifer has been further developed. With repaired interconnection plumbing, this well could contribute on the order of 100 gpm to the Alpine municipal system.
- Downhole video of these wells could identify construction details relevant to optimization of pump settings, production rates, and possible well rehabilitation.
- Long-term reliance on the aquifer at this site would best be established by construction of new, larger-diameter, carefully designed and constructed replacement well(s).

5.6 WATER QUALITY

Table A compiles past analyses of major anions and cations, identifying Alpine-area groundwater as calcium bicarbonate dominated, as expected based on the predominance of limestone in the source deposits. Well Nos. 1 and 2 were extensively sampled for all relevant drinking water quality parameters in 2004, and Well No. 3 and the Megawell were extensively tested upon construction (2009 and 2016).

As the source of an EPA-certified Public Water Supply, these wells are also routinely sampled for those constituents for which EPA has established drinking water standards (listed in the final two columns of Table A, found in Large Tables). Those analyses are the basis for annual Consumer Confidence Reports (CCR) which are available to system users. Review of those reports for the Town of Alpine, i.e. Well Nos. 1, 2, and 3, from the last 5 years populates the "CCR" column of Table A. (Select CCR examples are provided in Appendix E.) Although there have been scattered "violations" with respect to sampling schedules, no exceedances of standards have occurred.

(Despite consistently reporting "ND", i.e. non-detect, for arsenic, the Town of Alpine CCR's include the statement, "While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic." No detection limit is listed with the CCR's "ND", but the Table A analyses for arsenic found a maximum of 0.002 mg/L, which is one fifth of the drinking water standard.)

Finally, the Rendezvous 2009 report noted, "although the great bulk of mobilizable sediment appears to have been removed from Alpine Well No. 3, the well will likely produce additional fine sediment (giving it a cloudy appearance) if pumped at rates approaching 800 gpm. Higher rates would likely entrain sediment that was not mobilized during the 800 gpm test pumping.

Basically, it is reasonable to assume that the Table A values fairly characterizes current water quality in the absence of upsets. Alpine Well Nos. 1, 2, and 3 have been found to consistently produce groundwater of excellent quality, easily meeting all EPA Drinking Water Standards (Primary and Secondary).

To augment the comprehensive sampling of the Megawell in 2018, out of concern that the sustained high-discharge pumping for the present study might mobilize contamination from the surrounding aquifer, serial samples were taken for nitrate and chloride sampling during that test. (These two constituents were chosen as common markers of septic system contamination.)

Table 5.6 Megawell Serial Water Quality (December 2024)

Gallons Pumped	Nitrate (mg/L)	Chloride (mg/L)
93,600	0.36	2
521,430	0.37	2
950,430	0.37	2
1,514,760	0.36	2
2,042,430	0.37	2

As listed in Table 5.6, there was no significant change in either parameter over the course of the 2+ million gallons pumped from the aquifer. Nor are these concentrations of concern. (The drinking water standard for nitrates is 10 mg/L; there is no standard for chloride.)

While the Flying Saddle wells supplied the North Star Utility, they too produced CCRs. The most recent edition reviewed for this report was for 2015, which provided the values compiled in Table A. An earlier report, for 2011, cited the detection of coliform bacteria in 5% of monthly samples and that "one [sample] is also fecal coliform, or E-Coli, positive". The status of chlorination facilities at that time is unclear and the Flying Saddle motel has since been connected to the Town sewer system.

Protection of groundwater quality from contamination is a concern for all systems. This is particularly true of Alpine, given the extraordinary permeability of surface materials and the unconfined nature of the developed aquifers. Basically, any objectionable substance on the surface (e.g. accidental spills or overapplication of herbicides, pesticides, fertilizer) or shallow subsurface (e.g. leaking storage tanks, wastewater disposal systems) is likely to travel quickly and easily downward to the groundwater table. This has been dramatically demonstrated by the soil infiltration capacity being sufficient to preclude runoff from multi-day pump tests with 400 - 1,000 gpm discharge.

Groundwater flow is a function of the permeability and thickness of aquifer materials and of the gradients driving groundwater from points of recharge to points of discharge. In most situations, groundwater flow serves to dilute contamination entering the aquifer via infiltration from the surface. Here, however, groundwater gradients change dramatically on a seasonal basis and are likely temporarily reversed as a result of changing water levels in Palisades Reservoir. For the Megawell, for example, there may be a period of relatively stagnant groundwater flow as local groundwater levels rise to "catch up" with the rising reservoir each spring. Contaminant dilution by groundwater flow is minimal at such times, potentially allowing contaminant levels to temporarily build up.

A cursory "Source Water Protection for Alpine, Wyoming" was prepared in 2004 as part of a statewide survey of public water supplies (Trihydro, 2004). This was prior to the construction of Well No. 3 and the abandonment of the Mill Creek Spring system. Figure K is the relevant portion of the map produced by that investigation.

Based on generalized hydrogeologic parameters, that study "delineated three contaminant inventory zones ... for the purpose of inventorying possible sources of contamination that could affect drinking water quality":

Zone 1 - “accident prevention”, “within a 100 foot radius of the well”;
Zone 2 - “attenuation zone”, the groundwater “2-year travel time” to the well; and
Zone 3 - the groundwater 5-year travel time to the well

These three zones are the progressively larger shaded areas around Alpine Well Nos. 1 and 2 on Figure K. Although based on very limited hydrogeologic investigation, the delineated areas are qualitatively correct, indicating that the area around the wells and including direct recharge from the Greys River are of greatest concern with respect to well contamination by local land uses. Inclusion of Well No. 3 would not have materially changed the results of that investigation.

(The large shaded area south and west of the wellfield identifies the area of potential contamination concern with respect to the long-abandoned spring system.)

The 2004 source water protection study tagged the vulnerabilities of having unfenced wellheads as well as the unconfined nature of the aquifer. Fortunately, the Alpine Well Nos. 1, 2, &3 wellfield is located at the edge of town and is largely removed from major areas of commercial development.

No specific source water protection programs have been developed for the Megawell or the Flying Saddle wells, but the concepts are the same. Both receive recharge from their immediate surroundings, and both are subject to seasonal groundwater flow stagnation or reversal as a function of pumping water levels and water levels in Palisades Reservoir.

Particularly for the Megawell, which lies in the midst of potentially developable parcels, adjacent land use should be constrained to minimize potential aquifer exposure to hazardous materials. The extension of the town sewer system throughout this area has substantially reduced the exposure of the Megawell to the routine, low-grade contaminant flow from septic systems.

The close proximity of the Flying Saddle wells to the Snake River, with pumping water levels below the water level in the river, adds an additional element of water-quality vulnerability at that location, i.e. direct recharge from the river.

Finally, the 2008 Source Water Protection Plan recommended fencing wellheads to prevent vandalism or malicious contamination. In areas of such high infiltration rates, casing seals may have limited value, but have been required for new public water supply wells for some time. According to the Statements of Completion, casing seals are reported as follows:

Alpine Well No. 1 - surface casing used, no seal provided
Alpine Well No. 2 - surface casing used, seal provided
Alpine Well No. 3 - surface casing used, no seal provided, but well was drilled with casing advance
Megawell - surface casing used, no seal provided
Flying Saddle No. 1 - surface casing used, no information on seal
Flying Saddle No. 2 - surface casing used, seal provided

None of the wells addressed in this report are fenced or have locking caps.

5.6.1 Conclusions

- The natural groundwater quality of the Alpine-associated aquifers is excellent.
- The primary recharge area for Well Nos. 1, 2, and 3 is across undeveloped, US Forest Service administered lands to the south and west, providing a substantial measure of long-term protection of groundwater quality.
- Recharge areas for the Megawell include the undeveloped uplands to the east, but also the immediately surrounding area of developed residential and commercial use and the transportation corridor of Highway 89. Measures to limit the potential for contamination in this area should be considered.
- Recharge for the Flying Saddle wells likely comes primarily from the lightly-developed uplands to the south, but, like all the other wells, they too are vulnerable to contaminants infiltrating from the local surface.
- Basically, any objectionable substance on the surface (e.g. accidental spills or overapplication of herbicides, pesticides, fertilizer) or shallow subsurface (e.g. leaking storage tanks, wastewater disposal systems) is likely to travel quickly and easily downward to the groundwater table.
- Sediment production from Alpine wells may also compromise delivered water quality. If the Megawell is equipped with a higher capacity pump, or if production from the existing Alpine wells is expanded, attention should be given to sediment production and the potential need for additional, aggressive well development.

5.7 WATER RIGHTS / REPORTING

Table 5.7 presents the water rights relevant to this project, i.e. those for the existing and prospective Town of Alpine municipal water supply. (Permits and Statements of Completion from the files of the Wyoming State Engineer's Office are provided in Appendix F.)

Table 5.7 Town of Alpine and Associated Water Rights

Well	Permit	Priority	GPM	Use	Notes
Mill Cr. Spring	24104	7/9/73			developed spring
	6910E				
Alpine No. 1	39163	7/20/77	200	MUN	
	78067	12/27/85	100	MUN	enl of gpm; total = 300
	98662	3/27/95	50	MUN	enl of gpm; total 350
	189882	10/23/08	350	MUN	enl of gpm; total 700
Alpine No. 2	77717	6/23/88	375	MUN	
	189883	10/23/08	325	MUN	enl of gpm; total 700
Alpine No. 3	198240	1/3/12	650	MUN	

Some individual permits have annual volume limits. Permit 198240 sets a volumetric cap for all three Alpine wells (with enlargements) of no more than 400 ac-ft on a 10-year average and 500 ac-ft in any single year. This cap will change if the Megawell is added to the system.					
Flying Saddle #1	101241	12/12/95	50	MIS	1.5 ac-ft/yr volume cap
	178318	9/12/06	50	MIS	enl of gpm; 100 gpm total 113.5 ac-ft/yr volume cap
	182139	6/12/07	200	MIS	"Cancelled" for lack of followup.
Flying Saddle #2	101242	12/12/95	60	MIS	permit for a long-existing well 1.5 ac-ft/yr cap
	178319	9/12/05	50	MIS	113.5 ac-ft/yr cap
	182140	6/12/07	200	MIS	"Cancelled" for lack of followup.
"Megawell"	206257	9/16/16	500	MIS	official name is ""Excel Development Well No. 1"; 350 ac-ft cap
	209144	5/23/18	0	MIS	enl of annual cap and area of use 20 ac-ft cap (this permit)
As of 5/5/2025, application has been made to replace this permit with municipal-use, 2500 gpm, and system-wide volumetric cap of 1800 ac-ft/yr (TFN 47-3-001)					

5.7.1 Well Nos. 1, 2, & 3

Current permits for Alpine Well Nos. 1, 2, and 3, include the following "determination":

The water appropriated under this groundwater permit and the waters of the Greys River and its tributaries have been determined to constitute one source of supply ...

As such, any required regulation of the water rights of the Greys River and its tributaries in the future shall consider this permit under the priority date shown, together with all other rights to use water from the Greys River and its tributaries.

In practice, this determination has no impact on the use of these water rights as there is little to no chance of priority administration of water rights in this area.

Permit 198240 (Well No. 3) consolidates "Additional Conditions and Limitations" for Alpine Well Nos. 1, 2, and 3:

1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.

2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well and other wells used to supply water to the Alpine Water & Sewer District each month during the previous January 1 to December 31, twelve (12) month period.

3. The report shall identify the well(s) by name(s), location(s), permit number(s) and shall identify the type of meter(s) used for the measurement(s).

4. The report shall contain at least two (2) semi-annual measurements of the pumping water level in this well and the other wells used to supply water to the Alpine Water & Sewer District, as measured after a minimum of twenty-four (24) consecutive hour of pumping. The dates the measurements were obtained and the period of time the well was pumped prior to obtaining the measurements must be specified.

5. The report shall contain at least two (2) semi-annual measurements of the static water level in this well and the other wells used to supply water to the Alpine Water & Sewer District, as measured twenty-four (24) consecutive hours after pumping has ceased. The dates the measurements were obtained and the period of time the well and the other wells were "shut-in" prior to obtaining the measurements must be specified.

6. Water produced from Alpine Water District No. 1 Well, Permit No. U.W. 39163, First Enlargement of Alpine Water District No. 1 Well, Permit No. U.W. 78067, 2nd Enlargement Alpine Water District No. 1 Well, Permit No. U.W. 98662, 3rd Enlargement Alpine Water District No. 1 Well, Permit No. U.W. 189882, Alpine Water & Sewer District Well #2, Permit No. U.W. 77717, First Enlargement Alpine Water & Sewer District Well #2, Permit No. U.W. 189883, and Alpine Well No. 3, T.F. No. 42-5-518 shall not exceed:

a. an annual average combined total of 400 acre-feet.
b. a combined total of 500 acre-feet in any one given year.
c. a total of 4 ,000 acre-feet in any consecutive 10-year period.

7. The State Engineer may, upon written request, waive or modify all or any portion of these conditions and limitations.

The well flow rates measured 4/8/2025 were 455, 445, and 361 gpm, for Well Nos. 1, 2, and 3 respectively. These compare with combined water rights of 700, 700, and 650 gpm, respectively. Thus, all wells are operating within their water right flow rate limits, with substantial margins for expansion.

As far as we have been able to determine, none of the reporting required under items 2 - 5 has been provided to the State Engineer's Office.

Comparison of the use history developed for these wells (see "Demands" section) indicates that both the 500 ac-ft/year maximum and the 400 ac-ft/year average volumetric limitations for the combined production have been exceeded for the last three years (2022 - 2024).

We have found no requests for modification of these permit conditions.

Although similar reporting requirements have become routine for municipal-use groundwater rights across the state, they are rarely monitored or enforced. Reporting requirements typically are subject to review at the point when a user is requesting an enlargement of existing water rights or issuance of additional water rights, as is the case with the Megawell.

Regardless of enforcement exposure, however, these requirements reflect good management practices in providing a groundwater user the information necessary to track changes and identify potential needs for adjustment of water source management.

5.7.2 Flying Saddle

The most recent water right for these wells (182139), includes the following "determination":

> The water appropriated under this groundwater permit and the waters of the Snake River and its tributaries have been determined to constitute one source of supply ...
>
> As such, any required regulation of the water rights of the Snake River and its tributaries in the future shall consider this permit under the priority date shown, together with all other rights to use water from the Greys River and its tributaries.

In practice, this determination has no impact on the use of these water rights as there is little to no chance of priority administration of water rights in this area.

The most recent active permit for these wells (178318) [no "determination"] includes "Additional Considerations and Limitations":

> 1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.
>
> 2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well each month during the previous January 1 to December 31, twelve (12) month period.
>
> 3. The report shall identify the well by name, location, permit number and shall identify the type of meter used for the measurement.
>
> 4. The report shall contain at least two (2) semi-annual measurements of the static water level in the well as measured twenty-four (24) consecutive hours after pumping has ceased. The dates the measurements were obtained and the period of time the well was "shut-in" prior to obtaining the measurements must be specified.
>
> 5 . The State Engineer reserves the right, upon written request, to modify or waive all or any portion of these conditions and limitations.

The discharge rates measured for the present report are well within the water-right limitations for these wells. We have identified no volumetric information for these wells, but their lack of use in recent years precludes them having exceeded those water-right limitations.

We have identified no reporting under the requirements of the "Additional Considerations and Limitations".

5.7.3 Megawell

The enlargement permit for this well (209144) includes "Additional Considerations and Limitations":

> 1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.
>
> 2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well each month during the previous January 1 to December 31, twelve (12) month period.
>
> 3. The report shall identify the well by name, location, permit number and shall identify the type of meter used for the measurement.
>
> 4. The State Engineer reserves the right, upon written request, to modify or waive all or any portion of these conditions and limitations.

The pump currently installed in the Megawell is not capable of exceeding the water-right discharge rate. While there is a meter at this wellhead, it is not part of the SCADA system and is not routinely read. For the present study, manual readings were recorded sporadically from Nov. 8 to May 28. These readings document daily average pumping rates from 21 to 153 gpm, with the great majority of days reporting values close to 50 gpm. We have identified no credible volumetric information for the well, but the relatively minor use precludes it having exceeded that water-right limitation.

We have identified no reporting under the requirements of the "Additional Considerations and Limitations".

Regarding permitting through Wyoming Department of Environmental Quality (WDEQ), the Megawell was previously permitted as a drinking water source for the Targhee Place and Alpine Lakes developments under Permit #18-203. We are not aware of any coordination with EPA prior to the well being transferred to the Town. To our knowledge the well and system serving Targhee Place has not been assigned its own public water system number but is being monitored by EPA under the Town of Alpine system.

5.7.4 Recommendations

1. The required water-use reporting should be brought up to date to the extent possible, and routine reporting should be established going forward. The data to fulfill these requirements are readily available through the SCADA system. On-line reporting is available through the Wyoming State Engineer's Office. See: https://seo.wyo.gov/ground-water/metering-and-reporting

2. A program should be instituted to measure and report the required water-level data. This will require manual measurement with a conventional sounder or equipping the wells with down-hole pressure transducers. Ideally such transducers would be incorporated into the SCADA system, allowing real-time monitoring of water levels. On-line reporting is available through the Wyoming State Engineer's Office. See: https://seo.wyo.gov/ground-water/metering-and-reporting

3. Alpine should request enlargement of the system-wide cap on groundwater production, both to reflect recent production history and to establish a margin for future growth. (This process has been initiated in association with re-permitting the Megawell as "Alpine Well No. 4", with a permit flow rate of 2500 gpm, and a system volumetric cap of 1800 ac-ft/yr (TFN 47-3-001).

4. The future use of the Megawell and the Flying Saddle wells will be "municipal", rather than the present "miscellaneous" To approach this as a permit enlargement would require Board of Control action and documentation of past use. Easier would be to simply apply for new, current-day priority permits for municipal use. Given the very low chance of priority regulation, there is little reason to try to preserve the priority date of the existing permits. This is the approach currently being pursued by the Town for the Megawell, i.e. re-permitting as "Alpine Well No. 4" with a 5/5/2025 priority date.

5. Alpine should update SEO records to reflect the current ownership of all wells.

6. Alpine should enlarge the Megawell permit to accommodate the design flow rate and service area once the well is added to the municipal system. (This is being pursued by the Town under TFN 47-3-001.)

7. Item 7 of the existing permits provide for requesting modification of conditions and limitations. Alpine should request modifications:
- a single meter is adequate to monitor the combined production of Well Nos. 1, 2, and 3. This is the current setup, although meter calibration and SCADA integration is deficient.

8. Static water level measurement at one of the three wells (Nos. 1, 2, and 3) is sufficient given the proximity and demonstrated interconnectedness of these wells.

9. To be meaningful, pumping water levels should be measured in close association with static water level. A single measurement, consistently in a month of low aquifer levels would provide sufficient monitoring of well performance. (Both this and the previous modification of reporting requirements would be unnecessary if SCADA-connected pressure transducers were installed.)

5.8 EXPANSION OPPORTUNITIES

Short-term increases in Alpine groundwater production may be available through the existing wells:

> The pump in Well No. 3 appears to be significantly underperforming. Restoration to pump specifications could potentially add 150 gpm of production.
>
> The north well at Flying Saddle has a demonstrated capacity of nearly 100 gpm, apparently available through repair of the connection of the Flying Saddle wells to the Alpine municipal system. Along with the south well, this would add approximately 140 gpm in their current condition and as currently equipped. Additional permitting (SEO, EPA, and DEQ) and associated water-quality compliance monitoring may be required.

The most obvious long-term expansion opportunity for the Alpine municipal water supply is, of course, the incorporation of the Megawell into the system. That opportunity is being pursued by the Town in parallel with the present report. An approximate doubling of the system production capacity is anticipated. While likely to provide a long-term, high-production, sustainable supply, the Megawell is vulnerable to productivity decreases associated with the management of Palisades Reservoir and to water-quality impacts from inappropriate land use and accidental spills in the surrounding area.

Although not creating an increase in production, significant reduction of system leakage may have the potential for usefully increasing the available water supply.

It may be possible to increase production from the existing Well Nos. 1, 2, and 3 wellfield by installing higher-capacity pumps, as guided by the 2009 optimization investigations. Well No. 3 is particularly suited for additional production due to having the greatest available drawdown. A program to maximize production from these wells should include real-time water level monitoring to ensure seasonally variable aquifer water levels are accommodated and, in the case of Well No. 2, that air entrainment is minimized (if desired).

At Flying Saddle, additional production could likely be gained through well re-development, particularly of the south well.

If groundwater production beyond these measures is desired, additional wells would likely be successful in areas along the fault system south of the existing 1, 2, 3 wellfield. Development of groundwater from these deep-seated aquifers is not vulnerable to water-level fluctuations, and southward expansion would avoid vulnerability to water-quality degradation by incompatible surrounding land uses. Sufficient offset to minimize inter-well drawdown impacts from the existing wellfield is recommended.

6.0 GROWTH AND DEMAND PROJECTIONS

6.1 POPULATION TRENDS

The Town of Alpine is an incorporated municipality and a Town in the U.S. Census, with an area of 0.9 square miles. The Town was incorporated in February 1989, and so data for the community has been part of the U.S Census since that time. Annexations to the Town have occurred on occasion, with significant annexations north of the Snake River since the purchase of the NSU water and sewer systems. Since incorporation, the Town of Alpine has been one of the fastest growing municipalities in Wyoming.

Beginning with the 2000 Census, a Census Designated Place (CDP) for Alpine Northeast and Alpine Northwest were included, which are both located north of the Snake River. These areas have seen portions annexed into the Town boundaries over the last couple of decades, and so an overall population including these CDP's will give a better idea of the population increase in the area.

A historical population summary for Alpine area from the US Census for years 2010 and 2020 is shown in Table 6.1.

Table 6.1 – Historical Population – Alpine Area (2010-2020)

Place	Population (2020)	Population (2010)	% Change
Alpine Town, WY	1,220	828	47.3
Alpine Northeast, WY	246	196	25.5
Alpine Northwest, WY	305	244	25.0
Total	1,771	1,268	39.7

For this 10-year time period, the average annual growth rate for the Alpine area was 3.40%. The population in the Alpine area has increased at a higher rate than most other areas of Star Valley.

CDP's in the lower Star Valley area ranged from 3.8% to 131.3% from 2010 to 2020 (it is unknown if increase in area contributed to the large outlier), with average annual growth rates ranging from 0.38% to 8.75%. It is believed that growth was relatively slow at the beginning of the decade and then increased throughout the middle and end of the 2010's. It is assumed that growth since 2020 has continued at a relatively high rate based on empirical evidence.

The number of water connections served by the Town of Alpine water system has increased over the years. This has been from infill of lots within the Town and additions through annexations. There are currently 663 connections on the Town system, each with a meter. Per the Sunrise 2009 report, the Town had 413 connections and 400 Equivalent Residential Units (ERUs) taking the varied usage for apartments and commercial units into account. Much of the growth since 2009 involved the purchase of the NSU water system, which served areas north of the Snake River. The following table shows the current breakdown of service connections by whether they are south of the Snake River (and thereby located within the historic

Town of Alpine service area) or north of the Snake River (and thereby located within the NSU or adjacent service area).

Table 6.2 Alpine Water Service Connections by Location

Service Connection Location	Number of Connections (2024)
South of Snake River (original Town of Alpine system)	516
North of Snake River (formerly NSU system)	147
Total	663

When breaking out the original Town area connections (south of the Snake River) and comparing them to past studies, it is apparent that there has been significant growth in that area over the last 15 years. The resulting growth rate was over 15% from 2009 to 2024, which is an average annual growth rate of approximately 1%. This shows that while the bulk of the population growth for the Town of Alpine has been through annexation, growth within the historic Town boundaries has also been strong.

During and after the Covid pandemic in 2020, the housing market in the region increased dramatically. From anecdotal experience, much of this demand was driven by people moving from more populated areas such as California, Oregon, and Washington that wanted to live in a more rural setting. Costs for land, houses, and rent also increased dramatically. With the proximity to the Jackson Hole area, many who work in Teton County live in nearby areas such as Alpine due to the lower (although still well above Wyoming average) cost of living. This also drives demand for housing in the Alpine area, which is expected to continue for the foreseeable future.

While most new service connections have been for residential use, there have also been commercial connections added to service businesses such as the new grocery store, medical clinic, hotels, and expanded convenience store. Other large projects are currently in process such as apartment buildings and an extended-stay hotel.

The Alpine community is bisected by the Snake River and Palisades Reservoir, which is operated by the US Bureau of Reclamation. The area is also bounded by the Targhee and Bridger-Teton National Forests, and Wyoming Game & Fish Department lands, so areas available for expansion of the Town are quite limited. However the majority of private lands located north of the Snake River are located outside of Town boundaries within Lincoln County. There are still a significant number of parcels that could be annexed into the Town in the future if desired by the Town and landowners.

The 2020 U.S. Census Bureau estimate of the number of individuals per household in the Alpine area was 2.31 persons per household, using a weighted average for the Town and both CDP areas. For this study, each current active water connection will represent 2.31 individuals. Therefore, the estimated population currently served by the Alpine water system is 663 connections x 2.31 persons/ connection = 1,532 people.

The Economic Analysis Division of the Wyoming Department of Administration & Information (EAD/DA&I) has population forecast data through 2050 for the Town of Alpine. In general, the predicted growth rates decrease gradually over the next 25 years. The EAD/DA&I forecast predicts varying annual growth rates

over the next 25 years ranging from 0.39% to 0.97%, with an average annual growth rate of 0.81 % from 2020 to 2050.

The Alpine water system has grown faster than this rate in the past due to the addition of the NSU system, as well as the significant growth experienced both inside and outside of the Town boundaries. Additional annexations are likely to continue, however most areas served by the water system have now been annexed. Recent ordinances passed by the Town essentially require annexation of areas to be added to the water system.

Based on review of population and service connection growth as described above, a community population growth rate of 1.0% will be assumed for the next 25 years. The projected population served by the Alpine system will increase as shown in Table 6.3. If actual growth rates experienced are higher, then those projected population numbers will be reached sooner.

Table 6.3 – Projected Population and Water Connections Alpine (2020-2050 – 1.0% Growth Rate)

	2025	2030	2040	2050
Alpine System Population	1532	1610	1779	1965
Alpine System Connections	663	697	770	850

6.2 SYSTEM DEMAND

For planning purposes, the projected annual population growth rate of 1.0% can be applied to estimated current-system water demand to determine future system water demand. See Appendix G for estimates of population and system growth and demands.

6.2.1 Current Water Demand

Previous studies (Rendezvous, 2009 and Sunrise, 2009) estimated the average day water demand at that time at less than 200,000 gpd, and the maximum daily demand at roughly 850,000 gpd (this did not include the NSU service area as it had not been added to the Town system yet). Additionally, a maximum daily demand of about 950,000 gpd was estimated based on well pump operations.

The Town of Alpine system has a meter at the south wellhouse to observe production from the three wells, which is tied to the SCADA system. There is also a meter at the booster pump that provides water to the upper storage tank. According to the Town operators, these meters have not been functional over recent years, and so there are no data available for the quantity of water sent to each of the storage tanks.

Run-time data for the wells are available, so a clamp-on meter was used to determine typical flows from each well. Flow measurements for each of Well #1, #2, and #3, were taken for 30 minutes

from start up to observe how the flowrates changed as drawdown presumably stabilized. The data showed that each well stabilized after a few minutes, with the following approximate flow rates: Well #1 = 455 gpm; Well #2 = 445 gpm, Well #3 = 360 gpm. These three wells are currently the only sources of water for the Alpine system.

SCADA Run Time Method: Using these flow rates in conjunction with well run-times obtained from the SCADA data, average daily demands showed a dramatic increase from 334,000 gpd (232 gpm) in 2021 to 759,000 gpd (527 gpm) in 2024. Maximum day demands were approximately 1,800,000 gpd (1,250 gpm) in July, which is essentially the maximum source currently available in the system (all three Alpine wells running concurrently for 24 hours/day). Per 2024 SCADA data and estimated population, the per capita ADD is 495 gpcpd, and the per capita MDD is 1,175 gpcpd.

There is a possibility that Well No. 3 has seen a rapid decline over the last few years, and that could partially explain the dramatic increase in run-time and thus demands. For example, if Well No. 3 was producing 450 gpm in previous years, less run-time would be needed to produce a given volume of water. However, we are confident that the well is only producing in the 360 gpm range at present, and are equally confident that the 2024 demands are valid (earlier years may be underestimated by assuming the lower flow rate).

Service Meter Method: Individual services are also metered, although the meters have limited capability for data collection. Service meters south of the Snake River (within historic Town boundaries) are typically read once per year as they must be physically raised from the meter pit to be read. Service meters north of the Snake River (former NSU system) are typically read once per month with a site visit to each meter to be read from a touch pad. Water serves both indoor and outdoor uses throughout the Town.

Based on service meter data, the average daily demand for the system (including south and north of Snake River) is 236,000 gpd in 2024. The maximum daily demand is estimated at 950,000 gpd (the MDD is assumed to be 4 times the ADD, as meter data is only available on a monthly or yearly basis).

There is a significant gap between the ADD and MDD from these two sources of data. It seems that the meter data represents lower usage than expected, as discussions with Town personnel indicate that the wells are running full-time during some summer days. There were also inconsistencies in the raw service meter data due to various reasons such as missing data, meter reading issues, and other items consistent with obtaining data from hundreds of meters manually. Unknown leaks in the system could also be a reason for a portion of the discrepancy between SCADA and service meter totals. Soils in a vast majority of the system area are classified as gravelly loams or sandy gravelly loams, which could drain significant leakage without surfacing.

Minimum storage tank drain rates were examined to assess potential leakage from the Alpine system. Examination of 2024 middle-of-the-night January and February (i.e. minimal in-house and

no outside water use) tank levels finds minimum drain rates of approximately 175 gpm, which equates to 252,000 gpd.

The 2009 Rendezvous report cited, “2005. No recent system wide leakage measurements have been taken; however losses in the range of 100,000 to 150,000 gpd [70 - 100 gpm] are estimated”, and stated, “The leakage study from the summer 2005 also identified a number of specific locations within the system that indicated leaks, most of which were related to service connections.”

Based on these findings, this study will assume average day and maximum day demands based on well flow rates measured by the clamp-on meter and run times per SCADA data as described above.

Per Town personnel, all meters throughout the water system will be replaced later in 2025 with radio-read capability. Master meters at the wellhouse will also be replaced and added to the SCADA system. Following collection of data through future years, a better idea of actual water demands and usage patterns should be available.



Figure 6-1 Greys River Road Area

6.2.2 Projected Water Demand

For planning purposes, this study will anticipate a planning period of 25 years, from 2025 to 2050. The Town of Alpine water system does not sell water to rural or independent water districts, systems, or industries.

The table below shows the projected water rate using rounded numbers at a growth rate of 1.0%.

Table 6.4 Estimated Current and Future Water Demand

Period	Current Demand (2025)	Estimated Future Demand (2050)
Average Daily Water Use (gallons/day)	759,000	973,000
Maximum Daily Water Use (gallons/day)	1,800,000	2,308,000

6.2.3 Regionalization Discussion

The Town of Alpine water system is in relatively close proximity to several other water systems north of the Snake River, although many of them are quite small. A number of these systems are described in Sunrise (1995) and Rendezvous (2009), and will not be further described in this report. The larger systems include the North Alpine Improvement and Service District (NAISD) which serves 201 lots (per Rendezvous, 2009), and the Reserve water system which serves 18 lots. Regionalization offers the benefits of shared operational costs and the increased reliability through source redundancy. For systems such as the Reserve, storage could be provided by the Town system for domestic use along with fire protection. NAISD has storage that provides for typical demands and fire protection, although the elevation of their storage tank compared to Town tanks is unknown.

6.2.4 Water Conservation

With the demands experienced by the Town over recent years, employing water conservation measures would help to moderate increases in water use. The following measures could be taken to accomplish this:

- Implement a summer-use rate structure that encourages conservation, also known as an increasing block rate. The current charge for all water use is $2.00 per 1,000 gallons. Adding a higher rate over a set volume (i.e. $2.50 per 1,000 gallons for 10,000 to 20,000 gallons in a given month) will encourage a reduction of water use. A rate study is currently being conducted by the Town, it is unknown if an increasing block rate will be recommended.
- Replacement of meters being conducted this summer will allow for better data collection which is needed to implement increasing block rates (most meters are currently read annually).

- Water conservation can be emphasized during summer months, letting residents know that the system is being stressed during peak weeks in July and August. This can include promoting nighttime lawn watering, limiting lawn watering days per week, use of water shut-off nozzles when washing cars, encouraging water smart landscaping, etc.

7 RECOMMENDATIONS AND COST ESTIMATES

7.1 ANALYSIS OF ALTERNATIVES

Based on the analysis presented in this study several alternatives for improvements will be investigated. The Alpine system is lacking in source capacity and/or storage capacity at this time. The transmission system is in need of improvement to connect the Megawell to the system with adequate capacity for transmission of water from this large well. The distribution system has areas with aging pipelines that likely have leak issues. Alternatives are also presented for adding additional storage to the system as dictated by future demand. A project to replace all service and mainline meters is currently underway, with completion expected later this year. Because of this, no meter replacements are included in the examined alternatives.

The proposed improvements are shown on the attached Figure L and described below.

Improvement 1 – Connection to Megawell Water System

This project would connect the existing water main at the northeast corner of The Refuge to the Megawell water system located nearby. This well could then be used to supply water to the system and therefore backfeed the system to fill the NSU and Lower Tanks. This would require a bore under US Highway 26. The initial connection to the Megawell system would be adequate for supplying water to the system using the existing well pump. The Town is already working toward this improvement by repermitting the well through SEO to accommodate this addition.

Improvement 2 – Increase Megawell Production

This project would replace the existing pump in the Megawell with a larger pump that could provide 1,200 gpm to the system. This increase in production will create bottlenecks in the 8-inch pipes between the well and key points in the system, so these locations would need to be upsized. These key points are the NSU Tank and the Snake River Bridge (to serve water across the bridge and to the south side of the river). For example, flows of 800 gpm or more would result in velocities over 5 feet/second over relatively long lengths of pipe, which would experience significant head loss. This would result in a larger pump in the Megawell to produce a given flow which could cause pressures in the vicinity of the well to be higher than desired. Constructing pipes that add loops to the system could also create alternate flow paths and may also be sufficient to relieve expected bottlenecks in some locations.

When the Megawell is upgraded to provide more water and becomes a more integral part of the overall water system, it would be beneficial to also add a backup power source to the well so that water supply is not interrupted during power outages. Based on a flow rate of 1,200 gpm, it is assumed that a pump of 100 hp will be required, which would require a roughly 100 kW backup generator. The easement around the wellhouse is somewhat restricted, so further investigations will be necessary to determine if additional easement area will be needed.

Improvement 3 – Additional 500K Gallon Storage Tank

This improvement would construct a new storage tank to better meet demands during the summer months, as the system is currently at capacity during maximum demand days. Most of the system demand is located south of the Snake River in the lower pressure zone, so the new storage could be located next to the existing 500K tank at the same elevation. This would be located on USFS lands and would require adding the facility to the current special use permit. Assuming that some improvements to well production are made, this study recommends a new tank size of 500,000 gallons.

Improvement 4 – Alpine Wellhouse Improvements

This improvement would include a number of upgrades at the wellhouse serving Alpine Well Nos. 1, 2, and 3. These upgrades would include the following:

- Continue with the project currently underway to replace the pump in Well No. 3. This is expected to significantly increase production.
- Repair or replace electrical equipment so that all three well pumps can be operated simultaneously without fear of tripping a breaker or other part. This would allow all three well pumps to be operated at 60 Hz and full 3450 rpm.
- Water level measurement equipment would be added to all wells, which at this time would include Alpine Well Nos. 1, 2, and 3, and the Megawell (Flying Saddle wells not included a with this alternative). In conjunction with this, the wells could utilize their VFD drives to modulate flow if needed in response to large seasonal changes in aquifer levels. Data obtained from the level measurement equipment would help determine if wells are being used to their capacity or if installing larger pumps would be feasible. This data would also help determine if improvements could be made to reduce air entrainment in Well No. 2.
- As recommended in the 2024 EPA Sanitary Survey, a backup pump or replacement pump parts would be purchased in case of breakdown of the sole chlorination injection pump.

Improvement 5 – Leak Detection & Repairs

This option would conduct leak detection operations in areas deemed susceptible to unknown leakage. Many of the older portions of Alpine still have older pipes that are past their design life. Other newer areas could be sampled to see if there are any apparent issues. It is anticipated that commercial acoustic leak detection services would be utilized for this work. Use of meters in various locations to observe losses would be difficult due to the interconnected network of pipelines across Town.

With the project currently underway to replace all mainline and service meters in the system, data provided by those new meters will provide a better understanding of how much water is being lost. Water produced to the system will be known from the mainline meters, and can be compared to the water being delivered to end users through the service meters.

Improvement 6 – Flying Saddle Wellhouse Improvements

This project includes necessary repairs and rehabilitation to bring the Flying Saddle Wells (or at least the north well) into compliance and full production. Repairs would be completed on the chlorine contact chamber that has been previously broken per the Public Works Director. Since the Flying Saddle Resort is now connected to the Town sewer system, concerns regarding contamination from domestic wastewater have been removed, and the broken chlorine contact chamber could be bypassed.

The wells would be rehabilitated to increase production rates. As an alternative to rehabilitation, a new well could be drilled and constructed in the same vicinity as to take advantage of the productive location.

Improvement 7 – Upgrade Pipe to Lower Tank

This project will upgrade approximately 800 feet of existing 8-inch PVC pipe from the valve cluster adjacent to Greys River Road up to the Lower (500K) Tank. With all three wells running under current conditions, a flow rate of over 1,200 gpm is delivered to the system and Lower Tank, which could result in velocities of approximately 7.5 feet/second (or more if improvements to the Alpine wells increase their production). Reduction in head loss through this section will allow for more flow for a given pump.

Improvement 8 – Upgrade SCADA

This option will upgrade the current Mission Communications SCADA system. The SCADA would be added to the NSU Tank to provide water level data similar to the other storage tanks. Connection to the water meter at the Megawell wellhouse would also be completed to provide flow data (not just run-time data as presently configured). It is assumed that the SCADA system will be connected to the new mainline meters as part of the current project scheduled for summer of 2025.

Improvement 9 – Maintenance at NSU Tank

This project would check the cathodic protection system and seals at the NSU tank and upgrade as necessary. Per the manufacturer, cathodic bars installed at the base of the tank should be inspected and tested every year, and are normally replaced every 7 years. Reseal of interior seams should be completed every 10 to 15 years. Evidence of damage due to ice may require additional rehabilitation and adjustments to winter operations. Addition of water level monitoring is included in Alternative 8 above.

Improvement 10 – Water Rights

As discussed in Section 5.7.4 of this report, a number of items are needed to correct the water rights. This includes:

1. The required water right reporting should be brought up to date and routine reporting should be established going forward.
2. A program should be instituted to measure and report the required water-level data. The addition of water-level measurement equipment as discussed in Improvement 4 above will enable this. Water level readings could also be added to the SCADA system discussed in Improvement 8 above. Both static and pumping water levels should be recorded.

3. Alpine should request enlargement of the system-wide cap on groundwater production to allow for current and future use. (This process has been initiated with the re-permitting of the Megawell.)
4. Re-permit the Megawell and Flying Saddle wells with "municipal" use, to correct from the present "miscellaneous" use. (This process has been initiated with the re-permitting of the Megawell.)
5. Ownership of all wells should be updated to the Town of Alpine.
6. Enlarge Megawell to proposed flowrate and area of use (this should be completed in conjunction with Improvement 2 above).
7. Request modification to permits to allow a single meter to monitor Well Nos. 1, 2, and 3 to match the current meter configuration.

Improvement 11 – Future Meter Data Analysis

As mentioned previously, the Town will be replacing all mainline and service meters in the system during 2025. This will provide data on a daily basis for both system production and demands at all services. Analysis of this data after at least one year will provide a much clearer picture of water use in the system for average day, maximum day, maximum hour, and annual use, and would allow for adjustments to findings and recommendations of this report.

7.2 PROBABLE COSTS

An Engineers Opinion of Probable Cost was prepared for the first four improvements which are included in Appendix H. Costs for Improvement 5 are highly dependent on the findings of the leak detection survey and could vary greatly, so probable costs were not determined. Costs for Improvement 6 depend on whether the well is rehabilitated or replaced with a new well. The estimated project costs are summarized below.

Table 7.1 – Estimated Project Costs

Improvement 1	Connection to Megawell Water System	$405,000
Improvement 2	Increase Megawell Production	$1,830,000
Improvement 3	Additional 500K Gallon Storage Tank	$1,610,000
Improvement 4	Alpine Wellhouse Improvements	$255,000
Improvement 7	Upgrade Pipe to Lower Tank	$245,000

7.3 SYSTEM MANAGEMENT AND OPERATION RECOMMENDATIONS

Recommendations related to management and operation of the water system are as follows:

- It is recommended that the water systems follow a schedule for system maintenance that includes system flushing, valve exercising, hydrant testing and other routine maintenance items. A list of suggested daily, weekly, monthly, and annual checklist items is included as follows in Table 7.2:

Table 7.2 – Maintenance Procedures and Frequency

Component	Action	Frequency
Concrete Tanks	Operator Inspection. Professional inspection/cleaning.	Yearly 3-5 years
Glass-Fused-to-Steel Tanks	Operator Inspection. Check cathodic protection system and seals. Professional inspection/cleaning. Replace cathodic protection system. Reseal interior seams.	Yearly 3-5 years 5-10 years 10-15 years
Spring Sources	Inspect/repair fencing. Inspect screens on overflows. Remove large vegetation above and around collection area. Ensure cutoff ditch is clean and functional. Inspect spring boxes and lids.	Yearly
Well House	Inspect and clean if necessary, maintain, valves, meters, gages, and electronic controls in accordance with manufacturers recommendations.	Yearly
Mainline Meter	Check operation, check for noise. Check mounting and alignment.	Monthly Yearly
Service Meter	Visually inspect. Replace.	Yearly 15-20 years
Distribution System Valves	Locate, inspect, and exercise. Check valve box alignment and remove any debris.	Yearly
Fire Hydrants	Operate, check for proper draining, exercise isolation valve, check nozzle threads and caps, inspect operating nuts for roundness, check for leaks.	Yearly
Dead Ends	Flush, flow velocity in pipe greater than 2.5 feet/second.	Variable

8 WATER SYSTEM FINANCING

8.1 WATER FEES

The Town of Alpine water system serves connections inside and outside of Town boundaries. Rates for connections within the Town are set by the Town Council. Rates for the Alpine Utility District are also set by the Council, but must be approved by the Wyoming Public Service Commission through their extensive process. Current water rates are shown in Table 8.1, and connection fees are shown in Table 8.2.

In April 2025, the Town Council passed an ordinance to prohibit additional water connections outside of Town boundaries. Nearly all of the areas originally serviced by the NSU system have been annexed into the Town; essentially the only served area outside of Town boundaries is The Refuge development at the Alpine Airpark, of which roughly 2/3 of the lots have been developed.

Table 8.1 Town of Alpine Water Rates

Location	Base Rate	Volume Charge (per 1,000 gal)
Town of Alpine	$31	$2.00
Alpine Utility District	$30	$2.75

Current rates are close to Wyoming statewide averages per the 2022 Public Water System Survey Report produced by the Wyoming Water Development Commission. The average monthly water bill for Alpine is approximately $65. For a monthly use of 5,000 gallons, the bill would amount to $41; for 10,000 gallons would be $51; and for 20,000 gallons would be $71. Per Section 6.2.4 of this report, use of increasing block rate billing could provide more revenue while promoting water conservation.

Table 8.2 Town of Alpine Water Connection Fees

Location	Size	Fee
Town of Alpine	¾" (Residential)	$3,500
Town of Alpine	1"	$5,000
Town of Alpine	1 ½"	$6,500
Town of Alpine	2"	$10,000
Alpine Utility District	¾" (Residential)	$3,000
Alpine Utility District	1" – 2"	$11,800
Alpine Utility District	3" – 4"	$19,800

8.2 INCOME AND EXPENSES

Financial data covering a 6-year period were received from the Town of Alpine, which included totals from 2019 through 2024. The water fund expenses and income are summarized below in Table 8.3.

Table 8.3 – Alpine Water Revenue and Expenses

	Actual					Budget
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2025
System Expenses	$400,192	$437,669	$498,599	$491,690	$457,709	$501,000
General Expenses	$40,433	$83,952	$112,146	$88,170	$66,625	$88,200
Capital Project	$0	$0	$0	$137,942	$64,638	$1,255,000
Debt Payments	$7,054	$6,411	$5,804	$28,398	$23,430	$34,000
Total Expenses	$447,679	$528,032	$616,549	$746,200	$612,402	$1,878,200
Income	$447,778	$528,567	$617,786	$602,856	$650,316	$1,878,500

The water fund has cash in a combined fund of approximately $1.17 million. The water fund currently has three loans: Drinking Water SRF loan (apparently a match to SLIB grant) with annual payment of about $6,550, to be paid off in 2031; Drinking Water SRF loan (for well rehabilitation work) with annual payment of about $7,400, to be paid off in 2031; and a local loan (may have paid off a previous federal loan) with annual payment of nearly $14,450, to be paid off in 2026.

Financial Capacity Development Sheets in Appendix I provide more detail on the Alpine water fund financial status and include a 5-year projection of revenue, operation expenses, debt payments, and reserves.

The following is a summary of the Town's water system income and expenses:

- The water fund is self-supporting. Over the last five years income has exceeded expenses except for one year in which capital expenses occurred.
- Expenses have increased over the last five years, and income has also increased.
- The water fund has reserve accounts for emergencies and future capital projects. It appears that the account balances have been relatively stable.
- Existing debt payments are manageable and will be paid off in the next six years.

The Town has expressed a desire to raise connection fees in the near future to cover demands to a growing system and to ensure payment for connection materials.

8.3 PROJECT FUNDING SCENARIOS

This study will review two funding scenarios for the Alternatives and Phases identified in Section 7. The scenarios are:

1. No State or Federal Funding Assistance.
2. WWDC funding for 50% grant 50% loan for eligible costs. All other costs by loan from other sources.
3. WWDC funding for 50% grant eligible costs. All other costs from one of the following:
    a. Wyoming Drinking Water State Revolving Fund Program (DWSRF)
    b. USDA Rural Utilities Series (RUS)

8.4 FUNDING PROGRAM OUTLINES

8.4.1 Wyoming Water Development Commission

The WWDC will historically provide up to a 67% grant for qualifying project components related to supply, storage and transmission. In recent years, WWDC current policy has been providing up to 50% grant due to grant requests exceeding the funds available. The matching funds can come from other State or Federal programs such as SLIB, USDA, or NRCS. Districts are encouraged to demonstrate need for the project by raising assessments to be at or near the maximum that the users can bear. Larger projects can be phased to reduce the strain on the WWDC biennial appropriations and improve chances of being funded.

Funding applications for Level I and Level II projects (studies) are due each year by March 1 and Level III (construction) applications are due on September 1.

8.4.2 Office of State Lands and Investments

The State Loan and Investments Board (SLIB) provides a variety of loans and Mineral Royalty Grants in connection with water resources. The grants are primarily used to comply with Federal or State mandates, provide essential public service, or alleviate emergency situations that threaten public health, safety or welfare. The interest rate on these loans is between 3% and 6% with terms up to 25 years.

8.4.3 Wyoming Drinking Water State Revolving Fund

This program offers loans up to 30 years at interest rates of 1.5% plus a 0.5% origination fee. Drinking water related projects including distribution and transmission lines and storage tanks for municipalities are eligible facilities for DWSRF funding. The project must be added to the Intended Use Plan prior to the loan application, which is updated every February. The loan application should be made 6-12 months prior to planned bidding of the project. SRF loans do not require any matching funds and can even serve as matching funds for various grant programs such as Mineral Royalty Grants and the Wyoming Water Development Commission. Reduced interest rates are

available for some specific projects, including 0% interest for applicants that will consolidate a smaller system into an already existing system.

Principal forgiveness is available if: 1) funds are available, and 2) the community meets median household income guidelines, population, and unemployment requirements. It is unknown if Alpine would qualify for principal forgiveness (i.e. grant) for SRF projects if principal forgiveness funds are available. Most water entities in the Star Valley area qualify for 25% or 50% principal forgiveness on most projects. If principal forgiveness funds are not available, communities that would have qualified can obtain a decreased interest rate.

Loan applicants must show that they can repay the loan, must demonstrate capacity development, and must adhere to federal environmental, social, and economic cross-cutting requirements and state procurement requirements. The project must be listed on the current year's DWSRF Intended Use Plan (IUP).

All SRF loans must go through the State Environmental Review Process (SERP). The process is similar to a NEPA process and identifies issues and concerns to be addressed during project planning and design.

Some planning, feasibility and environmental costs can be reimbursed even if incurred prior to loan approval. Construction costs are eligible only after the completion of the environmental review.

Several other procedures during the advertising and bidding phase must be followed. Consult the current web-based guidelines for current guidance:

https://lands.wyo.gov/grants-loans/srf-programs/drinking-water-state-revolving-funds.

8.4.4 USDA Rural Utility Service

This Federal program, as administered in Wyoming, provides funding for several utility types including drinking water systems. Governmental entities serving rural areas and towns with populations of 10,000 or less are eligible to apply for long term low interest loans. The Town of Alpine would only be eligible for market rates at this time, which is 4.25% as of May 2025.

USDA applications can be submitted any time, however a Preliminary Engineering Report (PER) must be submitted and approved along with an Environmental Report (ER). If the system has a WWDC study, it will typically work as the PER with some additions and modifications. However, WWDC projects do not contain the environmental data needed to develop the PER. Preparation and approval of a PER and ER take about six months to complete with a cost of about $10,000 each, if a WWDC study has already been completed. Grants are available based on poverty rating of the community and ability to pay.

The RUS funds may be used for items that other funding sources sometimes cannot fund. These include Legal, Engineering, Land Acquisition, Rights of Way, Permits and Equipment. Also, interest during construction and other costs deemed necessary for completion of the project are eligible for RUS funding.

8.4.5 Abandoned Mine Lands

The AML program helps lands and waters needing reclamation caused by mining and processing prior to August 3, 1997. Lands and waters left in an un-reclaimed or inadequate state of reclamation for which there is no continuing reclamation responsibility. Protection of public health, safety and general welfare from extreme danger and adverse effects and processing practices are considered in ranking projects.

Eligible public facilities and utilities include:

1) Existing public utilities servicing the public and adversely affected by mining and processing practices which occurred prior to August 3, 1977.
2) The construction of new public facilities or utilities in communities impacted by mining and processing practices.

Eligible communities include incorporated cities and joint powers boards which have relied on the mining industries for a significant portion of their economic base prior to, and since, August 3, 1977, or for this same time period can demonstrate significant impact on their tax revenues and services as a result of these industries.

It is not anticipated that the Town of Alpine would qualify for AML funding.

8.4.6 Wyoming Business Council

The Wyoming Business Council (WBC) offers a variety of programs to help communities build infrastructure needed for economic development so Wyoming towns, cities and counties may become "business ready." The program provides grants of up to 90%. Applications are taken throughout the year with final approval of grants being made by the State Loan and Investment Board. Applications should be submitted at least 90 days in advance. The grant application is very comprehensive and requires demonstration of economic benefit of the project. Usually a grant writer is used to prepare the grant application.

8.5 PROJECT FUNDING ANALYSIS

Based on the Alternatives and costs developed in Section 8.0, and the funding scenarios as outlined at the beginning of this section, multiple funding scenarios were prepared. These funding scenarios determine the effects on user rates and fees required to support the project. The following financing terms and rates are based on current program criteria at the date of this report. The funding scenarios for each Improvement are provided in Table 8.4.

Table 8.4 – Funding Scenarios

Funding Scenario	Total Project Cost	WWDC Grant	DWSRF Loan @ 1.5% - 20 yr	RUS Loan @ 4.25% - 30 yr	DWSRF w/ 50% P.F.	Other 5% - 20 yr	Annual Loan Payments	Required Increase to User Rates*
Improvement 1: Connection to Megawell Water System								
No Assistance-Self Funded	$ 405,000					405,000	$32,498	6.28%
WWDC 50% Grant, DWSRF Loan		202,500	202,500	-			$11,795	2.28%
WWDC 50% Grant, RUS Loan		202,500	-	202,500			$12,069	2.33%
WWDC 50% Grant, DWSRF Loan PF		202,500			101,250		$5,897	1.14%
Improvement 2: Increase Megawell Production								
No Assistance-Self Funded	$1,830,000					1,830,000	$146,844	28.40%
WWDC 50% Grant, DWSRF Loan		915,000	915,000	-			$53,295	10.31%
WWDC 50% Grant, RUS Loan		915,000	-	915,000			$54,532	10.54%
WWDC 50% Grant, DWSRF Loan PF		915,000			457,500		$26,647	5.15%
Improvement 3: Additional 500K Gallon Storage Tank								
No Assistance-Self Funded	$1,610,000					1,610,000	$129,191	24.98%
WWDC 50% Grant, DWSRF Loan		805,000	805,000	-			$46,888	9.07%
WWDC 50% Grant, RUS Loan		805,000	-	805,000			$47,977	9.28%
WWDC 50% Grant, DWSRF Loan PF		805,000			402,500		$23,444	4.53%
Improvement 4: Alpine Wellhouse Improvements								
No Assistance-Self Funded	$255,000					255,000	$20,462	3.96%
WWDC 50% Grant, DWSRF Loan		127,500	127,500	-			$7,426	1.44%
WWDC 50% Grant, RUS Loan		127,500	-	127,500			$7,599	1.47%
WWDC 50% Grant, DWSRF Loan PF		127,500			63,750		$3,713	0.72%
Improvement 7: Upgrade Pipe to Lower Tank								
No Assistance-Self Funded	$245,000					245,000	$19,659	3.80%
WWDC 50% Grant, DWSRF Loan		122,500	122,500	-			$7,135	1.38%
WWDC 50% Grant, RUS Loan		122,500	-	122,500			$7,301	1.41%
WWDC 50% Grant, DWSRF Loan PF		122,500			61,250		$3,568	0.69%

** based 663 connections at $65 per month*

9 CONCLUSIONS

Maintenance

The Town of Alpine water system is in good condition. The main system was constructed in the 1970's to 1990's and has seen a number of pipeline replacements over the last 30 years. Some of the existing components currently need repair and replacement. The Town should plan and budget to continue with pipeline replacements, repairs at the wells and wellhouses, and replace cathodic protection and seals at the NSU Tank.

Source

The water sources are in good condition with good water quality but are operating under full capacity. The current system configuration is utilizing the three Alpine wells on the south side of the Snake River to serve users on both sides. The Flying Saddle wells are currently not operational. The Megawell currently only serves a limited area. While there is some redundancy in source for the system, improvements could strengthen the source situation.

Storage

The Alpine water system has nearly 1.3 million gallons of storage serving two pressure zones and on both sides of the Snake River. Based on analysis in this study, additional storage would help operations during maximum day demands in the summer, particularly south of the Snake River in the lower pressure zone where the majority of the demand is seen.

Transmission

The Alpine system has transmission lines from the wellhouse to the storage tanks that are currently 8-inch diameter, which is smaller than ideal under current conditions and will present a larger bottleneck as the wells are brought to full capacity. Transmission lines extending from the wellhouse and tanks into the center of Town are acceptable as there is a network of pipelines allowing for multiple flow paths. Fire flow capacity is acceptable throughout the service area assuming typical residential use fire flow requirements.

Transmission lines north of the Snake River are acceptable under current conditions. When the Megawell is added to the system and the pump enlarged to produce 1,200 gpm, there will be bottlenecks in the piping between the well and the storage tank. Fire flow capacity is acceptable throughout the service area assuming typical residential use fire flow requirements.

Water Losses

Water loss in the Alpine system is suspected due to water at the service meters accounting for much less than the calculated water that is being produced by the wells and delivered to the tanks. Soils in the service area are very rocky and coarse, which would allow significant leaks to continue undetected from the surface. It is unknown where water may be leaking and lost, and further investigation is needed to determine locations of leaks.

Finances

Water rates, income and expenses of the Alpine system were reviewed as part of this report. The Town's water income is greater than the expenses and the system actively maintains and builds a reserve. The system has two

Drinking Water SRF loans that will be paid off in 2031 and a local loan that will be paid off in 2026. The additional available budget should be used for making needed repairs to some of the aging infrastructure in the system.

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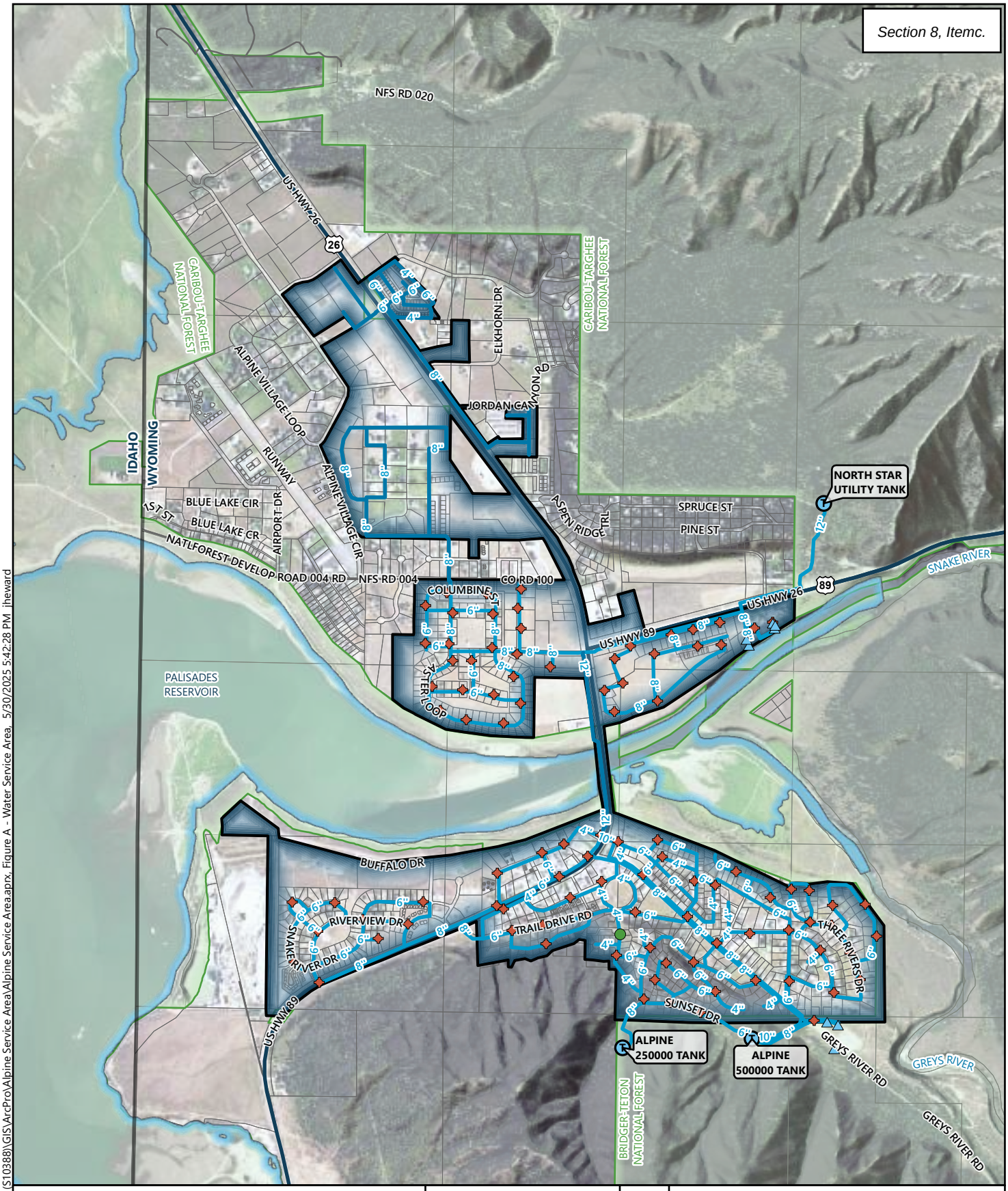
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LARGE FIGURES & TABLES



Legend

- Approximate Water Service Boundary
- Water Main (Approximate Location)
- Tank
- Well
- PRV
- Fire Hydrant
- Forest Service

0 500 1,000 2,000

Feet

SCALE: 1" = 2,000'

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FIGURE A

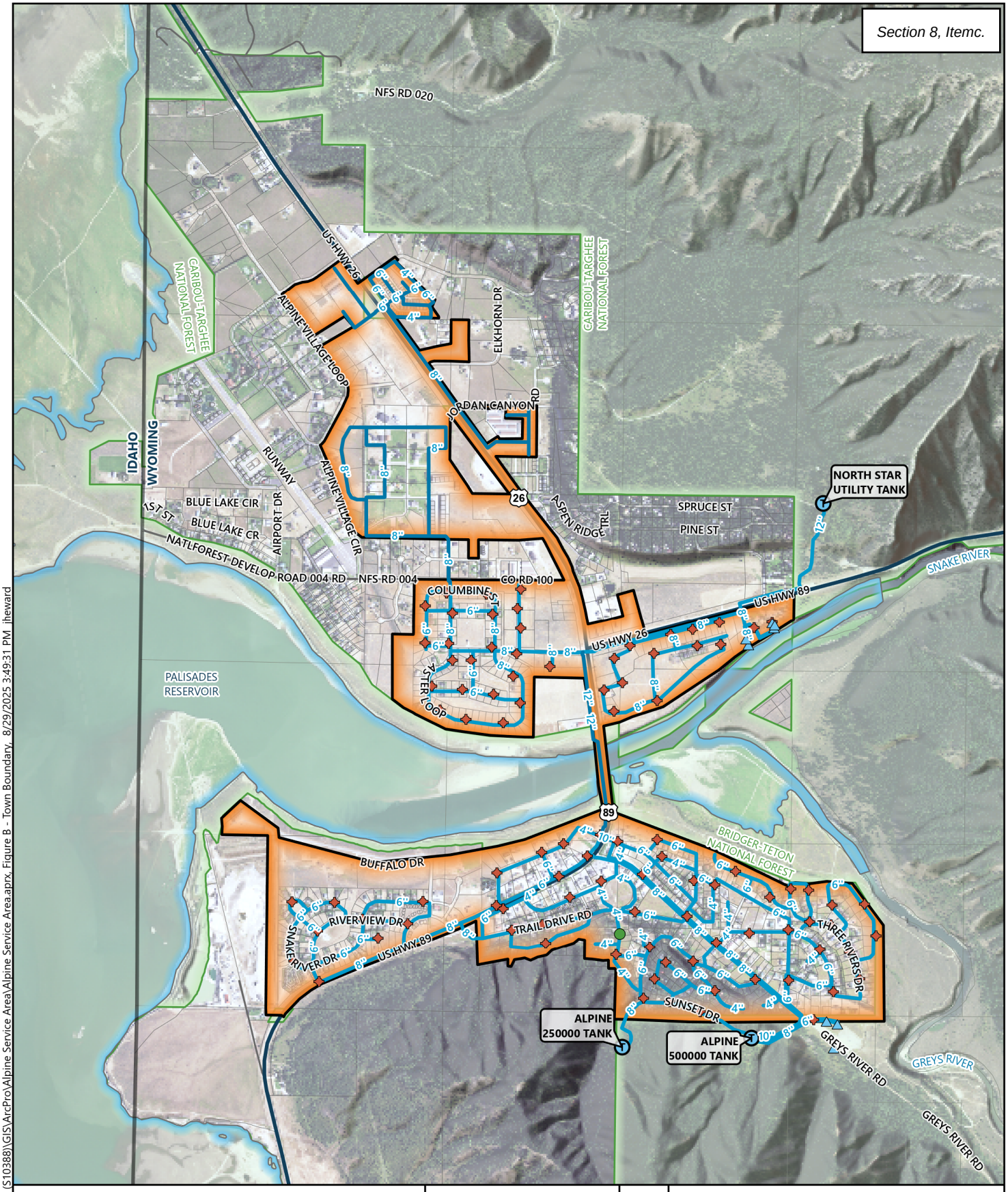
WATER SERVICE AREA

ALPINE, WYOMING

SUNRISE ENGINEERING

770 S WASHINGTON STREET SUITE A
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www.sunrise-eng.com

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Legend

- Approximate Town Boundary
- Water Main (Approximate Location)
- Tank
- Well
- PRV
- Fire Hydrant
- Forest Service

0 500 1,000 2,000

Feet

SCALE: 1" = 2,000'

North

FIGURE B

ALPINE WATER SYSTEM

ALPINE, WYOMING

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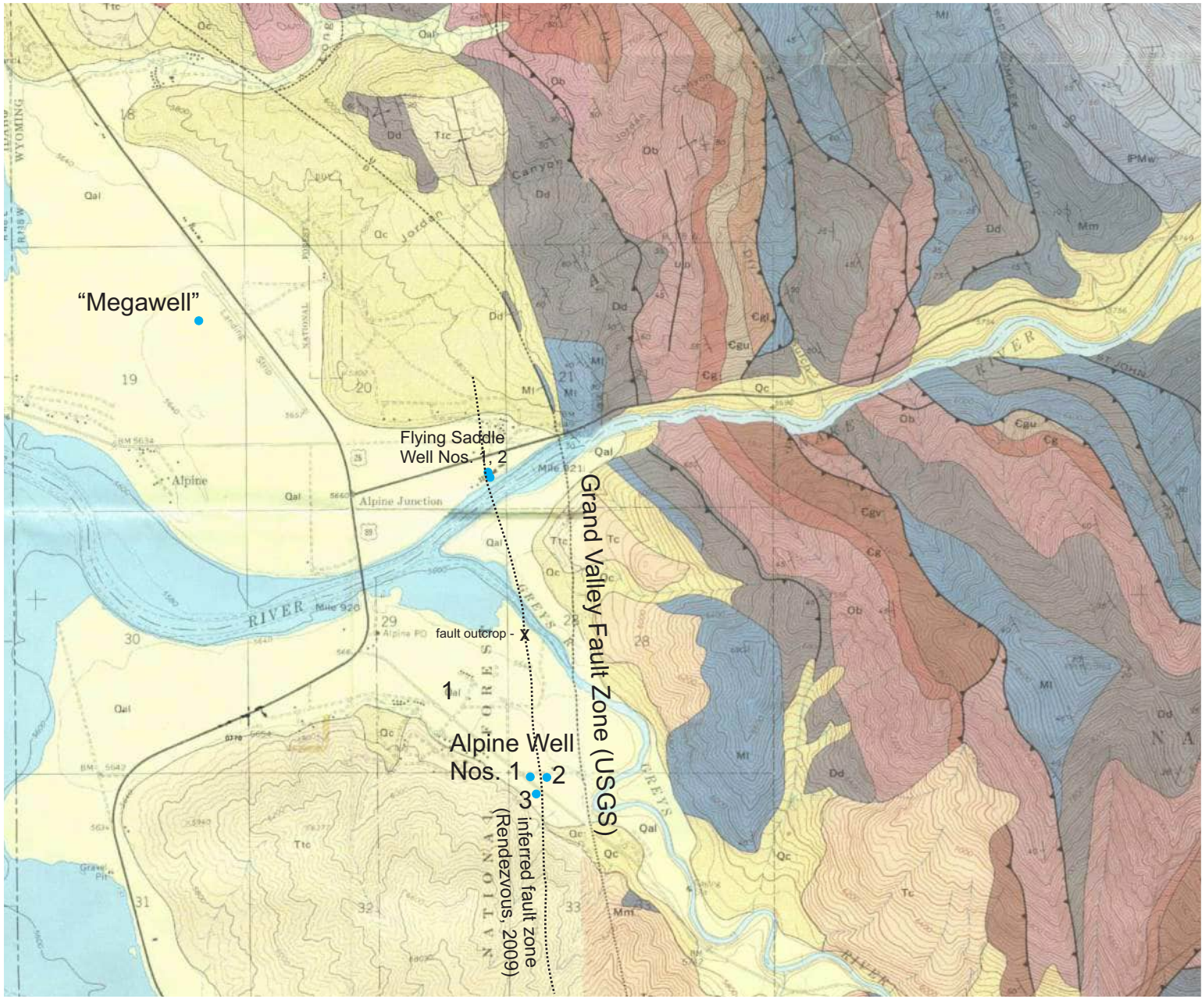
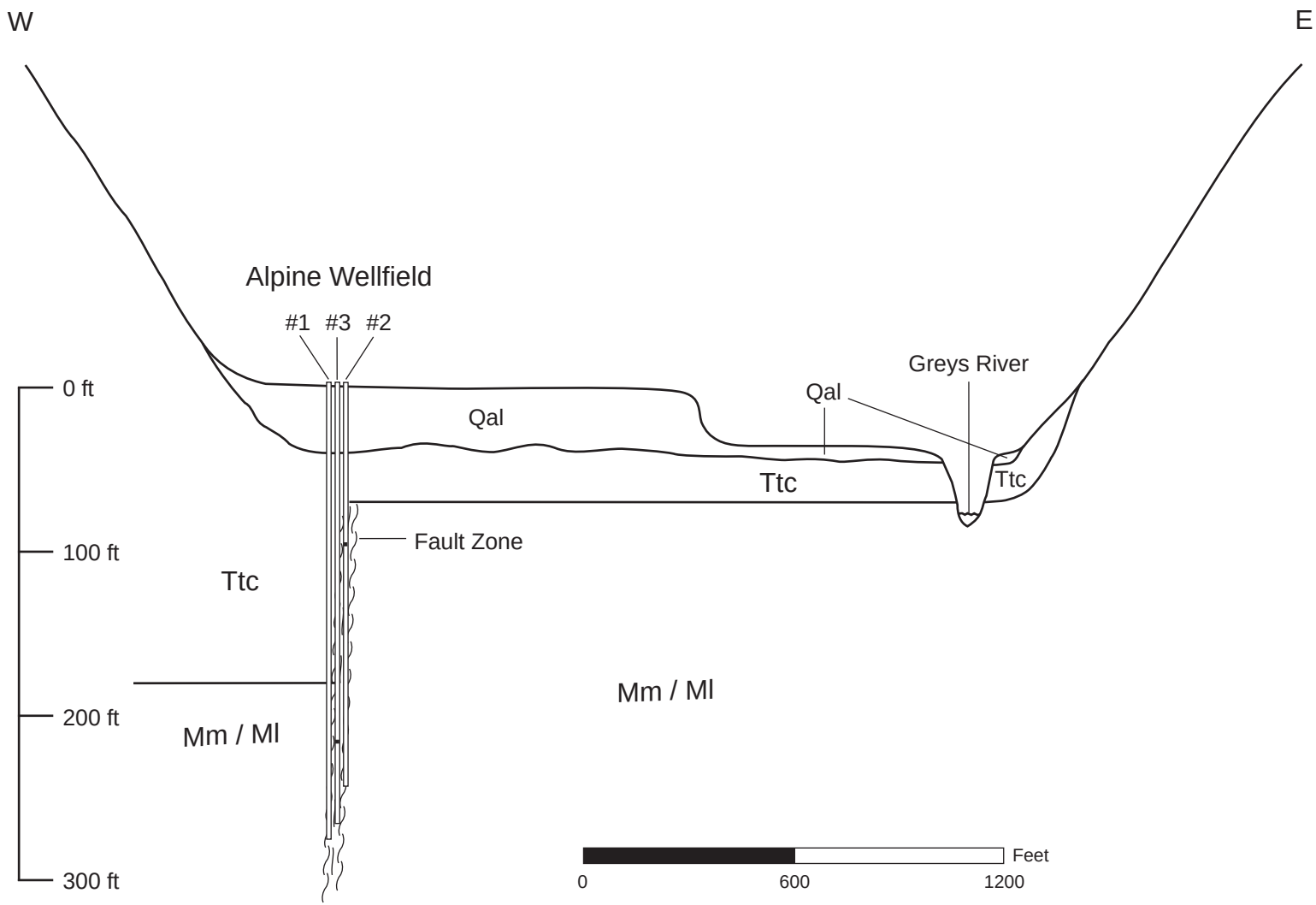


Figure C - Alpine Area Geology

geology: U.S. Geological Survey (Albee and Collins, 1975; Jobin, 1972)

Figure D - Alpine Wellfield Schematic Cross-Section



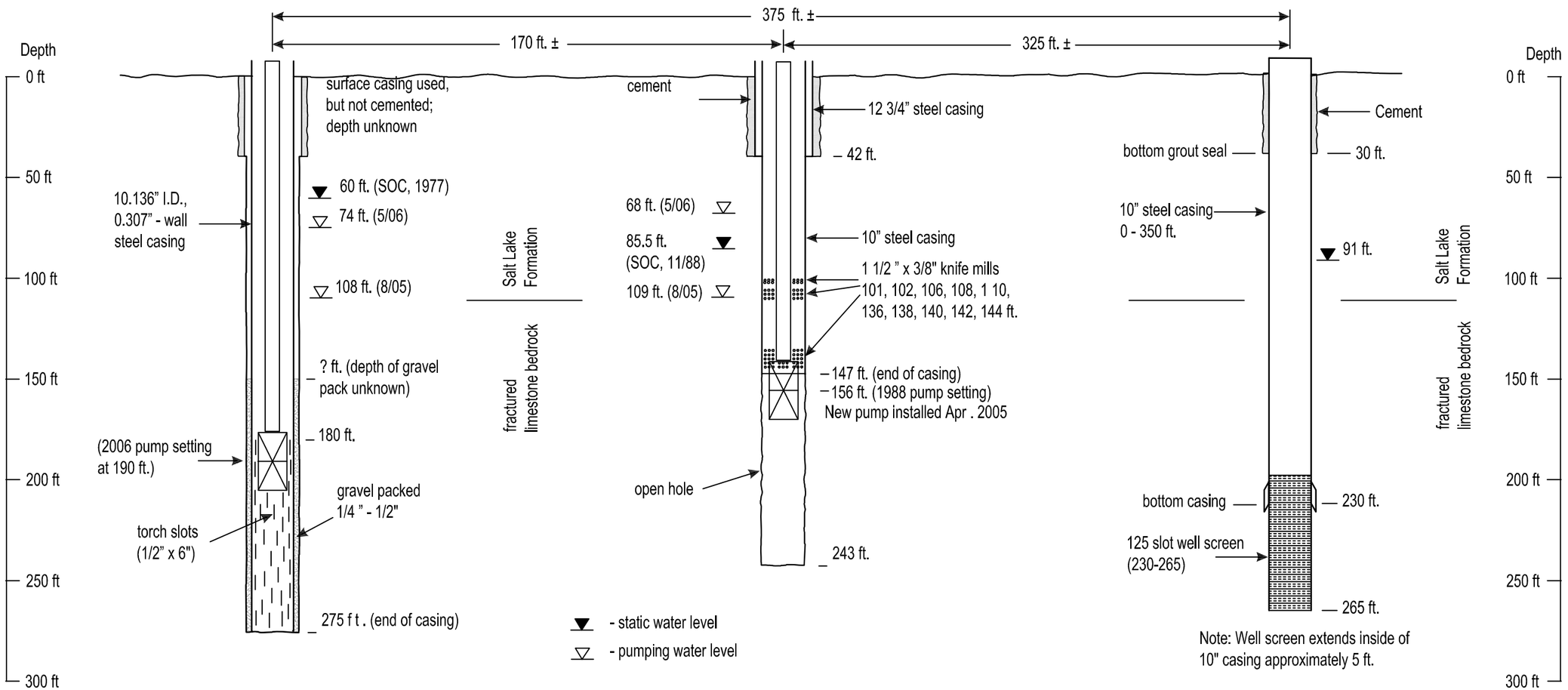


Figure E - Well Nos. 1, 2, and 3 Construction

NO SCALE

Prepared By: JKC
Date: 10/21/08
Rev. Date:

RENDEZVOUS ENGINEERING, P.C.
P.O. BOX 4858 JACKSON, WYOMING 83001
25 SOUTH GROS VENTRE STREET
PHONE - 307.733.5252 FAX - 307.733.2334

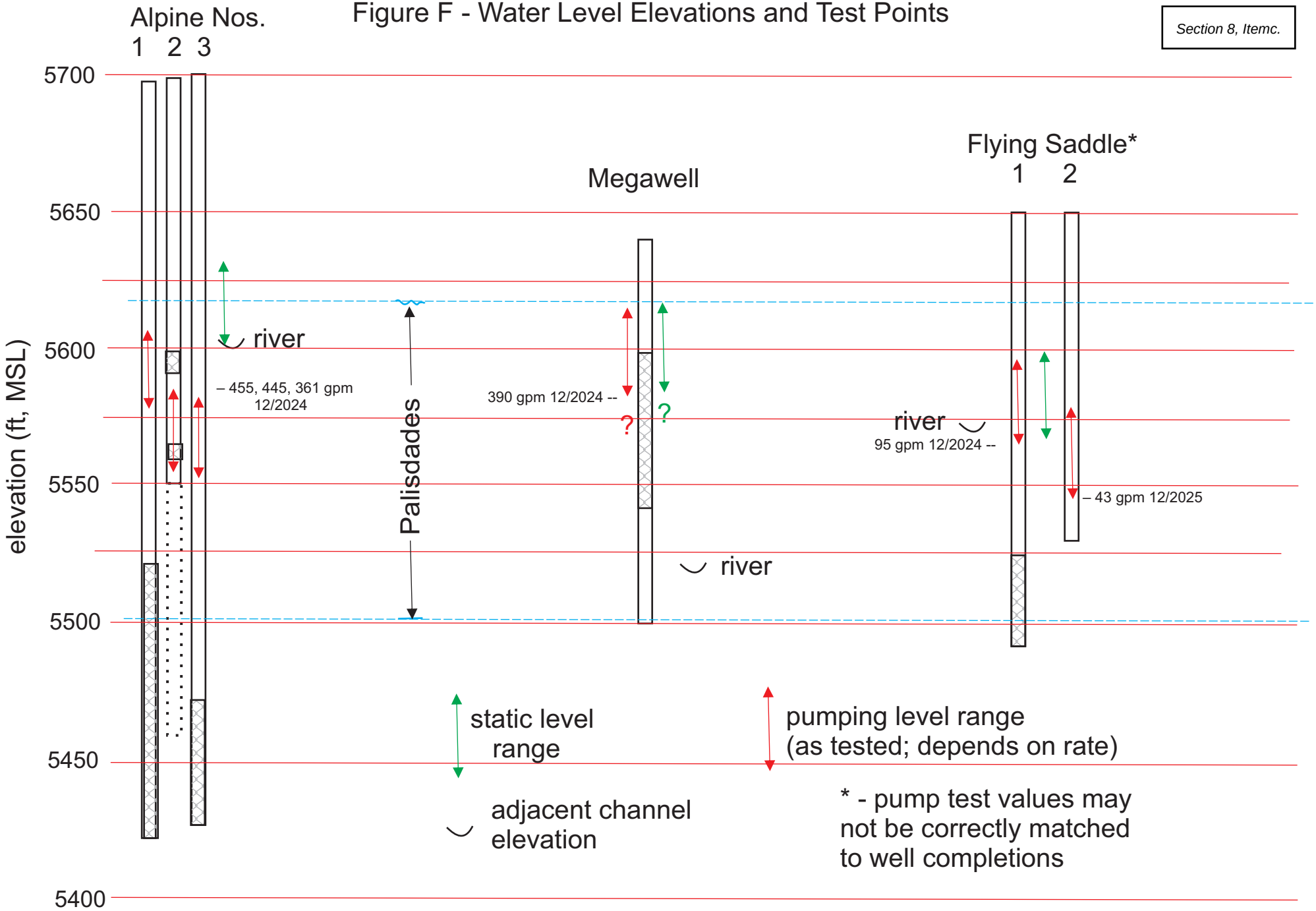
DRAWING TITLE: WELL DETAILS WELLS #1, #2 AND #3

PROJECT TITLE: WWDC ALPINE FIGURE 9

PROJECT NUMBER: 05-024

DRAWING FIG

Figure F - Water Level Elevations and Test Points



Model 7THC 700 GPM

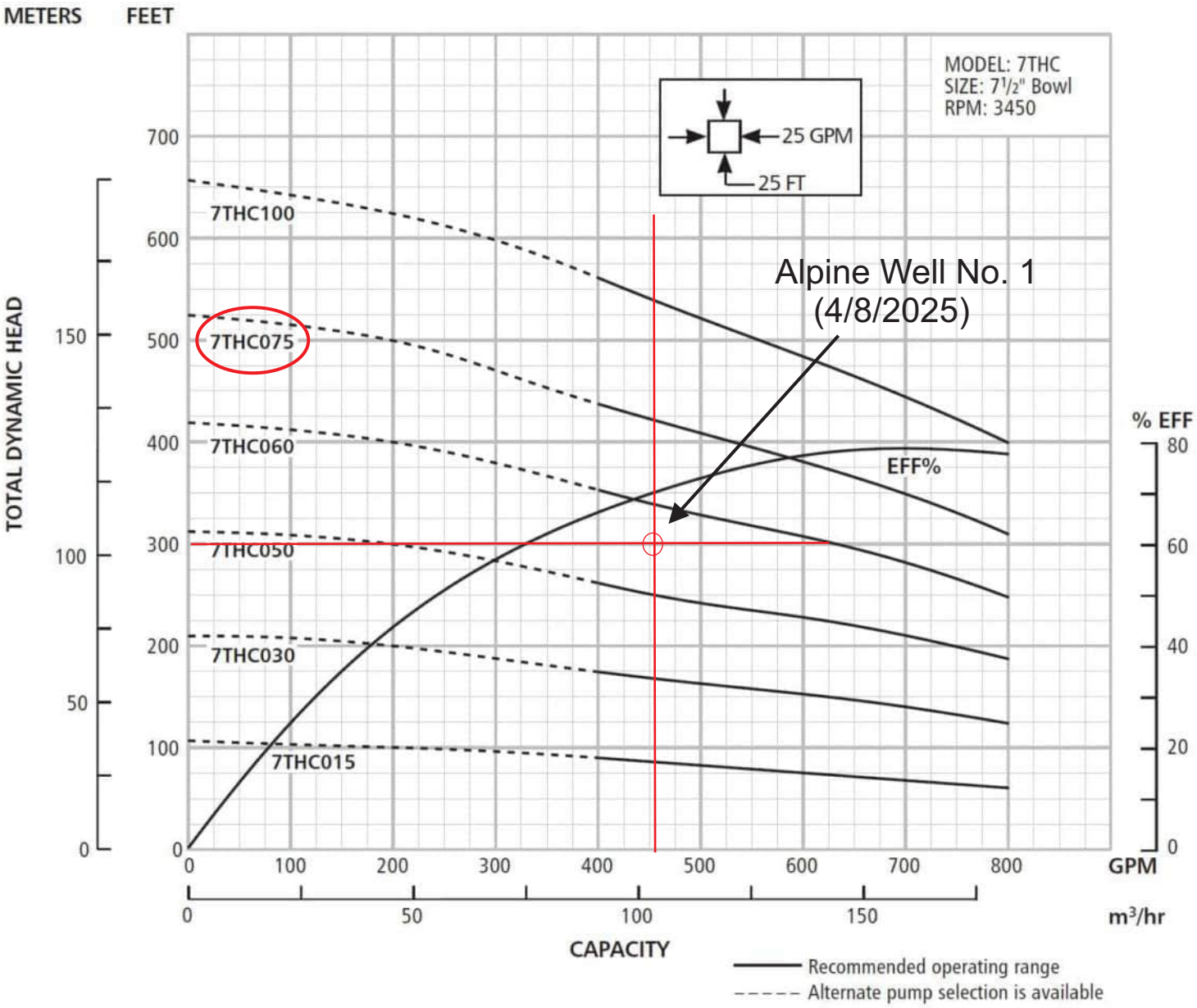
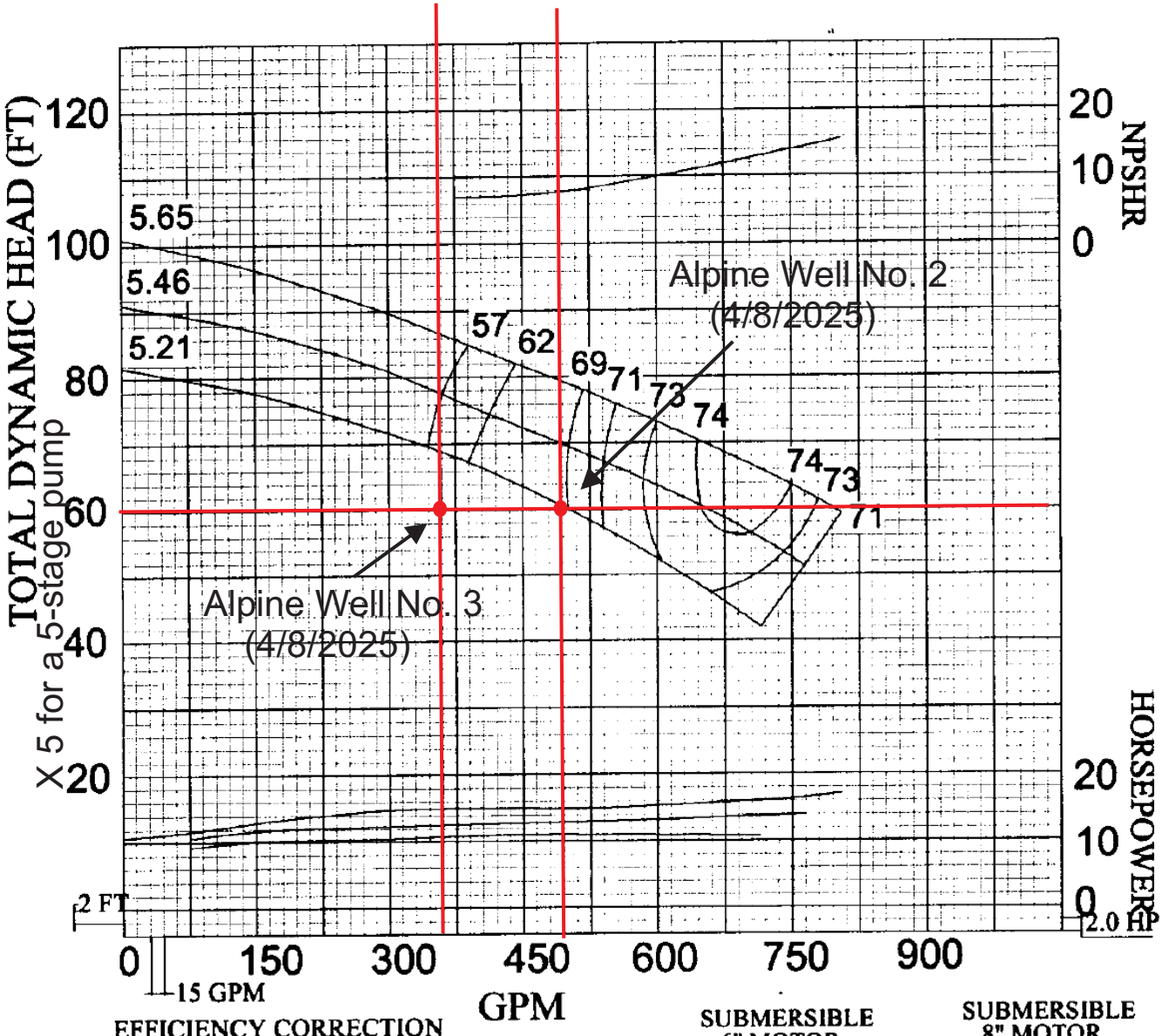


Figure G - Alpine Well No. 1 Pump Performance

DATE: 08-01-03
SUPERCEDES:
01-01-01

ROBBCO PUMPS
12610 N FM 400
IDALOU, TX 79329

7THE
3450 RPM
ENCLOSED IMPELLER



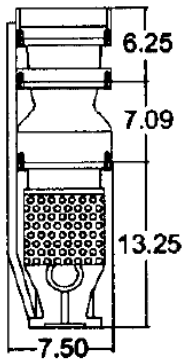
EFFICIENCY CORRECTION

STAGES 1	-3.0
STAGES 2	-2.0
STAGES 3	-1.0
STAGES 4	0.0
STAGES 5	0.0

BOWL DATA

DISC DIA (IN)	4,5.6
SUCT DIA (IN)	4
SHAFT DIA (IN)	1.19
LATERAL (IN)	0.38
ONE STG WT (LB)	50
ADD'L STG WT (LB)	28
THRUST FACTOR (LB/FT)	4.56
PSI MAX	310

SUBMERSIBLE 6" MOTOR



SUBMERSIBLE 8" MOTOR

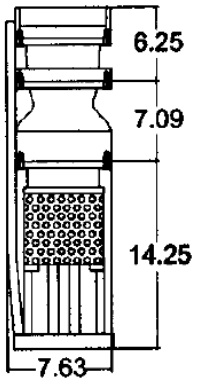


Figure H - Alpine Well Nos. 2 & 3 Pump Performance

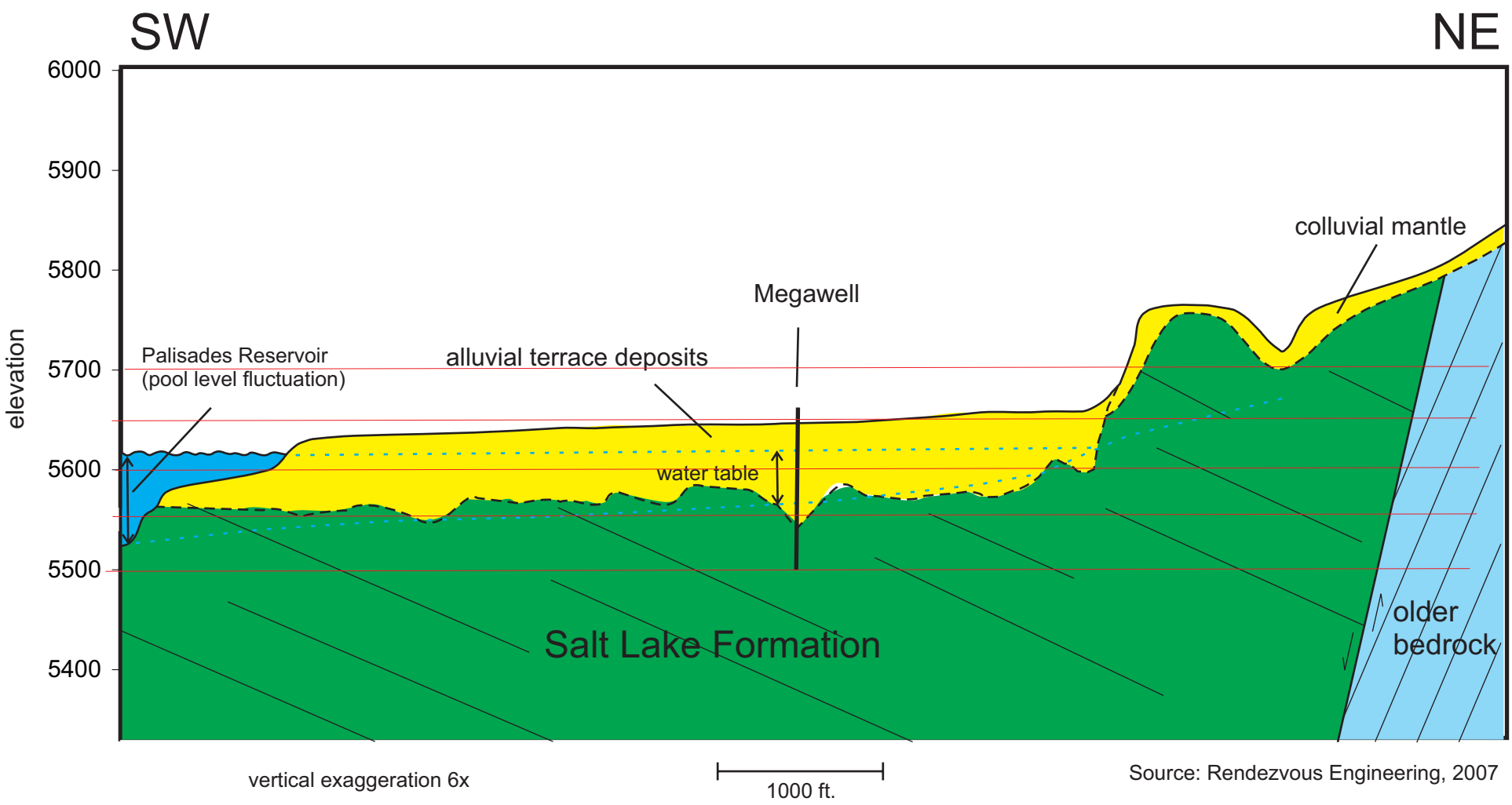
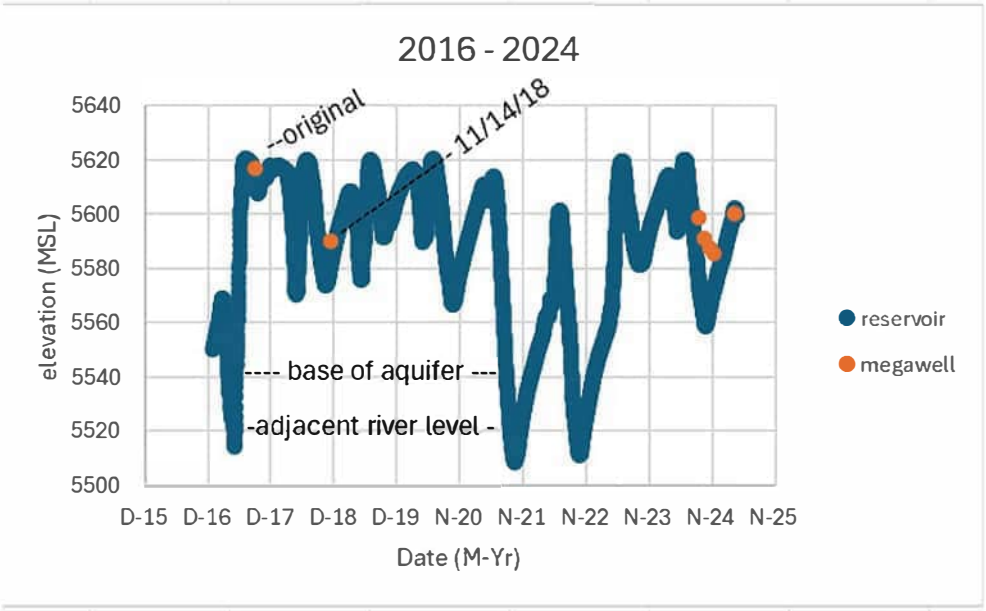
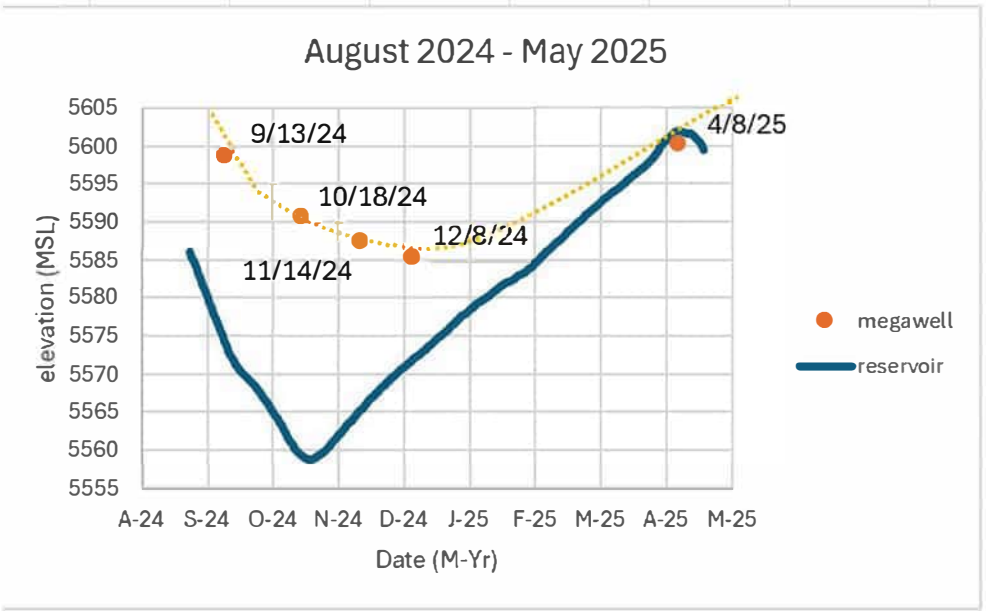


Figure I -"Megawell" Schematic Geologic Cross-Section





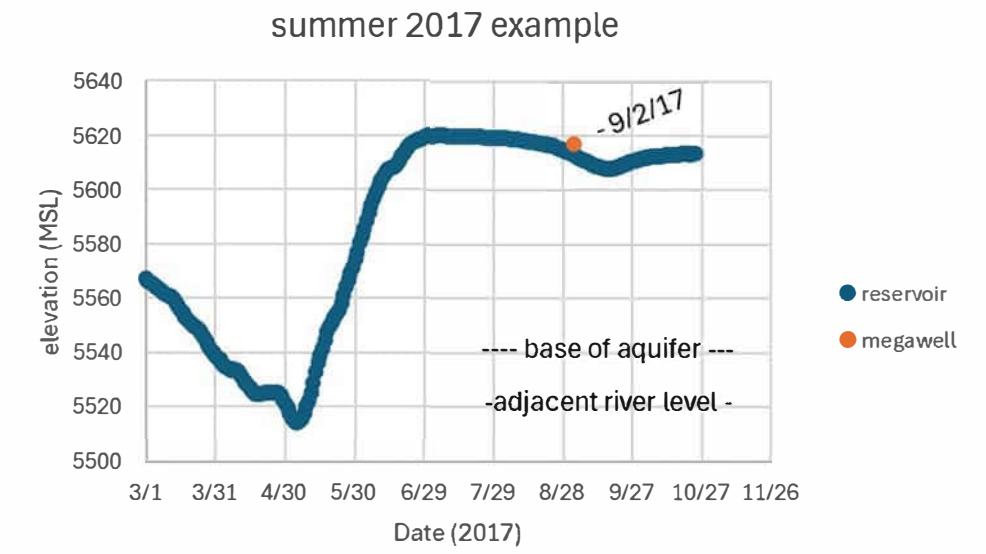
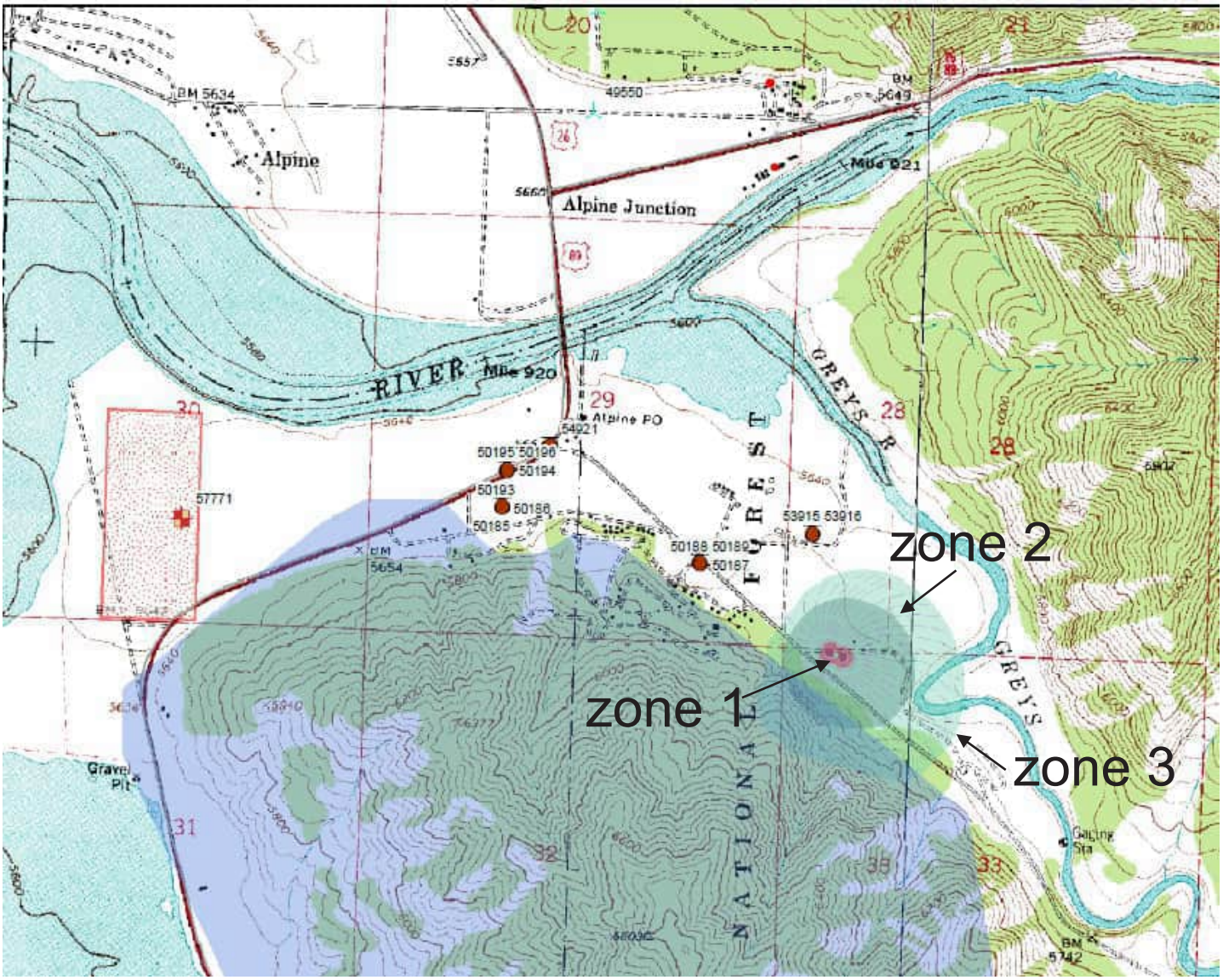
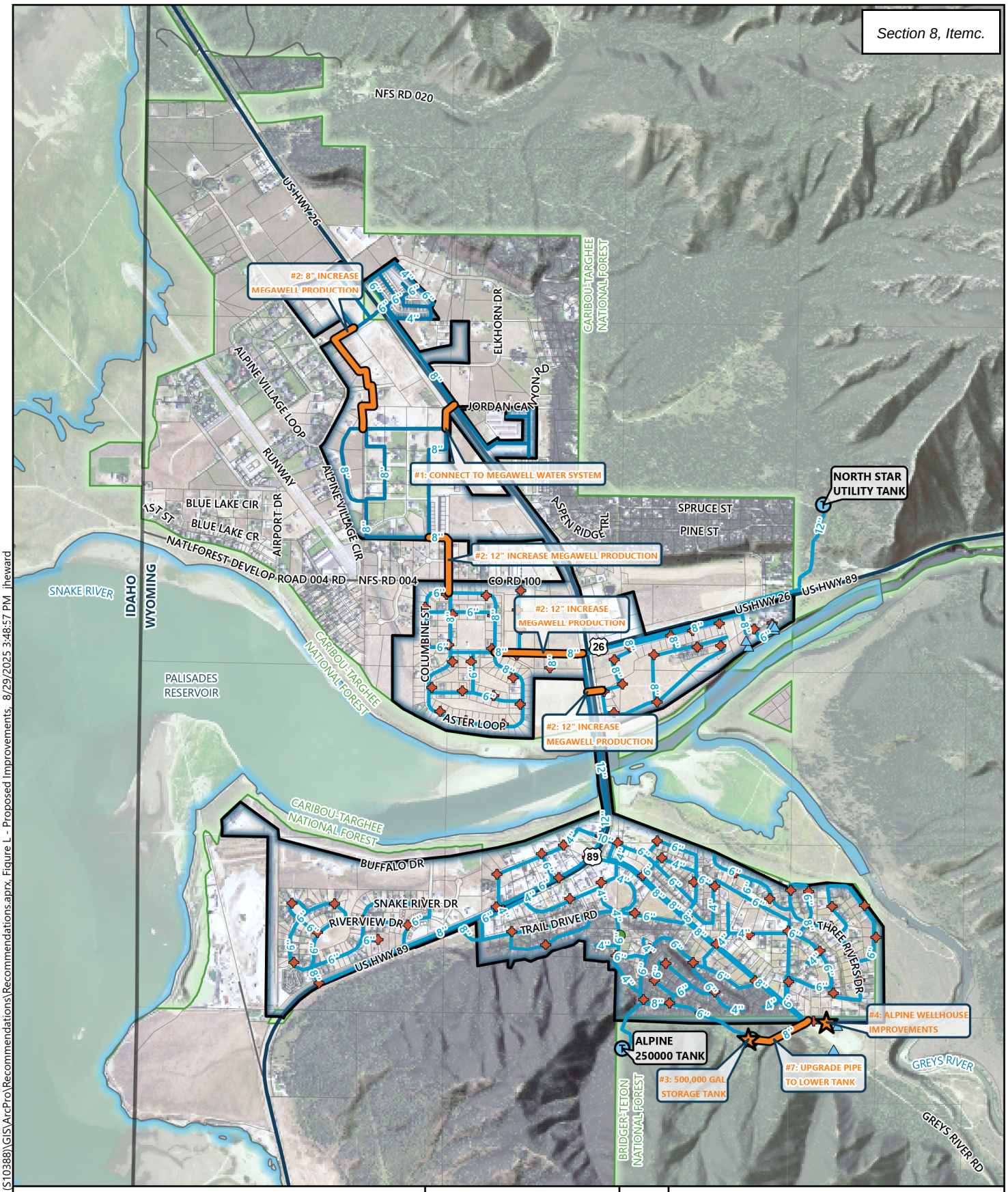


Figure J - Palisades Reservoir and Megawell Elevations



(extracted from TriHydro (2008)

Figure K - Source Water Protection Map



Legend

- Proposed Improvement
- Proposed Improvement
- Tank
- Well
- PRV
- Fire Hydrant
- Water Main (Approximate Location)
- Approximate Water Service Boundary

0 500 1,000 2,000

Feet

North

SUNRISE ENGINEERING

770 S WASHINGTON STREET SUITE A
AFTON, WYOMING 83110
TEL 307.885.8500 · FAX 307.885.8501
www.sunrise-eng.com

FIGURE L

PROPOSED IMPROVEMENTS

ALPINE, WYOMING

P:\WWDC Alpine Water Master Plan (S10388)\GIS\ArcPro\Recommendations\Recommendations.aprx, Figure L - Proposed Improvements, 8/29/2025 3:48:57 PM, jheward

Table 5 - Groundwater Quality Data

Analyte	Well Nos. 1 & 2 System[1]			Well #3		"Megawell"	Clinger No. 2	Flying Saddle	EPA Drinking Water Standards	
				Midway	Final[2]		9/16/2002	1 & 2		
CollectionDate	7/20/1995	8/30/2004	CCR composite	7/1/2008	7/2/2008	11/15/2018		2015	Primary	Secondary
MICROBIOLOGICAL (CFU/ml and P/A)										
Bacteria, Iron Related				<1	2300					
Bacteria, Total Coliform				absent	absent	present		absent		
Bacteria, E-Coli						absent				
MAJOR IONS (mg/L)										
Acidity, Total as CaCO3					<1	233				
Alkalinity, Total as CaCO3				250	254					
Bicarbonate as HCO3	340			305	282		330			
Carbonate as CO3				<1	14					
Calcium	80			74	73	61	67			
Chloride	10			6	6	2	5.3			250
Fluoride	0.19	0.3	0.3		0.3	<0.1	0.3	0.3	4	2
Magnesium	22			21	22	21	35			
Nitrogen, Nitrate+Nitrite as N	0.34	0.2	0.45, 0.29, 0 .19		0.1	0.46	0.9	1.3	10	
Nitrogen, Nitrite as N		<0.10			<0.10				1	
Potassium	1.4			<1	0.8		1			
Silica					4.6					
Sodium		2.1	3, 3.2, 3, 3.2	2	1.7	2	4	7.4		
Sulfate	6	10		9	10	3	33			250
NON-METALS (mg/L)	**0**									
Cyanide		<0.005			<0.005	<0.2			0.2	
PHYSICAL PROPERTIES										
Color (c.u.)					<5.0					15
Conductivity (umhos/cm)				475	489	430				
Corrosivity (unitless)					0.57					non-corrosive
Hardness as CaCO3	279				272	239	312			
Odor (T.O.N.)					NOO					3
pH (s.u.)				7.60	7.71	7.6				6.5 - 8.5
Total Dissolved Solids, TDS @ 180 C (mg/L)	286			267	244	240	310			500
Turbidity (NTU)					4.1					
METALS - TOTAL (mg/L)										
Aluminum	<0.005				<0.1					0.05 - 0.2
Antimony		<0.001			<0.001	<0.006			0.006	
Arsenic		<0.005			0.002	<0.01			0.01	
Barium		0.2	0.1, 0.2		0.2	<0.05	0	0.3	2	
Beryllium		<0.0005			<0.001	<0.001			0.004	
Boron					<0.1					
Cadmium		<0.0005			<0.001	<0.001			0.005	
Chromium		<0.05			<0.05	<0.005			0.1	
Copper	<0.05	0.01			<0.01	<0.01	0.12	0.2	1.3	1
Iron	0.11				<0.03		0.041		0.3	0.3
Lead		<0.001			<0.001	<0.001		10	0.015	
Manganese	<0.02				<0.01		<0.001			0.05
Mercury		<0.0005			<0.001	<0.0001			0.002	
Nickel		<0.02			<0.05	<0.01			0.1	
Selenium		<0.005	0.002		<0.001	<0.001			0.05	
Silver					<0.01					0.1
Thallium		<0.0004			<0.0004	<0.0005			0.002	
Uranium			0.0006	0.0008	0.0007				0.03	
Zinc	0.061				<0.01		0.145			5
RADIONUCLIDES - TOTAL (pCi/L)										
Gross Alpha			4	0.2	5.3	ND	1.8		15	
Gross Beta				-9	0.2				50	
Radium 226				0.15	0.3					
Radium 228				3.0	0.5					
Radium 226 + Radium 228			0.8, .06	3.1	0.8			0.5	5	

[1]All VOCs and SOCs tested for the existing system in 2004 resulted in "non-detects," with the exception of two VOCs: Chlorodibromomethane (0.67 ug/L) and Total Trihalomethanes (0.67 ug/L), neither of which were tested in Well #3 for the Final Test.

[2]All VOCs and SOCs tested resulted in "non-detects."

APPENDIX A

WWDC Star Valley Regional Master Plan – Town of Alpine

TOWN OF ALPINE

WATER SYSTEM INVESTIGATION AND EVALUATION



1.0 BACKGROUND AND INFORMATION 1
2.0 WATER SYSTEM EVALUATION 3
3.0 SUMMARY 10
4.0 REFERENCES 11
FIGURES & PHOTOS
APPENDIX A - WATER USE DATA
APPENDIX B - SOURCE & STORAGE EVALUATION
APPENDIX C - WATER WELL STATEMENTS OF COMPLETION
APPENDIX D - WATER MODELING DATA & RESULTS
APPENDIX E - WATER QUALITY TEST RESULTS

SUNRISE ENGINEERING

1.0 BACKGROUND AND INFORMATION

1.1 BACKGROUND

The Town of Alpine is located on Highway 89 at the north end of Star Valley. It is 36 miles southwest of Jackson Hole and 35 miles north of Afton. It sits at the confluence of the Snake, Greys and Salt Rivers and lies at the edge of Palisades Reservoir. In the 2000 U.S. Census, Alpine had 550 residents living in an area of approximately 0.7 square miles. It is estimated that the population of Alpine has grown to 625 in 2008 (Pedersen Planning Consultants, 2005). The area surrounding Alpine has been growing rapidly the last few years. Alpine is studying the possibility of annexing several subdivisions and properties that lie north of the Snake River directly north of the Town. These areas include, Snake River Junction Subdivision, Alpine Meadows Subdivision, Best Western Flying Saddle property, and Alpendorf, Landis, and Hafeez property.

1.2 SYSTEM OVERVIEW

The Alpine Water and Sewer District was formed in the early 1970's. In 1974 a spring collection system was constructed near Little Jenny Lake, or the Mill Creek area which lies approximately 1 and ¾ miles southeast of Town. The collection area was a system of approximately 18 small springs which transmitted water to a 50,000 gallon concrete tank. From the tank, water was delivered by pipeline to the Town. Flow from the springs varied through months and seasons of the year. In 1977, a severe drought caused the springs to go nearly dry. This was the year that the first well was drilled. A second well was drilled in 1988. Well No. 1 appropriation was enlarged in 1985 and again in 1995. Total water rights for the two wells, is 725 gpm.

The Alpine Water and Sewer District was incorporated as the Town of Alpine in February 1989. At this time water rights were transferred to the Town.

In the summer of 1998 the spring fed water system was contaminated with E. coli. The EPA required the Town to remove the springs from the system unless the spring water was treated. Costs to treat the water were deemed too expensive by the Town and the springs were removed as a source for the system.

The current system consists of two sources, Alpine Wells No. 1 and 2, two concrete storage tanks, 8 and 10 inch transmission lines and 4 and 6 inch distribution lines. The Town has meters installed on connections. At the time of this study, Alpine is putting an additional well into service.

1.3 WATER SYSTEM GOVERNMENT

The Town of Alpine is incorporated with a Mayor and four City Council Members. The Town also has a City Manager. Val Jensen is the operator of the city's water system.

1.4 WATER USERS

Alpine has 379 residential connections (single family dwellings and apartments) and 34 commercial connections. Typically water use is analyzed in terms of equivalent residential units (ERUs) where the water used by each connection is compared to that of an average house. For the purposes of this study, the existing connections were grouped into 2 categories. Table 1.4.1 summarizes the connections.

TABLE 1.4.1 - CONNECTIONS AND EQUIVALENT RESIDENTIAL UNITS (ERUS)

	Existing Conn. / Units			Existing ERU's per Unit	Total Existing ERU's
Single Family Dwellings	325	/	325	1	325
Apartments	54	/	54	0.67	36
Commercial	34	/	34	1.14	39
Total:	**413**	**/**	**413**		**400**

1.5 WATER USE

Although the Alpine water system does have meters on individual connections, water use is estimated from data taken from meters on each well. Historically, the Town water operator has taken readings every few days at the meters. This data can be used to estimate average and maximum daily demands as shown in the table below. For comparison purposes the table also shows historical water use estimates for metered and unmetered water connections in Star Valley. A detailed spreadsheet showing monthly water use is included in Appendix A.

TABLE 1.5.1 – WATER USE SUMMARY

	Alpine Water Use		Typical Star Valley Water Use (gpd/ERU)	
	(gpd)	(gpd/ERU)	Metered Water Systems	Un-Metered Water Systems
Average Daily Demand	283,615	709	915	1,727
Maximum Daily Demand	840,833	2,102	2,489	4,697

Alpine's water use is similar to other metered systems in the valley and much lower than unmetered systems.

2.0 WATER SYSTEM EVALUATION

2.1 WATER SOURCES

The Alpine water system is served by two sources; Alpine Well No. 1, and Alpine Well No. 2. Alpine Well No. 3 is in the process of being permitted and being added to the system. Because Well No. 3 is not operational, it will not be included in the system evaluation for this study.

2.1.1 ALPINE WELL NO. 1

Alpine Well No. 1 is located on Forest Service property just off of the Grays River Road southeast of Town. It was drilled in 1977 following a severe drought that caused the springs, which were supplying the system, to nearly go dry. It is cased to its total depth of 275 feet. Depth to the first water bearing formation is 60 feet. The well has a 50 hp submersible pump set at 175 feet. The well produces approximately 350 gpm. Operation of Well No. 1 is alternated with Well No. 2 to enhance the life of the pumps. In 2006 an investigation was completed by Hinckley Consulting to determine the capacity of the two wells. The purpose of the study was to look at measures that could be taken to enlarge the system's source capacity. The results showed that Well No. 1 could have a sustained pumping rate of 750 gpm during peak-use periods. This will require a larger pump to be placed in the well. Also, it appears that there would need to be an enlargement in the water right to implement this increased pumping rate. Water rights for the well have been enlarged twice since it was drilled.

2.1.2 ALPINE WELL NO. 2

Alpine Well No. 2 is located 172 feet east of Well No 1. It was drilled in 1988 and is 243 feet deep. At the time of drilling static water depth was 85 feet. The well is cased to 147 feet. The 50 hp submersible pump is set at a depth of 156 feet. Well No. 2 also produces approximately 350 gpm. The 2006 Hinckley investigation showed that Well No. 2 would be able to produce 600 gpm. However, if this rate is maintained for months on end there could be problems from entrainment of air from water cascading into the well through perforations above the pumping water level. Well No. 2 will also require a larger pump being set to reach this higher production rate along with increased water rights.

2.1.3 ALPINE DISTRICT WELL NO. 3

At the time of this study, a third well has been drilled and tested. Plans are to place this well into service by the end of 2008. Anticipated capacity for Well No. 3 is 500 gpm. Because the well has not been incorporated into the system at the time of this study, it will not be included in source capacity calculations.

2.1.4 WATER SOURCE SUMMARY

A summary of the Town's water sources is shown below.

TABLE 2.1.4.1 – WATER SOURCE SUMMARY

	Existing Capacity (gpm)	Potential Capacity (gpm)
Alpine Well No. 1	350	750
Alpine Well No. 2	350	600
Total	**700**	**1,350**

2.1.5 WATER SOURCE ANALYSIS

For the purposes of this evaluation, source capacity is analyzed based on current Wyoming Department of Environmental Quality Rules and Regulations (WDEQ, 2006). WDEQ regulations concerning source capacity are shown below along with the analysis for the Alpine system:

1. *The total developed ground water source, along with other water source, shall provide a combined capacity that shall equal or exceed the design maximum daily demand (WDEQ, 2006, p. 12-17).*

Existing source capacity	1,008,000 gpd	700 gpm	479 ERU
-Maximum daily demand	840,833 gpd	584gpm	400 ERU
Excess capacity =	**167,167 gpd**	**116 gpm**	**79 ERU**

2. *A minimum of two wells (includes springs), or one well and finished water storage equal to twice the maximum daily demand shall be provided. (WDEQ, 2006, p.12-17)*

Alpine has two sources.

3. *Where two sources are provided, the sources (and storage) shall be capable of equaling or exceeding the design average daily demand with the largest producing well out of service. (WDEQ, 2006, p. 12-17).*

Capacity with largest source out of service	504,000 gpd
+ Storage capacity	750,000 gpd
- Average daily demand	283,615 gpd
Excess capacity	**970,385 gpd (1,369 ERU)**

Based on the above analysis, the Town has an excess source capacity of 167,167 gpd under the first rule. This equates to 79 ERU's (based on 2,102 gpd/ERU maximum daily demand). A summary sheet showing the water source, storage, and water right analysis is included in Appendix B.

2.2 WATER RIGHTS

The Town of Alpine has municipal water rights for Alpine Wells No. 1, and No. 2 in the amounts of 350 gpm and 375 gpm. A summary of the Town's water rights is shown below. The associated water rights documents are included in Appendix C.

TABLE 2.2.1 – ALPINE WATER RIGHTS SUMMARY

Permit	Source	Priority	Amount	Comments
U.W 39163	Alpine Well No. 1	07/20/1977	200 gpm (0.445 cfs)	
U.W. 78067	Alpine Well No. 1	12/27/1985	100 gpm (0.222 cfs)	Enlarged Alpine No. 1
U.W. 98662	Alpine Well No. 1	03/27/1995	50 gpm (0.111 cfs)	Enlarged Alpine No. 1
U.W. 77717	Alpine Well No. 2	06/23/1988	375 gpm (0.836 cfs)	

2.3 WATER STORAGE

Alpine has 2 storage tanks. One tank is a 250,000 gallon tank and the other is a 500,000 gallon tank.

2.3.1 ALPINE 250,000 GALLON TANK

Alpine's 250,000 gallon reinforced concrete cylindrical storage tank is located south of Town on the hillside. The property that the tank rests on is Forest Service property (see Figure 1). The tank was constructed in 1996 and is in good condition. The tank is partially buried to protect it from freezing. The 250,000 gallon tank is at a higher elevation than the 500,000 gallon tank and feeds the upper pressure zone of the system. Water is delivered to this tank from the 500,000 gallon tank by a booster pump through a 6 inch diameter line. The booster pump is located just west of the wells. The line is enlarged to an 8 inch line before dumping into the tank. The booster pump can feed the zone the tank is on and move water to the tank at the same time.

According to Val Jensen, Alpine water system operator, the tank was last cleaned and inspected by divers in 2005.

2.3.2 ALPINE 500,000 GALLON TANK

Alpine's 500,000 gallon concrete reinforced cylindrical storage tank is also located on Forest Service property on the hillside east of the 250,000 gallon tank (see Figure 1). This tank was constructed in 1996 and is in good condition. The tank is partially buried. Water is delivered to this tank from the wells through an 8-inch line. Water from this tank is gravity feed into the lower pressure zone of the system through a 10-inch line. Water from the 500,000 gallon tank is also delivered to the 250,000 gallon tank through a

6-inch line that passes through a booster pump. This tank was last cleaned and inspected by divers in 2005.

TABLE 2.3.1 – WATER STORAGE SUMMARY

	Volume (gallons)	Type	Year Constructed
Alpine Tank	250,000	Concrete, Cylindrical	1996
Alpine Tank	500,000	Concrete, Cylindrical	1996
Total	**750,000**		

2.3.3 WATER STORAGE ANALYSIS

The WDEQ regulations for storage are based on the size of the water system. As the systems increase in size (based on the average daily demand of the system), the required storage per the number of gallons served decreases. The WDEQ requirements for storage capacity are listed below along with the analysis for the Alpine System.

1. *Water systems serving less than 50,000 gallons on the design average daily demand shall provide clearwell and system storage capacity equal to the average daily demand (WDEQ, 2006, 12-65).*

   Not applicable.

2. *Water systems serving from 50,000 to 500,000 gallons on the design average daily demand shall provide clearwell and system storage capacity equal to the average daily demand plus fire storage, based on recommendations established by the State Fire Marshall or local fire agency (WDEQ, 2006, 12-65).*

   The Alpine average daily demand is estimated at 283,615 gallons. Required fire storage is estimated as 180,000 gallons (1,500 gallons for 120 minutes). Therefore the total required storage is 283,615 plus 180,000 or 463,615 gallons. The Alpine tanks have a capacity of 750,000 gallons. So currently, Alpine has an excess capacity of 286,385 gallons.

3. *Water systems serving in excess of 500,000 gallons on the design average daily demand shall provide clearwell and system storage capacity equal to 25 percent of the design maximum daily demand, plus added fire storage based on recommendations established by the State Fire Marshall or local fire agency (WDEQ, 2006, 12-65).*

   Not applicable.

4. *Storage need not be provided in well supply system where a minimum of two wells are provided and a maximum hour demand or fire demand, whichever is greater, can be supplied with the largest well out of service (WDEQ, 2006, 12-65).*

Not applicable.

5. *If the system only has one source, the finished water storage shall be equal to twice the maximum daily demand (WDEQ, 2006, 12-17).*

   Not applicable.

According to the WDEQ Rules and Regulations the Alpine system has 286,385 gallons of excess capacity. This equates to 404 ERUs, based on 709 gpd/ERU average daily demand.

2.4 WATER DISTRIBUTION SYSTEM

In order to model the distribution system, a water system modeling software, (H20 Net) was used. This software analyzes the ability of the system to perform based on its given pipe sizes, pipe lengths, system elevations, tank locations, and pipe configurations. The program models various demand scenarios that the system may be required to meet. These scenarios include average and peak daily demands, and fire flows at various locations on the system.

Results from the water model indicate that static pressures in the Alpine system range from 60 psi at Junction 190 located just below the 250,000 gallon tank to 98 psi at Junction 240 on Forest Circle Drive. Under maximum daily demand, pressures in the Alpine system are only slightly less (about 1 psi) than the static pressure. Under WDEQ rules and regulations, the normal working pressure in the system should not be less than 35 psi (DEQ, 2006, p. 12-99). According to the water model there are no connections that have less than 35 psi.

Wyoming DEQ requires distribution systems to be sized to maintain a minimum pressure of 20 psi at ground level at all points under all conditions of flow (DEQ, 2006, 12-69). For analysis purposes, the worst-case flow condition would be a fire flow demand superimposed upon the maximum daily demand. This scenario was modeled with H2O Net. The model determined the available fire flow at each fire hydrant location while maintaining 20 psi at all nodes in the system. The result of this analysis shows that the estimated available fire flow ranges from 954 gpm to 4,275 gpm. Detailed results from the H20 Net water model are included in Appendix D.

Fire flow requirements are regulated in Lincoln County by the International Fire Code. The typical fire flow requirement for residential construction is 1,000 gpm. For commercial areas, the requirement is 1,500 gpm and up depending on the size of the building, the type of construction and whether the building has sprinklers.

2.5 WATER QUALITY AND TREATMENT

The water quality of the Alpine system has historically been good. There have been 4 MCL (maximum contaminant level) violations in the past 10 years. These have involved the presence of coliform bacteria in the samples. There have been 23 monitoring violations in the past 10

years. This means that the system failed to complete all samples or sample in a timely manner (SDWIS, 2008).

In June of 1998, Town residents and visitors came down with flu like symptoms, part of those individuals were diagnosed with E coli. Following the outbreak which was attributed to the drinking water, the springs, which had been a partial source of the Town's water, were disconnected from the system. Since that time, the Town has used two wells as their water sources.

As part of this study, water quality tests were performed at the well house. The wells were sampled at the sample tap located inside the well house. A list of the constituents that were tested along with the results is shown in Appendix E.

The Alpine system has the ability to chlorinate the water at the well house. The well house is equipped with a hypochlorite system with a metering pump that pumps the chlorine directly into the pipeline.

Water quality test results found in Appendix E indicate that water sources for the Alpine System have an average Total Dissolved Solids (TDS) of 288 mg/L. The Maximum Contaminant Level (MCL) allowed by the EPA is 500. The highest level of Nitrogen, Nitrate+Nitrite+N found in any Alpine source is 1.46 mg/L. The MCL is 10. There are no other values tested that are close to the MCLs allowed.

2.6 SYSTEM OPERATIONS

As discussed in Section 1.3, the Alpine water system is owned and operated by the Town of Alpine and governed by the Town Council.

The responsibilities of the water operator include the operation, maintenance, repair, and water quality testing of the system. They are directly responsible to the customers for the quality of drinking water provided and to the Town or district for keeping the system in good repair and proper working order.

Each system has different components that require maintenance. It is important that the operator have a maintenance schedule that outlines when various components of the system require attention. The schedule will depend on the operators experience with the system as well as manufactures recommendations for maintenance.

2.6.1 MAINTENANCE RECOMMENDATIONS

The following is a list of the major components that were identified in the Afton system and suggested maintenance procedures and frequency.

TABLE 2.6.1.1 – MAINTENANCE PROCEDURES AND FREQUENCY

Component	Action	Frequency
Concrete Tanks	Operator inspection Professional inspection/cleaning	Yearly 3-5 yrs
Well House	Inspect and clean if necessary, maintain valves, meters, gages, and electronic controls in accordance with manufactures recommendations (see O& M manual).	Yearly
PRV Vault	Inspect vault, clean and repair if necessary. Clean, adjust, disassemble, and repair PRVs as necessary (see manufacturers instructions). Inspect pressure gages. Exercise gate valves.	Yearly
Mainline Meter	Check operation, check for noise. Check mounting and alignment.	Monthly Yearly
Service Meter	Visually inspect. Replace.	Yearly 15-20 yr
Distribution System Valves	Locate, inspect, and exercise. Check valve box alignment and remove any debris.	Yearly
Fire Hydrants	Operate, check for proper draining, exercise isolation valve, check nozzle threads and caps, inspect operating nuts for roundness, check for leaks.	Yearly
Dead Ends	Flush, flow velocity in pipe greater than 2.5 ft/s	Variable

2.6.2 FLOW MEASUREMENT

The Alpine system has master meters in the pump/wellhouse as well as meters on individual connections. Flow is the most important measurement made in a water system. The Town operators have done a good job over the years of collecting flow data for the system. Flow measurement can help in identifying leaks. An accurate flow record can also assist the board in determining how much excess capacity the system has and how many additional connections the system can handle.

3.0 SUMMARY

The Alpine system is in good condition. Water usage is consistent with similar sized systems in Star Valley. In comparison to the Afton system which recently under went a major project to replace the majority of the water mainlines; Alpine uses less than 1/2 the amount of water per connection.

The Alpine water sources are in good condition and the system has adequate water source capacity to handle 79 ERUs or 79 additional single family residential connections, assuming new connections have similar water demands as the existing connections.

Alpine currently has a water storage excess of 286,385 gallons, according to the WDEQ rules and regulations for storage capacity. This capacity is sufficient to accommodate 404 additional ERUs. Any improvements to the water system would require that the system meet WDEQ regulations. As mentioned earlier, the system is in the process of adding an additional well.

The distribution system appears to be able to accommodate the existing demands, according to the water model that was created. Water pressures range from 60 psi to 119 psi during maximum daily demand. Available fire flows are around 2,000 gpm for the 58 existing fire hydrants.

4.0 REFERENCES

Wyoming Department of Environmental Quality (2006). *Water Quality Rules and Regulations Chapter 12.*

Safe Drinking Water Information System (2008). SDWIS Violation Report, Alpine Improvement and Service District [online]. http://www.epa.gov/enviro/html/sdwis

Hinckley Consulting Memorandum (2005). *Alpine 2005 Master Plan Update, Increased Yield Investigations-Alpine Wells Nos. 1 and 2.*

Pedersen Planning Consultants (October, 25 2006, p 8-16). *Town of Alpine Municipal Master Plan.*

Sunrise Engineering (Oct. 1995). *Alpine Junction Water Level I Study.* Wyoming Water Development Commission.

FIGURES & PHOTOS

SUNRISE ENGINEERING

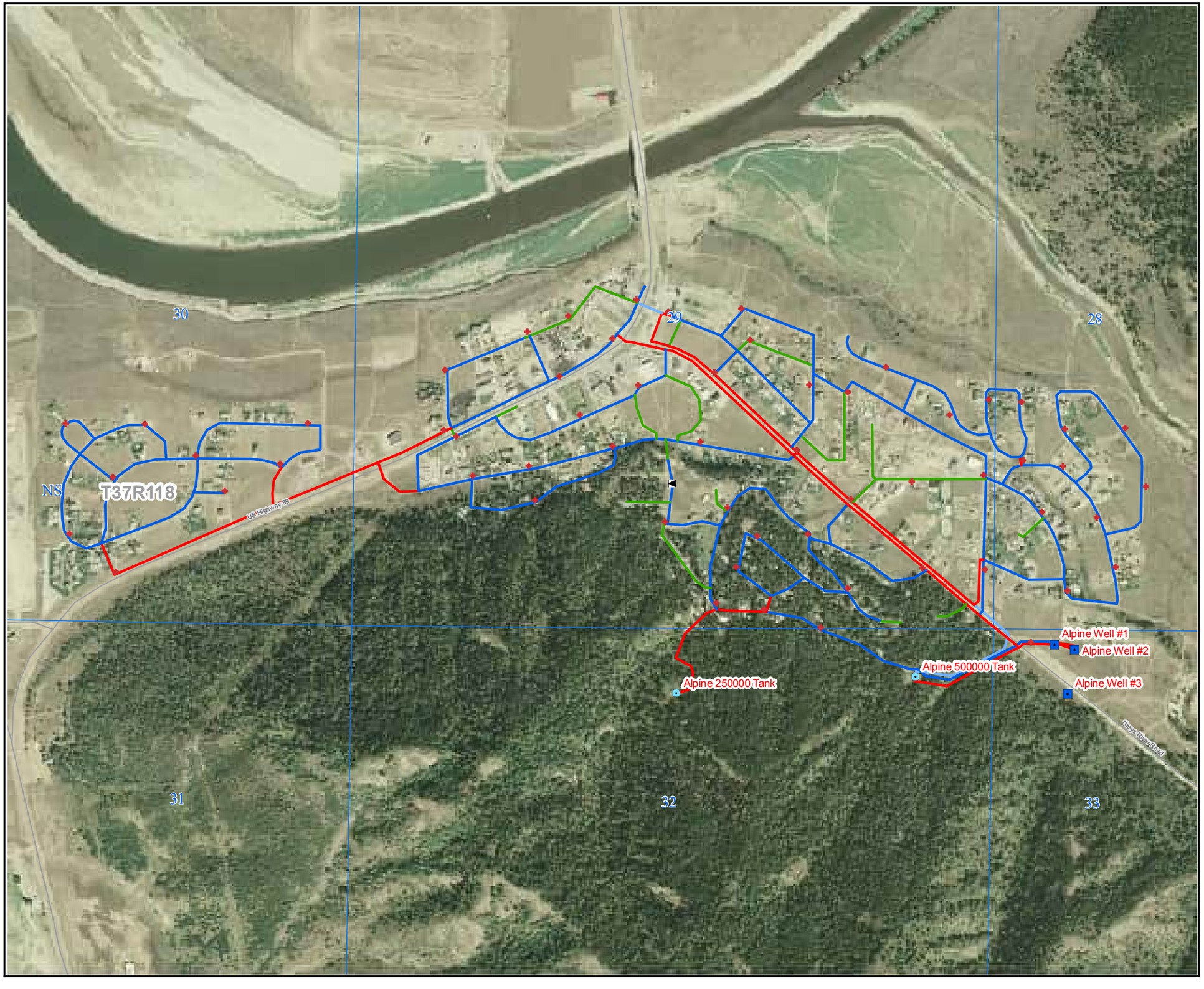


Figure 1
Alpine Water System

N
W E
S

Legend

- Fire Hydrant
- Well
- PRV
- Storage Tank

Water Line Diameter

- 4
- 6
- 8
- 10

- Township
- Sections

0 300 600 1,200 Feet

SUNRISE ENGINEERING

For display purposes only.



WELL CONTROL & BOOSTER PUMP BUILDING



BOOSTER PUMPS (Pump water from 500,000 gallon tank up to 250,000 gallon tank.)



WELL CONTROL VALVING



ALPINE 500,000 GALLON TANK



ALPINE 250,000 GALLON TANK

APPENDIX A

WATER USE DATA

SUNRISE ENGINEERING

TOWN OF ALPINE
Water Use Summary

Average and Maximum Daily Water Use by Month in Gallons per Day

	2004			2005			2006			2007		
	Ave Day	Max Day	Min Day	Ave Day	Max Day	Min Day	Ave Day	Max Day	Min Day	Ave Day	Max Day	Min Day
January	255,800	344,500	183,000	152,548	224,000	14,000				171,672	226,000	23,000
February	266,414	532,000	111,400	145,143	259,000	19,500	159,647	204,000	49,000	199,143	256,000	118,000
March	298,194	406,000	238,000	159,387	455,000	23,000	165,056	225,667	123,000	207,871	348,500	83,000
April	295,967	449,000	255,000	154,321	213,000	11,000	168,094	267,000	88,667	216,033	412,500	127,000
May	341,679	631,000	240,250	200,818	356,000	30,000				321,500	570,000	200,000
June	392,545	301,333	559,000	257,481	375,200	197,000	291,330	585,500	228,333	511,300	961,000	283,500
July	515,300	609,000	392,000	534,138	673,000	409,571	523,161	859,000	190,000	706,348	941,000	553,000
August	484,065	711,000	181,000	487,778	832,333	166,000	483,613	856,000	308,667			
September	299,278	419,667	164,500	378,692	563,000	180,000	339,679	521,000	143,500			
October	239,098	270,286	88,000	376,429	498,000	37,000						
November	146,563	230,000	49,000	154,231	275,000	38,000						
December	136,048	201,000	22,000									

Average Daily Demand (gpd):	283,615
Maximum Daily Demand (gpd):	840,833

TOWN OF ALPINE
Water Use 2004-2007

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
1-Jan-04	663,882,000			
2-Jan-04	664,132,000	1	250,000	250,000
3-Jan-04	664,374,000	1	242,000	242,000
4-Jan-04	664,623,000	1	249,000	249,000
5-Jan-04	664,862,000	1	239,000	239,000
6-Jan-04	665,109,000	1	247,000	247,000
7-Jan-04	665,351,000	1	242,000	242,000
8-Jan-04	665,602,000	1	251,000	251,000
9-Jan-04	665,843,000	1	241,000	241,000
10-Jan-04	666,093,000	1	250,000	250,000
11-Jan-04	666,329,000	1	236,000	236,000
12-Jan-04	666,577,000	1	248,000	248,000
13-Jan-04	666,828,000	1	251,000	251,000
14-Jan-04	667,083,000	1	255,000	255,000
15-Jan-04	667,333,000	1	250,000	250,000
16-Jan-04	667,594,000	1	261,000	261,000
17-Jan-04	667,845,000	1	251,000	251,000
19-Jan-04	668,360,000	2	515,000	257,500
20-Jan-04	668,625,000	1	265,000	265,000
21-Jan-04	668,876,000	1	251,000	251,000
22-Jan-04	669,130,000	1	254,000	254,000
23-Jan-04	669,384,000	1	254,000	254,000
25-Jan-04	670,073,000	2	689,000	344,500
26-Jan-04	670,291,000	1	218,000	218,000
27-Jan-04	670,474,000	1	183,000	183,000
28-Jan-04	670,760,000	1	286,000	286,000
29-Jan-04	670,963,000	1	203,000	203,000
31-Jan-04	671,556,000	2	593,000	296,500
1-Feb-04	671,840,000	1	284,000	284,000
6-Feb-04	672,397,000	5	557,000	111,400
8-Feb-04	673,156,000	2	759,000	379,500
9-Feb-04	673,688,000	1	532,000	532,000
10-Feb-04	673,958,000	1	270,000	270,000
12-Feb-04	674,472,000	2	514,000	257,000
13-Feb-04	674,706,000	1	234,000	234,000
14-Feb-04	674,964,000	1	258,000	258,000
16-Feb-04	675,710,000	2	746,000	373,000
17-Feb-04	676,006,000	1	296,000	296,000
19-Feb-04	676,326,000	2	320,000	160,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
20-Feb-04	676,615,000	1	289,000	289,000
21-Feb-04	676,926,000	1	311,000	311,000
22-Feb-04	677,224,000	1	298,000	298,000
23-Feb-04	677,526,000	1	302,000	302,000
24-Feb-04	677,809,000	1	283,000	283,000
25-Feb-04	678,104,000	1	295,000	295,000
26-Feb-04	678,387,000	1	283,000	283,000
27-Feb-04	678,686,000	1	299,000	299,000
28-Feb-04	678,976,000	1	290,000	290,000
29-Feb-04	679,282,000	1	306,000	306,000
1-Mar-04	679,560,000	1	278,000	278,000
2-Mar-04	679,857,000	1	297,000	297,000
3-Mar-04	680,145,000	1	288,000	288,000
4-Mar-04	680,441,000	1	296,000	296,000
5-Mar-04	680,723,000	1	282,000	282,000
6-Mar-04	681,018,000	1	295,000	295,000
7-Mar-04	681,291,000	1	273,000	273,000
8-Mar-04	681,581,000	1	290,000	290,000
9-Mar-04	681,819,000	1	238,000	238,000
10-Mar-04	682,059,000	1	240,000	240,000
11-Mar-04	682,358,000	1	299,000	299,000
12-Mar-04	682,713,000	1	355,000	355,000
13-Mar-04	683,119,000	1	406,000	406,000
15-Mar-04	683,704,000	2	585,000	292,500
16-Mar-04	683,976,000	1	272,000	272,000
17-Mar-04	684,222,000	1	246,000	246,000
18-Mar-04	684,573,000	1	351,000	351,000
19-Mar-04	684,940,000	1	367,000	367,000
20-Mar-04	685,223,000	1	283,000	283,000
22-Mar-04	685,785,000	2	562,000	281,000
23-Mar-04	686,098,000	1	313,000	313,000
24-Mar-04	686,390,000	1	292,000	292,000
25-Mar-04	686,697,000	1	307,000	307,000
26-Mar-04	686,987,000	1	290,000	290,000
29-Mar-04	687,917,000	3	930,000	310,000
30-Mar-04	688,211,000	1	294,000	294,000
31-Mar-04	688,526,000	1	315,000	315,000
1-Apr-04	688,975,000	1	449,000	449,000
2-Apr-04	689,278,000	1	303,000	303,000
5-Apr-04	690,145,000	3	867,000	289,000
6-Apr-04	690,431,000	1	286,000	286,000
7-Apr-04	690,706,000	1	275,000	275,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
8-Apr-04	690,979,000	1	273,000	273,000
9-Apr-04	691,234,000	1	255,000	255,000
12-Apr-04	692,085,000	3	851,000	283,667
13-Apr-04	692,372,000	1	287,000	287,000
14-Apr-04	692,673,000	1	301,000	301,000
15-Apr-04	692,949,000	1	276,000	276,000
16-Apr-04	693,233,000	1	284,000	284,000
19-Apr-04	694,112,006	3	879,006	293,002
21-Apr-04	694,645,000	2	532,994	266,497
22-Apr-04	694,943,000	1	298,000	298,000
23-Apr-04	695,228,000	1	285,000	285,000
26-Apr-04	696,164,000	3	936,000	312,000
27-Apr-04	696,483,000	1	319,000	319,000
28-Apr-04	696,823,000	1	340,000	340,000
29-Apr-04	697,101,000	1	278,000	278,000
30-Apr-04	697,405,000	1	304,000	304,000
4-May-04	698,721,000	4	1,316,000	329,000
5-May-04	699,024,000	1	303,000	303,000
6-May-04	699,353,000	1	329,000	329,000
7-May-04	699,715,000	1	362,000	362,000
10-May-04	700,907,000	3	1,192,000	397,333
11-May-04	701,436,000	1	529,000	529,000
13-May-04	702,053,000	2	617,000	308,500
14-May-04	702,377,000	1	324,000	324,000
18-May-04	703,338,000	4	961,000	240,250
19-May-04	703,630,000	1	292,000	292,000
20-May-04	703,924,000	1	294,000	294,000
21-May-04	704,555,000	1	631,000	631,000
24-May-04	705,587,000	3	1,032,000	344,000
25-May-04	705,902,000	1	315,000	315,000
26-May-04	706,243,000	1	341,000	341,000
27-May-04	706,607,000	1	364,000	364,000
28-May-04	706,972,000	1	365,000	365,000
1-Jun-04	708,192,000	4	1,220,000	305,000
2-Jun-04	708,631,000	1	439,000	439,000
3-Jun-04	709,013,000	1	382,000	382,000
4-Jun-04	709,454,000	1	441,000	441,000
7-Jun-04	710,817,000	3	1,363,000	454,333
8-Jun-04	711,269,000	1	452,000	452,000
9-Jun-04	711,731,000	1	462,000	462,000
10-Jun-04	712,222,000	1	491,000	491,000
14-Jun-04	713,802,000	4	1,580,000	395,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
15-Jun-04	714,361,000	1	559,000	559,000
16-Jun-04	714,703,000	1	342,000	342,000
17-Jun-04	715,240,000	1	537,000	537,000
18-Jun-04	715,590,000	1	350,000	350,000
21-Jun-04	716,494,000	3	904,000	301,333
22-Jun-04	716,937,000	1	443,000	443,000
23-Jun-04	717,381,000	1	444,000	444,000
24-Jun-04	717,744,000	1	363,000	363,000
25-Jun-04	718,067,000	1	323,000	323,000
28-Jun-04	719,259,000	3	1,192,000	397,333
29-Jun-04	719,623,000	1	364,000	364,000
30-Jun-04	719,926,000	1	303,000	303,000
1-Jul-04	720,340,000	1	414,000	414,000
2-Jul-04	720,732,000	1	392,000	392,000
6-Jul-04	722,452,000	4	1,720,000	430,000
7-Jul-04	722,914,000	1	462,000	462,000
8-Jul-04	723,412,000	1	498,000	498,000
9-Jul-04	723,937,000	1	525,000	525,000
12-Jul-04	725,401,000	3	1,464,000	488,000
13-Jul-04	725,952,000	1	551,000	551,000
14-Jul-04	726,509,000	1	557,000	557,000
15-Jul-04	727,065,000	1	556,000	556,000
16-Jul-04	727,614,000	1	549,000	549,000
19-Jul-04	729,275,000	3	1,661,000	553,667
20-Jul-04	729,836,000	1	561,000	561,000
21-Jul-04	730,385,000	1	549,000	549,000
22-Jul-04	730,934,000	1	549,000	549,000
23-Jul-04	731,492,000	1	558,000	558,000
26-Jul-04	733,311,000	3	1,819,000	606,333
27-Jul-04	733,920,000	1	609,000	609,000
28-Jul-04	734,360,000	1	440,000	440,000
29-Jul-04	734,861,000	1	501,000	501,000
30-Jul-04	735,385,000	1	524,000	524,000
2-Aug-04	737,353,000	3	1,968,000	656,000
3-Aug-04	737,949,000	1	596,000	596,000
4-Aug-04	738,501,000	1	552,000	552,000
5-Aug-04	739,212,000	1	711,000	711,000
6-Aug-04	739,806,000	1	594,000	594,000
9-Aug-04	741,599,000	3	1,793,000	597,667
10-Aug-04	742,167,000	1	568,000	568,000
11-Aug-04	742,779,000	1	612,000	612,000
12-Aug-04	743,351,000	1	572,000	572,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
13-Aug-04	743,892,000	1	541,000	541,000
16-Aug-04	745,316,000	3	1,424,000	474,667
17-Aug-04	745,856,000	1	540,000	540,000
18-Aug-04	746,366,000	1	510,000	510,000
19-Aug-04	746,547,000	1	181,000	181,000
20-Aug-04	746,904,000	1	357,000	357,000
23-Aug-04	748,034,000	3	1,130,000	376,667
24-Aug-04	748,329,000	1	295,000	295,000
25-Aug-04	748,608,000	1	279,000	279,000
30-Aug-04	750,391,000	5	1,783,000	356,600
1-Sep-04	750,720,000	2	329,000	164,500
2-Sep-04	750,994,000	1	274,000	274,000
3-Sep-04	751,288,000	1	294,000	294,000
6-Sep-04	752,547,000	3	1,259,000	419,667
8-Sep-04	753,192,000	2	645,000	322,500
9-Sep-04	753,509,000	1	317,000	317,000
13-Sep-04	754,704,000	4	1,195,000	298,750
14-Sep-04	754,922,000	1	218,000	218,000
16-Sep-04	755,476,000	2	554,000	277,000
17-Sep-04	755,778,000	1	302,000	302,000
1-Oct-04	759,562,000	14	3,784,000	270,286
4-Oct-04	760,335,000	3	773,000	257,667
5-Oct-04	760,572,000	1	237,000	237,000
6-Oct-04	760,817,000	1	245,000	245,000
7-Oct-04	761,056,000	1	239,000	239,000
8-Oct-04	761,302,000	1	246,000	246,000
13-Oct-04	762,568,000	5	1,266,000	253,200
14-Oct-04	762,815,000	1	247,000	247,000
15-Oct-04	763,058,000	1	243,000	243,000
18-Oct-04	763,815,000	3	757,000	252,333
19-Oct-04	764,035,000	1	220,000	220,000
20-Oct-04	764,268,000	1	233,000	233,000
21-Oct-04	764,452,000	1	184,000	184,000
22-Oct-04	764,540,000	1	88,000	88,000
25-Oct-04	765,023,000	3	483,000	161,000
26-Oct-04	765,197,000	1	174,000	174,000
28-Oct-04	765,581,000	2	384,000	192,000
1-Nov-04	765,991,000	4	410,000	102,500
2-Nov-04	766,214,000	1	223,000	223,000
3-Nov-04	766,414,000	1	200,000	200,000
4-Nov-04	766,561,000	1	147,000	147,000
5-Nov-04	766,610,000	1	49,000	49,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
8-Nov-04	767,013,000	3	403,000	134,333
9-Nov-04	767,226,000	1	213,000	213,000
10-Nov-04	767,422,000	1	196,000	196,000
12-Nov-04	767,618,000	2	196,000	98,000
15-Nov-04	768,031,000	3	413,000	137,667
16-Nov-04	768,250,000	1	219,000	219,000
17-Nov-04	768,447,000	1	197,000	197,000
22-Nov-04	769,030,000	5	583,000	116,600
23-Nov-04	769,260,000	1	230,000	230,000
24-Nov-04	769,467,000	1	207,000	207,000
29-Nov-04	770,271,000	5	804,000	160,800
1-Dec-04	770,463,000	2	192,000	96,000
2-Dec-04	770,485,000	1	22,000	22,000
6-Dec-04	771,137,000	4	652,000	163,000
7-Dec-04	771,338,000	1	201,000	201,000
20-Dec-04	773,128,000	13	1,790,000	137,692
3-Jan-05	775,432,000	14	2,304,000	164,571
4-Jan-05	775,600,000	1	168,000	168,000
6-Jan-05	775,842,000	2	242,000	121,000
7-Jan-05	776,043,000	1	201,000	201,000
10-Jan-05	776,452,000	3	409,000	136,333
14-Jan-05	777,057,000	4	605,000	151,250
18-Jan-05	777,689,000	4	632,000	158,000
19-Jan-05	777,703,000	1	14,000	14,000
20-Jan-05	777,897,000	1	194,000	194,000
21-Jan-05	778,094,000	1	197,000	197,000
23-Jan-05	778,292,000	2	198,000	99,000
24-Jan-05	778,516,000	1	224,000	224,000
25-Jan-05	778,699,000	1	183,000	183,000
26-Jan-05	778,723,000	1	24,000	24,000
27-Jan-05	778,910,000	1	187,000	187,000
28-Jan-05	779,100,000	1	190,000	190,000
31-Jan-05	779,535,000	3	435,000	145,000
1-Feb-05	779,724,000	1	189,000	189,000
2-Feb-05	779,777,000	1	53,000	53,000
3-Feb-05	779,937,000	1	160,000	160,000
6-Feb-05	780,567,000	3	630,000	210,000
9-Feb-05	780,785,000	3	218,000	72,667
10-Feb-05	780,970,000	1	185,000	185,000
11-Feb-05	781,169,000	1	199,000	199,000
14-Feb-05	781,586,000	3	417,000	139,000
18-Feb-05	782,187,000	4	601,000	150,250

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
20-Feb-05	782,449,000	2	262,000	131,000
22-Feb-05	782,967,000	2	518,000	259,000
24-Feb-05	783,006,000	2	39,000	19,500
25-Feb-05	783,201,000	1	195,000	195,000
28-Feb-05	783,599,000	3	398,000	132,667
1-Mar-05	783,810,000	1	211,000	211,000
3-Mar-05	784,159,000	2	349,000	174,500
4-Mar-05	784,219,000	1	60,000	60,000
7-Mar-05	784,401,000	3	182,000	60,667
8-Mar-05	784,856,000	1	455,000	455,000
9-Mar-05	785,024,000	1	168,000	168,000
10-Mar-05	785,228,000	1	204,000	204,000
11-Mar-05	785,420,000	1	192,000	192,000
26-Mar-05	787,739,000	15	2,319,000	154,600
27-Mar-05	787,934,000	1	195,000	195,000
28-Mar-05	788,126,000	1	192,000	192,000
29-Mar-05	788,149,000	1	23,000	23,000
30-Mar-05	788,339,000	1	190,000	190,000
31-Mar-05	788,540,000	1	201,000	201,000
1-Apr-05	788,705,000	1	165,000	165,000
2-Apr-05	788,752,006	1	47,006	47,006
4-Apr-05	789,163,000	2	410,994	205,497
5-Apr-05	789,314,000	1	151,000	151,000
7-Apr-05	789,577,000	2	263,000	131,500
8-Apr-05	789,769,000	1	192,000	192,000
10-Apr-05	789,988,000	2	219,000	109,500
11-Apr-05	790,198,000	1	210,000	210,000
13-Apr-05	790,428,000	2	230,000	115,000
15-Apr-05	790,792,000	2	364,000	182,000
18-Apr-05	791,203,000	3	411,000	137,000
19-Apr-05	791,408,000	1	205,000	205,000
21-Apr-05	791,796,000	2	388,000	194,000
22-Apr-05	791,807,000	1	11,000	11,000
25-Apr-05	792,446,000	3	639,000	213,000
26-Apr-05	792,639,000	1	193,000	193,000
27-Apr-05	792,787,000	1	148,000	148,000
28-Apr-05	792,861,000	1	74,000	74,000
1-May-05	793,499,000	3	638,000	212,667
2-May-05	793,699,000	1	200,000	200,000
3-May-05	793,910,000	1	211,000	211,000
4-May-05	794,111,000	1	201,000	201,000
5-May-05	794,141,000	1	30,000	30,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
6-May-05	794,357,000	1	216,000	216,000
9-May-05	794,982,000	3	625,000	208,333
10-May-05	795,146,000	1	164,000	164,000
11-May-05	795,223,000	1	77,000	77,000
12-May-05	795,436,000	1	213,000	213,000
16-May-05	796,264,000	4	828,000	207,000
17-May-05	796,424,000	1	160,000	160,000
18-May-05	796,488,000	1	64,000	64,000
23-May-05	797,531,000	5	1,043,000	208,600
27-May-05	798,354,000	4	823,000	205,750
28-May-05	798,661,000	1	307,000	307,000
29-May-05	799,017,000	1	356,000	356,000
31-May-05	799,488,000	2	471,000	235,500
1-Jun-05	799,737,000	1	249,000	249,000
3-Jun-05	800,182,000	2	445,000	222,500
6-Jun-05	800,883,000	3	701,000	233,667
7-Jun-05	801,091,000	1	208,000	208,000
13-Jun-05	802,273,000	6	1,182,000	197,000
14-Jun-05	802,497,000	1	224,000	224,000
17-Jun-05	803,214,000	3	717,000	239,000
21-Jun-05	804,323,000	4	1,109,000	277,250
22-Jun-05	804,564,000	1	241,000	241,000
27-Jun-05	806,440,000	5	1,876,000	375,200
4-Jul-05	809,307,000	7	2,867,000	409,571
5-Jul-05	809,717,000	1	410,000	410,000
7-Jul-05	810,807,000	2	1,090,000	545,000
9-Jul-05	811,936,000	2	1,129,000	564,500
10-Jul-05	812,469,000	1	533,000	533,000
11-Jul-05	813,004,000	1	535,000	535,000
12-Jul-05	813,438,000	1	434,000	434,000
13-Jul-05	813,999,000	1	561,000	561,000
17-Jul-05	816,293,000	4	2,294,000	573,500
18-Jul-05	816,857,000	1	564,000	564,000
19-Jul-05	817,474,000	1	617,000	617,000
20-Jul-05	818,147,000	1	673,000	673,000
21-Jul-05	818,818,000	1	671,000	671,000
22-Jul-05	819,422,000	1	604,000	604,000
23-Jul-05	820,070,000	1	648,000	648,000
24-Jul-05	820,661,000	1	591,000	591,000
26-Jul-05	821,930,000	2	1,269,000	634,500
1-Aug-05	825,601,000	6	3,671,000	611,833
2-Aug-05	826,131,000	1	530,000	530,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
3-Aug-05	826,461,000	1	330,000	330,000
4-Aug-05	826,944,000	1	483,000	483,000
5-Aug-05	827,490,000	1	546,000	546,000
8-Aug-05	829,124,000	3	1,634,000	544,667
9-Aug-05	829,651,000	1	527,000	527,000
12-Aug-05	830,149,000	3	498,000	166,000
13-Aug-05	830,740,000	1	591,000	591,000
16-Aug-05	833,237,000	3	2,497,000	832,333
17-Aug-05	833,796,000	1	559,000	559,000
18-Aug-05	834,105,000	1	309,000	309,000
23-Aug-05	835,538,000	5	1,433,000	286,600
24-Aug-05	835,989,000	1	451,000	451,000
26-Aug-05	837,183,000	2	1,194,000	597,000
27-Aug-05	837,731,000	1	548,000	548,000
28-Aug-05	838,094,000	1	363,000	363,000
29-Aug-05	838,519,000	1	425,000	425,000
31-Aug-05	839,490,000	2	971,000	485,500
1-Sep-05	839,881,000	1	391,000	391,000
2-Sep-05	840,444,000	1	563,000	563,000
3-Sep-05	840,771,000	1	327,000	327,000
7-Sep-05	842,680,000	4	1,909,000	477,250
8-Sep-05	843,120,000	1	440,000	440,000
9-Sep-05	843,670,000	1	550,000	550,000
10-Sep-05	843,995,000	1	325,000	325,000
12-Sep-05	844,673,000	2	678,000	339,000
13-Sep-05	844,964,000	1	291,000	291,000
21-Sep-05	847,152,000	8	2,188,000	273,500
22-Sep-05	847,551,000	1	399,000	399,000
23-Sep-05	847,731,000	1	180,000	180,000
26-Sep-05	849,336,000	3	1,605,000	535,000
3-Oct-05	852,622,000	7	3,286,000	469,429
19-Oct-05	860,590,000	16	7,968,000	498,000
20-Oct-05	860,938,000	1	348,000	348,000
24-Oct-05	861,435,000	4	497,000	124,250
25-Oct-05	861,627,000	1	192,000	192,000
26-Oct-05	861,664,000	1	37,000	37,000
27-Oct-05	862,077,000	1	413,000	413,000
31-Oct-05	862,511,000	4	434,000	108,500
1-Nov-05	862,582,000	1	71,000	71,000
2-Nov-05	862,788,000	1	206,000	206,000
3-Nov-05	862,826,000	1	38,000	38,000
4-Nov-05	863,101,000	1	275,000	275,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
8-Nov-05	863,612,000	4	511,000	127,750
13-Nov-05	864,516,000	5	904,000	180,800
1-Feb-06	877,456,000	80	12,940,000	161,750
2-Feb-06	877,505,000	1	49,000	49,000
3-Feb-06	877,690,000	1	185,000	185,000
6-Feb-06	878,178,000	3	488,000	162,667
7-Feb-06	878,263,000	1	85,000	85,000
8-Feb-06	878,461,000	1	198,000	198,000
10-Feb-06	878,729,000	2	268,000	134,000
13-Feb-06	879,183,000	3	454,000	151,333
14-Feb-06	879,387,000	1	204,000	204,000
17-Feb-06	879,901,000	3	514,000	171,333
21-Feb-06	880,547,000	4	646,000	161,500
23-Feb-06	880,800,000	2	253,000	126,500
1-Mar-06	881,688,000	6	888,000	148,000
2-Mar-06	881,888,000	1	200,000	200,000
3-Mar-06	882,101,000	1	213,000	213,000
6-Mar-06	882,541,000	3	440,000	146,667
7-Mar-06	882,742,000	1	201,000	201,000
10-Mar-06	883,187,000	3	445,000	148,333
13-Mar-06	883,633,000	3	446,000	148,667
14-Mar-06	883,840,000	1	207,000	207,000
16-Mar-06	884,096,000	2	256,000	128,000
20-Mar-06	884,791,000	4	695,000	173,750
22-Mar-06	885,037,000	2	246,000	123,000
24-Mar-06	885,446,000	2	409,000	204,500
27-Mar-06	885,923,000	3	477,000	159,000
28-Mar-06	886,065,000	1	142,000	142,000
31-Mar-06	886,742,000	3	677,000	225,667
3-Apr-06	887,008,000	3	266,000	88,667
4-Apr-06	887,275,000	1	267,000	267,000
6-Apr-06	887,522,000	2	247,000	123,500
7-Apr-06	887,749,000	1	227,000	227,000
10-Apr-06	888,194,000	3	445,000	148,333
17-Apr-06	889,599,600	7	1,405,600	200,800
1-Jun-06	900,114,000	45	10,514,400	233,653
2-Jun-06	900,610,000	1	496,000	496,000
4-Jun-06	901,398,000	2	788,000	394,000
5-Jun-06	901,739,000	1	341,000	341,000
7-Jun-06	902,504,000	2	765,000	382,500
9-Jun-06	903,061,000	2	557,000	278,500
12-Jun-06	903,868,000	3	807,000	269,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
14-Jun-06	904,775,000	2	907,000	453,500
17-Jun-06	905,460,000	3	685,000	228,333
19-Jun-06	906,242,000	2	782,000	391,000
21-Jun-06	906,898,000	2	656,000	328,000
23-Jun-06	907,633,000	2	735,000	367,500
26-Jun-06	909,145,000	3	1,512,000	504,000
28-Jun-06	910,316,000	2	1,171,000	585,500
29-Jun-06	910,783,000	1	467,000	467,000
30-Jun-06	911,158,000	1	375,000	375,000
1-Jul-06	911,564,000	1	406,000	406,000
4-Jul-06	913,195,000	3	1,631,000	543,667
6-Jul-06	913,575,000	2	380,000	190,000
8-Jul-06	915,029,000	2	1,454,000	727,000
11-Jul-06	915,893,000	3	864,000	288,000
13-Jul-06	916,779,000	2	886,000	443,000
15-Jul-06	917,699,000	2	920,000	460,000
17-Jul-06	918,792,000	2	1,093,000	546,500
19-Jul-06	919,902,000	2	1,110,000	555,000
20-Jul-06	920,761,000	1	859,000	859,000
21-Jul-06	921,441,000	1	680,000	680,000
23-Jul-06	922,788,000	2	1,347,000	673,500
24-Jul-06	923,285,000	1	497,000	497,000
25-Jul-06	924,011,000	1	726,000	726,000
26-Jul-06	924,526,000	1	515,000	515,000
29-Jul-06	926,332,000	3	1,806,000	602,000
31-Jul-06	927,376,000	2	1,044,000	522,000
1-Aug-06	928,232,000	1	856,000	856,000
4-Aug-06	929,158,000	3	926,000	308,667
6-Aug-06	929,973,000	2	815,000	407,500
9-Aug-06	931,533,000	3	1,560,000	520,000
13-Aug-06	933,605,000	4	2,072,000	518,000
17-Aug-06	935,561,000	4	1,956,000	489,000
18-Aug-06	936,106,000	1	545,000	545,000
19-Aug-06	936,662,000	1	556,000	556,000
20-Aug-06	937,201,000	1	539,000	539,000
22-Aug-06	938,304,000	2	1,103,000	551,500
24-Aug-06	939,358,000	2	1,054,000	527,000
26-Aug-06	940,393,000	2	1,035,000	517,500
27-Aug-06	940,722,000	1	329,000	329,000
28-Aug-06	941,164,000	1	442,000	442,000
30-Aug-06	942,003,000	2	839,000	419,500
31-Aug-06	942,368,000	1	365,000	365,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
1-Sep-06	942,823,000	1	455,000	455,000
2-Sep-06	943,316,000	1	493,000	493,000
4-Sep-06	944,242,000	2	926,000	463,000
6-Sep-06	945,137,000	2	895,000	447,500
7-Sep-06	945,658,000	1	521,000	521,000
8-Sep-06	946,026,000	1	368,000	368,000
10-Sep-06	946,940,000	2	914,000	457,000
11-Sep-06	947,447,000	1	507,000	507,000
12-Sep-06	947,791,000	1	344,000	344,000
14-Sep-06	948,649,000	2	858,000	429,000
18-Sep-06	949,992,000	4	1,343,000	335,750
19-Sep-06	950,169,000	1	177,000	177,000
20-Sep-06	950,355,000	1	186,000	186,000
21-Sep-06	950,612,000	1	257,000	257,000
25-Sep-06	951,285,000	4	673,000	168,250
26-Sep-06	951,592,000	1	307,000	307,000
28-Sep-06	951,879,000	2	287,000	143,500
2-Jan-07	968,577,000	96	16,698,000	173,938
3-Jan-07	968,760,000	1	183,000	183,000
4-Jan-07	968,783,000	1	23,000	23,000
6-Jan-07	969,195,000	2	412,000	206,000
8-Jan-07	969,466,000	2	271,000	135,500
9-Jan-07	969,692,000	1	226,000	226,000
10-Jan-07	969,745,000	1	53,000	53,000
11-Jan-07	969,903,000	1	158,000	158,000
15-Jan-07	970,565,000	4	662,000	165,500
16-Jan-07	970,752,000	1	187,000	187,000
17-Jan-07	970,960,000	1	208,000	208,000
18-Jan-07	971,026,000	1	66,000	66,000
19-Jan-07	971,231,000	1	205,000	205,000
22-Jan-07	971,731,000	3	500,000	166,667
23-Jan-07	971,920,000	1	189,000	189,000
24-Jan-07	971,978,000	1	58,000	58,000
25-Jan-07	972,184,000	1	206,000	206,000
26-Jan-07	972,387,000	1	203,000	203,000
31-Jan-07	973,338,000	5	951,000	190,200
2-Feb-07	973,574,000	2	236,000	118,000
6-Feb-07	974,449,000	4	875,000	218,750
7-Feb-07	974,595,000	1	146,000	146,000
8-Feb-07	974,717,000	1	122,000	122,000
9-Feb-07	974,947,000	1	230,000	230,000
11-Feb-07	975,407,000	2	460,000	230,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
12-Feb-07	975,622,000	1	215,000	215,000
13-Feb-07	975,847,000	1	225,000	225,000
14-Feb-07	976,010,000	1	163,000	163,000
15-Feb-07	976,182,000	1	172,000	172,000
20-Feb-07	977,294,000	5	1,112,000	222,400
21-Feb-07	977,435,000	1	141,000	141,000
22-Feb-07	977,579,000	1	144,000	144,000
23-Feb-07	977,835,000	1	256,000	256,000
28-Feb-07	978,914,000	5	1,079,000	215,800
1-Mar-07	978,997,000	1	83,000	83,000
2-Mar-07	979,237,000	1	240,000	240,000
5-Mar-07	979,898,000	3	661,000	220,333
10-Mar-07	980,991,000	5	1,093,000	218,600
11-Mar-07	981,206,000	1	215,000	215,000
12-Mar-07	981,419,000	1	213,000	213,000
14-Mar-07	982,116,000	2	697,000	348,500
20-Mar-07	983,072,000	6	956,000	159,333
21-Mar-07	983,314,000	1	242,000	242,000
22-Mar-07	983,518,000	1	204,000	204,000
23-Mar-07	983,753,000	1	235,000	235,000
30-Mar-07	985,258,000	7	1,505,000	215,000
31-Mar-07	985,358,000	1	100,000	100,000
1-Apr-07	985,535,000	1	177,000	177,000
2-Apr-07	985,796,000	1	261,000	261,000
6-Apr-07	986,760,000	4	964,000	241,000
8-Apr-07	987,585,000	2	825,000	412,500
9-Apr-07	987,827,000	1	242,000	242,000
10-Apr-07	988,017,000	1	190,000	190,000
11-Apr-07	988,241,000	1	224,000	224,000
12-Apr-07	988,368,000	1	127,000	127,000
15-Apr-07	989,062,000	3	694,000	231,333
18-Apr-07	989,587,000	3	525,000	175,000
20-Apr-07	989,975,000	2	388,000	194,000
24-Apr-07	990,615,000	4	640,000	160,000
30-Apr-07	991,839,000	6	1,224,000	204,000
2-May-07	992,346,000	2	507,000	253,500
4-May-07	992,877,000	2	531,000	265,500
8-May-07	993,898,000	4	1,021,000	255,250
9-May-07	994,098,000	1	200,000	200,000
10-May-07	994,382,000	1	284,000	284,000
11-May-07	994,695,000	1	313,000	313,000
12-May-07	994,985,000	1	290,000	290,000

Date	Total Gallons Pumped	No. Days in Period	Gallons per Period	Gallons per Day
17-May-07	996,906,000	5	1,921,000	384,200
18-May-07	997,202,000	1	296,000	296,000
19-May-07	997,772,000	1	570,000	570,000
23-May-07	999,123,000	4	1,351,000	337,750
27-May-07	431,000	4	1,308,000	327,000
30-May-07	1,484,000	3	1,053,000	351,000
1-Jun-07	2,414,000	2	930,000	465,000
2-Jun-07	3,375,000	1	961,000	961,000
3-Jun-07	3,914,000	1	539,000	539,000
4-Jun-07	4,648,000	1	734,000	734,000
6-Jun-07	5,589,000	2	941,000	470,500
8-Jun-07	6,156,000	2	567,000	283,500
12-Jun-07	7,646,000	4	1,490,000	372,500
13-Jun-07	8,002,000	1	356,000	356,000
15-Jun-07	8,989,000	2	987,000	493,500
19-Jun-07	11,007,000	4	2,018,000	504,500
22-Jun-07	12,454,000	3	1,447,000	482,333
23-Jun-07	13,107,000	1	653,000	653,000
24-Jun-07	13,677,000	1	570,000	570,000
26-Jun-07	14,879,000	2	1,202,000	601,000
28-Jun-07	16,239,000	2	1,360,000	680,000
29-Jun-07	16,823,000	1	584,000	584,000
1-Jul-07	17,929,000	2	1,106,000	553,000
2-Jul-07	18,532,000	1	603,000	603,000
3-Jul-07	19,244,000	1	712,000	712,000
4-Jul-07	19,998,000	1	754,000	754,000
5-Jul-07	20,939,000	1	941,000	941,000
6-Jul-07	21,659,000	1	720,000	720,000
8-Jul-07	23,134,000	2	1,475,000	737,500
9-Jul-07	23,739,000	1	605,000	605,000
11-Jul-07	25,234,000	2	1,495,000	747,500
15-Jul-07	28,223,000	4	2,989,000	747,250
22-Jul-07	33,069,000	7	4,846,000	692,286

APPENDIX B

SOURCE & STORAGE EVALUATION

SUNRISE ENGINEERING

TOWN OF ALPINE WATER SYSTEM
Source and Storage Evaluation

SUNRISE ENGINEERING

1) EXISTING WATER USE

Number of ERUs:	400			
Average Daily Demand[1]:	283,615	gpd	709	gpd/eru
Maximum Daily Demand[1]:	840,833	gpd	2,102	gpd/eru
Fire Flow Requirment[2]:	180,000	gallons		

2) EXISTING SOURCES

Source Name	Source Capacity (gpm)	(gpd)
Alpine Well No. 1	350	504,000
Alpine Well No. 2	350	504,000
total:	700	1,008,000

Notes:

ERU (Equivalent Residential Unit)

[1] Average and maximum daily demand based on well house meter read almost daily.

[2] 1,500 gpm for 2 hour duration

[3] WDEQ Water Quality Rules and Regulations Chapter 12, Section 9(b)(i)

[4] WDEQ Water Quality Rules and Regulations Chapter 12, Section 13(a)(i)

3) EXISTING STORAGE

Reservoir Name	Capacity (gallons)
Alpine Tank	250,000
Alpine Tank	500,000
total:	750,000

4) WYOMING DEQ COMPLIANCE

	Yes/No	Excess/Deff.	
Is source capacity greater than maximum daily demand?[3]	Yes	167,167	gpd
		80	eru
Are sources and storage capable of exceeding the average daily demand with the largest source out of service?[3]	Yes	970,385	gpd
If there is only one source, is storage equal to twice the maximum daily demand?[3]	N/A		gallons
For average daily demand less than 50,000 gallons, does storage equal average daily demand.[4]	N/A		gallons
For average daily demand between 50,000 and 500,000 gallons, does storage equal average daily demand plus fire flow.[4]	Yes	286,385	gallons
For average daily demand greater than 500,000 gallons, does storage equal 25% of maximum daily demand plus fire flow.[4]	N/A		gallons

APPENDIX C

WATER WELL STATEMENTS OF COMPLETION

SUNRISE ENGINEERING

RECEIVED JAN 26 1979 STATE ENGINEER Cheyenne

RECEIVED FEB 7 1979 STATE ENGINEER Cheyenne, Wyo.

MICRO FILMED MAR 26 '80

MICRO-FILMED JUL 11 '79

W. 6

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

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15, PAGE 4

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL

T NO. U.W. 39163 NAME OF WELL Alpine Water District #1

ME OF OWNER ~~Alpine Water and Sewer District~~ Town of Alpine

DRESS ~~PO Box 3~~ P.O. Box 239 Alpine, Wyoming Zip Code 83128

E OF WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☒ Industrial ☐ Miscellaneous ☐
A water district serving commercial and residential dwellings

CATION OF WELL: NW ¼ NW ¼ of Section 33, T. 37 N., R. 118 W., of the 6th P.M. (or W.R.M.),

oming, being specifically
(Bearing and Distance)

80 ft. ~~North~~ South and 450 ft. East ~~West~~ from the NW corner of Section 33, T. 37 N., R. 118 W.
rike out words not needed).

PE OF CONSTRUCTION: Drilled ☒ Rotary (Type of Rig) Dug ☐ Driven ☐ Jetted ☐

ler

NSTRUCTION: Total Depth 275 ft. Depth to Water Level 60 ft.

Casing Schedule New ☒ Used ☐

10.136" Inside diameter from 0 ft. to 270 ft. Material steel Gage .307"

____ diameter from ____ ft. to ____ ft. Material ____ Gage ____

____ diameter from ____ ft. to ____ ft. Material ____ Gage ____

Perforations: Type of perforator used Acetylene Torch

Size of perforations ½ inches by 6 inches.

Number of perforations and depths where perforated:

3 sets perforations from 180 ft. to 275 feet.

____ perforations from ____ ft. to ____ feet.

Was well screen installed? Yes ☐ No ☒

Diameter: ____ slot size: ____ set from ____ feet to ____ feet.

Diameter: ____ slot size: ____ set from ____ feet to ____ feet.

Was well gravel packed? Yes ☒ No ☐ Size of gravel ¼" minimum to ½" maximum

Was surface casing used Yes ☒ No ☐ Was it cemented in place? Yes ☐ No ☒

ME & ADDRESS OF DRILLER MCO Drilling Co., Inc. PO Box 13, Alpine, Wyoming 83128

TE OF COMPLETION OF WELL (including pump installation) December 4, 1978

MP INFORMATION: Manufacturer Jacuzzi Brothers, Inc. Type Submersible

rce of power 480 volt - 3 phase supplied by Lower Valley Power & Light Horsepower 50 Depth of Pump Setting 175'

ount of Water Being Pumped ~~300~~ 200 Gallons Per Minute.
ngp

No. U.W. 39163 Book No. 206 Page No. 50

VELL IS TO BE ABANDONED, complete Items 1 through 8, Item 12 (Log of Well) and state reason for abandonment w.

; the responsibility of the owner to properly plug or fill in the well in order to prevent contamination of ground water to cover or cap the well at ground level.

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, nd complete.

Peter M. Jorgensen, Consulting Engineer — January 9, 1979

Signature of Owner or Authorized Agent — Date

Receipt JAN 10 1979, 19____

FEB 7 1979 DW

Priority July 20, 19 77

Approval June 28, 19 79

for State Engineer

of Wyoming)
ss
y of Teton)

I , Peter M. Jorgensen, hereby certify that Alpine Water District No. 1 well was com- d and the pump installed December 4, 1978.

Peter M. Jorgensen, Agent for Alpine Water and Sewer District

The foregoing instrument was acknowledged before me by Peter M. Jorgensen this 31st f January, 1979.

Witness my hand and official seal.

Mary S. Gray
Notary Public

mmission expires: March 31, 1980

ULATION

for irrigation, the land proposed to be irrigated should be described in the following tabulation. Describe in the Remarks" section, under Item 14, the means of conveying the water to the lands and the method of irrigation.

Give irrigable acreage in each legal subdivision. If proposed use is for supplemental supply for lands with a right from nother source, indicate in the tabulation the priority or permit number, the source of supply and the name of the ditch r other well.)

f not used for irrigation, show the area and point(s) of use and location of well in the tabulation below. Also describe he method of conveyance in the "Remarks" section under Item 14.

Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

TOTAL NUMBER OF ACRES TO BE IRRIGATED_____

Original Supply_____acres

Supplemental Supply_____acres

AT

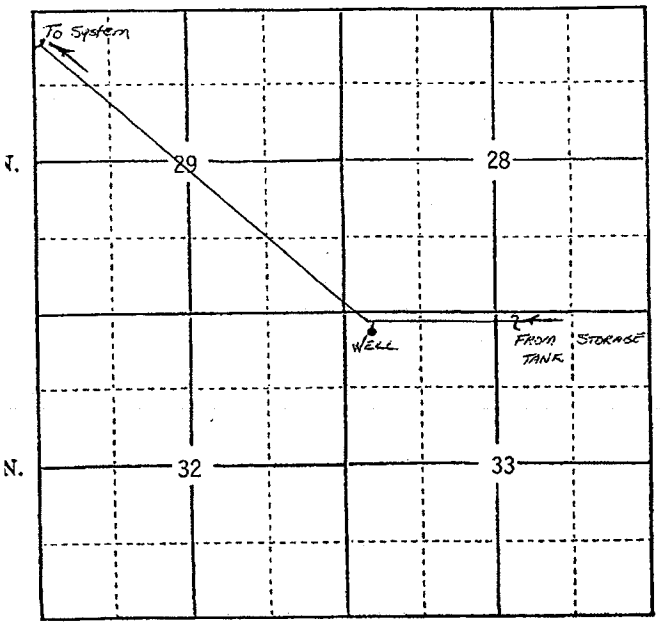
If the well is to be used for irrigation, industrial, miscellaneous or municipal use, show the location of the well on the plat below. For such uses, a plat certified by a licensed engineer or land surveyor is required to be submitted at the time the Proof of Appropriation and Beneficial Use of Ground Water is submitted.

For other uses, accurately show the well location, point of use or uses and describe method of conveyance of water to points of use on plat and in "Remarks" section below. Make certain location on plat agrees with written description.

A separate map may be submitted if the information required cannot be shown on this plat.

R. 118 W. R. 118 W.

Scale: 2" = 1 Mile



REMARKS: The Alpine Well #1 is connected to the existing water distribution system serving Alpine, Wyoming. This system includes a 40,000 gallon storage tank which supplies water through gravity flow.

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

MICRO FILMED MAR 26 '90

MICRO FILMED JUL 13 '89

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)ONED, SEE
5, PAGE 4

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

T NO. U.W. 77717 NAME OF WELL Alpine Water & Sewer District Well #2

E OF OWNER ~~ALPINE WATER & SEWER DISTRICT~~ Town of Alpine

ESS P.O. Box ~~lot~~ 239 Alpine, Wyo Zip Code 83128

)F WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☒ Industrial ☐ Miscellaneous ☐

TION OF WELL: NW¼ NW¼ of Section 33, T. 37 N., R. 118 W., of the 6th P.M. (or ~~W.R.M.~~),

ning, being specifically South 80° 26' 56" EAST 769.5' (Bearing and Distance)

____ ft. ~~North~~ ~~South~~ and ____ ft. ~~East~~ ~~West~~ from the NW corner of Section 33, T. 37 N., R. 118 W.
(Cross out words not needed).

)F CONSTRUCTION: Drilled ☐ CABLE TOOL (Type of Rig) Dug ☐ Driven ☒ Jetted ☐

STRUCTION: Total Depth of Well 243 ft. Depth to Static Water Level 85'6" ft.

asing Schedule New ☒ Used ☐ * Pitless Adapter From ground level to 7' Depth.

2 3/4" diameter from 9' ft. to 42' ft. Material STEEL Gage .250

10 3/4" diameter from 7' ft. to 147' ft. Material STEEL Gage .366

____ diameter from ____ ft. to ____ ft. Material ____ Gage ____

RECEIVED DEC 12 1988 STATE ENGINEER CHEYENNE, WYO.

erforations: Type of perforator used KNIFE - MILLS-

ize of perforations 3/8" inches by 1½" inches.

umber of perforations and depths where perforated:

8 eq perforations from 101 ft. to 102 feet, 106, 108, 110, 136, 138, 140, 142, 144, end.

____ perforations from ____ ft. to ____ feet.

* 8 perforation at each of Above Levels.

Was well screen installed? Yes ☒ No ☐

iameter: ____ slot size: ____ set from ____ feet to ____ feet.

iameter: ____ slot size: ____ set from ____ feet to ____ feet.

Was well gravel packed? Yes ☐ No ☒ Size of gravel ____

Was surface casing used? Yes ☒ No ☐ Was it cemented in place? Yes ☒ No ☐ Pitless Adapter

ME & ADDRESS OF DRILLER WEBER Drilling - 1240 - Gregory Lane Jackson, Wy 83001

TE OF COMPLETION OF WELL (including pump installation) 12-1-88

MP INFORMATION: Manufacturer Red Jacket. Type Submersible

ource of power 460 Volt 3 phase Horsepower 40 HP. Depth of Pump Setting 156'

mount of Water Being Pumped ~~350~~ 375 GPM. Gallons Per Minute. (For springs or flowing wells, see item 11.)
(Adj. Amt.)

Permit No. U.W. 77717 Book No. 558 Page No. 18

UWI

MP TEST: Was a pump test made? Yes ☒ No ☐

io, by whom WEBER Drilling - (Torman) Address 1240 Gregory Lane Jackson. Wy 83001

ıld: 330 gal./min. with 14' foot drawdown after 5 hours.

ıld: 412 gal./min. with 31' foot drawdown after 3 hours.

OWING WELL (Owner is responsible for control of flowing well). N/A.

well yields artesian flow, yield is — gal./min. Surface pressure is — lb./sq. inch, or — feet of water.

e flow is controlled by: valve ☐ cap ☐ plug ☐

)es well leak around casing? Yes ☐ No ☐

)G OF WELL: Total depth drilled 243' feet.

Depth of completed well 243' feet. Diameter of well 12 3/4 - to 10 3/4 inches. to 42' 42' to 147' — open hole to 243'

Depth to first water bearing formation 88' - 95' feet.

Depth to principal water bearing formation. Top 147' feet to Bottom 243' feet.

round Elevation, if known 5700' Approx elevation

To Feet	Material Type, Texture, Color	REMARKS (Cementing, Shutoff, Packing, etc.)	Indicate Water Bearing Formation	Indicate Perforated Casing Location
		See Attached Information		

LITY OF WATER INFORMATION:

a chemical analysis made? Yes ☐ No ☐

so, please include a copy of the analysis with this form.

not, do you consider the water as: Good ☒ Acceptable ☐ Poor ☐ Unusable ☐

JLATION

for irrigation, the land proposed to be irrigated should be described in the following tabulation. Describe in the Remarks" section, under Item 14, the means of conveying the water to the lands and the method of irrigation.

ive irrigable acreage in each legal subdivision. If proposed use is for additional supply for lands with a right from nother source, indicate in the tabulation the priority or permit number, the source of supply and the name of the ditch r other well.)

not used for irrigation, show the area and point(s) of use and location of well in the tabulation below. Also describe ne method of conveyance in the "Remarks" section under Item 14.

Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

TOTAL NUMBER OF ACRES TO BE IRRIGATED_____

Original Supply _____ acres

Additional Supply _____ acres

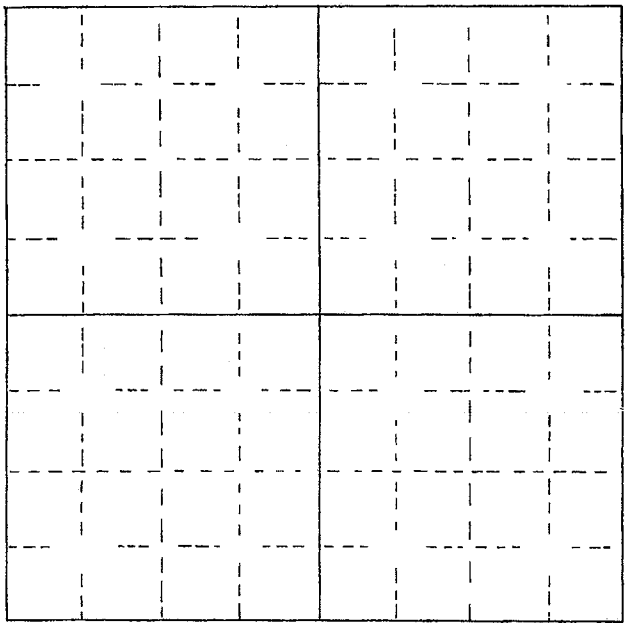
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f the well is to be used for irrigation, industrial, miscellaneous or municipal use, show the location of the well on the plat below. For such uses, a plat certified by a licensed engineer or land surveyor is required to be submitted at the time he Proof of Appropriation and Beneficial Use of Ground Water is submitted.

For other uses, accurately show the well location, point of use or uses and describe method of conveyance of water to points of use on plat and in "Remarks" section below. Make certain location on plat agrees with written description.

A separate map may be submitted if the information required cannot be shown on this plat. See ATTACHED MAP-

R._____W. R._____W.



Scale: 2" = 1 Mile

T._____N.

T._____N.

MARKS: WELL is to be USED together with Points of USE under permits UW 39163 AND 24104

17717

ELL IS TO BE ABANDONED, complete Items 1 through 8, Item 12 (Log of Well) and state reason for abandonment and ls of the plugging below.

he responsibility of the owner to properly plug or fill in the well in order to prevent contamination of ground water and ıver or cap the well at ground level.

er penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, ınd complete.

Pajaro Water & Sewer District

e of Owner or Authorized Agent

x June 2, 1989
Date

Receipt JUN 12 1989, 19

Priority JUNE 23, 1988

Approval JUNE 28, 1989

e Engineer

Statement Of Completion For

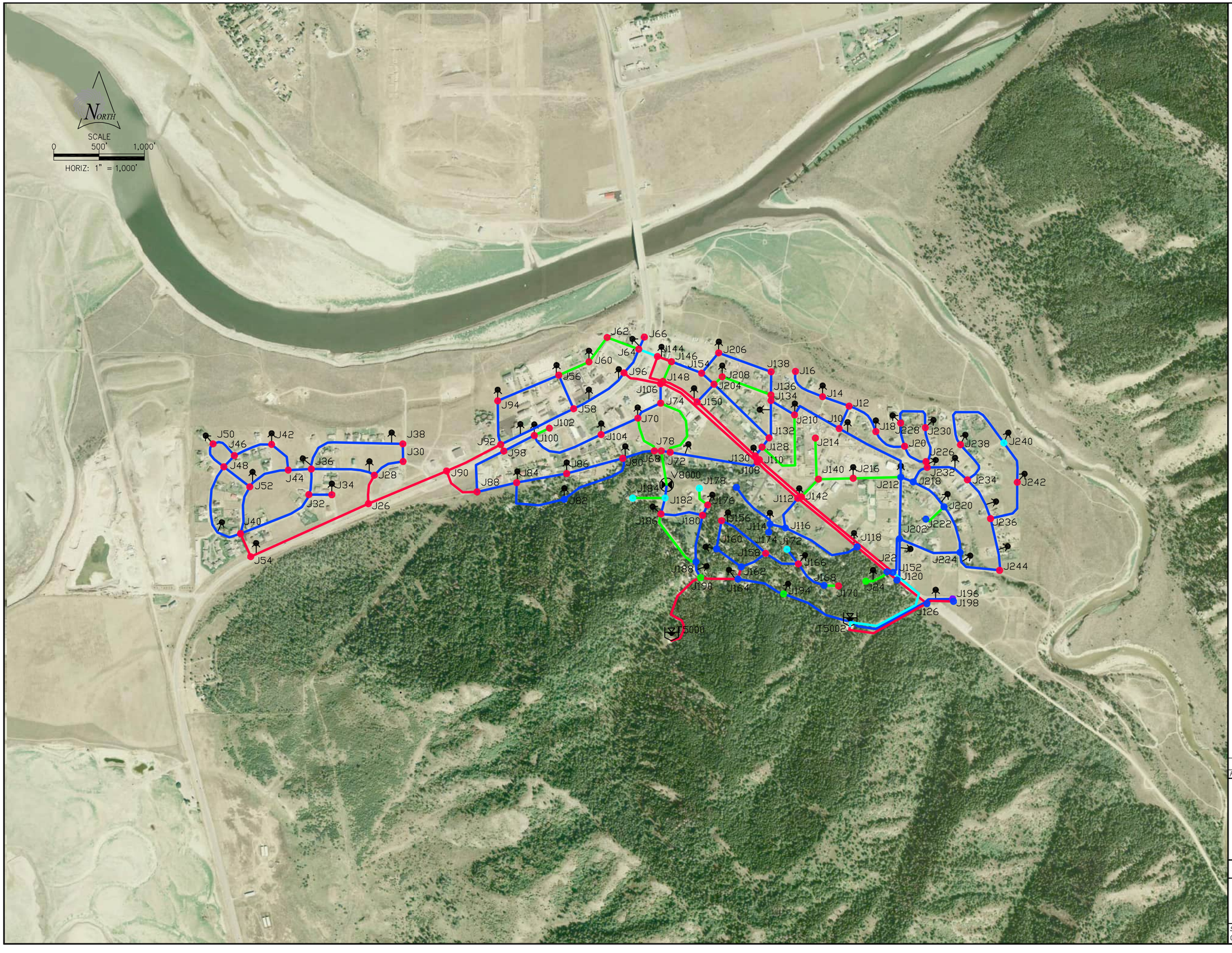
Alpine District Well No. 3

Not Available

APPENDIX D

WATER MODELING & DATA RESULTS

SUNRISE ENGINEERING



LEGEND

- PRESSURE JUNCTION
- WATER TANK
- SPRING SOURCE
- PRESSURE REDUCING VALVE
- FIRE HYDRANT
- PUMP

- 2-INCH WATERLINE
- 3-INCH WATERLINE
- 4-INCH WATERLINE
- 6-INCH WATERLINE
- 8-INCH WATERLINE
- 10-INCH WATERLINE
- 12-INCH WATERLINE
- 18-INCH WATERLINE

PRESSURE DURING PEAK DAY DEMAND

- LESS THAN 35 PSI
- 35 PSI TO 50 PSI
- 50 PSI TO 65 PSI
- 65 PSI TO 80 PSI
- 80 PSI TO 95 PSI
- 95 PSI TO 110 PSI
- GREATER THAN 110 PSI

REV NO.	COMMENT	DATE

SUNRISE ENGINEERING
47 EAST 4TH AVENUE / PO BOX 609
AFTON, WYOMING 83110
TEL 307.885.8500 · FAX 307.885.8501
www.sunrise-eng.com

WWDC

STAR VALLEY REGIONAL MASTER PLAN

H2ONET WATER MODEL
ALPINE WATER SYSTEM

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
02700	RVH	RVH	JJL	1 of 1

P:\WWDC Star Valley Regional Plan\B. Existing Systems\Dwg\Alpine\Alpine Water Model.dwg Sep 24, 2008 11:39am rhood01

Alpine - Pressure During Maximum Daily Demand

	ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
	J10	5.12	5,678	5,863	80
	J100	5.12	5,660	5,863	88
	J102	5.12	5,662	5,863	87
	J104	5.12	5,662	5,863	87
	J106	5.12	5,666	5,863	85
	J108	5.12	5,672	5,863	83
	J110	5.12	5,672	5,863	83
	J112	5.12	5,676	5,863	81
	J114	5.12	5,688	5,863	76
	J116	5.12	5,690	5,863	75
	J118	5.12	5,692	5,864	74
	J12	5.12	5,666	5,863	85
	J120	5.12	5,694	5,864	74
	J126	5.12	5,696	5,864	73
	J128	5.12	5,672	5,863	83
	J130	5.12	5,672	5,863	83
	J132	5.12	5,670	5,863	84
	J134	5.12	5,670	5,863	84
	J136	5.12	5,670	5,863	84
	J138	5.12	5,662	5,863	87
	J14	5.12	5,664	5,863	86
	J140	5.12	5,674	5,863	82
	J142	5.12	5,676	5,863	81
	J144	5.12	5,664	5,863	86
	J146	5.12	5,662	5,863	87
	J148	5.12	5,666	5,863	85
	J150	5.12	5,668	5,863	85
	J152	5.12	5,694	5,864	74
	J154	5.12	5,664	5,863	86
	J156	5.12	5,770	5,970	87
	J158	5.12	5,766	5,970	88
	J16	5.12	5,662	5,863	87
	J160	5.12	5,800	5,970	74
	J162	5.12	5,800	5,970	74
	J164	5.12	5,810	5,970	69
	J166	5.12	5,752	5,970	94
	J168	5.12	5,788	5,970	79
	J170	5.12	5,780	5,970	82
	J172	5.12	5,730	5,970	104
	J174	5.12	5,700	5,863	71
	J176	5.12	5,752	5,970	94

Alpine - Pressure During Maximum Daily Demand

	ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
	J178	5.12	5,740	5,970	100
	J18	5.12	5,668	5,863	85
	J180	5.12	5,762	5,970	90
	J182	5.12	5,740	5,970	100
	J184	5.12	5,732	5,970	103
	J186	5.12	5,752	5,970	94
	J188	5.12	5,810	5,970	69
	J190	5.12	5,832	5,970	60
	J194	5.12	5,830	5,970	61
	J196	5.12	5,694	5,970	119
	J198	5.12	5,694	5,864	74
	J20	5.12	5,654	5,863	91
	J202	5.12	5,684	5,864	78
	J204	5.12	5,668	5,863	85
	J206	5.12	5,660	5,863	88
	J208	5.12	5,666	5,863	85
	J210	5.12	5,672	5,863	83
	J212	5.12	5,682	5,863	79
	J214	5.12	5,674	5,863	82
	J216	5.12	5,678	5,863	80
	J218	5.12	5,682	5,863	79
	J22	5.12	5,694	5,864	74
	J220	5.12	5,686	5,863	77
	J222	5.12	5,686	5,863	77
	J224	5.12	5,688	5,863	76
	J226	5.12	5,660	5,863	88
	J228	5.12	5,652	5,863	92
	J230	5.12	5,654	5,863	91
	J232	5.12	5,660	5,863	88
	J234	5.12	5,658	5,863	89
	J236	5.12	5,660	5,863	88
	J238	5.12	5,656	5,863	90
	J24	5.12	5,720	5,864	62
	J240	5.12	5,638	5,863	98
	J242	5.12	5,648	5,863	93
	J244	5.12	5,666	5,863	86
	J246	5.12	5,700	5,863	71
	J26	5.12	5,654	5,863	90
	J28	5.12	5,654	5,863	90
	J30	5.12	5,654	5,863	90
	J32	5.12	5,652	5,863	91

Alpine - Pressure During Maximum Daily Demand

	ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
	J34	5.12	5,652	5,863	91
	J36	5.12	5,654	5,863	90
	J38	5.12	5,654	5,863	90
	J40	5.12	5,650	5,863	92
	J42	5.12	5,652	5,863	91
	J44	5.12	5,654	5,863	90
	J46	5.12	5,652	5,863	91
	J48	5.12	5,652	5,863	91
	J50	5.12	5,652	5,863	91
	J52	5.12	5,652	5,863	91
	J54	5.12	5,650	5,863	92
	J56	5.12	5,662	5,863	87
	J58	5.12	5,662	5,863	87
	J60	5.12	5,662	5,863	87
	J62	5.12	5,662	5,863	87
	J64	5.12	5,664	5,863	86
	J66	5.12	5,662	5,863	87
	J68	5.12	5,666	5,863	85
	J70	5.12	5,664	5,863	86
	J72	5.12	5,666	5,863	85
	J74	5.12	5,664	5,863	86
	J78	5.12	5,666	5,863	85
	J80	5.12	5,664	5,863	86
	J82	5.12	5,694	5,863	73
	J84	5.12	5,664	5,863	86
	J86	5.12	5,664	5,863	86
	J88	5.12	5,664	5,863	86
	J90	5.12	5,656	5,863	90
	J92	5.12	5,660	5,863	88
	J94	5.12	5,660	5,863	88
	J96	5.12	5,664	5,863	86
	J98	5.12	5,660	5,863	88

Alpine - Available Fire Flow During Maximum Daily Demand

	ID	Available Flow @Hydrant (gpm)	Critical Node 1 ID	Critical Node 1 Pressure (psi)	Critical Node 2 ID	Critical Node 2 Pressure (psi)	Design Flow (gpm)
	J10	2,948	J24	59	J10	20	2,951
	J100	2,232	J24	59	J102	19	2,216
	J104	2,258	J24	59	J104	20	2,259
	J108	4,721	J24	59	J82	13	4,284
	J112	4,173	J24	58	J246	14	3,821
	J114	2,157	J246	56	J246	15	2,041
	J118	3,900	J24	58	J118	20	3,910
	J126	4,872	J24	59	J24	20	4,878
	J134	3,432	J24	59	J134	20	3,437
	J14	1,978	J24	59	J14	20	1,978
	J146	3,729	J24	59	J146	20	3,734
	J150	3,879	J24	59	J150	20	3,885
	J156	2,072	J194	49	J160	18	2,021
	J160	1,926	J194	49	J160	20	1,927
	J164	2,299	J194	49	J194	11	2,064
	J166	1,751	J194	49	J168	4	1,538
	J176	1,817	J190	51	J176	20	1,817
	J18	2,573	J24	59	J18	20	2,574
	J186	1,770	J190	51	J186	20	1,770
	J194	1,293	J194	35	J194	20	1,293
	J202	4,267	J24	59	J202	20	4,275
	J208	2,135	J24	59	J208	20	2,136
	J212	3,347	J24	59	J212	20	3,351
	J216	1,469	J216	50	J216	20	1,470
	J220	2,532	J24	59	J222	20	2,534
	J224	2,769	J24	59	J224	20	2,771
	J228	2,602	J24	59	J228	20	2,604
	J230	2,539	J24	59	J230	20	2,541
	J232	3,116	J24	59	J232	20	3,118
	J234	2,480	J24	59	J234	20	2,481
	J236	2,372	J24	59	J236	20	2,373
	J238	1,997	J24	59	J238	20	1,998
	J24	954	J24	16	J24	20	954
	J240	1,965	J24	59	J240	20	1,965
	J242	2,002	J24	59	J242	20	2,003
	J244	2,391	J24	59	J244	20	2,392
	J28	1,887	J24	59	J28	20	1,887
	J34	1,503	J34	56	J34	20	1,503
	J36	1,785	J24	59	J36	20	1,785
	J38	1,650	J24	59	J38	20	1,651

Alpine - Available Fire Flow During Maximum Daily Demand

	ID	Available Flow @Hydrant (gpm)	Critical Node 1 ID	Critical Node 1 Pressure (psi)	Critical Node 2 ID	Critical Node 2 Pressure (psi)	Design Flow (gpm)
	J40	1,803	J24	59	J40	20	1,803
	J42	1,631	J24	59	J42	20	1,631
	J50	1,609	J24	59	J50	20	1,609
	J52	1,713	J24	59	J52	20	1,713
	J54	1,811	J24	59	J54	20	1,811
	J56	2,384	J24	59	J56	20	2,385
	J58	2,669	J24	59	J58	20	2,671
	J60	1,537	J60	55	J60	20	1,537
	J64	3,763	J24	59	J64	20	3,768
	J70	2,774	J24	59	J70	20	2,776
	J72	3,208	J24	59	J72	20	3,211
	J80	2,510	J82	58	J82	12	2,221
	J82	1,736	J82	52	J82	20	1,736
	J84	2,343	J82	58	J82	13	2,136
	J86	2,068	J82	58	J86	20	2,069
	J92	2,688	J24	59	J92	20	2,690
	J94	2,234	J24	59	J94	20	2,235
	J96	3,667	J24	59	J82	20	3,641

APPENDIX E

WATER QUALITY TEST RESULTS

SUNRISE ENGINEERING

Presence/Absence Coliform Analysis
Lincoln Water Quality Lab
PO Box 310 Afton, WY 83110
Phone (307) 885-9698 or (307) 885-9831

Type Supply	Water Source	Sample Type		Thiosulfate Used
☐ Public (EPA Monitored)	☐ Spring	☐ Routine	☐ Other	☒ Yes
☒ Private (Non-EPA)	☒ Well	☒ Special	☐ Non-certified NO3	☐ No
☐ Recreational (Pool, Spa, Etc.)	☐ Surface (Stream, Lake Etc.)	☐ Repeat	☐ Replacement	

Coliform $15.00 Non Certified Nitrate $10.00

Shaded areas are for Lab use only

Inc. #	Sample ID	EPA PWS#	Location	Sample Cond.	Date	Time	Chlorine Res	Sample Type	Results TC	Results EC	Results NO3	Final Analysis
34			Alpine Well (1)	Good	4-3-08	10:00	—		—	—		S
35			Alpine Well (2)	Good	4-3-08	10:20	—		—	—		S
36			Thayne Well	Good	4-3-08	11:09	—		—	—		S

Results To:

Name: Sunrise Engineering
Address: P.O. Box 609
City State Zip Afton Wy. 83110
Phone 307-885-8500
Fax 307-885-8501

Date Received: 04/03/08
Time Received: 1430
Collected By: John Roberts
Date Set Up: 04/03/08
Time Set Up: 1445
Analyst: [signature]
Date completed: 04/04/08
Time Completed: 1440
Media: Coliscan

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

ent: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
b ID: C08040245-001
ent Sample ID: Alpine Well 1

Report Date: 05/21/08
Collection Date: 04/03/08 09:45
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
JOR IONS							
alinity, Total as CaCO3	261	mg/L		1		A2320 B	04/07/08 21:13 / ljl
cium	76	mg/L		1		E200.7	04/15/08 08:31 / cp
oride	5	mg/L		1		A4500-Cl B	04/16/08 11:01 / jl
oride	0.3	mg/L		0.1		A4500-F C	04/08/08 13:45 / ljl
gnesium	23	mg/L		1		E200.7	04/15/08 08:31 / cp
ogen, Ammonia as N	ND	mg/L		0.1		E350.1	04/14/08 12:40 / eli-b
ogen, Kjeldahl, Total as N	ND	mg/L		0.5		E351.2	04/17/08 16:00 / eli-b
ogen, Nitrate+Nitrite as N	0.3	mg/L		0.1		E353.2	04/07/08 12:38 / jal
ogen, Organic	ND	mg/L		0.500		Calculation	04/25/08 13:54 / sec
ogen, Total	ND	mg/L		0.5		A4500-N A	04/19/08 17:53 / sec
assium	ND	mg/L		1		E200.7	04/15/08 08:31 / cp
ium	5	mg/L		1		E200.7	04/15/08 08:31 / cp
ate	9	mg/L		1		A4500-SO4 E	04/14/08 14:15 / jal
N-METALS							
sphorus, Total as P	0.01	mg/L		0.01		E365.1	04/11/08 10:58 / eli-h
YSICAL PROPERTIES							
ductivity	493	umhos/cm		1		A2510 B	04/07/08 12:09 / rw
dness as CaCO3	285	mg/L				A2340 B	04/21/08 10:51 / sec
	7.67	s.u.		0.01		A4500-H B	04/07/08 12:09 / rw
ds, Total Dissolved TDS @ 180 C	262	mg/L		10		A2540 C	04/07/08 17:51 / dd
TALS - TOTAL							
enic	0.001	mg/L		0.001		E200.8	04/20/08 17:12 / sml
per	0.06	mg/L		0.01		E200.8	04/20/08 17:12 / sml
	ND	mg/L		0.03		E200.7	04/15/08 08:31 / cp
l	ND	mg/L		0.05		E200.7	04/15/08 08:31 / cp
ganese	ND	mg/L		0.01		E200.7	04/15/08 08:31 / cp
	2.79	mg/L		0.01		E200.7	04/15/08 08:31 / cp
TA QUALITY							
Balance (± 5)	2.85	%				Calculation	04/21/08 11:35 / sw
ns	5.59	meq/L				Calculation	04/21/08 11:35 / sw
ons	5.91	meq/L				Calculation	04/21/08 11:35 / sw
ds, Total Dissolved Calculated	285	mg/L				Calculation	04/21/08 11:35 / sw
Balance (0.80 - 1.20)	0.920	dec. %				Calculation	04/21/08 11:35 / sw
GANIC CHARACTERISTICS							
anic Halides, Total	ND	mg Cl/L		0.1		SW9020B	04/09/08 13:59 / wen

ort RL - Analyte reporting limit. MCL - Maximum contaminant level.
nitions: QCL - Quality control limit. ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

ient: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
b ID: C08040245-001
ent Sample ID: Alpine Well 1

Report Date: 05/21/08
Collection Date: 04/03/08 09:45
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
)LATILE ORGANIC COMPOUNDS							
,1,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,1-Trichloroethane	ND	ug/L		0.50	200	E524.2	04/12/08 00:23 / jlr
,2,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,2-Trichloroethane	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
-Dichloroethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dichloroethene	ND	ug/L		0.50	7	E524.2	04/12/08 00:23 / jlr
-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,3-Trichlorobenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,3-Trichloropropane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,4-Trichlorobenzene	ND	ug/L		0.50	70	E524.2	04/12/08 00:23 / jlr
4-Trimethylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dibromo-3-chloropropane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dibromoethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dichlorobenzene	ND	ug/L		0.50	600	E524.2	04/12/08 00:23 / jlr
-Dichloroethane	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
-Dichloropropane	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
5-Trimethylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dichlorobenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Dichloropropane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
Dichlorobenzene	ND	ug/L		0.50	75	E524.2	04/12/08 00:23 / jlr
Dichloropropane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
hlorotoluene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
hlorotoluene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
zene	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
nobenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
nochloromethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
nodichloromethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
noform	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
nomethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
on tetrachloride	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
robenzene	ND	ug/L		0.50	100	E524.2	04/12/08 00:23 / jlr
rodibromomethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
roethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
roform	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
romethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
,2-Dichloroethene	ND	ug/L		0.50	70	E524.2	04/12/08 00:23 / jlr
,3-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
omomethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
lorodifluoromethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
lbenzene	ND	ug/L		0.50	700	E524.2	04/12/08 00:23 / jlr
achlorobutadiene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
ropylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr

ort
nitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

ient: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
.b ID: C08040245-001
ient Sample ID: Alpine Well 1

Report Date: 05/21/08
Collection Date: 04/03/08 09:45
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
)LATILE ORGANIC COMPOUNDS							
:p-Xylenes	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
thyl tert-butyl ether (MTBE)	ND	ug/L		2.0		E524.2	04/12/08 00:23 / jlr
thylene chloride	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
phthalene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
:utylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
'ropylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
ylene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
:opropyltoluene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
-Butylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
rene	ND	ug/L		0.50	100	E524.2	04/12/08 00:23 / jlr
-Butylbenzene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
rachloroethene	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
uene	ND	ug/L		0.50	1000	E524.2	04/12/08 00:23 / jlr
is-1,2-Dichloroethene	ND	ug/L		0.50	100	E524.2	04/12/08 00:23 / jlr
is-1,3-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
:hloroethene	ND	ug/L		0.50	5	E524.2	04/12/08 00:23 / jlr
:hlorofluoromethane	ND	ug/L		0.50		E524.2	04/12/08 00:23 / jlr
yl chloride	ND	ug/L		0.50	2	E524.2	04/12/08 00:23 / jlr
enes, Total	ND	ug/L		0.50	10000	E524.2	04/12/08 00:23 / jlr
alomethanes, Total	ND	ug/L		0.50	80	E524.2	04/12/08 00:23 / jlr
urr: Dibromofluoromethane	94.0	%REC		80-120		E524.2	04/12/08 00:23 / jlr
urr: p-Bromofluorobenzene	100	%REC		80-120		E524.2	04/12/08 00:23 / jlr
urr: Toluene-d8	102	%REC		80-120		E524.2	04/12/08 00:23 / jlr

ort
nitions: RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

ient: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
b ID: C08040245-002
ient Sample ID: Alpine Well 2

Report Date: 05/21/08
Collection Date: 04/03/08 10:15
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AJOR IONS							
alinity, Total as CaCO3	262	mg/L		1		A2320 B	04/07/08 21:20 / ljl
lcium	73	mg/L		1		E200.7	04/15/08 08:38 / cp
loride	4	mg/L		1		A4500-Cl B	04/16/08 11:02 / jl
oride	0.4	mg/L		0.1		A4500-F C	04/08/08 13:47 / ljl
gnesium	24	mg/L		1		E200.7	04/15/08 08:38 / cp
ogen, Ammonia as N	ND	mg/L		0.1		E350.1	04/14/08 12:41 / eli-b
ogen, Kjeldahl, Total as N	ND	mg/L		0.5		E351.2	04/17/08 16:02 / eli-b
ogen, Nitrate+Nitrite as N	0.2	mg/L		0.1		E353.2	04/07/08 12:40 / jal
ogen, Organic	ND	mg/L		0.500		Calculation	04/25/08 13:54 / sec
ogen, Total	ND	mg/L		0.5		A4500-N A	04/19/08 17:53 / sec
assium	ND	mg/L		1		E200.7	04/15/08 08:38 / cp
ium	2	mg/L		1		E200.7	04/15/08 08:38 / cp
fate	14	mg/L		1		A4500-SO4 E	04/11/08 14:45 / jal
N-METALS							
sphorus, Total as P	ND	mg/L		0.01		E365.1	04/11/08 11:01 / eli-h
YSICAL PROPERTIES							
ductivity	488	umhos/cm		1		A2510 B	04/07/08 12:12 / rw
dness as CaCO3	278	mg/L				A2340 B	04/21/08 10:51 / sec
	7.63	s.u.		0.01		A4500-H B	04/07/08 12:12 / rw
ds, Total Dissolved TDS @ 180 C	255	mg/L		10		A2540 C	04/07/08 17:52 / dd
TALS - TOTAL							
enic	0.001	mg/L		0.001		E200.8	04/20/08 17:17 / sml
per	ND	mg/L		0.01		E200.8	04/20/08 17:17 / sml
	ND	mg/L		0.03		E200.7	04/15/08 08:38 / cp
d	ND	mg/L		0.05		E200.7	04/15/08 08:38 / cp
nganese	ND	mg/L		0.01		E200.7	04/15/08 08:38 / cp
	0.17	mg/L		0.01		E200.7	04/15/08 08:38 / cp
TA QUALITY							
Balance (± 5)	0.217	%				Calculation	04/21/08 11:36 / sw
ns	5.65	meq/L				Calculation	04/21/08 11:36 / sw
ons	5.68	meq/L				Calculation	04/21/08 11:36 / sw
ds, Total Dissolved Calculated	283	mg/L				Calculation	04/21/08 11:36 / sw
Balance (0.80 - 1.20)	0.900	dec. %				Calculation	04/21/08 11:36 / sw
GANIC CHARACTERISTICS							
anic Halides, Total	ND	mg Cl/L		0.1		SW9020B	04/09/08 14:32 / wen

ort nitions: RL - Analyte reporting limit. QCL - Quality control limit.
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LABORATORY ANALYTICAL REPORT

ent: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
b ID: C08040245-002
ent Sample ID: Alpine Well 2

Report Date: 05/21/08
Collection Date: 04/03/08 10:15
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
LATILE ORGANIC COMPOUNDS							
,1,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
,1-Trichloroethane	ND	ug/L		0.50	200	E524.2	04/12/08 01:02 / jlr
,2,2-Tetrachloroethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
,2-Trichloroethane	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
-Dichloroethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
-Dichloroethene	ND	ug/L		0.50	7	E524.2	04/12/08 01:02 / jlr
-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
3-Trichlorobenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
3-Trichloropropane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
4-Trichlorobenzene	ND	ug/L		0.50	70	E524.2	04/12/08 01:02 / jlr
4-Trimethylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
-Dibromo-3-chloropropane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
-Dibromoethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
-Dichlorobenzene	ND	ug/L		0.50	600	E524.2	04/12/08 01:02 / jlr
-Dichloroethane	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
-Dichloropropane	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
5-Trimethylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
Dichlorobenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
Dichloropropane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
Dichlorobenzene	ND	ug/L		0.50	75	E524.2	04/12/08 01:02 / jlr
Dichloropropane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ılorotoluene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ılorotoluene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
zene	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
nobenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
nochloromethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
nodichloromethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
noform	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
nomethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ɔon tetrachloride	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
ıobenzene	ND	ug/L		0.50	100	E524.2	04/12/08 01:02 / jlr
ıodibromomethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ıoethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ıoform	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ıomethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
,2-Dichloroethene	ND	ug/L		0.50	70	E524.2	04/12/08 01:02 / jlr
,3-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ɔmomethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
lorodifluoromethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
lbenzene	ND	ug/L		0.50	700	E524.2	04/12/08 01:02 / jlr
ıchlorobutadiene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ropylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr

ort RL - Analyte reporting limit.
nitions: QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

LABORATORY ANALYTICAL REPORT

ent: Sunrise Engineering Inc
oject: Star Valley Regional Water Plan
b ID: C08040245-002
ent Sample ID: Alpine Well 2

Report Date: 05/21/08
Collection Date: 04/03/08 10:15
DateReceived: 04/04/08
Matrix: Aqueous

alyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
LATILE ORGANIC COMPOUNDS							
p-Xylenes	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
hyl tert-butyl ether (MTBE)	ND	ug/L		2.0		E524.2	04/12/08 01:02 / jlr
hylene chloride	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
phthalene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
utylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ropylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ylene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
opropyltoluene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
-Butylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
ene	ND	ug/L		0.50	100	E524.2	04/12/08 01:02 / jlr
-Butylbenzene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
achloroethene	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
ene	ND	ug/L		0.50	1000	E524.2	04/12/08 01:02 / jlr
s-1,2-Dichloroethene	ND	ug/L		0.50	100	E524.2	04/12/08 01:02 / jlr
s-1,3-Dichloropropene	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
hloroethene	ND	ug/L		0.50	5	E524.2	04/12/08 01:02 / jlr
hlorofluoromethane	ND	ug/L		0.50		E524.2	04/12/08 01:02 / jlr
yl chloride	ND	ug/L		0.50	2	E524.2	04/12/08 01:02 / jlr
nes, Total	ND	ug/L		0.50	10000	E524.2	04/12/08 01:02 / jlr
alomethanes, Total	ND	ug/L		0.50	80	E524.2	04/12/08 01:02 / jlr
urr: Dibromofluoromethane	102	%REC		80-120		E524.2	04/12/08 01:02 / jlr
urr: p-Bromofluorobenzene	95.0	%REC		80-120		E524.2	04/12/08 01:02 / jlr
urr: Toluene-d8	96.0	%REC		80-120		E524.2	04/12/08 01:02 / jlr

ort nitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Water Sampling Results For

Alpine District Well No. 3

Not Available

APPENDIX B

Sanitary Surveys

REGION 8
1595 Wynkoop Street
Denver, CO 80202-1129

Ref: 8WD-SD-F

SENT VIA EMAIL
DIGITAL READ RECEIPT REQUESTED

Melody Leseberg
P.O. Box 3070
Alpine, WY 83128
admin@alpinewy.gov

Re: **2024 Sanitary Survey Report**
PWS ID#: **WY5600156**

Dear Melody Leseberg,

Enclosed is a report prepared for the U. S. Environmental Protection Agency (EPA) following a sanitary survey of the Town of Alpine water system on July 24, 2024. Please note each significant deficiency listed at the beginning of the report. To avoid receiving a violation, you must correct **each identified significant deficiency and submit documentation of the corrective action to the EPA within 6 months** from receipt of this letter and sanitary survey report.

If you will be unable to meet this standard corrective action timeframe, you must contact the EPA with a written justification and proposed completion schedule as soon as possible. Each significant deficiency for this water system is listed below:

Significant Deficiencies

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that the EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to the EPA could result in a violation.

Prior to making physical modifications to your water system, a permit issued by the Wyoming Department of Environmental Quality (WY DEQ) may be required. Contact the respective WY DEQ District Engineer for your area to determine if a permit is needed before making corrections for

significant deficiencies followed by an asterisk (*). The email and phone number for the DEQ District Engineer may be found in your Sanitary Survey Report.

1) **No Facility ID: Well NS1**

Clarify Status of Groundwater Well and Perform Appropriate Monitoring, Physical Disconnection, or Abandonment*.

After the sanitary survey, EPA was notified that this well is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing well physically connected, you must monitor this well for compliance in the same way you would if the well was used on a regular basis. This well will also be inspected as part of the sanitary survey and you must address any significant deficiencies related to this well. If you wish this well to be considered inactive, it must be either plugged and abandoned, or physically disconnected from the system. This means the line from the well to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped, or the pump must be removed. The well must also be valved off to keep stagnant water from entering the system if the pump is removed. The associated chlorine contact tank must also be physically disconnected from the system.

In order to correct this significant deficiency, please confirm whether this well is active or inactive. If the well is to be considered active, EPA may require additional corrective action. If this well is to be considered inactive, must be physically disconnected or abandoned. Photos must be taken to document the inactive status of this well, and should be provided to EPA with your completed correction notice.

2) **No Facility ID: Well NS2**

Clarify Status of Groundwater Well and Perform Appropriate Monitoring, Physical Disconnection, or Abandonment*.

After the sanitary survey, EPA was notified that this well is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing well physically connected, you must monitor this well for compliance in the same way you would if the well was used on a regular basis. This well will also be inspected as part of the sanitary survey and you must address any significant deficiencies related to this well. If you wish this well to be considered inactive, it must be either plugged and abandoned, or physically disconnected from the system. This means the line from the well to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped, or the pump must be removed. The well must also be valved off to keep stagnant water from entering the system if the pump is removed. The associated chlorine contact tank must also be physically disconnected from the system.

In order to correct this significant deficiency, please confirm whether this well is active or inactive. If the well is to be considered active, EPA may require additional corrective action. If this well is to be considered inactive, must be physically disconnected or abandoned. Photos must be taken to document the inactive status of this well, and should be provided to EPA with your completed correction notice.

3) **No Facility ID: Buried Chlorine Contact Tank**

Clarify Status of Tank and Complete Checklist or Provide Documentation of Physical Disconnection or Abandonment*.

After the sanitary survey, EPA was notified that this facility is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing tank physically connected, it must be inspected as part of the sanitary survey and you must address any significant deficiencies related to this tank. If you wish this tank to be considered inactive, it must be physically disconnected from the system. This means the line from the tank to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped.

In order to correct this significant deficiency, please confirm whether this tank is active or inactive. If the tank is to be considered active, please fill out the enclosed unknown integrity of storage tank checklist. EPA may require additional corrective action based on responses. If this tank is to be considered inactive, it must be physically disconnected. Photos must be taken to document the inactive status of this tank, and should be provided to EPA with your completed correction notice.

4) **Unprotected, high hazard cross-connection present*.**

Cross-connections provide a pathway for contamination to enter the drinking water system during backflow events and therefore present a potential public health threat. *The surveyor identified that the Wastewater Treatment Plant connection to the drinking water system via a dual check valve and an isolation valve is a high hazard cross connection.* A reduced pressure backflow assembly (RPZ) or air gap must be installed at the service connection to this facility. An RPZ must be inspected and tested at least annually to ensure proper function. For corrective actions refer to WY DEQ Chapter 12 Section 14(i) regulations on Cross Connections.

Within 6 months from receipt of this letter, you must do the following:

- Prior to making physical modifications to your water system, a permit issued by the Wyoming Department of Environmental Quality (WY DEQ) may be required. Contact the respective WY DEQ District Engineer for your area to determine if a permit is needed before making corrections for significant deficiencies followed by an asterisk (*). The email and phone number for the DEQ District Engineer may be found in your Sanitary Survey Report.
- Correct *each* significant deficiency.
- Provide a completed Significant Deficiency Correction Notice listing *each* individual deficiency and the date of correction. If a WY DEQ permit was required to make any of the significant deficiency corrections, please include the permit number on your completed Correction Notice form.
- Provide labeled photos of *each* correction.
- **If you will be unable to meet the 6-month standard corrective action timeframe, you must contact the EPA as soon as possible with a written justification and proposed completion schedule to receive a time extension. Your time extension request must include:**
  - Your public water system name and number;
  - Description of why you will be unable to meet the 6-month timeframe;

- Description of the corrective action(s) to be taken to address each significant deficiency;
- A schedule including specific proposed dates for completing each corrective action, which may include short-term interim steps and long-term completion dates.

The Significant Deficiency Correction Notice is enclosed and can also be found at the following website: http://www.epa.gov/region8-waterops/reporting-forms-and-instructions-reporting-forms and by selecting the Sanitary Survey link. To avoid receiving a violation, please provide this documentation to:
Mr. Matthew Langenfeld, Groundwater Rule Manager
EPA Region 8, 8WD-SD-F
1595 Wynkoop Street
Denver, CO 80202
Email: langenfeld.matthew@epa.gov
Phone: 303-312-6284

If you have any questions regarding a significant deficiency or your corrective action plan, contact Matthew Langenfeld. If you propose a different corrective action timeframe, Matthew will provide you with a confirmation email or letter. The sanitary surveyor identified at least one recommendation to improve the operation of the water system and to protect public health. While not required, the EPA recommends that all such items be corrected. Please see the enclosed Sanitary Survey report for any recommendations.

Please contact us if your system has a change in the treatment process; you add or remove a water source; there is a change in the number of people served or the number of water connections; or different contact information becomes available for your water system. This allows us to keep you up to date on monitoring requirements and keeps our inventory current. Failure to notify EPA about water source or treatment changes may result in a violation. To access the EPA's change form, use the following link and send us the completed form or give us a call:
https://www.epa.gov/region8-waterops/epa-r8-public-water-system-inventory-change-form

EPA should also be notified if your system has a pressure loss (less than 20 psi for more than one hour), or if the system experiences any other emergency that may compromise water quality. Systems should contact Kyle St. Clair at 303 312-6791 in these situations. If one of these events occurs after business hours, or on a weekend/holiday, the system should call the EPA Region 8 24-hour drinking water emergency line at 303 312-6327

Thank you for your cooperation during the sanitary survey. If you have any questions regarding the sanitary survey, please call Lucien Gassie at 720 987-4598. If you have questions on specific regulations, please refer to the brochure enclosed with this letter, which contains the names and phone numbers for the EPA drinking water staff.

Sincerely,



Lucien Gassie, PhD, PE
Environmental Engineer
Field Services and Tribal Section
Drinking Water Program

Enclosures

cc:
Eric Green
Mayor
Town of Alpine
mayor@alpinewy.gov

Dustin Murrell
Operator
operator-wwtp@alpinewy.gov

John Burbridge
Chief Counsel, Wyoming Public Services Commission
john.burbridge@wyo.gov

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

EPA Region 8 WY Sanitary Survey Form
Inventory

Surveyor name: Lucien Gassie
System representatives present at survey: Craig Leseberg, Operator; Ryen Kolb, Operator
Others present: Evelyn Hoffman, EPA Region 8

Primary Administrative Contact (to receive all correspondence from EPA)

Name: Melody Leseberg
Address: P.O. Box 3070, Alpine, WY 83128
Business phone: 307-654-7757
Email: admin@alpinewy.gov

System Owner or Municipal Legal Representative

Name: Eric Green | Town of Alpine | Title: Mayor
Address: P.O. Box 3070, Alpine, WY 83128
Business phone: 307-654-7757 | Cell phone: 307-699-1991
Email: mayor@alpinewy.gov

Emergency Contact

Name: Craig Leseberg
Address: P.O. Box 3070, Alpine, WY 83128
Emergency phone: 307-880-2869 | Email: publicworks@alpinewy.gov

Additional Contacts

Name: John Burbridge | Title: Chief Counsel, WY Public Services Commission
Address: 2515 Warren Ave. Suite 300, Cheyenne, WY 82002
Business phone: 307-777-7427
Email: john.burbridge@wyo.gov

Name: Ryen Kolb | Title: Operator
Address: PO Box 3070, Alpine, WY 83128
Business phone: 307-654-7757

Designated Operator

Name: Craig Leseberg
Operator Adequately Certified? ☑ Yes ☐ No ☐ Not required (NC)
Certificate Level: 1 | Area: Treatment | Expiration Year: 2026
Certificate Level: 1 | Area: Distribution | Expiration Year: 2026
Address: P.O. Box 3070, Alpine, WY 83128
Business phone: 307-880-2869
Email: publicworks@alpinewy.gov

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Additional Operator

Name: Dustin Murrell
Operator Adequately Certified? ☑ Yes ☐ No ☐ Not required (NC)
Certificate Level: 1 Area: Well Expiration Year: 2027
Address: P.O. Box 3070, Alpine, WY 83128
Business phone: 307-654-7757 Cell phone: 503-720-7729
Email: operator-wwtp@alpinewy.gov

DEQ District Engineer	**CHS Sanitarian**
Dennis Lewis, District Engineer	Dru Haderlie, CHS Specialist
Phone: 307-777-7088	Phone: 307-279-3276
Email: dennis.lewis@wyo.gov	Email: dru.haderlie@wyo.gov

Water System Physical Address and Location

Address: 250 River Circle, Alpine, WY 83128 County: Lincoln
Physical Location and Directions: From the intersection of US-26 and US-89 (Alpine Junction), proceed south on US-89 for 1.2-miles to the south entrance into River Circle; turn right (west/northerly). The Town Hall parking lot driveway is on the right, approximately 135-feet into River Circle.

Service Connections

Total Service Connections:	700
Metered Service Connections:	700

Population

Residential:	1,300
Non-Transient:	NI
Transient:	NI
Info Source:	Operators – there are significant NT and T populations, but the operators were not sure how many people.

Water System Classification

Source: GW = Groundwater
Classification: C = Community
Period of Operation: Year Round
WYDEQ System Classification:
Area: Well Level: 1
Owner Type: Local Government Authority (Commission, District, Municipality, City etc.)
Service Categories:
- BR Bar
- CG Campground

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

- CH Church
- DC Daycare Center
- HS Hospital
- IB Interstate Bottler
- LB Local Bottler
- LO Lodge
- MO Motel/Hotel
- RS Residential
- RV RV Park
- VC Visitor Center

Primary Service Category: Residential

System Summary

Is the current water source adequate in quantity?

☐ Yes ☑ No Planning to connect mega well to system

Have there been any interruptions in service since the last survey?

☐ Yes ☑ No

Have there been reports of a water borne disease?

☐ Yes ☑ No

Have there been any changes to the water system since the last survey?

☐ Yes ☑ No

Are there any changes planned?

☑ Yes ☐ No Connect the mega well

Summary: The Town of Alpine water system is classified as a community groundwater system. Approximately 1,310 people are served through 700 connections. Three wells provide groundwater to the system's treatment plant (TP01) where flow is chlorinated before being sent to the Lower Tank (ST03). From ST03, flow is to the main areas of the Town's Distribution System, and to Pumphouse (PF01) where it is pumped to the Upper Tank (ST02). ST02 only provides potable water to the Alpine Hillside area; yet can supply the main distribution system in an emergency, through a PRV. The North Star Tank (ST04) floats on the distribution system, serving system demand and maintaining system pressure. The system recently annexed in an area that includes a "Mega-well" and an additional 88 connections. Short-term plans are to connect and bring the "Mega-well" into the Alpine drinking water system. There are two additional wells and a chlorine contact tank physically connected to the system but not in use.

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Significant Deficiencies

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that the EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to the EPA could result in a violation.

Prior to making physical modifications to your water system, a permit issued by the Wyoming Department of Environmental Quality (WY DEQ) may be required. Contact the respective WY DEQ District Engineer for your area to determine if a permit is needed before making corrections for significant deficiencies followed by an asterisk (*). The email and phone number for the DEQ District Engineer may be found in your Sanitary Survey Report.

1) No Facility ID: Well NS1

Clarify Status of Groundwater Well and Perform Appropriate Monitoring, Physical Disconnection, or Abandonment*.

After the sanitary survey, EPA was notified that this well is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing well physically connected, you must monitor this well for compliance in the same way you would if the well was used on a regular basis. This well will also be inspected as part of the sanitary survey and you must address any significant deficiencies related to this well. If you wish this well to be considered inactive, it must be either plugged and abandoned, or physically disconnected from the system. This means the line from the well to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped, or the pump must be removed. The well must also be valved off to keep stagnant water from entering the system if the pump is removed. The associated chlorine contact tank must also be physically disconnected from the system.

In order to correct this significant deficiency, please confirm whether this well is active or inactive. If the well is to be considered active, EPA may require additional corrective action. If this well is to be considered inactive, must be physically disconnected or abandoned. Photos must be taken to document the inactive status of this well, and should be provided to EPA with your completed correction notice.

2) No Facility ID: Well NS2

Clarify Status of Groundwater Well and Perform Appropriate Monitoring, Physical Disconnection, or Abandonment*.

After the sanitary survey, EPA was notified that this well is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing well physically connected, you must monitor this well for compliance in the same way you would if the well was used on a

regular basis. This well will also be inspected as part of the sanitary survey and you must address any significant deficiencies related to this well. If you wish this well to be considered inactive, it must be either plugged and abandoned, or physically disconnected from the system. This means the line from the well to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped, or the pump must be removed. The well must also be valved off to keep stagnant water from entering the system if the pump is removed. The associated chlorine contact tank must also be physically disconnected from the system.

In order to correct this significant deficiency, please confirm whether this well is active or inactive. If the well is to be considered active, EPA may require additional corrective action. If this well is to be considered inactive, must be physically disconnected or abandoned. Photos must be taken to document the inactive status of this well, and should be provided to EPA with your completed correction notice.

3) No Facility ID: Buried Chlorine Contact Tank

Clarify Status of Tank and Complete Checklist or Provide Documentation of Physical Disconnection or Abandonment*.

After the sanitary survey, EPA was notified that this facility is considered inactive and there are no plans to use it for potable water, but it is connected to the drinking water system (isolated by a gate valve). Please note that if you intend to keep the existing tank physically connected, it must be inspected as part of the sanitary survey and you must address any significant deficiencies related to this tank. If you wish this tank to be considered inactive, it must be physically disconnected from the system. This means the line from the tank to the pumphouse or to the transmission line must be severed (section of piping removed) and properly capped.

In order to correct this significant deficiency, please confirm whether this tank is active or inactive. If the tank is to be considered active, please fill out the enclosed unknown integrity of storage tank checklist. EPA may require additional corrective action based on responses. If this tank is to be considered inactive, it must be physically disconnected. Photos must be taken to document the inactive status of this tank, and should be provided to EPA with your completed correction notice.

4) Unprotected, high hazard cross-connection present*.

Cross-connections provide a pathway for contamination to enter the drinking water system during backflow events and therefore present a potential public health threat. *The surveyor identified that the Wastewater Treatment Plant connection to the drinking water system via a dual check valve and an isolation valve is a high hazard cross connection.* A reduced pressure backflow assembly (RPZ) or air gap must be installed at the service connection to this facility. An RPZ must be inspected and tested at least annually to ensure proper function. For corrective actions refer to WY DEQ Chapter 12 Section 14(i) regulations on Cross Connections.

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Uncorrected Significant Deficiencies from Prior Sanitary Survey

No uncorrected significant deficiencies from prior sanitary survey.

Recommendations

1) Storage Tank ID: ST04 - North Star Tank (540K)
Adequate Tank Controls Should be Installed

Adequate controls must be provided to maintain water levels in the storage tank. Pumps to supply the tank should be controlled from tank levels with a signal transmitted by telemetering equipment. At the time of the survey, water level indicator equipment and associated controls for the storage tank were not in place. Since the tank is at the same elevation as the Lower Storage Tank, the water is naturally kept at the same level as the Lower Storage Tank. The system should consider installing telemetry equipment in the North Star Tank as well to better control tank levels.

2) Treatment Plant ID: TP01 - Chlorinator
Treatment System Lacks Redundant Equipment

When treatment is used for the protection of the water supply, redundant equipment should be available. The treatment setup at the water system lacks redundant equipment and/or the spare parts to avoid an interruption of treatment should the treatment units go down. EPA recommends acquiring redundant treatment equipment to be employed in a standby mode to prevent an interruption in treatment.

3) Storage Capacity not Adequate to Meet Future Needs

The minimum storage capacity (or equivalent capacity) for systems not providing fire protection should be equal to the average daily consumption. This requirement may be reduced when the source and treatment facilities have sufficient capacity with standby power to supplement peak demands of the system. Where fire protection is provided, fire flow requirements are established by the appropriate state Insurance Services Office. EPA recommends initiating investigations into options available to increase system storage to recommended levels.

4) Visual Inspection of Storage Tank Components

The storage tank vent, hatch, and overflow should be visually inspected regularly. EPA recommends that the system visually inspect these components at least twice per year.

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Wells and Well Pumps

Facility ID & Name: WL01 - Alpine Well #1

Well permit #: P39163; 3rd Enl P189882 Statement of Completion on site? Yes

Should this well be inactivated? No
Are there any approved WY DEQ variances approved for this well? No
Total Well Depth: 275 ft
Depth range of shallowest casing perforations: 180 ft to 275 ft
Current yield: 600 gpm

Well Location: Pitless adapter
Is the well protected from vehicle damage? Yes
Does SW runoff drain away from the wellhead? Yes
Well casing height: 21"
Does well casing terminate at least 12" above the concrete floor (for indoor wells)?
Does well casing terminate at least 18" above natural ground surface (outdoor wells)? Yes
Are there any holes or openings observed in the well? No
Does the well have a sanitary seal with a tightly bolted cap? Yes
Is a gasket visible? No
Does the well cap move? No
Explain: Bolts removed to view gasket

Is well vented (not required)? Yes
Height of the vent: 23
Does the vent terminate at or above the top of the casing? Yes
Is the vent screened with #24-mesh? Yes

Is there a source water sample tap for GWR compliance? Yes
Is the tap located prior to any treatment or storage? Yes
Where is the source water tap located relative to other water system facilities? Well house

Is there an air release/vacuum relief valve? Yes
Does it terminate in a downward position? Yes
Does it terminate at least 8" above the floor? Yes
Is it screened with #24 mesh? Yes

Well Pumps

Is the pump submersible? Yes
Pump make, model, and HP: Jacuzzi Brothers, Inc./NI/50 HP
Controlled by variable frequency drive? Yes
VFD make and model: ABB
Pump run time (min): 5
NSF-60 lubricant used? NA
Maintenance program in place? No
Spare parts or pump available? No

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Facility ID & Name: WL02 - Alpine Well #2

Well permit #: P77717; Enl P189883 Statement of Completion on site? Yes

Should this well be inactivated? No
Are there any approved WY DEQ variances approved for this well? No
Total Well Depth: 243 ft
Depth range of shallowest casing perforations: 101 ft to 102 ft
Current yield: 450 gpm

Well Location: Pitless adapter
Is the well protected from vehicle damage? Yes
Does SW runoff drain away from the wellhead? Yes
Well casing height: 20"
Does well casing terminate at least 18" above natural ground surface (outdoor wells)? Yes
Are there any holes or openings observed in the well? No
Does the well have a sanitary seal with a tightly bolted cap? Yes
Is a gasket visible? No
Does the well cap move? No
Explain: Gasket visible in bolt holes

Is well vented (not required)? Yes
Height of the vent: 22
Does the vent terminate at or above the top of the casing? Yes
Is the vent screened with #24-mesh? Yes

Is there a source water sample tap for GWR compliance? Yes
Is the tap located prior to any treatment or storage? Yes
Where is the source water tap located relative to other water system facilities? Well house prior to chlorination

Is there an air release/vacuum relief valve? Yes
Does it terminate in a downward position? Yes
Does it terminate at least 8" above the floor? Yes
Is it screened with #24 mesh? Yes

Well Pumps

Is the pump submersible? Yes
Pump make, model, and HP: Red Jacket/NI/40 HP
Controlled by variable frequency drive? Yes
VFD make and model: ABB
Pump run time (min): 5
NSF-60 lubricant used? NA
Maintenance program in place? No
Spare parts or pump available? No

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Facility ID & Name: WL03 - Alpine Well #3

Well permit #: P198240 Statement of Completion on site? Yes

Should this well be inactivated? No
Are there any approved WY DEQ variances approved for this well? No
Total Well Depth: 267 ft
Depth range of shallowest casing perforations: 230 ft to 267 ft
Current yield: 400 gpm

Well Location: Pitless adapter
Is the well protected from vehicle damage? Yes
Does SW runoff drain away from the wellhead? Yes
Well casing height: 20"
Does well casing terminate at least 18" above natural ground surface (outdoor wells)? Yes
Are there any holes or openings observed in the well? No
Does the well have a sanitary seal with a tightly bolted cap? Yes
Is a gasket visible? No
Does the well cap move? No
Explain: Gasket visible in bolt holes

Is well vented (not required)? Yes
Height of the vent: 22
Does the vent terminate at or above the top of the casing? Yes
Is the vent screened with #24-mesh? Yes

Is there a source water sample tap for GWR compliance? Yes
Is the tap located prior to any treatment or storage? Yes
Where is the source water tap located relative to other water system facilities? Well house prior to chlorine injection

Is there an air release/vacuum relief valve? Yes
Does it terminate in a downward position? Yes
Does it terminate at least 8" above the floor? Yes
Is it screened with #24 mesh? Yes

Well Pumps

Is the pump submersible? Yes
Pump make, model, and HP: Robbco/7THC, 5- Stage/75 HP
Controlled by variable frequency drive? Yes
VFD make and model: ABB
Pump run time (min): 5
NSF-60 lubricant used? NA
Maintenance program in place? No
Spare parts or pump available? No

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All Wells

Are there known sources of pollution near the wells which may impact water quality? No
Are there mice, other animals, or their droppings near the well? No
Are there seasonal variations in the quantity of water? No
Are there seasonal variations in the quality of water? No
System sewage system:
- Centralized Sewage Treatment
- Septic Systems with Leach Fields (note direction and distance if near wells)

Comments: Hillside residences are on septic systems

Emergency Backup Source Water

System has no backup source water.

Raw Water to Treatment Plant Transmission Line

Raw Water Line Name: Transmission Line **Line Length: 1.5 miles**
Water Type: GW **Pipe Material: 8-inch PVC**
Line from Wells to Lower Storage Tank (500K; ST03)

Is there any asbestos pipe along the transmission line? No
Are there any service connections off the transmission line? Yes
What does each connection serve? Wastewater Treatment Plant
Is there a legal agreement or contract in place? NA
Is the water treated at the connection? No

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Water Treatment Data: GW and Consecutive Systems

Facility ID & Name: TP01 - Chlorinator
Treatment process: Sodium hypochlorite is injected prior to storage. The treatment was originally required by EPA due to issues with the spring source which is no longer in use.
Design output rate: 800,000 gal/day Max output rate: 850,000 gal/day
Any changes to treatment since last survey? No

Step #1: Treatment type: Chemical

Manufacturer: Thatcher
Product: T-Chlor 12.5 (12.5% Sodium Hypochlorite)
NSF 60 certified? Yes
Dosage: 0.6 mg/L
Objective: Disinfection
Is the process adequate to meet the objective? Yes
Is this process required by EPA? Yes
Location: At Treatment Plant
Frequency of use: Permanent
Is there redundant equipment? No
Is there backup power? Yes
Comments: Generator available at Well #1 (WL01) and Pumphouse Pump (PF01). System is interested in learning if chlorine is still required, since the requirement was associated with a spring source that is no longer in use.

Water Treatment Data: Corrosion Control

Does this system treat the water for corrosion control? No

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Storage Tanks

Tank ID & Name: ST02 - Upper Storage Tank (250K)

Location: Outdoor
Date put into service: 1977
Tank type: Below Ground (buried or partially buried)/ Concrete, Treated water tank
Tank capacity: 250000 gallons
Are there any approved variances? No

Is the site subject to flooding? No
Can the tank be isolated from the system? Yes
Is the water level indicator accurate? Yes
Does the tank have a mixer? No
Does the tank appear structurally sound? Yes
Does the foundation appear structurally sound? NA
Are there unprotected openings in the tank? No

Tank inspection and cleaning

How often are the tank hatch, vent, and overflow visually inspected? Once per year
Was the tank cleaned and inspected within the last 10 years? Yes
When was it last cleaned and inspected? 2018
How was it cleaned and inspected? Divers
Who cleaned and inspected it? Rubicon Applied Divers
How was it disinfected after cleaning? NA
Was surveyor able to view cleaning report? No

Overflow

Does tank have an overflow separate from the vent? Yes
Is the overflow accessible for inspection? Yes
Overflow has #24 mesh screening, a duckbill valve, or a properly sealed flapper valve with a screen of any size inside: Yes
Does the overflow terminate 12 to 24 inches above the ground? Yes
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? Yes
Is overflow discharge visible? Yes
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? NA

Drain Line

How is the tank drained? Drain combined with overflow

Air Vent

Does the tank have a vent separate from the overflow? Yes
Is the vent accessible for inspection? Yes
Is there #24-mesh screen? Yes
Is the screen on the inside of the vent to discourage vandals? Yes

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Does the air vent terminate downwards? Yes
Is the air vent at least 24" above the roof or ground surface? Yes

Access Hatch

Are all hatch components accessible for inspection? Yes
Is the hatch raised at least 24" above ground/roof level? No
Height OK
Actual height of the hatch above the ground/roof (in): 14
Does the hatch have a shoebox cover? Yes
Is the hatch cover tight and sealed with a rubber gasket? Yes
Is the hatch cover locked? Yes

General tank comments: System plans to have the tanks inspected/cleaned by divers in 2025

System Name: Town of Alpine PWS ID: WY5600156
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Tank ID & Name: ST03 - Lower Storage Tank (500K)

Location: Outdoor
Date put into service: 1997
Tank type: Below Ground (buried or partially buried)/ Concrete, Treated water tank
Tank capacity: 500000 gallons
Are there any approved variances? No
Is the site subject to flooding? No
Can the tank be isolated from the system? Yes
Is the water level indicator accurate? Yes
Does the tank have a mixer? No
Does the tank appear structurally sound? Yes
Does the foundation appear structurally sound? NA
Are there unprotected openings in the tank? Yes

Tank inspection and cleaning

How often are the tank hatch, vent, and overflow visually inspected? Once per year
Was the tank cleaned and inspected within the last 10 years? Yes
When was it last cleaned and inspected? 2018
How was it cleaned and inspected? Divers
Who cleaned and inspected it? Rubicon Applied Divers
How was it disinfected after cleaning? NA
Was surveyor able to view cleaning report? No

Overflow

Does tank have an overflow separate from the vent? Yes
Is the overflow accessible for inspection? Yes
Overflow has #24 mesh screening, a duckbill valve, or a properly sealed flapper valve with a screen of any size inside: Yes
Does the overflow terminate 12 to 24 inches above the ground? Yes
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? Yes
Is overflow discharge visible? Yes
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? NA

Drain Line

How is the tank drained? Drain combined with overflow

Air Vent

Does the tank have a vent separate from the overflow? Yes
Is the vent accessible for inspection? Yes
Is there #24-mesh screen? Yes
Is the screen on the inside of the vent to discourage vandals? Yes
Does the air vent terminate downwards? Yes
Is the air vent at least 24" above the roof or ground surface? Yes

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Access Hatch

Are all hatch components accessible for inspection? Yes
Is the hatch raised at least 24" above ground/roof level? No
Height OK
Actual height of the hatch above the ground/roof (in): 15
Does the hatch have a shoebox cover? Yes
Is the hatch cover tight and sealed with a rubber gasket? Yes
Is the hatch cover locked? Yes

General tank comments: System plans to have tank inspected/cleaned by divers in 2025.

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Tank ID & Name: ST04 - North Star Tank (540K)

Location: Outdoor
Date put into service: 2006
Tank type: Ground level/ Steel, Treated water tank
Tank capacity: 543000 gallons
Are there any approved variances? No

Is the site subject to flooding? No
Can the tank be isolated from the system? Yes
Is the water level indicator accurate? No
Does the tank have a mixer? No
Does the tank appear structurally sound? Yes
Does the foundation appear structurally sound? Yes
Are there unprotected openings in the tank? No

Tank inspection and cleaning

How often are the tank hatch, vent, and overflow visually inspected? Once per year
Was the tank cleaned and inspected within the last 10 years? Yes
When was it last cleaned and inspected? 2018
How was it cleaned and inspected? Drain and clean
Who cleaned and inspected it? NI
How was it disinfected after cleaning? Disinfection per AWWA standards
Was surveyor able to view cleaning report? No

Overflow

Does tank have an overflow separate from the vent? Yes
Is the overflow accessible for inspection? Yes
Overflow has #24 mesh screening, a duckbill valve, or a properly sealed flapper valve with a screen of any size inside: Yes
Does the overflow terminate 12 to 24 inches above the ground? No
height OK
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? Yes
Is overflow discharge visible? Yes
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? NA

Drain Line

How is the tank drained? Drains through system

Air Vent

Does the tank have a vent separate from the overflow? Yes
Is the vent accessible for inspection? Yes
Is there #24 mesh screening? Yes
Does the tank have a vacuum/pressure release valve to prevent damage? No
Is the screen on the inside of the vent to discourage vandals? Yes

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Downturned vent: is the vent at least 24" above the roof?
Non-downturned vent: is the screen at least 8" above the roof surface? Yes
Non-downturned vent: is there a solid cover to the bottom of the vent screen? Yes
Comments: Vent height photograph reviewed during the survey and was taken by the operator the day before the survey.

Access Hatch

Are all hatch components accessible for inspection? Yes
Is the hatch raised at least 4" above the roof? Yes
Actual height of the hatch above the ground/roof (in): 4
Does the hatch have a shoebox cover? Yes
Is the hatch cover tight and sealed with a rubber gasket? Yes
Is the hatch cover locked? No
Design OK
Hatch comments: Hatch height photo reviewed during the survey and taken the day prior to the survey

General tank comments: System plans to have tank inspected/cleaned by divers in 2025

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Distribution Pump Booster Stations

Total # of booster stations: 1

Are there any new booster stations? No
Are there any booster stations the system has had problems with? No

Pump station ID and name: PF01 - Booster Pumps (2)

Number of pumps: 2
Pump details: Pentair/Aurora/15 HP
Are booster pumps operated with variable frequency drives? No
Pressure change: 81 psi to 132 psi
Estimated run time of booster pumps: 0 min
Are lubricants NSF-60 certified? Yes
Is the pump station subject to flooding? No
Is there a maintenance program in operation? No
Are there spare pumps or parts available? No

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Distribution Data

Description of distribution system: 6", 8" and 10" PVC Mains. 90% of service lines are poly tubing; others are galvanized or copper

Is there asbestos pipe in the distribution system? No

Have lines broken due to freezing? No
Have lines broken due to traffic load? No
Are lines properly disinfected after repairs are made? Yes
Does the system provide fire protection? Yes
Describe: Fire hydrants

Water Use:

Annual volume distributed (MG/yr): 300
Peak Month: July
Volume distributed in peak month (MG): 50
Total number of days of storage (summer): 0.5
Total number of days of storage (winter): 7
Is the storage capacity adequate to meet current needs? Yes
Is the storage capacity adequate to meet future needs? No

Are there any bulk water supply/fill stations attached to this station? No

Are there any air relief valves in vaults/pits located in the distribution system? Yes
Are they regularly inspected and maintained? Yes
Do they have any leaks and/or standing water that covers the discharge point?

Are there long dead end lines in excess of 500 feet in the distribution system? No
Does the system have a flushing plan to ensure all fire hydrants and valves are exercised regularly? Yes
How often does the system perform flushing operations in the distribution system? Annually
Are distribution system drawings maintained? Yes

For systems that add chemical disinfectant/receive disinfected water from a wholesaler:

Is equipment available for measuring chlorine residual in the distribution system? Yes
Describe equipment: Hach Pocket Colorimeter II
Are reagents up to date? Yes
Does the operator know how to properly measure chlorine residual? Yes
Measured chlorine residual distribution system location: Town Hall
Time of analysis: 209
Residual measured by Surveyor (mg/L): 0.50
Residual measured by PWS (mg/L): 0.54
Was free or total chlorine measured? Free

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Distribution pressure:

According to the system representative, is there at least 35 psi pressure in the distribution system at peak flow? Yes
According to the system representative, is there at least 20 psi at all points in the system at all times? Yes
How does the water system monitor distribution pressure? Tank level
Was the pressured measured at the time of the survey? No
Distribution water loss rate (%): 10
Comments: System is in the process of getting radio-read meters to assist with loss tracking

Cross Connection Control

Has the system conducted a service connections audit to determine if any high or severe hazard connections exist? Yes
Does the system have a cross connection control/backflow prevention program in place? Yes

Hazardous connections

Are there any severe hazard connections to the system? No
Are there any high hazard connections to the system? Yes
Does each high hazard connection in the treatment plant or distribution system have the appropriate air gap or reduce pressure backflow assembly installed? No
Describe each high hazard and its location: Wastewater Treatment Plant, it's currently a dual check valve and an isolation valve
Do all low hazard connections have the appropriate dual check valve assemblies installed at the meter or service connections? Yes

Other potential cross connections

Do trailers or mobile homes connected directly to the PWS via a yard hydrant have a residential dual check valve at each connection? NA
Are any frost-free hydrants that drain into the soil directly connected to this PWS? No
Are there any leaking system components in the water system observed by the surveyor that are not previously noted? No
Approved air gap or atmospheric vacuum breaker at stock tanks? NA
Vacuum breaker or double check valve assembly at Threaded yard hydrants? Yes

Does the system have a record keeping program and management procedures to ensure:

The installation and certification by test or inspection (as applicable) of all backflow preventers (BFPs) at new service connections: Yes
The annual certification by a certified tester of all high-hazard BFPs in the system: No

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Safety

General Safety

Is the fire department familiar with the facilities and their contents? Yes

Personnel Safety

Are all personnel trained in proper handling of all utilized chemicals and materials? Yes
Are adequate masks, protective clothing, and safety equipment provided? Yes
Does the operator understand relevant Occupational Safety and Health Administration (OSHA) regulations? Yes

Chemical Safety

Are oxidizers, corrosives, and flammables stored in separate areas and in closed, marked containers? Yes
Are flammables stored in appropriate containers and cabinets away from combustion sources? NA
Is there adequate ventilation in the areas where solvents, aerosols, and chemical feeders are in use? Yes
Are bulk storage areas physically isolated from treatment areas to prevent spills from entering the water system? Yes

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Management Data

Are there rules governing new hookups to protect the integrity of this water system? Yes
Are DEQ construction standards followed? Yes
Is the treatment plant being properly operated to prevent inadequately treated water from being sent to the distribution system? Yes
Does the system have arrangements in place to assure prompt supply and repair service? Yes
Does the system have a current operations and maintenance manual which describes all procedures, equipment, sampling schedules and inspection data? Yes
Is there a schedule for routine preventative maintenance for all facilities and equipment? Yes
Does the system (treatment plant, finished water storage) have security measures in place (fencing, locks, lighting, alarms, etc.)? Yes

Does the system have an Emergency Procedure Plan (EPP) that includes: Yes

- Emergency contact phone numbers? Yes
- Procedures to respond to a pressure loss/water outage? Yes
- Procedures to respond to a water contamination incident? Yes
- Is the EPP accessible to the operator on-site? Yes

Is the system part of the state Water/Wastewater Agency Response Network (WARN)? Yes
Is the system familiar with EPA's Technical Assistance programs and providers? Yes
Have you evaluated possible impacts to your system from extreme weather events? Yes
Have you evaluated your facilities to see if they are in the 100 and 500 year flood plains? Yes
Describe any outcomes to extreme weather or floodplain evaluation: No changes to system based on extreme weather evaluation, facilities not in flood plain
Is emergency power available to the system? Yes
Does any of the system's power comes from it's own renewable energy sources? No

For Community Systems (including consecutives):

Does the water system have an annual budget? Yes
Is the rate structure for water customers based on metered water use? Yes
Are procedures in place to handle delinquent accounts? Yes
Are purchasing procedures in place for equipment, materials, chemicals, analysis, etc.? Yes
Describe rates and rate structure $31 + $2 per 1,000 gallons
What percentage of your customer accounts are delinquent? <1% (1 account)

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Monitoring and Records

Revised Total Coliform Rule (RTCR) monitoring

Does the operator know how to collect and label samples for total coliform analysis? Yes
Does the operator know what to do in the event of a total coliform positive result? Yes
Are extra bottles available on site in case of need for repeat total coliform sampling? Yes
Does the system have an RTCR sampling plan available for the surveyor's review? Yes
Date of plan: 2020
Is the system following their RTCR sampling plan? Yes

Ground Water Rule (GWR)

Does the operator know when they have to collect a triggered GWR source sample Yes
Does the system know how to submit source water sample results utilizing the triggered Ground Water Source Sampling Form located on the Drinking Water Online site? Yes
Are extra bottles available on site in case of the need for GWR source sampling? Yes

Community and NTNC Systems (including consecutives)

Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for review? Yes
Does the plan have an exhibit representing the current distribution system layout? Yes
Does the operator feel that the current Total Trihalomethanes (TTHM) sample is at the oldest water age in the distribution system? Yes
Is there a Lead & Copper Tap Sample Site Plan on site and available for review? Yes
Is the system following the tiering criteria in the rule? Yes
Does the system reach out to the LCR Manager when there are issues accessing sites? NA

All Systems

Does the operator know the location of each sample tap that represents the entry point(s) to the distribution system? Yes
Does the operator know how to properly label samples taken from the entry point(s) to the distribution system? Yes
Has the PWS completed the monitoring that is specified in the EPA-provided monitoring schedule so far for this calendar year? Yes
Has the PWS completed the monitoring that is specified in the EPA-provided monitoring schedule so far for this calendar year? Yes
Are copies of all monitoring results filed and readily accessible? Yes
Is the operator familiar with the Drinking Water Online and Drinking Water Watch? Yes

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Photo Log

Photo #WL01-1: Alpine Well #1 - Well Air Vac



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-2: Alpine Well #1 - Well Air Vac



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-3: Alpine Well #1 - Well Air Vac

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-4: Alpine Well #1 - Well Groundwater Rule Tap

Sample tap prior to treatment



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-5: Alpine Well #1 - Well Gasket

Gasket visible in bolt hole



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-6: Alpine Well #1 - Well Vent

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-7: Alpine Well #1 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-8: Alpine Well #1 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
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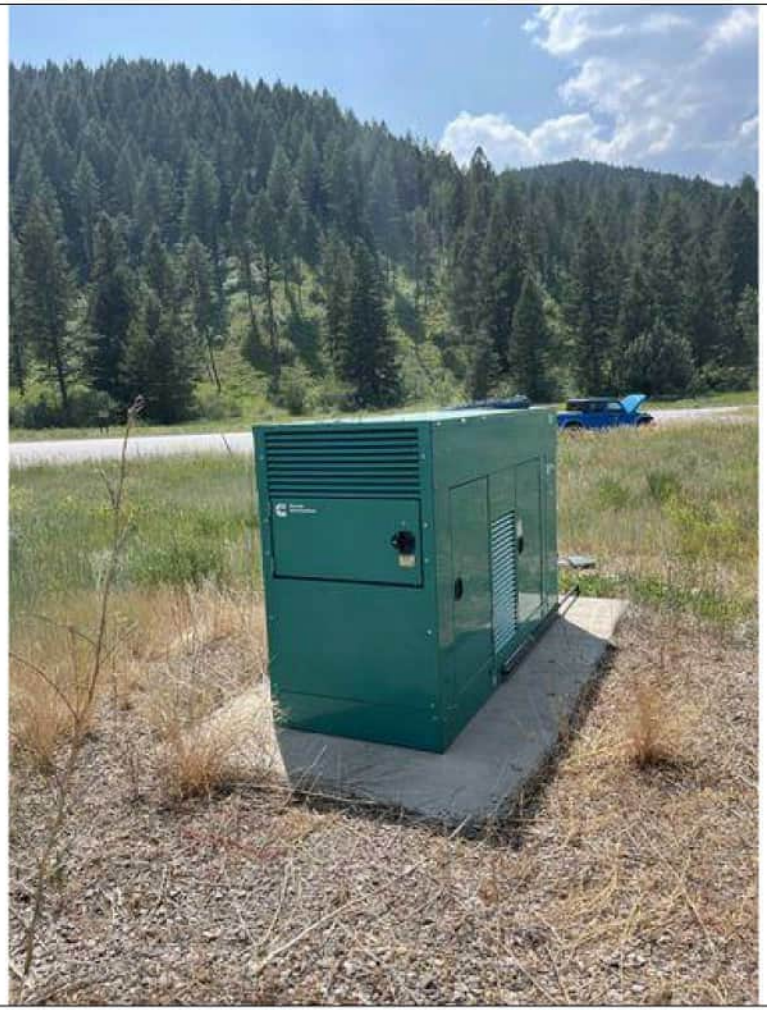
Photo #WL01-9: Alpine Well #1 - Well Height



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL01-10: Alpine Well #1 - Other (describe in comments)

Emergency power next to the well



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-1: Alpine Well #2 - Well Air Vac



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-2: Alpine Well #2 - Well Air Vac

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-3: Alpine Well #2 - Well Groundwater Rule Tap

Located prior to chlorine injection



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-4: Alpine Well #2 - Well Gasket

Gasket visible in bolt holes



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-5: Alpine Well #2 - Well Vent

Screened with #24 mesh



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Photo #WL02-6: Alpine Well #2 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL02-7: Alpine Well #2 - Well Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #WL02-8: Alpine Well #2 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
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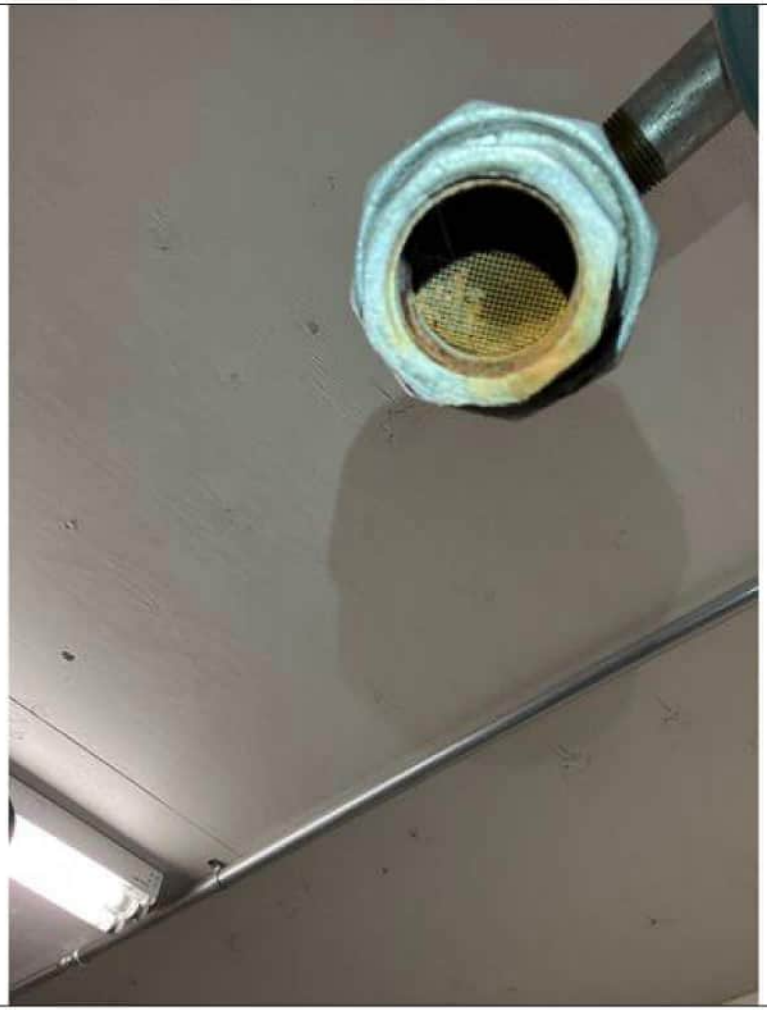
Photo #WL03-1: Alpine Well #3 - Well Air Vac



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL03-2: Alpine Well #3 - Well Air Vac

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL03-3: Alpine Well #3 - Well Groundwater Rule Tap

Located prior to chlorination



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #WL03-4: Alpine Well #3 - Well Gasket

Gasket visible in bolt hole



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL03-5: Alpine Well #3 - Well Reference



Photo #WL03-6: Alpine Well #3 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL03-7: Alpine Well #3 - Well Height



System Name: Town of Alpine PWS ID: WY5600156
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Photo #WL03-8: Alpine Well #3 - Well Reference



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #WL03-9: Alpine Well #3 - Well Vent

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
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Photo #TP01/SP02-1: Chlorinator & Sample Point - Treatment Process

Chlorine injection point, after the GWR sample taps



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #TP01/SP02-2: Chlorinator & Sample Point - Treatment Process

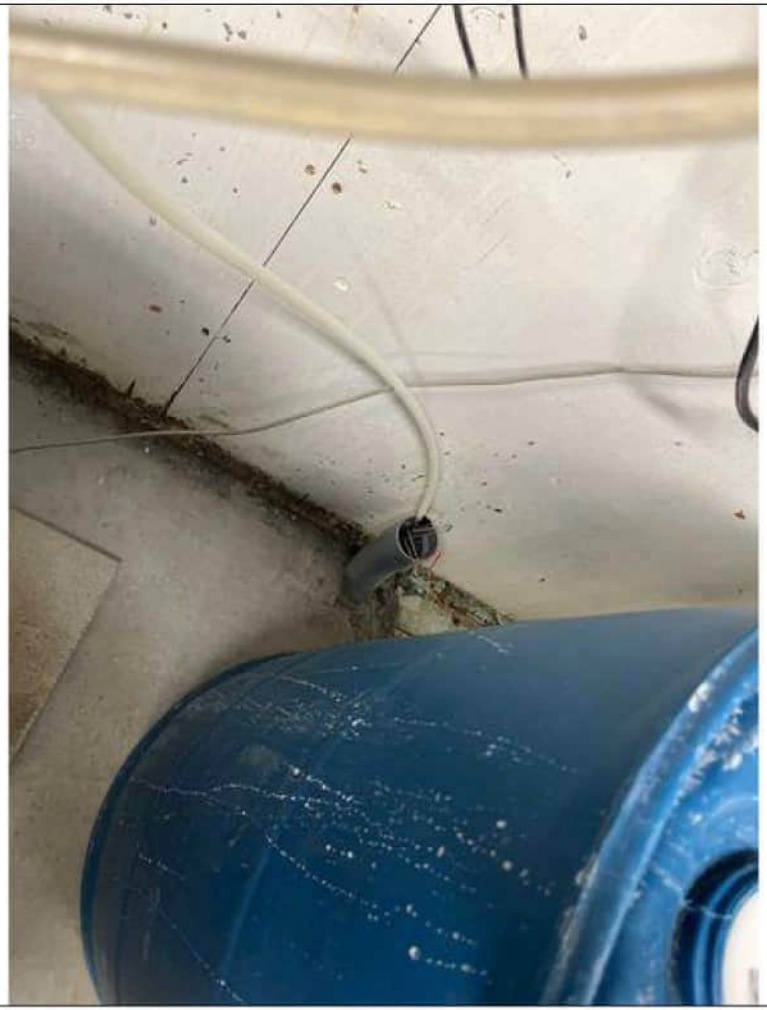
Chlorine injection equipment



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #TP01/SP02-3: Chlorinator & Sample Point - Treatment Process

Chlorine injection tubing



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #TP01/SP02-4: Chlorinator & Sample Point - Treatment Process

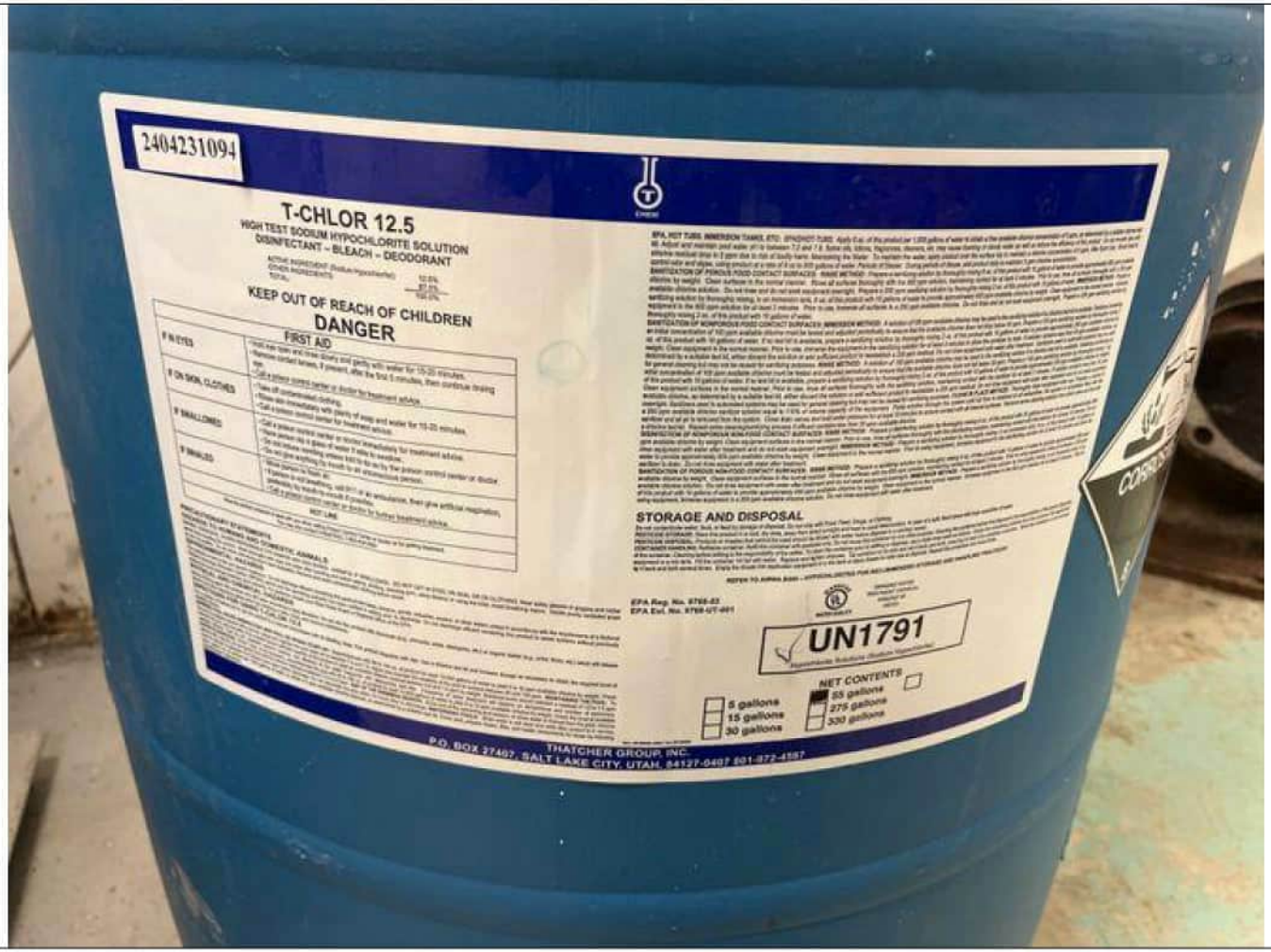
Chlorine injection pump



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #TP01/SP02-5: Chlorinator & Sample Point - Treatment Process

Chemical



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-1: Upper Storage Tank (250K) - Overflow Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-2: Upper Storage Tank (250K) - Overflow Screen

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-3: Upper Storage Tank (250K) - Overflow Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-4: Upper Storage Tank (250K) - Other (describe in comments)

Drainage area



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-5: Upper Storage Tank (250K) - Other (describe in comments)

Solar panels for telemetry



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-6: Upper Storage Tank (250K) - Vent Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-7: Upper Storage Tank (250K) - Vent Screen

Screened with #24 mesh



Photo #ST02-8: Upper Storage Tank (250K) - Hatch lock



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-9: Upper Storage Tank (250K) - Hatch height when closed



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-10: Upper Storage Tank (250K) - Other (describe in comments)

Electrical entry point

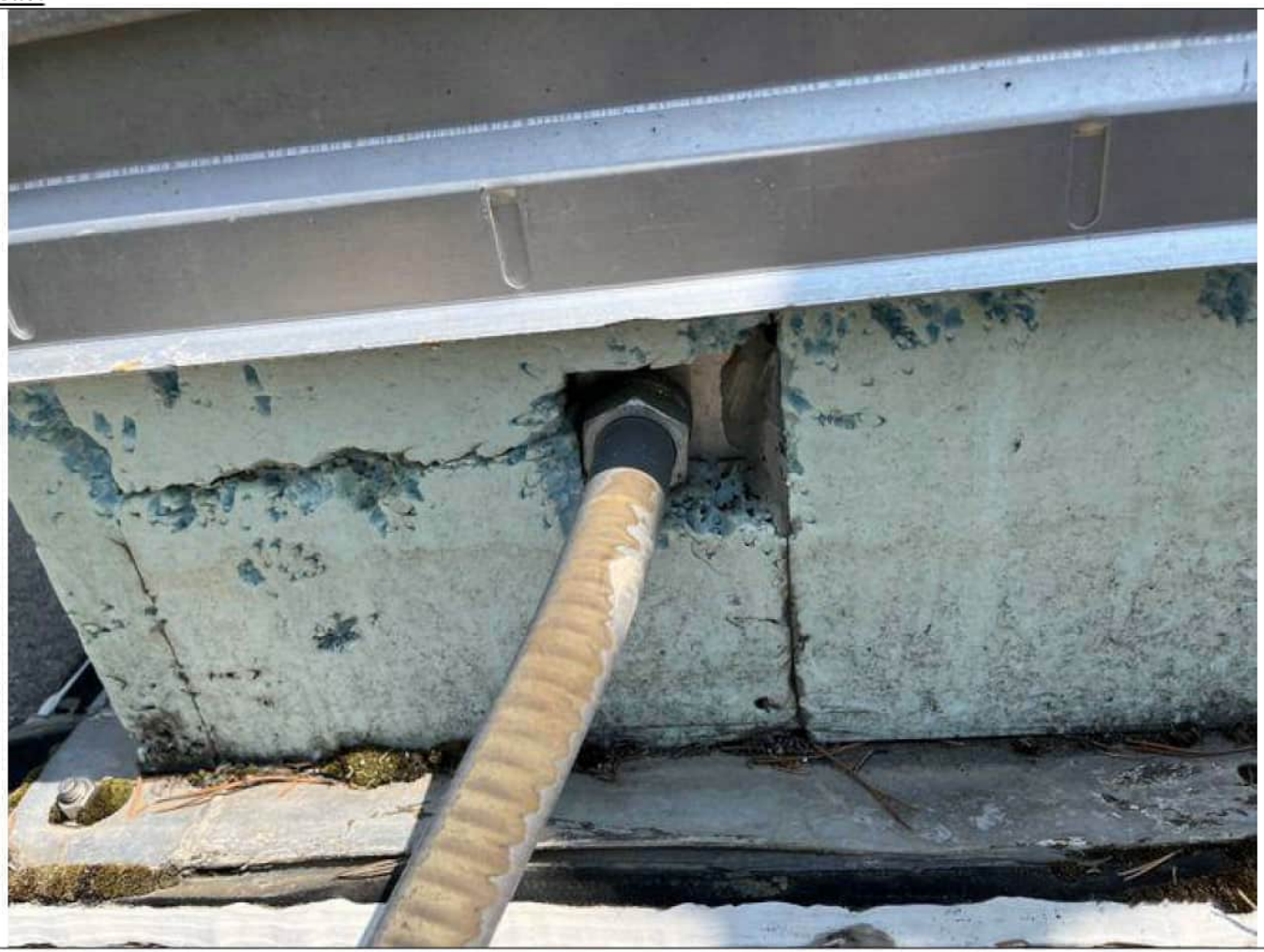
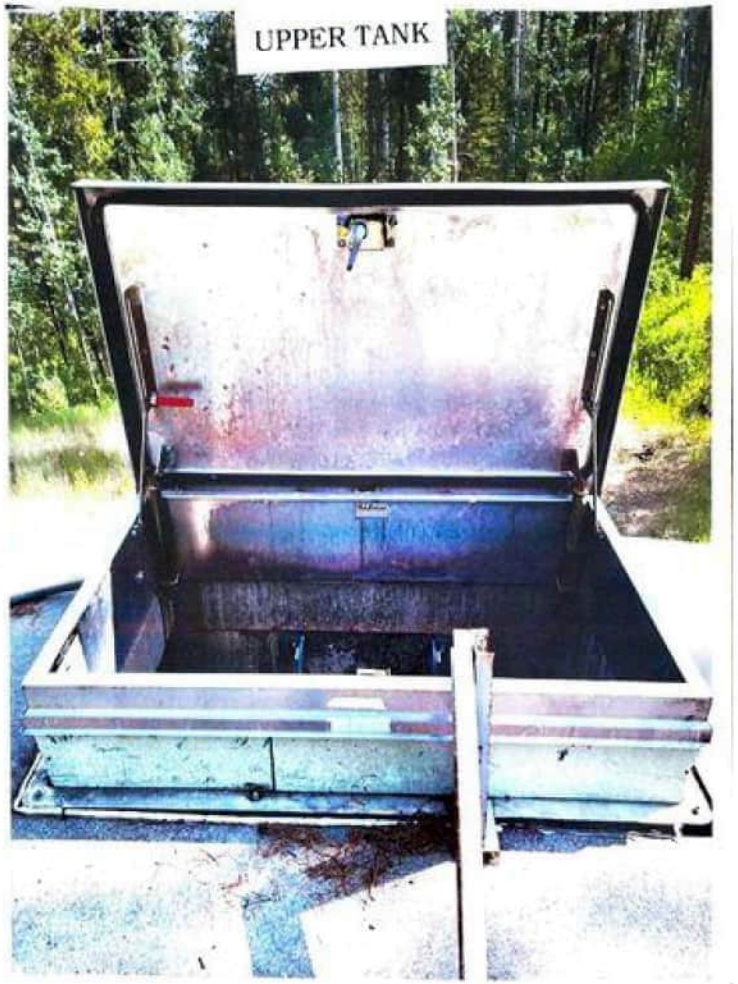


Photo #ST02-11: Upper Storage Tank (250K) - Hatch gasket

Gasket present - photo provided by operator and taken the day of the survey



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST02-12: Upper Storage Tank (250K) - Vent Height

Vent height - photo taken by operator the day of survey



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-1: Lower Storage Tank (500K) - Reference/Overview



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-2: Lower Storage Tank (500K) - Other (describe in comments)

Overflow drainage area



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-3: Lower Storage Tank (500K) - Overflow Screen

Screened with #24 mesh



Photo #ST03-4: Lower Storage Tank (500K) - Vent Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-5: Lower Storage Tank (500K) - Vent Screen

Screened with #24 mesh



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-6: Lower Storage Tank (500K) - Vent Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-7: Lower Storage Tank (500K) - Vent Screen

Second vent screened with #24 mesh



Photo #ST03-8: Lower Storage Tank (500K) - Vent Height

Second vent same height as the first - 24 inches



Photo #ST03-9: Lower Storage Tank (500K) - Hatch height when closed



Photo #ST03-10: Lower Storage Tank (500K) - Openings in Tank

Conduit into the tank is broken in multiple places



Photo #ST03-11: Lower Storage Tank (500K) - Openings in Tank

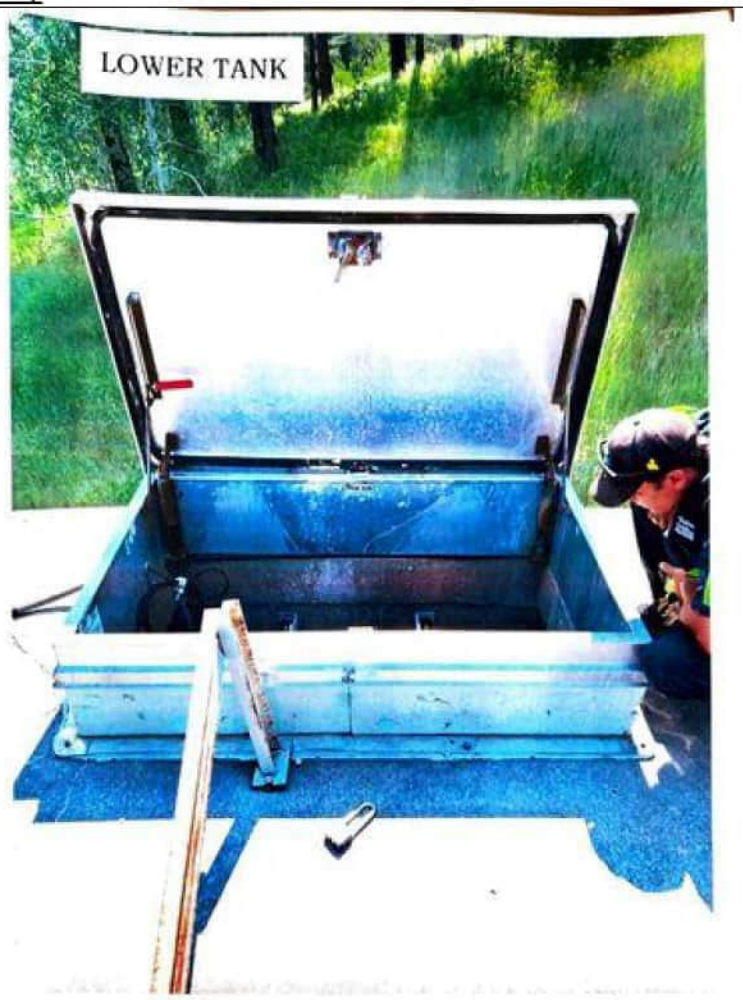
Break in conduit – the entry point into the hatch itself is secured with a fitting under the sealant.



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-12: Lower Storage Tank (500K) - Hatch gasket

Photo taken by system the day of the survey



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST03-13: Lower Storage Tank (500K) - Openings

Conduit repaired with gasket material. Photo provided by system on August 1, 2024.



Photo #ST03-14: Lower Storage Tank (500K) – Openings

Conduit interior entry point – photo provided by system on August 1, 2024



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST04-1: North Star Tank (540K) - Reference/Overview



Photo #ST04-2: North Star Tank (540K) - Overflow Height

Overflow discharges approximately 3 ft above the riprap into a drainage channel



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST04-3: North Star Tank (540K) - Overflow Height



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

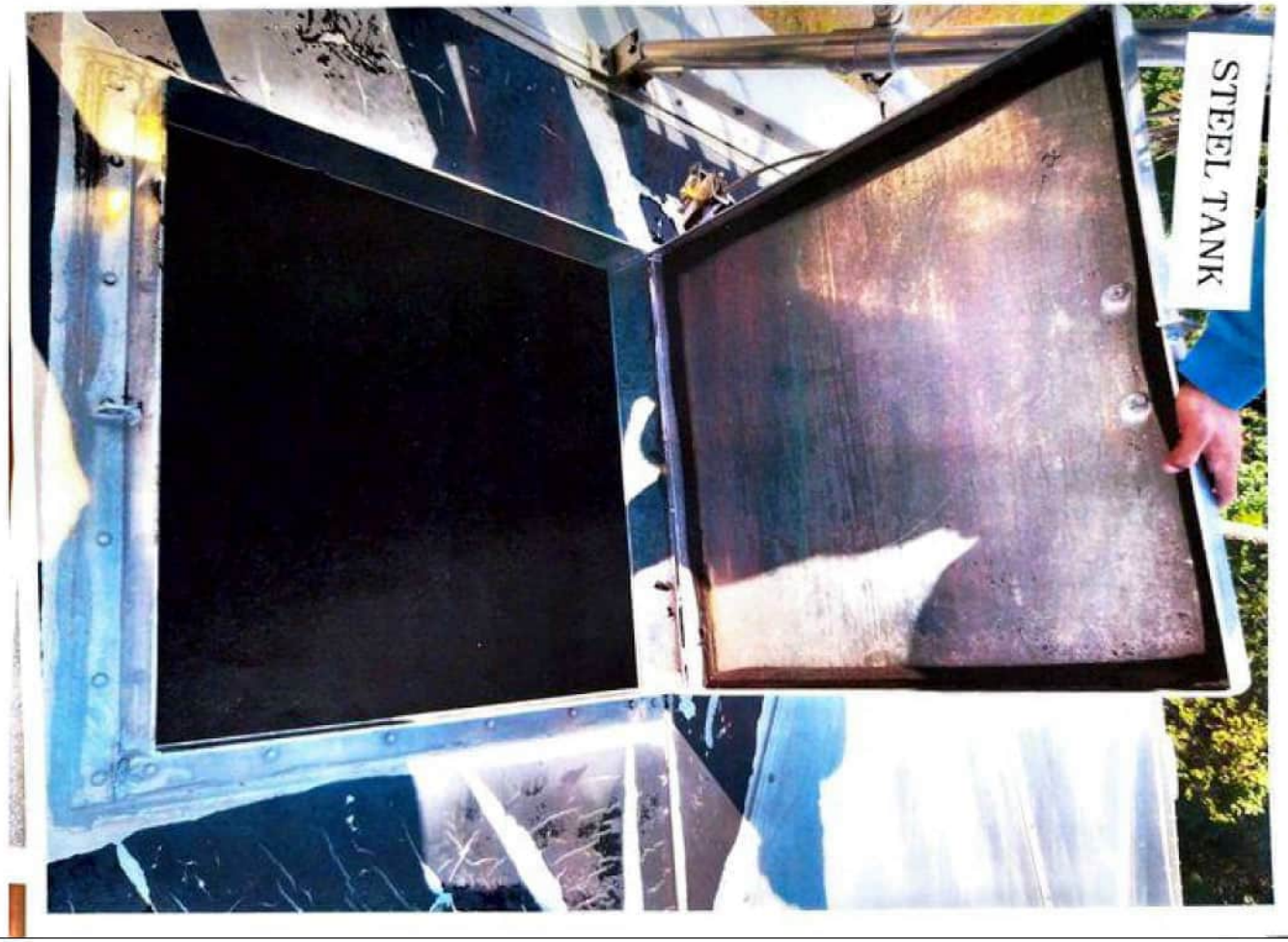
Photo #ST04-4: North Star Tank (540K) - Overflow Height

Overflow is approximately 3 ft above the drainage area



Photo #ST04-5: North Star Tank (540K) - Hatch gasket

Hatch equipped with gasket - photo provided by system and taken the day prior to the survey. The hatch measurement of 4-inches was verified from a photo viewed during the survey.



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #ST04-6: North Star Tank (540K) - Vent Screen

Vent screened with #24 mesh - photo provided by operator and taken the day prior to the survey

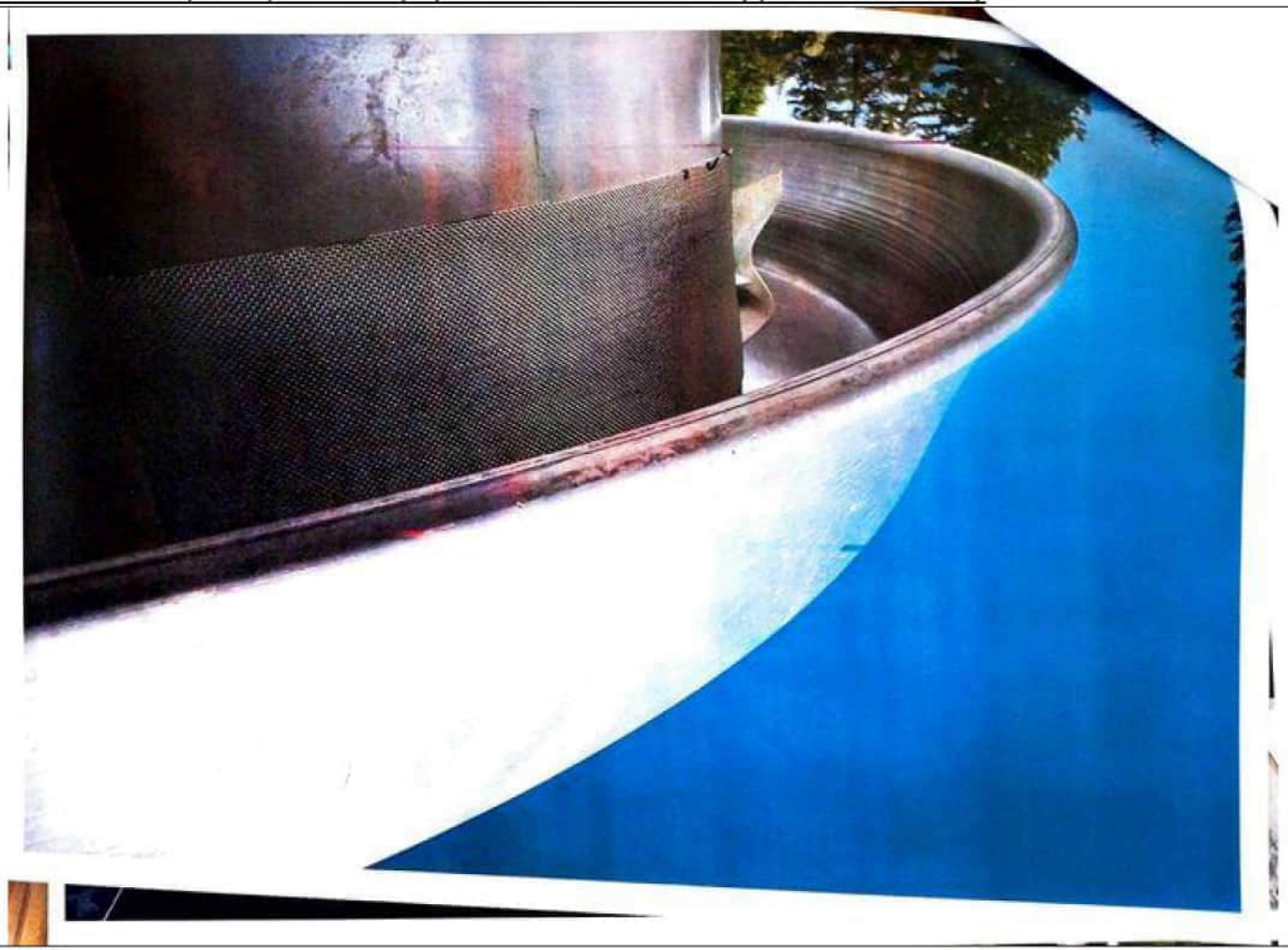


Photo #ST04-7: North Star Tank (540K) – Overflow Height

Photo provided by system on August 1, 2024

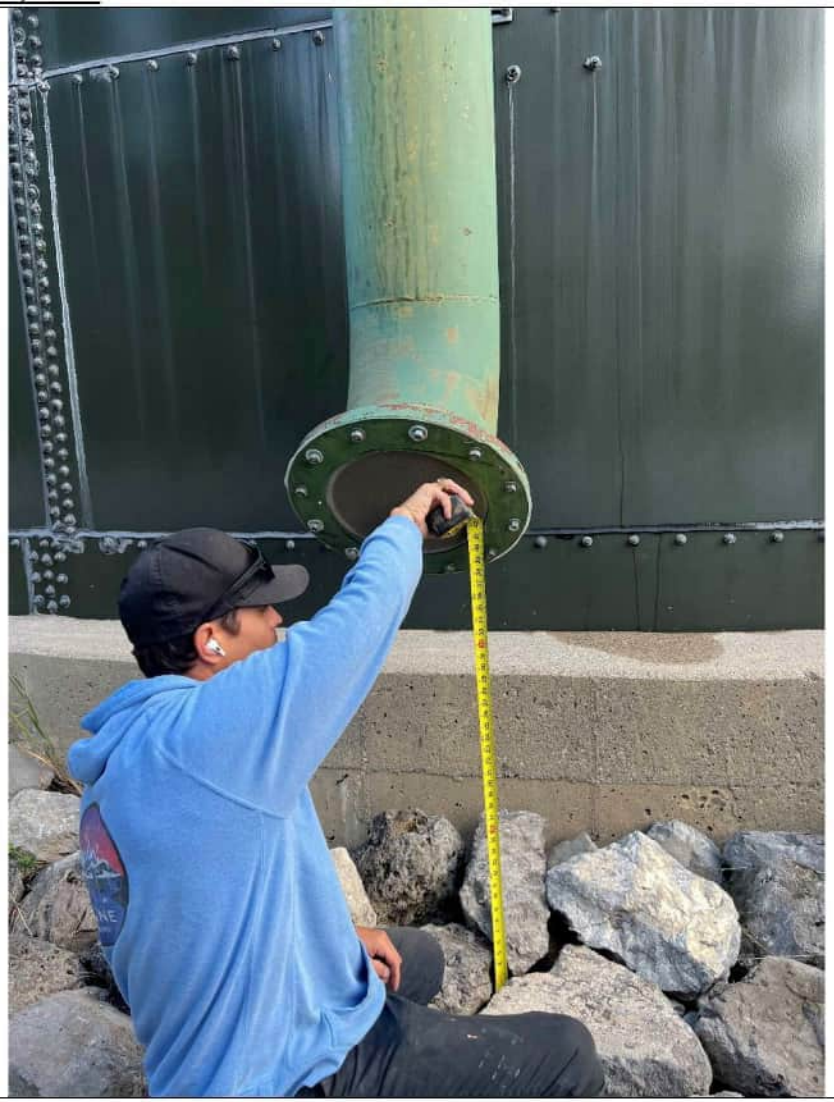


Photo #ST04-8: North Star Tank (540K) – Vent Height

Photo provided by system on August 1, 2024



Photo #PF01-R1: Reference - Booster Pumps (2)

Pump station is located in a separate section of the well house building



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #PF01-I1: Interior - Booster Pumps (2)
Booster pump station interior photo



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #DIST-A1: Representative distribution representative air release valve



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #A-1: WL01



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #A-2: WL01

ARV for all 3 wells combined - separate from individual well ARVs



System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

Photo #A-3: WL01

ARV screened with #24 mesh



DID YOU KNOW …

EPA Region 8 is responsible for the implementation of the National Primary Drinking Water Regulations in the state of Wyoming and the tribal lands in Utah, Colorado, Wyoming, Montana, North Dakota, and South Dakota.

For public water systems in Wyoming, EPA Region 8 and the state of Wyoming share responsibilities:

Region 8 responsibilities in the State of Wyoming:

- Compliance determination of public water system sampling results
- Sanitary surveys
- Technical assistance
- Laboratory certification
- Formal enforcement

State of Wyoming responsibilities:

- Plan and specification review
- Construction/well drilling permits
- Water rights
- Operator certification
- Capacity development
- Source water and wellhead protection
- Operation of state laboratories
- Food and beverage inspections
- Financing drinking water projects
- County health services

For public water systems located on tribal lands, EPA Region 8 shares responsibilities with other federal agencies:

Region 8 is responsible for the following activities in tribal lands:

- Monitoring/reporting of water testing
- Sanitary surveys
- Technical assistance to water system operators
- Laboratory certification
- Compliance determinations
- Formal enforcement
- Water security
- Tribal operator certification
- Tribal capacity development
- Financing drinking water projects
- Source water and wellhead protection

Other federal agencies which include Indian Health Services, USDA-Rural Development, Bureau of Reclamation and Bureau of Indian Affairs provide:

- Design, engineering, and construction assistance.
- Drinking water project financing
- General public health assistance on tribal lands.

DRINKING WATER PROGRAM

US EPA, Region 8
Drinking Water Program
Mail Code: 8WD-SDA
1595 Wynkoop Street
Denver, Colorado 80202

Telephone Numbers:
Business Hour Voice: 303-312-6312
or: 1-800-227-8917
Fax: 877-876-9101
After-Hours Emergency:
303-312-6327

Web Address:
https://www.epa.gov/region8-waterops

General E-mail for Drinking Water Program and Sample Results:
R8DWU@epa.gov

Drinking Water Staff

All Numbers (303) 312-(extension)
All e-mail addresses are:
last name.first name@epa.gov

Section Managers and Liaisons

Robert Parker (ext. 6664)
- Drinking Water Section A Supervisor

Judy Bloom (ext. 6395)
- Drinking Water Section B Supervisor

Kyle St. Clair (ext. 6791)
- Wyoming Liaison

Motaz Zarooq (ext. 6780)
- Tribal Liaison

Federal Staff

Bolor Bertelmann (ext. 6233)
- Lead and Copper Compliance Rule Manager

Emily Bedell (ext. 6269)
- Aircraft Drinking Water Rule Manager

Colby Brakke (605-945-1199)
- Tribal Technical Assistance North and South Dakota
- Tribal Sanitary Surveys

David Buswell (ext. 7004)
- Wyoming Sanitary Surveys

Michael Copeland (ext. 6836)
- Wyoming Sanitary Survey Specialist
- Emergency Response Team Coordinator

Robert Clement (ext. 6653)
- Technical Assistance
- State Oversight – CO

Jake Crosby (ext. 6389)
- Surface Water Treatment Rule Manager
- Interim/Long Term 1 Enhanced Surface Water Treatment Rules
- Long Term 2 Enhanced SWTR Manager
- Filter Backwash Recycling Rule Manager

Bryce Faliskie (ext. 6651)
- Water Security Program Coordinator

Megan Falk (406-457-5041)
- Tribal Technical Assistance Montana
- Tribal Sanitary Surveys

Lucien Gassie (ext. 6620)
- Wyoming Sanitary Survey Manager

Jamie Harris (ext. 6072)
- Revised Total Coliform Rule Manager
- Triggered Ground Water Rule Manager

Evelyn Hoffman (ext. 7039)
- Wyoming Sanitary Surveys

Marcella Hutchinson (ext. 6753)
- Groundwater Under the Direct Influence of Surface Water Manager
- Source Water Protection Manager

Sijo Kodiyan (ext. 6679)
- IT Technical Support

Matthew Langenfeld (ext. 6284)
- Ground Water Rule Manager

Kim Le (ext. 6973)
- Radionuclides Rule Manager

Angela Mendrala (ext. 6533)
- PWS Inventory & Treatment/Source Changes Manager

Jill Minter (ext. 6084)
- Lead Service Line Replacement Coordinator

Shirley Mlachak (ext. 6061)
- SDWIS/State and SDWIS/Fed Database Manager

Kendra Morrison (ext. 6145)
- IOC/VOC/SOC Rule Manager
- Unregulated Contaminant Monitoring Rule

Susan Nachtrieb (ext. 6857)
- Sanitary Survey Technical Support

Sienna Paquin (406-457-5026)
- Lead/Copper Rule Manager

Karen Simpson (ext. 6449)
- Drinking Water Emerging Contaminants Coordinator

Bailey Smith (ext. 6940)
- Consumer Confidence Report Rule Manager
- Nitrates Rule Manager

Jasmine SummersEvans (ext. 6673)
- State Oversight Lead for North Dakota and South Dakota

Seth Tourney (ext. 6579)
- Disinfection By-Products Rule Manager
- Maximum Residual Disinfectant Level Rule Manager

Brett Vanhoughton (ext. 6593)
- Wyoming Sanitary Surveys Specialist

Erica Wenzel (ext. 6411)
- Lead Service Line Inventory Specialist

Grantee (Support) Staff

- Greg Bachman (ext. 6154)
- Diana Bellamy (ext. 6244)
- David Buswell (ext. 7004)
- Pam DeSantis (ext. 6178)
- JD Droddy (ext. 6172)
- Joseph Faubion (406-457-5005)
- Evelyn Hoffman (ext. 7039)
- Laura Hult (ext. 6820)
- Ronald Morgan (ext. 6332)
- Claire Ohman (ext. 6578)
- Donna Roberts (ext. 6371)
- Jane Shalkey (ext. 6132)
- Joy Shulman (ext. 6074)
- Curt Tandy (ext. 6080)
- Charles Weinberg (ext. 6557)
- Lori Williams (ext. 6479)

System Name: Town of Alpine PWS ID: WY5600156
Date of Survey: July 24th, 2024 Document Control Number: R8FQPForm-1010 R9

End of Document

EPA Region 8 – Significant Deficiency Correction Notice

Public Water System Name _____
Public Water System ID# _____
Public Water System Source Type: (choose one) ☐Groundwater ☐Surface Water ☐Mixed
Contact Name _____ Phone Number _____ Email _____

Instructions:
Please use this form to report the correction of sanitary survey significant deficiencies identified during your sanitary survey. List the individual significant deficiencies (SDs) and the date of correction below. Include the Sanitary Survey (SS) year and individual SD number. Labeled pictures of corrections and a description of each correction is required. Label all pictures and correlate them to a specific significant deficiency. Include the name of the facility (e.g., well name and number, tank name and number, treatment plant, etc.).

If a WY DEQ permit was required to make any of the significant deficiency corrections, please include the permit number on the specific correction line below.

Facility (e.g. Well or Tank Number)	Sanitary Survey Year and SD Number (e.g. SS 2023, SD#1)	Significant Deficiency (SD)	Date Corrected	Photos? ☐ Yes ☐ NA Include ID number	WYDEQ Permit #

I certify that the information submitted with this report is true and accurate.

_____ _____ ____/____/____
Print Name Signature Date

Corrections described on attached Significant Deficiency Letter ☐
Supportive documentation and pictures attached ☐

For groundwater and surface water systems submit to: Langenfeld.Matthew@epa.gov and to R8DWU@epa.gov
Or Fax to: 1-877-876-9101

EPA Region 8 Drinking Water Unit **Finished Water Storage Tank Inspection/ Cleaning Checklist** Fill out one checklist per storage tank & submit labeled photos of each tank component with this form			
PWS Name: _____		PWS ID: _____	
Tank Name: _____		Tank ID: _____	
Proposed Inspection Date: _____		Actual Inspection Date: _____	
Name of Person Filling Out Form: _____		Title of Person Filling Out Form: _____	
I certify that this information is complete and accurate:		Date:	

Inspector Qualifications (answer to all questions must be "yes")	
Name and contact information of inspector (if water system personnel) or inspection company: _____	
☐ Yes ☐ No	Has the inspector completed confined space training?
☐ Yes ☐ No	Did the inspector have a confined space entry permit?

Overall Tank Condition				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Does the tank appear to be structurally sound?	If no, what repairs are suggested by the tank inspector? _____	_____	_____
☐ Yes ☐ No	Are there any unprotected openings in the tank (breaches, leaks, daylight coming through tank in spots, etc)	If yes, indicate type of breach and how it should be repaired. _____	_____	_____

Air Vent				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No ☐ NA	Does the tank have a vent separate from the overflow?	If no, indicate proposed correction:_____	_____	_____
Above Ground Tanks (Ground Level or Elevated) ☐ Check if NA				
☐ Yes ☐ No ☐ NA	Downturned vent: Is the vent at least 24" or 3 pipe diameters above the roof?	If no reconfigure vent to provide proper air gap.	_____	_____
☐ Yes ☐ No ☐ NA	Non-downturned vent: Is there a solid cover down to the bottom of the vent screen?	If no, indicate deficiency and proposed correction: _____	_____	_____
☐ Yes ☐ No ☐ NA	Non-downturned vent: Is the screen at least 8" above the roof surface? What is the height of the start of the screening above the tank? _____	If no, indicate deficiency and proposed correction: _____	_____	_____

☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening (some exceptions apply)? Mesh Size: _____	If no, indicate deficiency and proposed correction: _____	_____	_____
Buried or Partially Buried Tanks ☐ Check if NA				
☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening?	If no, install proper #24 mesh corrosion resistant screening.	_____	_____
☐ Yes ☐ No	Does the air vent terminate downward?	If no, re-configure the vent so that it terminates downward.	_____	_____
☐ Yes ☐ No	Is the air vent at least 24" above the tank roof or ground surface (whichever is higher)? What is the height of the vent above the roof or ground surface? _____	If no, raise air vent to provide for an appropriate air gap.	_____	_____

Access Hatch				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Is the hatch raised at least 4" above the roof (for ground level or elevated tanks) or at least 24 inches above the roof or ground, whichever is higher (for buried or partially buried tanks)? What is the height of the access hatch above the roof or ground surface? _____	If no, the hatch should be raised to the appropriate height above the tank roof or ground.	_____	_____
☐ Yes ☐ No	Does the hatch have a shoe box lid?	If no, a properly designed shoe box type lid should be installed.	_____	_____
☐ Yes ☐ No	Is the lid water tight and sealed with a rubber gasket?	If no, the reason for the lack of a seal should be investigated and repaired.	_____	_____
☐ Yes ☐ No	Is the hatch locked?	If no, the hatch should be equipped with a lock.	_____	_____

Overflow				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No ☐ NA	Does the tank have an overflow separate from the vent?	If no, indicate proposed correction:_____	_____	_____
☐ Yes ☐ No	Discharge has #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside (EPA recommends #24 mesh screen)?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Overflow terminates between 12 and 24 inches above the ground surface? At what height does the overflow discharge? _____	If no, modify overflow to provide for an appropriate air gap.	_____	_____
☐ Yes ☐ No	Overflow discharges over an inlet structure, splash plate, or engineered rip-rap?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No ☐ NA	Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers?	If yes, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Is there blockage in the overflow, an inadequately sized overflow, a malfunction of the level control system, or other issue that is causing the tank to overflow through the hatch or vent?	If yes, indicate what is causing the problem and how it should be repaired: _____	_____	_____
☐ Yes ☐ No	Is the overflow discharge point visible? If no, it is recommended that the discharge point be moved to a location that is visible.		Not Required	

Drain				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Does the discharge have a #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside? If no, EPA recommends that a #24 mesh screen be installed.		Not Required	
☐ Yes ☐ No	Does the drain terminate between 12 and 24 inches above the ground surface and discharges over an inlet structure or splash plate? If no, it is recommended that the discharge point be modified to provide for the appropriate air gap.		Not Required	

Cleaning and Other Items			
Significant Deficiency	**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
Describe any other items noted by the inspector that have the potential to cause contamination of the finished drinking water: _____	What repairs are suggested to prevent or eliminate the source of contamination? _____	_____	_____
Depth of sediment found in the tank before cleaning (inches): _____ How was the storage tank cleaned? _____ How was the storage tank disinfected after cleaning? _____ List any objects found inside the tank during cleaning that may have introduced contamination into the water system (examples: debris, animals, etc): _____			
☐ Yes ☐ No ☐ NA	If animal carcasses or other animal debris were found, was EPA notified immediately?		
☐ Yes ☐ No ☐ NA	Was the entry point for the carcass or debris eliminated? Describe:_____		
Please attach tank as-built drawings (if available) or a sketch of the tank's configuration and dimensions including the location, layout and dimensions of all major components (i.e. access hatch, vent, overflow, drain)			

EPA Region 8 Drinking Water Unit
Unknown Integrity of Well Checklist

Fill out one checklist per each well & submit labeled photos of each well component the sanitary surveyor was unable to access and completely evaluate with this form

PWS Name: _____	PWS ID: _____		
Well Name: _____ (Review your schematic to find the well name and ID)	Well ID: _____		
Proposed Inspection Date: _____	Actual Inspection Date: _____		
Name of Person Filling Out Form: _____	Title of Person Filling Out Form: _____		
I certify that this information is complete and accurate:		Date:	

Well Construction

Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No	Measure the height of the well casing and note it here: _____.	If the well does not terminate at least 12" above a concrete pad or 18" above natural ground level the well height may be required to be raised.	_____	_____
☐ Yes ☐ No	Is there a proper sanitary seal? Take a picture of the top of the well and side of the well to aid in the determination if there is a sanitary seal.		_____	_____

Well Vent
(If there is no well vent, please put N/A in the proposed completion date)

Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No	Does the well vent terminate in a downward position?	If no, reconfigure vent.	_____	_____
☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening (some exceptions apply)?_____ What is the mesh size? _____	If no, install #24 mesh corrosion resistant screen.	_____	_____

Well Location				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Is the well protected from vehicle damage?	If no, how will you address this deficiency? _____	_____	_____
☐ Yes ☐ No	If in a pit or vault is it completed with drainage or a sump pump for permanent or portable use?	If no, how you will address this deficiency? _____	_____	_____
☐ Yes ☐ No	Does surface water drain away from the wellhead (including in pits or vaults)?	If yes, how will you address this deficiency? _____	_____	_____
☐ Yes ☐ No	Are there any sources of pollution near any of the wells (e.g., chemical storage, agricultural activities, industrial activities, rodents and rodent droppings, or cleaning supplies)?	If yes, note how you will address this deficiency after consulting with EPA. _____	_____	_____

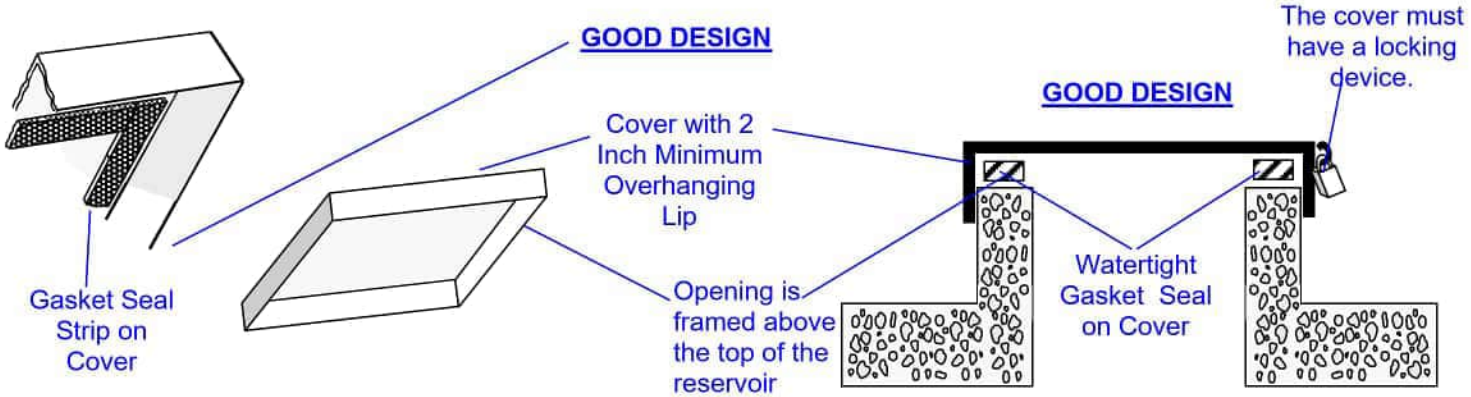
EPA Region 8 Drinking Water Unit Tech Tips
Sanitary Protection of Drinking Water Storage Tanks: Hatches

(Does not pertain to buried fiberglass tanks with dual hatches)

Access hatches must be as watertight as possible to exclude surface runoff, debris, bats, insects, birds, and other animals. You must install locks and keep them locked at all times to prevent unauthorized access. The hatch must be fitted with a solid watertight cover which extends down around the frame at least 2" and have a neoprene gasket seal on the hatch cover to prevent contamination from entering the water system.

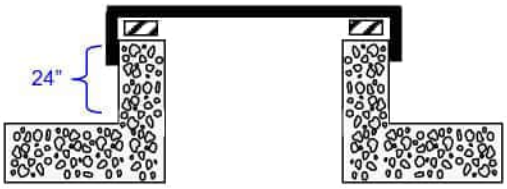
On elevated and ground level tanks, where the bottom of the hatch is greater than 4 feet above the ground level, the hatch must be framed at least 4" above the surface of the tank roof.

On below ground (buried and partially buried) structures, the hatch must be elevated a minimum of 24" above the top of the tank surface or ground surface, whichever is higher.



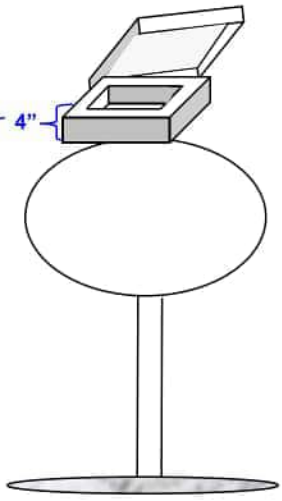
GOOD DESIGN

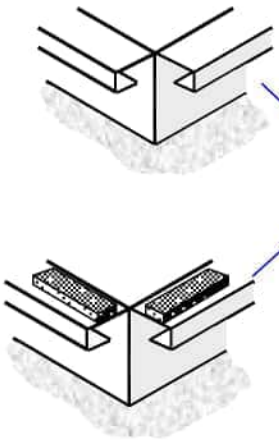
On buried and partially buried tanks, the hatch must be elevated a minimum of 24" above the top of the tank surface or ground surface, whichever is higher.



GOOD DESIGN

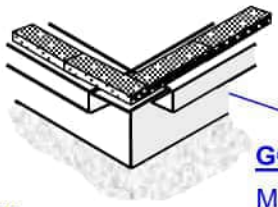
On elevated and ground level tanks, the hatch must be framed at least 4" above the top of the tank surface or ground surface, whichever is higher.





POOR DESIGNS

Insects and spiders can enter the reservoir between the framed section and cover. A seal strip can improve sanitary protection.



GOOD DESIGN

Make sure the gasket seal provides a tight connection by filling in the corner area when installing the seal. The preferred location to install the seal is on the cover.

EPA Region 8 Drinking Water Unit Tech Tips

Sanitary Protection of Drinking Water Storage Tanks: Overflows

Finished Water Storage Sanitary Protection: An overflow releases water when controls fail to shut off the incoming water at the high water mark; it is an integral component that protects the tank from damage from overfilling. The overflow allows an emergency release of water when telemetry fails, which should be a rare occurrence. Because water would only be flowing out of an overflow when another system has failed, it is important that the discharge is visible, so that the flow of water can be observed and reported. All key components of storage tanks must be protected to maintain sanitary conditions inside the tank. Also, storage tank overflows cannot serve as the only vent, and tanks must have an air vent separate from the overflow.

Overflow screen requirements

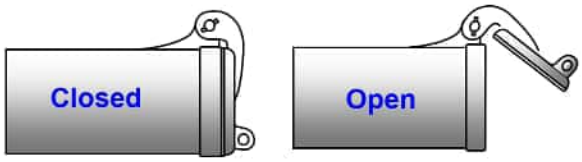
Not implementing one of these options will trigger a significant deficiency.

Option 1 No. 24 Mesh



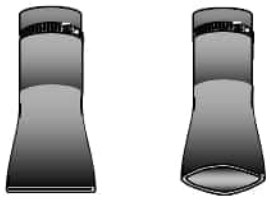
The #24 mesh screen can be used to keep contamination out. The screen should be inspected after overflow events and replaced, if necessary.

Option 2 Flapper Valves



Flapper valves with a screen meeting local minimum size requirements can also be used to keep contamination out. Each valve design can get stuck open and therefore should be fitted with a screen inside. EPA recommends a #24 mesh screen. **A flapper valve with no screen inside will trigger a significant deficiency.**

Option 3 Duckbill Valves



Duckbill Valves which seal under normal dry conditions can be used to keep contamination out. EPA recommends having a screen fitted inside.

Overflow height requirements



Protection of tank structure and water quality

An overflow inhales just like a vent but through a pipe that extends to the ground. Having the overflow opening at least 12 to 24 inches above an inlet structure, splash plate or engineered rip-rap protects against the inhalation of contamination (dried feces, leaves, dried plants, dust, etc.).

The other reasons to bring the overflow within 12 to 24 inches above a inlet structure, splash plate, or engineered rip-rap are for safety reasons and to prevent erosion that can washout the tank supports or foundation.

Not having the overflow piped to 12 to 24 inches above an inlet structure, splash plate, or engineered rip-rap will trigger a significant deficiency.

Not having access to inspect the overflow will trigger a significant deficiency.

EPA also recommends that overflows be visible so that any discharge can be observed and reported to identify possible problems.

Overflows cannot be directly connected to a sanitary sewer or storm drain



Overflows directly connected to a sanitary sewer or storm drain will trigger a significant deficiency; there must be an air gap of at least 3 pipe diameters above the sanitary sewer or storm drain.

An air gap is needed to prevent a cross connection between the sewer or storm drain and the overflow pipe. This air gap also prevents the tank from inhaling air from a sewer or storm drain when the overflow is not spilling water, which should be most of the time.

EPA Region 8 Drinking Water Unit Tech Tips
Sanitary Protection of Drinking Water Storage Tanks: Dra

Finished Water Storage Sanitary Protection: A drain allows the water in the tank to be removed for cleaning and inspection, and is an integral component of tank design. A drain is located at a designed low point in the tank such that any accumulated sediment can easily be washed out during cleaning events. At all other times the drain valve remains closed. The system should be designed such that the tank can be cleaned while continuing to maintain pressure in the distribution system. A drain valve can leak due to constant pressure from the height of water in the tank, creating a moisture rich environment that can attract rodents, snakes, insects, and any pathogens they may be carrying. All key components of a tank need to be protected against conditions that would jeopardize the sanitary conditions of a drinking water storage tank, including the tank drain.

Drain cannot be directly connected to a sanitary sewer or storm drain



Drains directly connected to a sanitary sewer or storm drain will trigger a significant deficiency; there must be an air gap of at least 3 pipe diameters above the sanitary sewer or storm drain.

An air gap is needed to prevent a cross connection between the sewer or storm drain and the drain pipe.

Drains must be accessible

Not having access to inspect the drain will trigger a significant deficiency



The area around the drain needs to be cleared of overgrowth such that it can be easily observed and inspected.

Recommendations for screen size and height for drains



The best design is to install the #24 mesh screen between two flanges.

EPA recommends that a removable #24 mesh screen be used to keep contamination brought in by insects, rodents, snakes, and birds from entering through the drain, even though it is valved off. The screen can be removed for cleaning events.

EPA recommends raising the drain 12 to 24 inches above an inlet structure, splash plate, or engineered rip-rap to minimize rodent access and prevent pooled water from entering the drain.



EPA Region 8 Drinking Water Unit Tech Tips

Sanitary Protection of Drinking Water Storage Tanks: Ver

Finished Water Storage Sanitary Protection: Vents release air and are a dynamic and integral part of tank operation. The air pressure inside of a tank is always trying to equalize with the air pressure outside as the water level rises and falls in the tank. When the tank is filling with water, displaced air has less space and puts pressure on the tanks. The air is forced out of the tank through the vent and overflow as well, if it is not overflowing with water (see Tech Tip on Overflows). When water is drawn out of the tank, the air has more space and creates a vacuum. Outside air is pulled into the tank through the vent and overflow. Thin walled metal tanks can be protected against excessive pressure and vacuum with a pressure/vacuum relief mechanism. Also, storage tank vents cannot serve as the overflow; tanks must have a vent separate from the overflow.

Downturned vent

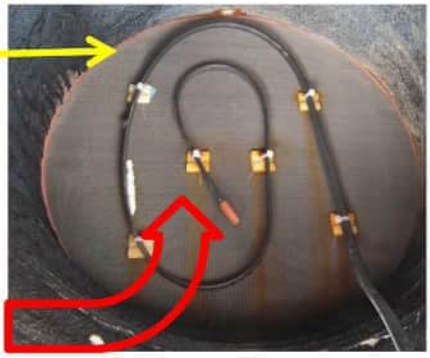
Protection from contamination entering through the vent.



#24 mesh screen is needed to keep out contamination carried by insects, rodents, and birds. (See Tech Tip on #24 Mesh)

Not having a #24 mesh screen on a vent will trigger a significant deficiency

The #24 mesh screen can be installed between two flanges. The flanges allow the #24 mesh screen to set flush, which creates a better seal than wrapping the screen around the pipe and securing it with a band. Also, the flange will place the screen inside the vent to dissuade vandalism. A heating coil can be installed if freezing is a concern.



Protection from contamination being inhaled through the vent

Vents present a pathway for contamination to enter the tank. Having the vent opening at least 24 inches above the nearest horizontal surface protects against the inhalation of contamination (dried feces, dust, etc.). A bird dropping can contain thousands of salmonella.

Vents less than the 24 inches above the roof will trigger a significant deficiency. Also, if vents on buried or partially buried tanks are not downturned or facing the ground, it will trigger a significant deficiency.

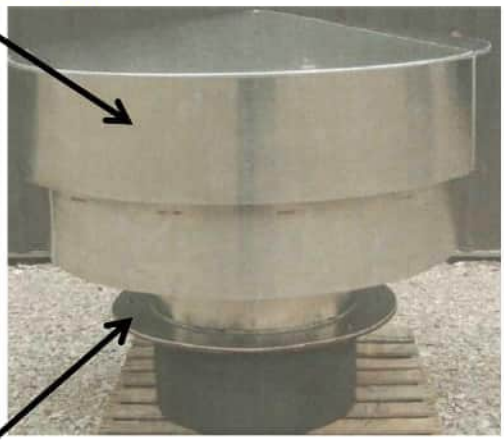
Non-downturned vent (Elevated or Ground Level Tanks Only)



For elevated tanks, having fewer than 8 inches from the bottom of the #24 mesh to a horizontal surface will trigger a significant deficiency

The vent must have a watertight cover that extends down to the bottom of the #24 mesh screen. The cover will prevent the entry of rain and snow as well as minimize the entry of dust.

Not having a solid cover that extends to the bottom of the #24 mesh screen will trigger a significant deficiency





Recommendation only: Having the vent opening at least 24 inches above the horizontal surface protects against the inhalation of contamination (dried feces, dust, etc.). In addition to the #24 mesh screen, the vent should also have a bird screen to prevent any birds from nesting on top of a horizontally placed screen.

Bird spikes can be added to any intermediate horizontal surfaces. In some cases, the height of the vent should be raised higher than 24 inches to address severe problems with birds or other animals.

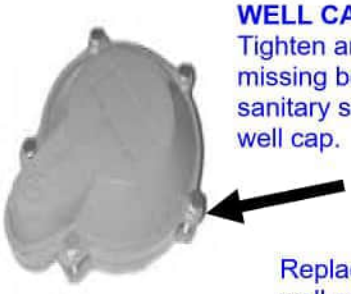
Vents not accessible for inspection can trigger a significant deficiency.

EPA Region 8 Drinking Water Unit Tech Tips

Simple Fixes for Wellheads

WELL CAP

Tighten and replace any missing bolts to ensure a proper sanitary seal is created by the well cap.

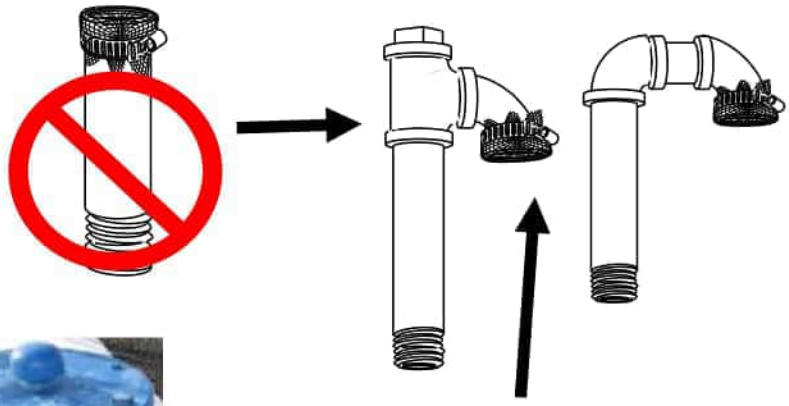


Replace any damaged well cap gaskets between the top and bottom plate and/or the compression seals on the outside diameter of the well casing.



WELL VENTS

Well vents (if applicable) must be at least as high as the well casing or pitless adapter. Replace straight, open well vents with inverted screened vents such as those below. Use non-corrodible #24-mesh screen on all configurations of well vents to exclude insects, rodents and other small animals.



WELL HEIGHT

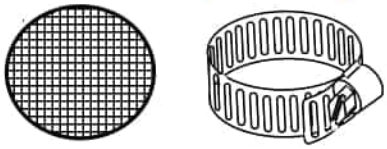
Permanent casing for all groundwater wells must project at least:

- 12 inches above the concrete floor; or
- 18 inches above natural ground surface.



#24-MESH SCREEN

Non-corrodible #24-mesh screen (wire diameter 0.014 inches) and a stainless steel adjustable clamp



PROPERLY DESIGNED WELL CAPS & SANITARY SEALS

Replace damaged or non-watertight well caps with vermin-proof, premium watertight wellhead caps. Vented caps must use #24-mesh screen.



FOR WELLS INSIDE A BUILDING

Eliminate rodents from the well house and the area around the wellhead. Airborne fecal material can contaminate the well or coliform samples. To keep rodents out, seal all entry points.

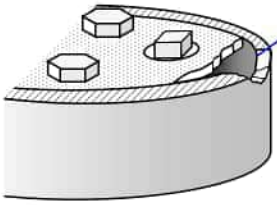


NON-PREFERRED DRINKING WATER WELL CAPS

Well caps with set screws on the side of the cap may not have a sanitary seal gasket. They are not to be used on a drinking water well if a gasket is not part of the assembly.

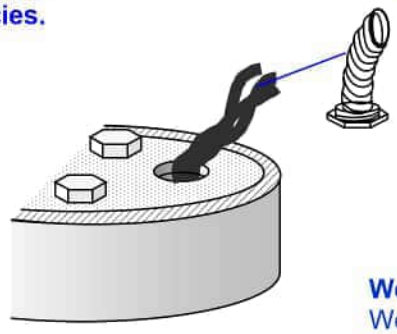


AVOID HANTAVIRUS: Please refer to the Center for Disease Control (CDC) Website regarding how to properly clean up mice infested areas to prevent contracting the Hantavirus pulmonary syndrome: www.cdc.gov/ncidod/diseases/hanta/hps/noframes/prevent3.htm



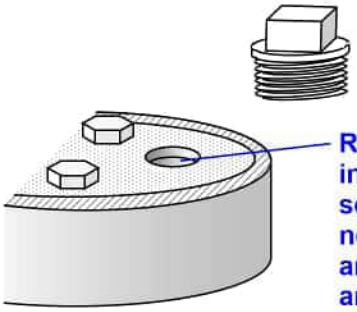
Replace damaged seal and repair well casing. Repairs must be durable and watertight. Silicone is not an acceptable permanent fix for any well opening deficiencies.

Install an appropriately sized conduit with an electrical grommet to seal the opening around the wires on a submersible pump. Silicone is not an acceptable permanent fix for any well opening deficiencies.

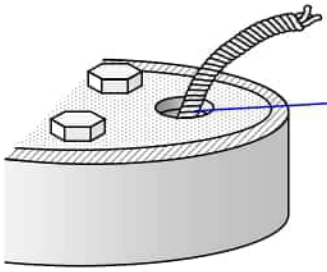


Well in a Pit or Vault

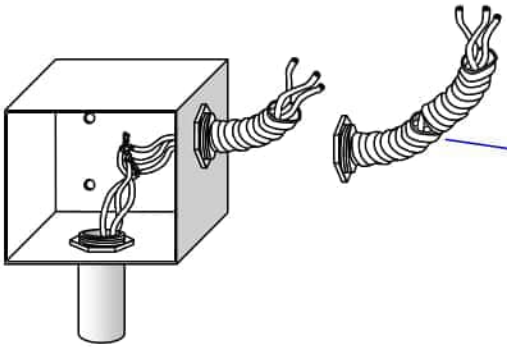
Wells in pits are not appropriate in areas prone to flooding or elevated water tables. The pit or vault should be watertight; however, when a well is located in a pit or vault that is not watertight, the pit or vault must be constructed with proper drainage or an appropriately sized permanent or portable pump shall be provided.



Replace access plug or install an inverted, screened well vent if one is not present. Silicone (or any other caulking) is not an acceptable permanent fix for any well opening deficiencies.



To seal the opening remove the rope, or attach it to an eyebolt on the sanitary seal bottom or drop pipe, and use an access plug. Silicone is not an acceptable permanent fix for any well opening deficiencies. Pump hoisting methods (rope, chain, etc.) extending through the well cap should be removed due to difficulty in providing adequate seal to prevent contaminants from entering the well through the opening. Pump removal can be accomplished per manufacturer's configuration recommendations. Afterwards, replace the opening with an access plug.



An electrical junction box shall be watertight (including at box attachment to the well casing and electrical conduits attached to the box) to prevent contaminants from entering the well. Replace damaged flexible conduit.

2021 EPA REGION 8 WY SANITARY SURVEY FORM
INVENTORY

DATE OF SURVEY: 08/26/2021	**COUNTY:** Lincoln	**SURVEYOR NAME:** Bud Spillman
PWS ID: WY5600156	**SYSTEM NAME:** Town of Alpine	

System representatives (including titles) present at survey: Mr. Craig Leseberg, Public Works Director

Others present: _____

Comments: _____

SYSTEM OWNER OR MUNICIPAL LEGAL REPRESENTATIVE

Addressee Name: Mr. Eric Green
Title: Mayor
Company (if Corporation, name of Corporation): Town of Alpine
Business Mailing Address: Street: 250 River Circle; PO Box 3070
City: Alpine State: WY Zip: 83128
Owner Business Phone: (307) 654.7757
Owner Cell Phone: ( ) NI Fax: ( ) NI
Email Address: mayor@alpinewy.gov

EMERGENCY CONTACT

Emergency Contact Name: Mr. Craig Leseberg
Emergency phone number: (307) 880.2869
Emergency email address: publicworks@alpinewy.gov
Title: Water Operator
Street: 250 River Circle
City: Alpine State: WY County: Lincoln Zip: 83128

PRIMARY ADMINISTRATIVE CONTACT
(to receive ALL correspondence from EPA)

Addressee: Ms. Christine Wagner
Title: Deputy Clerk/Planning & Zoning Secretary
Business Mailing Address: Street: 250 River Circle; PO Box 3070
City: Alpine State: WY County: Lincoln Zip: 83128
Administrative Contact Business Phone: (307) 654.7757
Cell: ( ) NI Fax: ( ) NI
Email Address: alpine@silverstar.com

ADDITIONAL CONTACT
(if any)

Addressee: John Burbridge
Title: Chief Counsel
Street: Wyoming Public Service Commission, 2515 Warren Ave., Suite 300
City: Cheyenne State: WY County: Laramie Zip: 82002
Contact Phone (Business): (307) 777-7427 Cell: ( )
Fax: ( )
Email Address: john.burbridge@wyo.gov Comments: _____

PUBLIC WORKS DIRECTOR,
CITY ENGINEER and/or WATER PLANT SUPERINTENDENT

Addressee: NA
Title: _____
Street: _____
City: _____ State: _____ County: _____ Zip: _____
Contact Phone (Business): ( ) Cell: ( )
Fax: ( ) Email Address: _____

DESIGNATED OPERATOR OF SYSTEM

Name: Mr. Craig Leseberg
Certified Operator? @ ☒ Yes ☐ No ☐ TNC System (not required)
Treatment Cert. Level: 1 Distribution Cert. Level: _____
Treatment Cert. Exp. Date: 12/31/23 Distribution Cert. Exp. Date: _____
Cert. Authority: WYDEQ Cert. Authority: _____
Business Phone: (307) 654.7757 Cell Phone: (307) 880.2869
Business Mailing Address: 250 River Circle; PO Box 3070; Alpine, WY 83128
Contract Operator*? ☐ Yes ☒ No Date contract ends: _____
Email Address: craig.townofalpine@gmail.com
Go to: https://opcert.wyo.gov/OperatorSearch.aspx

ALTERNATE OPERATOR

Name: Mr. Robert Ablondi
Certified Operator? ☒ Yes ☐ No ☐ Not required
Treatment Cert. Level: 4 Distribution Cert. Level: 2
Treatment Cert. Exp. Date: 12/31/23 Distribution Cert. Exp. Date: 12/31/23
Cert. Authority: WYDEQ Cert. Authority: WYDEQ
Business Phone: (307) 413-5252 Cell Phone: (307) 413-3052
Business Mailing Address: 25 S Gros Ventre St, PO Box 4858, Jackson, WY 83001
Email Address: rtablondi@aol.com
Comments: _____
Go to: https://opcert.wyo.gov/OperatorSearch.aspx

WATER SYSTEM CLASSIFICATION
for operator certification

System Treatment Classification Level: NA
System Distribution Classification Level: NA
Comments: Classification: 1 Well
Go to: https://opcert.wyo.gov/FacilitySearch.aspx

WATER SYSTEM CLASSIFICATION
from PWS Inventory

☒ C = Community
☐ NTNC = Non-Transient Non-Community
☐ NC = Transient Non-Community
Comments: _____

SYSTEM PHYSICAL ADDRESS

Street: 250 River Circle
City: Alpine State: WY Zip: 83128

PHYSICAL LOCATION

Physical Location and Directions: From the intersection of US-26 and US-89 (Alpine Junction), proceed south on US-89 for 1.2-miles to the south entrance into River Circle; turn right (west/northerly). The Town Hall parking lot driveway is on the right, approximately 135-feet into River Circle.

DEQ DISTRICT ENGINEER

Mr. Mark Baron, **District Engineer**

Phone: (307) 335.6962

Email: mark.baron@wyo.gov

COUNTY AND/OR CHS SANITARIAN

Mr. Dru Haderlie, **CHS Specialist**

Phone: (307) 279.3276

Email: dru.haderlie@wyo.gov

PERIOD OF OPERATION

☒ Year-round

☐ Part of the year: From _____ to _____

If only open part of the year, does the entire distribution system remain pressurized during the entire off period? ☐ Yes ☐ No

Comments: _____

SERVICE CONNECTIONS

Total Service Connections (Active and Inactive): 528

Service Connections Metered? ☒ Yes ☐ No 88 homes in the Tiny Home Village are served by one meter.

Number of metered service connections: 528

Comments: _____

OWNER TYPE

☐ 1 Federal Government

☐ 2 Private: Subdivision, Investor, Trust, Cooperative, Water Association, etc

Is this PWS operating with a lease on Federal land? ☐ Yes ☒ No

If Yes, enter name of the Federal land here: _____

☐ 3 State Government

☒ 4 Local Government Authority Commission, District, Municipality, City, etc.

☐ 5 Mixed Public/Private

☐ 6 Native American Indian Tribes & Reservations _____

☐ 7 Other _____

Comments: _____

POPULATION DIRECTLY SERVED
(do not include populations of consecutive PWSs)
(do not double count populations)

Residential Population (year-round residents): 1,220 (people)

Non-Residential Non-Transient Population: NI (people)
(6-12 months/year, e.g. students, employees)

Transient Population (less than 6 months/year): NI (people per day)
(Average daily number during peak 60 days of operation)
(e.g. customers, visitors)

Does the water system serve at least 25 individuals daily at least 60 days of the year (does not need to be consecutive days)? ☒ Yes ☐ No

Comments (source(s) of population info): Public Works Director (with assistance from the Town Administrator)

SERVICE CATEGORY (check all that apply)

☐ AP Airport	☐ PC Picnic Area
☐ BA Bathing/Swimming	☐ RA Rest Area
☐ BR Bar	☐ RC Recreation
☒ CG Campground	☒ RS Residential
☒ CH Church	☐ RT Restaurant
☒ DC Daycare Center	☒ RV RV Park
☐ DR Dude Ranch	☐ SC School
☒ HS Hospital	☐ SD Subdivision
☒ IB Interstate Bottler	☐ SK Ski Area
☐ IF Industrial/Agricultural	☐ SS Service Station
☐ IN Institution	☐ US Water User's Association
☐ LB Local Bottler	☒ VC Visitor Center
☒ LO Lodge	☐ VM Vending Machine
☐ MA Marina	☐ WH Water Hauler
☐ MH Mobile Home Park	☐ XX Other _____
☒ MO Motel/Hotel	

Primary Service Category Description: Residential / Municipal

Comments: _____

SOURCES (check all that apply)

☐ SW = Surface Water ☐ SWP = Surface Water Purchased

☒ GW = Groundwater ☐ GWP= Groundwater Purchased

☐ GWUDI = Ground Water Under the Direct Influence of Surface Water

If mixed, does GW receive full SW Treatment? ☐ Yes ☐ No

Is the current water source adequate in quantity?
☒ Yes ☐ No Describe: _____

Have there been any interruptions in service since the last survey?
☐ Yes ☒ No Describe: _____

Have there been reports of a water borne disease (2 or more people)?
☐ Yes ☒ No Describe: _____

Have there been any changes to the water system since the last survey?
☒ Yes ☐ No Describe: Annexed in a new Subdivision, including a new water source "Mega-well"; however, "Mega-well" not currently providing a source to the Town of Alpine system.

Are there any changes that are planned?
☒ Yes ☐ No Describe: Connect "Mega-well" to Alpine Distribution System.

SUMMARY (Describe the water system in a paragraph or two)

The Town of Alpine water system is classified as a community groundwater system. Approximately 1,220 people are served through 528 connections. Three wells provide groundwater to the system's treatment plant (TP01) where flow is chlorinated before being sent to the Lower Tank (ST03). From ST03, flow is to the main areas of the Town's Distribution System, and to Pumphouse (PF01) where it is pumped to the Upper Tank (ST02). ST02 only provides potable water to the Alpine Hillside area; yet can supply the main distribution system in an emergency, through a PRV. The North Star Tank (ST04) floats on the distribution system, serving system demand and maintaining system pressure. The system recently annexed in an area that includes a "Mega-well" and an additional 88 connections. Short-term plans are to connect and bring the "Mega-well" into the Alpine drinking water system.

The following abbreviations will be used throughout this document: NI = no information, NA = not applicable, NR = not requested, @ = potential significant deficiency.

SIGNIFICANT DEFICIENCIES

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that the EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to the EPA could result in a violation.

1) **Gravity Tank ID: ST02 - Upper Storage Tank(250K)**
Overflow screening on finished water storage tank improvement needed*. (see photo #27)

Overflows must be fitted with non-corrodible #24-mesh screen, or a properly sealed flapper or duckbill valve to prevent contamination (including contamination carried by insects, rodents, and birds) from entering the water system. The screen should preferably be installed within the pipe at a location least susceptible to vandalism. When a flapper valve is used, a screen must be placed inside the valve (EPA Region 8 recommends non-corrodible #24-mesh screen be used). In cold climates, use of a flapper or duckbill valve should be considered to minimize air movement and hence ice formation in the tank. In cold climates, provisions should be considered to prevent the flapper or duckbill from freezing shut. Correction of this deficiency will require a permit to construct from the WYDEQ and will require an evaluation by an engineering firm to ensure that no damage will occur to the existing water tank as a result of the modifications to address the significant deficiencies.

2) **Gravity Tank ID: ST02 - Upper Storage Tank (250K)**
Air vent screening on finished water storage tank improvement needed*. (see photo #30)

The vent must be fitted with a #24-mesh non corrodible screen to prevent contamination (including contamination carried by insects, rodents, and birds) from entering the water system. The screen should preferably be installed within the vent at a location least susceptible to vandalism.

3) **Gravity Tank ID: ST03 - Lower Storage Tank (500K)**
Overflow screening on finished water storage tank improvement needed*. (see photo #14)

Overflows must be fitted with non-corrodible #24-mesh screen, or a properly sealed flapper or duckbill valve to prevent contamination (including contamination carried by insects, rodents, and birds) from entering the water system. The screen should preferably be installed within the pipe at a location least susceptible to vandalism. When a flapper valve is used, a screen must be placed inside the valve (EPA Region 8 recommends non-corrodible #24-mesh screen be used). In cold climates, use of a flapper or duckbill valve should be considered to minimize air movement and hence ice formation in the tank. In cold climates, provisions should be considered to prevent the flapper or duckbill from freezing shut. Correction of this deficiency will require a permit to construct from the WYDEQ and will require an evaluation by an engineering firm to ensure that no damage will occur to the existing water tank as a result of the modifications to address the significant deficiencies.

4) **Gravity Tank ID: ST04 - Alpine Tank (540K)**
Unknown integrity of storage tank air vent due to the inability to inspect vent during site visit.

Hornet's nest was discovered at the ladder and access was ended.

The sanitary surveyor was unable to evaluate the tank air vent, and the water system was not able to produce documentation of the condition of these components. Each item that could not be inspected during the sanitary survey must be inspected and the structure/condition must be compared to the enclosed Tech Tips for Finished Water Storage Facilities to determine if corrective action is needed. Tank inspectors can be third-party professionals or appropriately trained in-house staff.

In order to correct this significant deficiency you must provide the EPA with the following documentation:

- A completed copy of the Unknown Integrity Checklist.
- A copy of the inspection report. The inspection report must describe the condition of each specified tank component and include photographs.
- The date that any corrective actions needed to address deficiencies with the tank components will be completed. EPA will review the inspection report and may require additional corrective actions.

5) **Gravity Tank ID: ST04 - Alpine Tank (540K)**
Hatch on Finished Water Storage Tank does not have a locking device. (see photo #35)

The cover must have a locking device.

UNCORRECTED SIGNIFICANT DEFICIENCIES FROM PRIOR SANITARY SURVEY

No uncorrected significant deficiencies from prior sanitary survey.

RECOMMENDATIONS

No recommendations at this time.

SOURCE DATA
ACTIVE (PHYSICALLY CONNECTED) WELLS AND WELL PUMPS
(if well is GWUDI and fully treated as SW, these will be recommendations)
☐ NA

Well Name:	Well #1	Well #2	Well #3
Well owner (if different than system owner)			
Facility ID (from PWS inventory, e.g., WL01):	WL01	WL02	WL03
Well Location: (well house, well pit/pitless adapter, driveway/parking lot, combination, etc.)	Pitless Adapter	Pitless Adapter	Pitless Adapter
Does system want this well to be considered inactive? @	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Adequately protected from vehicle damage? @	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No
If well is located in a pit or vault, is the pit or vault completely watertight?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
If no, is the pit or vault completed with drainage or a sump pump for permanent or portable use? @	☐ Yes ☐ No ☒ NA Type:	☐ Yes ☐ No ☒ NA Type:	☐ Yes ☐ No ☒ NA Type:
Is the pit located in a building?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
WY DEQ and/or WY SEO permit #:	P39163; 3rd Enl P189882	P77717; Enl P189883	P198240
Are there any approved WY DEQ Chapter 12 variances for this well? If yes, describe what type of variance was approved.	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Total Well Depth (ft):	275	243	267
Depth range of shallowest casing perforations (ft):	180 to NI	101 to 102	230 to 267
Current yield (gpm):	600	450	400
Pumping water level (ft below ground surface) and date measured:	NI	NI	NI
Static water level (ft below ground surface) and date measured:	NI	NI	NI
Well log or Statement of Completion on site? **(If yes, please copy or photograph and submit with report)**	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No
Well Construction			
Does SW runoff drain away from the wellhead (including wells in pits or vaults)? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Does well casing terminate at least 12" above the concrete floor? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Does the well casing terminate at least 18" above the natural ground surface? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
What is the actual casing height (inches)?	20.5	20.5	20
Any holes or openings observed in the well or its appurtenances? @ If yes, describe	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA
Does the well have a sanitary seal with tightly bolted cap? @ (May need operator to open well cap to verify, explain why if unable to verify)	☒ Yes ☐ No ☐ Unknown	☒ Yes ☐ No ☐ Unknown	☒ Yes ☐ No ☐ Unknown
Is a gasket visible?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Does the well cap move?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA
Explain	Operator removed well-cap bolts for inspection.	Operator removed well-cap bolts for inspection.	Operator removed well-cap bolts for inspection.
Is well vented (vent not required)?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
What is the height from the ground level to the screen of the vent (inches)?	22.5	23	22.5
Does the vent terminate at or above the top of the casing or pitless unit? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is vent facing downward? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Vent screened with #24 mesh? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA

Well Name:	Well #1	Well #2	Well #3
Is there a source water sample tap for GWR compliance?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the tap located prior to all treatment processes?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Where is the source water tap located?	Well House	Well House	Well house
If it is a combined tap What wells does the sample tap represent?	☒ NA Well #1	☒ NA Well #2	☒ NA Well #3
Is there an air release/vacuum relief valve (not required)?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Discharge Piping Termination			
- In a downward position? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
- At least 8" above the floor? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
- Screened with #24 mesh? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Comments:	____	____	____
Well Pumps	☐ NA		
Submersible Pump?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Other type of pump? (if other, describe and indicate location in the comment field below)	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Pump Make/Model/HP:	Jacuzzi Brothers, Inc./NI/50 HP	Red Jacket/NI/40 HP	Robbco/7THC, 5-Stage/75 HP
Normal operating pressure at pump house (psi):	80	80	80
Date pump last replaced:	May, 2021	NI	NI
Pump run time at time of visit (min):	10 min	NA	NA
NSF-60 lubricant used?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Operable?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Maintenance program in place?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the external pump subject to flooding? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Spare parts/pump available (specify in comments)?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA
Emergency power available?	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA
Comments (include pump operation sounds, leakage observed, operator concerns)	____	____	____

Are there any known sources of pollution near the wells which could possibly impact water quality? @ ☐ Yes ☒ No
Examples: Septic systems, chemical storage/mixing facilities, agriculture activities, industrial activities, animal enclosures, cleaning supplies, oil/fuel, etc)

If yes, indicate impacted well(s) and provide general location and comments (please locate on aerial map and provide photos): NA

How far from the well is the source of pollution located? NA

Mice or other animals and their droppings in immediate area (well house, vault, pit, etc.)? @ ☐ Yes ☒ No ____

Are there seasonal variations in the quantity of the water? ☐ Yes ☒ No ____

Are there seasonal variations in the quality of the water? ☐ Yes ☒ No ____

How does the system handle sewage?

☒ Centralized Sewage Treatment
☐ Septic Systems with Pumped Vaults
☐ Septic Systems with Leach Fields (mark location on aerial if near well)

Comments: ____

SOURCE DATA

EMERGENCY BACKUP SOURCE WATER

Describe any backup source water possibly available during an emergency to the PWS, or indicate none: None

Is the backup water source physically disconnected from the water system? ☐ Yes ☐ No ____
(if this is a raw water source and is still physically connected to the system, then stop filling out this section and complete the applicable source data section)

RAW WATER TO TREATMENT PLANT TRANSMISSION LINE

☐ NA

Name or designation: Transmission Line

SW ☐ GW ☒ GU ☐

Point of origin: Wells

Point of termination: Lower Storage Tank (ST03)

Approximate Length: 1.25 - 1.5 miles

Material: 8" PVC

Is there asbestos pipe in the water system between the source and the treatment plant? ☐ Yes ☒ No

If yes, what are the location and estimated linear feet of the asbestos pipe in the transmission line? ____

Are there any service connections off the raw water transmission line? @ ☒ Yes ☐ No ____
(Check yes only if the water system provides treated water to the rest of the distribution system)

What does each connection serve? Operator indicated that the Wastewater Treatment Plant office area used the well water source - prior to any treatment - for "Potable purposes" found in an office setting.

If used for potable water supply, is there a legal agreement or contract in place? ☐ Yes ☐ No NA

If used for potable water supply, is the water treated at the connection and how? ☐ Yes ☐ No NI

DISTRIBUTION BOOSTER PUMP STATIONS

☐ NA

Total number of booster stations in the distribution system: 1

Are there any new booster stations since the previous survey? ☐ Yes ☒ No

Are there any booster stations the system has had problems with since the previous survey? ☐ Yes ☒ No

Are there any booster stations where chlorine is added? ☐ Yes ☒ No

Name/location of the pump station: Booster Pump Station; located at the Pumphouse (PF01) site.

How many pumps at the facility? Two

Incoming pressure (suction side) of booster station (psi): 81

Outgoing pressure (discharge side) of booster station (psi): 132

Type/Make/Model/HP of pumps: Pentair/Aurora/15 HP

Estimated run time of booster pump(s) at time of visit (min): Zero

Are booster pumps operated with Variable Frequency Drives (VFDs)? No

	Yes	No	NA	
Are the correct types of lubricants (NSF-60) used?	☒	☐	☐	____
Is the pump station subject to flooding? @	☐	☒	☐	____
Are pumps operable and in good condition?	☒	☐	☐	____
Is there a maintenance program in operation?	☒	☐	☐	____
Are spare pumps/parts available (specify)?	☒	☐	☐	____
Is emergency power available?	☒	☐	☐	____

GRAVITY TANKS

☐ NA

Complete for all tanks at ground water systems and consecutive systems Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells and contact tanks or other finished water tanks.)			
Tank Name:	**Upper Storage Tank**	**Lower Storage Tank**	**Alpine Tank**
Tank ID (from PWS inventory, e.g., ST01):	ST02	ST03	ST04
Tank owner (if different than system owner):	____	____	____
Location (indoor or outdoor):	Outdoor	Outdoor	Outdoor
Date put into service	1977	Late 1990s	2006
Tank Type: Below ground (buried or partially buried) / Ground level / Elevated (pedestal or standpipe)	☒ / ☐ / ☐	☒ / ☐ / ☐	☐ / ☒ / ☐
Tank is constructed of: Concrete / Steel / Fiberglass / Other	☒ / ☐ / ☐ / ____	☒ / ☐ / ☐ / ____	☐ / ☒ / ☐ / ____
What type of water is stored (GW systems only)?	☒ Treated ☐ Raw	☒ Treated ☐ Raw	☒ Treated ☐ Raw
Storage Volume (gallons)?	250,000	500,000	543,000
Are there any approved WY DEQ Chapter 12 variances for this tank? If yes, describe what type of variance was approved.	☐ Yes ☒ No ____	☐ Yes ☒ No ____	☐ Yes ☒ No ____
Is the site subject to flooding? @	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Can the tank be isolated from the system?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No
Is the water level indicator accurate?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No
Does the tank have a mixer?	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Does the tank appear structurally sound? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☒ Yes ☐ No ☐ NA
Does the foundation appear structurally sound? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☒ Yes ☐ No ☐ NA
Are there unprotected openings in the tank (breaches, leaks, etc.)? @	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
Inspection and cleaning history			
If the tank is more than 10 years old, was it cleaned and inspected within the last 10 years? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
When and how was the tank last cleaned and inspected?	2018 - Divers	2018 - Divers	2018 - NI
Who performed the cleaning and inspection?	Rubicon Applied Divers	Rubicon Applied Divers	Prior operator.
How was the tank disinfected after cleaning? (NA if diver used)	NA	NA	As per AWWA Standards
Surveyor able to view report and confirm date?	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No
If yes note major concerns and/or recommendations:	None	None	____
If Carcasses or other debris found in the tank:			
Was EPA notified immediately?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Was the entry point for the carcass or debris eliminated?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Describe:	____	____	____
Overflow			
Does the tank have an overflow separate from the vent? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the overflow accessible for inspection? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Overflow has a #24 mesh screen OR a duckbill valve OR a properly sealed flapper valve with screen of any size inside (EPA recommends a #24 mesh screen)? @	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☒ Yes ☐ No ☐ NA
Does the overflow line terminate no less than 12 inches but no more than 24 inches above the ground surface? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the discharge visible?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Comments about overflow:	____	____	Height OK

Complete for all tanks at ground water systems and consecutive systems Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells and contact tanks or other finished water tanks.)			
Tank Name:	**Upper Storage Tank**	**Lower Storage Tank**	**Alpine Tank**
Drain Line			
Combined overflow and drain pipe? (If yes, skip drain questions)	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA
Is the drain accessible for inspection? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Is there #24 mesh screen on the drain pipe?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Does water accumulate in the drain discharge area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Does the drain pipe terminate between 12 and 24 inches above a drainage area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Does the drain pipe terminate above an inlet structure, splash plate, or engineered rip-rap?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
Comments about drain:	____	____	Drains through system
Air Vent			
Does the tank have a vent separate from the overflow? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the vent accessible for inspection? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA
For above ground tanks (ground level or elevated/standpipe):			
Is there #24 mesh screen? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
If not #24 mesh screen, what size mesh is the screen?	____	____	NI
Does the tank have a vacuum/pressure relief valve or other mechanism to prevent tank damage?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☒ No ☐ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Downturned vent: Is the vent at least 24" above the roof? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
For non-downturned vents: Is there a solid cover down to the bottom of the vent screen? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
For non-downturned ventsis the screen at least 8" above the roof surface? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Below Ground Tanks (buried or partially buried)			
Is air vent covered with #24 mesh screen? @	☐ Yes ☒ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ NA
Does the air vent terminate downward@	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ NA
Is the air vent at least 24" above the roof or ground surface (whichever is higher)? @	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☒ NA
Comments about air vent:	Screen appears to be #16-mesh.	23 inches - height OK	Disturbance of a hornet nest prevented inspection of the vent.
Access Hatch			
Is the hatch accessible for inspection? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
For below ground tanks where the roof is completely buried, is the hatch raised at least 24" above ground level? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA
For partially buried tanks where a roof is visible, is the hatch raised at least 24" above the roof? @	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☒ NA
For above ground tanks (ground level or elevated) is the hatch raised at least 4" above the roof? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☒ Yes ☐ No ☐ NA
What is the height of the access hatch above the roof or ground surface?	14.75 in	14.5 in	4.25 in
Does the hatch have a shoe box cover? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the hatch cover tight and sealed with a rubber gasket? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA
Is the hatch cover locked? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA
Comments about access hatch:	Height OK	Height OK	____
Comments:	____	____	____

WATER TREATMENT DATA
GROUNDWATER and CONSECUTIVE SYSTEMS THAT HAVE AVAILABLE TREATMENT

☐ NA

Describe the steps (as many as necessary) of the treatment process in order from the water source to distribution: 12.5% Sodium Hypochlorite Feed

Plant Output (gal/day)

Design: 800,000 gpd

Maximum: 850,000 gpd

Any changes to treatment since the last sanitary survey? ☐ Yes ☒ No

Describe: No changes since the last survey.

	Step 1	Step 2	Step 3	Step 4
Process	☒ Chemical 12.5% Sodium Hypochlorite Manufacturer Brenntag Pacific Product Name 12.5% Sodium Hypochlorite (photograph the product label) Yes No NSF 60 Certified? ☒ ☐ ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____ Dosage: 0.6 ppm	☐ Chemical ____ Manufacturer ____ Product Name ____ (photograph the product label) Yes No NSF 60 Certified? ☐ ☐ ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____ Dosage: ____	☐ Chemical ____ Manufacturer ____ Product Name ____ (photograph the product label) Yes No NSF 60 Certified? ☐ ☐ ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____ Dosage: ____	☐ Chemical ____ Manufacturer ____ Product Name ____ (photograph the product label) Yes No NSF 60 Certified? ☐ ☐ ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____ Dosage: ____
NSF 60 certification and max. allowable dose info. can be found at: http://info.nsf.org/Certified/PwsChemicals/				
Objective:	☒ Disinfection ☐ Particulate removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Disinfection ☐ Particulate removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Disinfection ☐ Particulate removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Disinfection ☐ Particulate removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____
Is this process required by EPA?	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Location of process?	☐ At Well ☒ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____
Is this process adequate to meet the objective?	☒ Yes ☐ No Explain: No TC+ and measurable chlorine residual	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____
Frequency of use:	☒ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____
Redundant Equipment?	☐ Yes ☒ No Explain: None on-site	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____
Backup power?	☒ Yes ☐ No Explain: On-site Generator at Well # 1 (WL01) & Pumphouse (PF01) location.	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____

WATER TREATMENT DATA (FOR ALL SYSTEMS)
CORROSION CONTROL

Does this PWS add chemicals for corrosion control (If yes, photograph the corrosion control system)? ☐ Yes ☒ No

Comments: _____

Chemical added:	NSF 60 Certified?	Dosage at Treatment Plant	Type of System	Added Continuously or Seasonally
_____	☐ Yes ☐ No	_____	☐ Flow-based ☐ Constant feed	☐ Continuously ☐ Seasonally ☐ Other (Specify in comments)
_____	☐ Yes ☐ No	_____	☐ Flow-based ☐ Constant feed	☐ Continuously ☐ Seasonally ☐ Other (Specify in comments)
_____	☐ Yes ☐ No	_____	☐ Flow-based ☐ Constant feed	☐ Continuously ☐ Seasonally ☐ Other (Specify in comments)
_____	☐ Yes ☐ No	_____	☐ Flow-based ☐ Constant feed	☐ Continuously ☐ Seasonally ☐ Other (Specify in comments)

Does this PWS monitor corrosion control treatment chemical concentrations, pH or any other water quality parameters at the entry point to the distribution system or at customer taps to evaluate the process? ☐ Yes ☐ No

If yes, what parameters are measured, where are samples taken, and how often? _____

Comments: _____

DISTRIBUTION DATA

Please provide a brief description of the distribution system, including source to use piping: 4", 6", 8" and 10" PVC Mains. 90% of service lines are poly tubing; others are galvanized or copper

Is there asbestos pipe in the distribution system? ☐ Yes ☒ No
If yes, what are the location and estimated linear feet of the asbestos pipe in the distribution system? ____

Have lines broken due to freezing? ☐ Yes ☒ No ____
Have lines broken due to traffic load? ☐ Yes ☒ No ____

Are lines properly disinfected after repairs are made? ☒ Yes ☐ No ____

According to the system representative, is there at least 35 psi pressure in the distribution system at peak flow? ☒ Yes ☐ No ____

According to the system representative, is there at least 20 psi at all points in the system at all times? @ ☒ Yes ☐ No ____

How does the water system monitor distribution pressure? Pressure gauge in Wellhouse

Pressure measurement and location (if measured at the time of the survey): Shop hydrant - 97 psi.

Distribution water loss rate (%): NI

Does the system provide fire protection (fire hydrants located in distribution)? ☒ Yes ☐ No ____

According to the system representative, total gallons produced per source:
Source #1: Wells Flow rate (gpm): NI Volume produced (MG/year): NI Peak month production (MG/month): NI

For systems that provide water storage: NA ☐

Total number of days of storage (Summer)? 1 Total number of days of storage (Winter)? 10

Is the storage capacity adequate to meet current needs? Yes ☒ No ☐ NI ☐

Is the storage capacity adequate to meet future needs? Yes ☒ No ☐ NI ☐ Comments: Depends on extent of growth currently being witnessed.

Are there any bulk water supply/fill stations attached to this system? ☐ Yes ☒ No ____

Note to surveyor: if yes, check each facility, note its condition and provide photos

Station name (if applicable)	Location	Appropriate Air Gap or RPZ?	Comments
NA	____	☐ Air Gap ☐ RPZ ☐ Neither @	____
____	____	☐ Air Gap ☐ RPZ ☐ Neither @	____
____	____	☐ Air Gap ☐ RPZ ☐ Neither @	____

Are there any air relief valves in vaults/pits located in the distribution system? ☒ Yes ☐ No ____

Note to surveyor: If yes, inspect one representative ARV, note its condition and provide photos

Are they regularly inspected and maintained? ☒ Yes ☐ No ____

Do any have leaks and/or standing water that covers the discharge point? @ ☐ Yes ☒ No ____

Location, length, number, and flushing frequency for dead ends in the system: Fire hydrants flushed twice/year.

Are distribution system ("as-built") drawings maintained (e.g., revised to show replacement or repair?) ☒ Yes ☐ No ____

For systems that add a chemical disinfectant or receive disinfected water from a wholesaler: NA ☐

Yes	No	
☒	☐	Is test equipment available for measuring the chlorine residual in the distribution system? Describe equipment: HACH Pocket Colorimeter
☒	☐	Are reagents up to date? 3/26
☒	☐	Does the operator know how to properly measure chlorine residual? ____

Measured chlorine residual distribution system location: Town Shop Time of analysis: 11:27 AM

Indicate residual value measured at this distribution system location: By Surveyor: 0.44 (mg/L) By PWS: 0.37 (mg/L)

Was free or total chlorine measured? Free It is recommended to maintain a minimum residual of 0.5 mg/L total or 0.2 mg/L free chlorine.

CROSS CONNECTION CONTROL

Yes	No	NA	
☒	☐	☐	**Does each severe hazard connection** have the appropriate reduced pressure backflow assembly installed at the meter/service connection and approved air gap (twice the size of the supply pipe diameter but always greater than one inch)? Describe each severe hazard connection and its location. @ WWTP Note: Severe hazard connections include radioactive materials processors, nuclear reactors, and sewage treatment plants/pump stations.
☒	☐	☐	**Does each high hazard connection** in the treatment plant or distribution system have the appropriate air gap or reduced pressure backflow assembly installed? Describe each high hazard connection and its location. @ _____ Note: High hazard connections include hospitals, medical/dental facilities, laboratories, mortuaries, large taxidermies, chemical suppliers/processing facilities, petroleum plants, food processing facilities, wastewater treatment plants, and docks, car washes, dry cleaners, direct connections to raw or non-potable water, and any service connection with an unapproved auxiliary supply.
☐	☐	☒	Do **trailers or mobile homes connected directly to the PWS** via a yard hydrant have a residential dual check valve at each connection? Not allowed in community
☒	☐	☐	Are any **frost-free hydrants** that drain into the soil directly connected to this PWS? _____
☐	☒	☐	Are there any leaking system components in the water system observed by the surveyor that are not previously noted? @ Explain where and what was leaking: _____
☒	☐	☐	**At Community PWS**, do all low hazard connections have the appropriate dual check valve assemblies installed at the meter or service connection? _____ Note: Low hazard connections include mobile home parks, farms/dairies, ranches, and shopping centers.
			For Non-community Systems, do the following connections have the indicated type of backflow prevention assemblies?
☐	☐	☒	- Stock tanks – approved air gap or atmospheric vacuum breaker at the tank? @ _____
☐	☐	☒	- Threaded yard hydrants – pressure vacuum breaker, atmospheric vacuum breaker or double check valve assembly? _____
			Does the water supplier have a record keeping program and management procedures to ensure:
☒	☐	☐	- The installation and certification by test or inspection (as applicable) of all backflow preventers (BFPs) at new service connections _____
☐	☒	☐	- The annual certification by a certified tester of all high-hazard BFPs at service connections. _____

SAFETY

Personnel Safety

Yes	No	NA	
☒	☐	☐	Are all personnel trained in proper handling of all utilized chemicals and materials? _____
☒	☐	☐	Are adequate masks, protective clothing, and safety equipment provided? _____
☒	☐	☐	Does the operator understand relevant Occupational Safety and Health Administration (OSHA) regulations (e.g., confined space, hazard communication, trenching/shoring, lock out/tag out)? _____

Chemical Safety NA ☐

Yes	No	NA	
☒	☐	☐	Are oxidizers, corrosives, and flammables stored in separate areas and in closed, marked containers? _____
☐	☐	☒	Are flammables stored in appropriate containers and cabinets away from combustion sources? None
☒	☐	☐	Is there adequate ventilation in the areas where solvents, aerosols, and chemical feeders are in use? _____
☒	☐	☐	Are bulk storage areas physically isolated from treatment areas to prevent spills from entering treated or untreated water? _____
☒	☐	☐	Is the fire department familiar with the facilities and their contents? _____

MANAGEMENT DATA

Yes	No	NA	
☒	☐	☐	Are there rules governing new hookups to protect the integrity of this water system? _____
☒	☐	☐	Are DEQ construction standards followed? _____
☒	☐	☐	Is the treatment plant being properly operated to prevent inadequately treated water from being sent to the distribution system? @ _____
☒	☐	☐	Does the system have arrangements in place to assure prompt supply and repair service? _____
☐	☒	☐	Does the system have a current operations and maintenance manual which describes all procedures, equipment, sampling schedules and inspection data? _____
☒	☐	☐	Is there a schedule for routine preventative maintenance for all facilities and equipment? Not formally in a document.
☒	☐	☐	Does the system (treatment plant, finished water storage) have security measures in place (fencing, locks, lighting, alarms, etc.)? Locks, neighbors.
☒	☐		Does the system have an emergency response plan (ERP) – system does not need to show the surveyor the ERP --that includes: @ _____
☒	☐		- Emergency contact phone numbers? _____
☒	☐		- Procedures to respond to a pressure loss/water outage? _____
☒	☐		- Procedures to respond to a water contamination incident? _____
☐	☒		- Is the ERP accessible to the operator on-site? _____
☒	☐		Is the system part of the state's Water and Wastewater Agency Response Network (WARN)? _____
☐	☒		Have you evaluated possible impacts to your system from extreme weather events? If yes, what was the outcome? _____
☒	☐		Are you interested in training on extreme weather events? _____
☐	☒		Have you evaluated your facilities to see if they are in the 100 and 500 year flood plains? _____ If yes, what was the outcome? _____
What percentage of the utility's power comes from your own renewable energy sources? Zero % wind: _____ % solar: _____ % hydro: _____			

FINANCIAL CAPACITY
COMMUNITY SYSTEMS

☐ NA

Yes	No	NA	
☒	☐	☐	Does the water system have an annual budget? _____
☒	☐	☐	Is the rate structure for water customers based on metered water use? _____
☒	☐	☐	Are procedures in place to handle delinquent accounts? _____
☒	☐	☐	Are purchasing procedures in place for equipment, materials, chemicals, lab analysis, etc.? _____
List rates: Minimum ($):24.00 + ($) 1.75 per 1,000 gallons thereafter Or, ($):_____(Flat Rate)			
What percentage of your customer accounts are delinquent? 0.1%			

MONITORING AND RECORDS

Revised Total Coliform Rule (RTCR) monitoring (all systems)

Yes	No	
☒	☐	Does the operator know how to collect and properly label samples for total coliform analysis? (Review operator sampling procedure at time of survey to confirm) _____
☒	☐	Does the operator know what to do in the event of a total coliform postitive result? _____ They will need to take 3 repeat samples under the RTCR utilizing the regular lab form: For an explanation go to the EPA Region 8 Drinking Water Online website (http://www.epa.gov/region8-waterops) - "click" on **Revised Total Coliform Rule (RTCR)** (under Regulations and Compliance) - "click" on **Tech Tip: TC+ Follow Up** (in green box) - Follow the 5 steps described in the Tech Tip for follow up sampling after a TC+ sample
☒	☐	Are extra bottles available in case of need for repeat total coliform sampling? _____
☒	☐	Does the system have an RTCR sampling plan on file and available for the surveyor's review (give date of plan)? 2020
☒	☐	Ask the operator - Is the system following their RTCR sampling plan? If No, explain any difficulties _____

If subject to the Ground Water Rule (GWR), does the operator know: NA ☐

Yes	No	NA	
☒	☐	☐	Within 24 hours of being notified of a *routine total coliform* positive sample result, they must collect one triggered source water sample for *every* routine total coliform positive sample at each active ground water source (e.g., three routine total coliform positive samples requires the operator to collect three source water samples from *each* ground water source)? _____
			They will need to submit:
☒	☐	☐	- Source water sample results utilizing the triggered Ground Water Source Sampling Form located on the Drinking Water Online site (http://www.epa.gov/region8-waterops)? _____
☒	☐	☐	Where to sample (if they are required to sample all of their active ground water sources)? _____
☒	☐	☐	Are extra bottles available in case of the need for GWR source sampling? _____

For Community and NTNC systems (including consecutives): NA ☐

Yes	No	NA	
☒	☐	☐	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? _____
☒	☐	☐	- Does the plan layout represent the current distribution system? _____
☐	☒	☐	In the last 5 years, has the distribution system been expanded to new service areas? - If Yes, please describe the expansion. Neighboring area has been annexed; however, no water service currently provided to area.
☒	☐	☐	Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? _____
☒	☐	☐	- Is it up to date? _____
☒	☐	☐	- Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties _____

For All Systems:

Yes	No	NA	
☒	☐	☐	Does the operator know the location of each sample tap that represents the entry point(s) to the distribution system? (sample location for Nitrates, RADs, IOCs, SOCs and VOCs) _____ Include, in your photo document, a photo of each sample tap used by the operator to collect samples at the entry point(s) to the distribution system. Show in the photo or in the photo comments where the sample tap is located relative to other water system facilities that are identified on the system schematic.
☒	☐	☐	Does the operator know how to properly label samples taken from the entry point(s) to the distribution system? _____ Document the sample point code and sample point description for each entry point. The sample point code(s) and sample point description(s) are indicated on the system schematic with a star. This information is how compliance samples should be labeled and the lab's chain of custody completed. (e.g., Sample Point Code and Sample Point Description, such as SP01/Treatment Plant Sampling Point). _____
☒	☐	☐	Has the PWS completed the monitoring that is specified in the EPA-provided monitoring schedule so far for this calendar year? _____
☒	☐	☐	Are copies of all monitoring results filed and readily accessible? _____
☒	☐	☐	Is the operator familiar with the Drinking Water Online (http://www.epa.gov/region8-waterops) and Drinking Water Watch (https://sdwisr8.epa.gov/Region8DWWPUB/) websites created for their benefit? _____

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 1

Subject:
Well #1 (WL01)

Comments:
Looking northeasterly. Operator had removed well-cap bolts for inspection.



1

Photo #: 2

Subject:
Well #1 (WL01)

Comments:
Well cap measures 20.5" above concrete slab; and vent shroud measures 22.5" above grade.



2

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 3

Subject:
Well #1 (WL01)

Comments:
Gasket between cap & casing.



3

Photo #: 4

Subject:
Well #2 (WL02)

Comments:
Looking easterly



4

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 5

Subject:
Well #2 (WL02)

Comments:
Well cap measures 20.5" above grade.



5

Photo #: 6

Subject:
Well #2 (WL02)

Comments:
Gasket between well cap & casing pipe.



6

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 7

Subject:
Well #3 (WL03)

Comments:
Looking southwesterly.



7

Photo #: 8

Subject:
Well #3 (WL03)

Comments:
Well cap measures 20" above grade; and well vent 22.5" above grade.



8

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 9

Subject:
Well #3 (WL03)

Comments:
Gasket between well cap & casing pipe.



9

Photo #: 10

Subject:
Chlorinator (TP01)

Comments:
Well production inflow into chlorination room. Each well has its own air-vac on the inlet piping. Well inlets are numbered left to right as: Well #2 (WL02), Well #3 (WL03) and Well #1 (WL01). Chlorine solution is injected into fitting visible on the left edge of photo.



10

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 11

Subject:
Chlorinator (TP01)

Comments:
Chlorine solution feed pump – on the right-side of shelf.

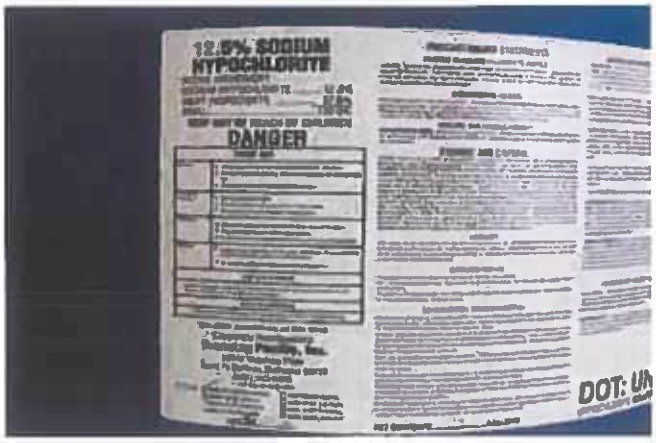


11

Photo #: 12

Subject:
Chlorinator (TP01)

Comments:
12.5% chlorine solution product used for disinfection purposes.



12

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 13

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Overflow discharges 14" above splash area.



13

Photo #: 14

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
#24-mesh screen on overflow outfall is damaged, resulting in a loss of integrity.



14

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplat
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 15

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Southerly vent structure, looking north. Vent devices were enclosed within "cages" and unavailable for close inspection. Appeared to have #24 mesh.

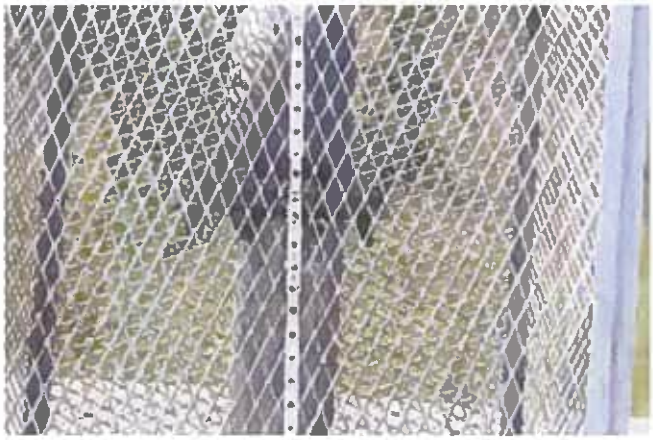


15

Photo #: 16

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Vent screen (between flanges) measures 23" above the tank roof.



16

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 17

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Northwesterly vent configuration.

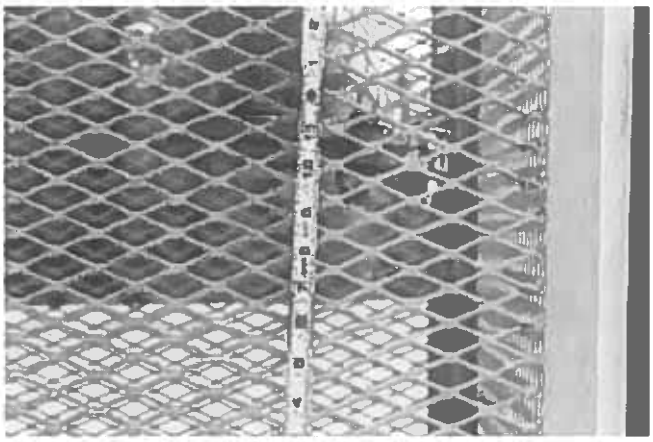


17

Photo #: 18

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Vent screen terminates 23.875" above roof deck.



18

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 19

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Looking northerly. Hatch is located on the circumference about 105° bearing from tank center.



19

Photo #: 20

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Looking northerly. Tank hatch locked and the hatch lid measures 14.5" above roof deck.



20

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 21

Subject:
Lower Storage Tank (500K) (ST03)

Comments:
Hatch lid equipped with rubber gasket uniformly around the perimeter of the lid.



21

Photo #: 22

Subject:
Pumphouse (PF01)

Comments:
Located within same structure as Chlorinator (TP01) – two separate rooms. These two booster pumps take suction from the Lower Storage Tank (500K) (ST03), and pump to the Upper Storage Tank (250K) (ST02) for distribution.



22

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplat
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 23

Subject:
Pumphouse (PF01)

Comments:
Suction comes in near the far wall and pumps discharge into "light blue" header, to storage.



23

Photo #: 24

Subject:
Pumphouse (PF01)

Comments:
Meter and air-vac valve on discharge piping of booster pumps.



24

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 25

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Overflow outfall over native rock structure.



25

Photo #: 26

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Overflow outfall invert measures 14" above splash area. #24 mesh screen inside of the ¼" exterior screen.



26

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplat
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 27

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Overflow #24 mesh screening lacks integrity and sealing.



27

Photo #: 28

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Vent device enclosed within cage.



28

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 29

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Vent screen measures 30" above the tank's roof deck.



29

Photo #: 30

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Vent screen appears to be #16-mesh screen.



30

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 31

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Tank hatch located in southern arc of tank.



31

Photo #: 32

Subject:
Upper Storage Tank (250K) (ST02)

Comments:
Hatch measures 14.75" above roof deck.



32

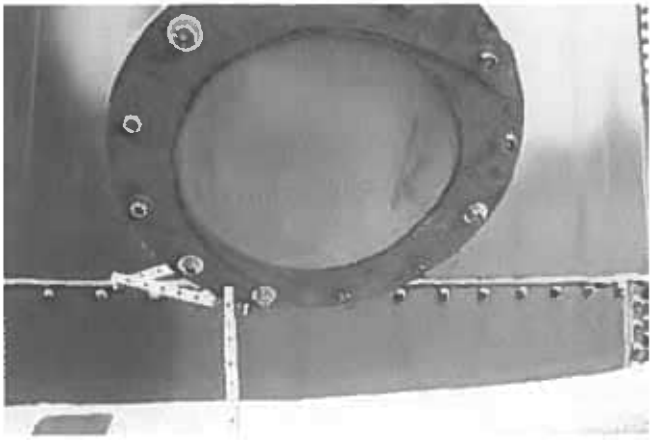
EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplate
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 33

Subject:
Alpine Tank (540K) (ST04)

Comments:
Overflow measures 35.5" above grade.



33

Photo #: 34

Subject:
Alpine Tank (540K) (ST04)

Comments:
Only photo of tank air vent. Disturbed a hornet's nest living in the handrail and the roof inspection ended.



34

EPA Official Photographs
PWS #: WY5600156
System Name: Town of Alpine

Document Control Number: R8FQPTemplat
Date: 08/26/2021
Photographer: Bud Spillman

Photo #: 35

Subject:
Alpine Tank (540K) (ST04)

Comments:
Tank hatch measures 4.25" above roof deck.



35

Photo #: 36

Subject:
Alpine Tank (540K) (ST04)

Comments:
Hatch lid gasket uniform around the perimeter of lid.



36

EPA Region 8 Drinking Water Unit Finished Water Storage Tank Inspection/ Cleaning Checklist Fill out one checklist per storage tank & submit labeled photos of each tank component with this form			
PWS Name: _____		PWS ID: _____	
Tank Name: _____		Tank ID: _____	
Proposed Inspection Date: _____		Actual Inspection Date: _____	
Name of Person Filling Out Form: _____		Title of Person Filling Out Form: _____	
I certify that this information is complete and accurate:		Date:	

Inspector Qualifications (answer to all questions must be "yes")	
Name and contact information of inspector (if water system personnel) or inspection company: _____	
☐ Yes ☐ No	Has the inspector completed confined space training?
☐ Yes ☐ No	Did the inspector have a confined space entry permit?

Overall Tank Condition				
Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No	Does the tank appear to be structurally sound?	If no, what repairs are suggested by the tank inspector? _____	_____	_____
☐ Yes ☐ No	Are there any unprotected openings in the tank (breaches, leaks, daylight coming through tank in spots, etc)	If yes, indicate type of breach and how it should be repaired. _____	_____	_____

Air Vent				
Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No ☐ NA	Does the tank have a vent separate from the overflow?	If no, indicate proposed correction:_____	_____	_____
Above Ground Tanks (Ground Level or Elevated) ☐ Check if NA				
☐ Yes ☐ No ☐ NA	Downturned vent: Is the vent at least 24" or 3 pipe diameters above the roof?	If no reconfigure vent to provide proper air gap.	_____	_____
☐ Yes ☐ No ☐ NA	Non-downturned vent: Is there a solid cover down to the bottom of the vent screen?	If no, indicate deficiency and proposed correction: _____	_____	_____
☐ Yes ☐ No ☐ NA	Non-downturned vent: Is the screen at least 8" above the roof surface? What is the height of the start of the screening above the tank? _____	If no, indicate deficiency and proposed correction: _____	_____	_____

☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening (some exceptions apply)? Mesh Size: _____	If no, indicate deficiency and proposed correction: _____	_____	_____
Buried or Partially Buried Tanks ☐ Check if NA				
☐ Yes ☐ No	Is the vent covered with #24 mesh corrosion resistant screening?	If no, install proper #24 mesh corrosion resistant screening.	_____	_____
☐ Yes ☐ No	Does the air vent terminate downward?	If no, re-configure the vent so that it terminates downward.	_____	_____
☐ Yes ☐ No	Is the air vent at least 24" above the tank roof or ground surface (whichever is higher)? What is the height of the vent above the roof or ground surface? _____	If no, raise air vent to provide for an appropriate air gap.	_____	_____

Access Hatch				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Is the hatch raised at least 4" above the roof (for ground level or elevated tanks) or at least 24 inches above the roof or ground, whichever is higher (for buried or partially buried tanks)? What is the height of the access hatch above the roof or ground surface? _____	If no, the hatch should be raised to the appropriate height above the tank roof or ground.	_____	_____
☐ Yes ☐ No	Does the hatch have a shoe box lid?	If no, a properly designed shoe box type lid should be installed.	_____	_____
☐ Yes ☐ No	Is the lid water tight and sealed with a rubber gasket?	If no, the reason for the lack of a seal should be investigated and repaired.	_____	_____
☐ Yes ☐ No	Is the hatch locked?	If no, the hatch should be equipped with a lock.	_____	_____

Overflow				
Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No ☐ NA	Does the tank have an overflow separate from the vent?	If no, indicate proposed correction:_____	_____	_____
☐ Yes ☐ No	Discharge has #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside (EPA recommends #24 mesh screen)?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Overflow terminates between 12 and 24 inches above the ground surface? At what height does the overflow discharge? _____	If no, modify overflow to provide for an appropriate air gap.	_____	_____
☐ Yes ☐ No	Overflow discharges over an inlet structure, splash plate, or engineered rip-rap?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No ☐ NA	Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers?	If yes, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Is there blockage in the overflow, an inadequately sized overflow, a malfunction of the level control system, or other issue that is causing the tank to overflow through the hatch or vent?	If yes, indicate what is causing the problem and how it should be repaired: _____	_____	_____
☐ Yes ☐ No	Is the overflow discharge point visible? If no, it is recommended that the discharge point be moved to a location that is visible.		Not Required	

Drain				
Significant Deficiency		Required Correction	Proposed Completion Date	Actual Completion Date
☐ Yes ☐ No	Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers?	If no, indicate proposed correction: _____	_____	_____
☐ Yes ☐ No	Does the discharge have a #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside? If no, EPA recommends that a #24 mesh screen be installed.		Not Required	
☐ Yes ☐ No	Does the drain terminate between 12 and 24 inches above the ground surface and discharges over an inlet structure or splash plate? If no, it is recommended that the discharge point be modified to provide for the appropriate air gap.		Not Required	

Cleaning and Other Items			
Significant Deficiency	**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
Describe any other items noted by the inspector that have the potential to cause contamination of the finished drinking water: _____	What repairs are suggested to prevent or eliminate the source of contamination? _____	_____	_____
Depth of sediment found in the tank before cleaning (inches): _____ How was the storage tank cleaned? _____ How was the storage tank disinfected after cleaning? _____ List any objects found inside the tank during cleaning that may have introduced contamination into the water system (examples: debris, animals, etc): _____			
☐ Yes ☐ No ☐ NA	If animal carcasses or other animal debris were found, was EPA notified immediately?		
☐ Yes ☐ No ☐ NA	Was the entry point for the carcass or debris eliminated? Describe:_____		
Please attach tank as-built drawings (if available) or a sketch of the tank's configuration and dimensions including the location, layout and dimensions of all major components (i.e. access hatch, vent, overflow, drain)			

Preparing for your Drinking Water Sanitary Survey (Wyoming)

EPA Region 8 Contacts:	Lucien Gassie	720 987-4598	gassie.lucien@epa.gov
	Brett Van Houghton	720 825-5701	vanhoughton.brett@epa.gov
	Michael Copeland	303 312-6836	copeland.michael@epa.gov

Your public water system is due for a sanitary survey this year. Completing the checklist below prior to the sanitary survey may prevent significant deficiencies from being identified during the survey.

General Information

Who should attend your sanitary survey?

At least one system representative who is an operator, owner, or administrative contact. Please prepare for questions about general operations, management, security, and specific technical questions.

Sanitary survey scheduling?

Surveys are required every 3 to 5 years. If your system is scheduled for a sanitary survey, a surveyor will contact your facility to schedule.

How long will the sanitary survey take?

The sanitary survey can take from an hour to multiple days, depending on the complexity of the water system.

Preparation Checklist

Records

- ☐ Prior sanitary survey report – ensure all deficiencies have been addressed
- ☐ System population and number of service connections
- ☐ Water use records (flow rates/volume distributed)
- ☐ Applicable monitoring plans
  - Revised Total Coliform Rule & Lead/Copper Rule sampling plans w/maps
  - Disinfection byproduct monitoring plan
- ☐ Date of most recent tank cleanings and tank cleaning/inspection reports
- ☐ Water treatment chemical information (product, dosage)
- ☐ Other paperwork as applicable based on system type (for example, O&M plan for point of use systems, SWTR records for the past 3 years for surface water and ground water under the direct influence of surface water systems)
- ☐ List of operators, certification levels and expiration dates (if applicable)
- ☐ Copies of well statements of completion (if applicable)
- ☐ Disinfection profile and benchmark (for surface water and ground water under the direct influence of surface water systems)
- ☐ Cross-connection info – identification of high hazard connections and type of backflow prevention used at those connections
- ☐ Operation and maintenance plan
- ☐ Emergency Response Plan – if you need to develop an Emergency Response Plan, templates can be found at: https://www.epa.gov/region8-waterops/reporting-forms-drinking-water-systems-wyoming-and-tribal-lands-epa-region-8#erp

General Field Checklist

- ☐ Ensure all facilities can be accessed
- ☐ If facilities in your system are owned by other entities or private property needs to be crossed to access facilities, ensure that access is arranged and any required permission is granted prior to the sanitary survey
- ☐ Facilities are safe for inspection
- ☐ Facilities are operational
- ☐ Facilities are clean

Wells

- ☐ Area around well is not graded to allow pooling of water
- ☐ Well has a gasket that is not broken or degraded
  - If gasket is not visible, be prepared with a recent (within 1-year) photo of the gasket, or appropriate tools to remove the well cap to view the gasket
- ☐ Well does not have any unprotected holes or openings
- ☐ Well vent (if well is equipped with a vent) is screened with #24-mesh

Cybersecurity? Rule revisions?

While a cybersecurity evaluation is not currently required for sanitary surveys, your surveyor can provide information on cybersecurity resources and/or rule revisions if you are interested in learning more.

Storage Tanks

- ☐ Location of overflow and drain is known
- ☐ Overflow is fitted with #24-mesh, properly sealed flapper (with any size screen behind it), or duckbill valve
- ☐ All hatches equipped with a gasket around the entire hatch perimeter
- ☐ All hatches are equipped with a locking device
- ☐ All vents have #24-mesh screen and terminate 24-inches above the roof (for downturned vents) or 8-inches above the roof (for shrouded vents on non-buried tanks)
- ☐ No leaks present
- ☐ Tanks have been cleaned and inspected within the last 10 years
  - If not, you may proactively clean the tanks prior to the survey to avoid receiving a significant deficiency. Please ensure that you have documentation of the most recent tank cleaning available for review

Other Items

- ☐ Keys to all gates, well houses/pump houses, tanks, storage tank hatches, booster stations, master meter vaults and buildings, etc.
- ☐ Chlorine analyzer (if applicable)
- ☐ Manhole hooks and bolt cutter/new locks if keys cannot be found or locks are stuck
- ☐ Other tools as needed to access system facilities

To avoid an "unknown integrity" significant deficiency:

Surveyors are not required to climb above ground or elevated storage tanks. Please check with your surveyor prior to the site visit to determine if you will need to arrange to have system staff or contractors climb your storage tanks to allow for inspection of rooftop components. If your surveyor will not be climbing storage tanks, please have recent (within 1-year) photos of rooftop components available during the survey for review. These photos must include hatch height, hatch gasket (entire perimeter of the hatch), vent height, and vent screening (with a measurement reference in the screen photo).

The surveyor will evaluate the following:

Element	Description
Water source(s)	Evaluate water sources to ensure proper source protection
Treatment facilities	Evaluate treatment processes, facilities, components, and techniques
Distribution system	Evaluate the reliability and safety of the distribution system
Finished water storage	Evaluate the reliability and integrity of finished water storage tanks
Pumps and pump facilities	Evaluate operation and maintenance of water system pumps and pumping facilities
Monitoring, reporting, and data verification	Review paperwork, monitoring plans, and regulatory compliance
System management and operation	Review paperwork and plans to demonstrate that adequate maintenance is performed, and system operational needs are being met
Operator compliance	Review operator status to ensure operator certifications are current and at the appropriate levels

EPA Region 8 Drinking Water Websites

Drinking Water Online: https://www.epa.gov/region8-waterops/
Drinking Water Watch: https://sdwisdww.epa.gov/DWWR8WY/

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

Ref: 8P-W-DW

FEB 18 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

[redacted]

Re: **2015 Sanitary Survey Report**
PWS ID#: WY5601613 C

Dear [redacted]

Enclosed is a report prepared for the U. S. Environmental Protection Agency (EPA) following a sanitary survey of the above-referenced water system on June 30, 2015. Please note each significant deficiency listed at the beginning of the report. To avoid receiving a violation, you must correct **each identified significant deficiency and submit documentation of the corrective action to the EPA within 6 months** from receipt of this letter and sanitary survey report.

If you will be unable to meet this standard corrective action timeframe, you must contact EPA with a written justification and proposed completion schedule as soon as possible. Each significant deficiency for this water system is listed below:

GROUND WATER RULE SIGNIFICANT DEFICIENCIES

Significant deficiencies for ground water systems are defined as defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system that the EPA determines to be causing, or to have the potential for causing, the introduction of contamination into the water delivered to consumers.

1) Facility ID: TP01 – Chlorinator (Treatment Plant)
Improper construction of air release-vacuum relief valves. (see photo #1)

For pipes equipped with an air release-vacuum relief valve, the air release piping must be covered with a #24 mesh corrosion-resistant screen.

2) Gravity Tank ID: ST01 - 540K Gal
Unknown integrity of storage tank air vent and access hatch. (see photo #4)

The sanitary surveyor was unable to evaluate the tank air vent and access hatch, and the water system was not able to produce documentation of the condition of these components. Each item that could not be inspected during the sanitary survey must be inspected and the structure/condition must be compared to the enclosed Tech Tips for Finished Water Storage Air Vents and Hatches to determine if corrective action is needed. Tank inspectors can be third-party professionals or appropriately trained in-house staff.

In order to correct this significant deficiency you must provide EPA with the following documentation:

A completed copy of the Unknown Integrity Checklist.

A copy of the inspection report. The inspection report must describe the condition of each specified tank component and include photographs.

The date that any corrective actions needed to address deficiencies with the tank components will be completed. EPA will review the inspection report and may require additional corrective actions.

3) Distribution lines are not properly disinfected after repairs.

Failure to adequately disinfect drinking water lines following repair can lead to introduction of contamination into the distribution system. Water lines must be disinfected according to accepted standards (e.g. AWWA C651) following repair.

4) No emergency response plan (ERP).

The Emergency Response Plan (ERP) must detail emergency operations procedures for possible foreseeable emergencies such as power outage, loss of water, equipment failure, development of unsafe conditions, and other emergency conditions. Templates, including instructions, for developing ERPs may be found on the USEPA Region 8 Drinking Water Online website: http://www2.epa.gov/region8-waterops/reporting-forms-and-instructions-reporting-forms. Select the "Emergency Response Plan Templates" link on the main page.

You must correct each significant deficiency and provide a completed Correction Notice with photos of each correction within 6 months from receipt of this letter and sanitary survey report. The Significant Deficiency Correction Notice is enclosed and can also be found at the following website http://www2.epa.gov/region8-waterops/reporting-forms-and-instructions-reporting-forms and by selecting the Sanitary Survey link. To avoid receiving a violation, please provide this documentation to:

Ms. Gail Franklin, Ground Water Rule Manager
EPA Region 8, 8P-W-DW
1595 Wynkoop St.
Denver, CO 80222

Email: franklin.gail@epa.gov
Phone: 1-800-227-8917, extension 312-6497

Please be advised that a permit issued by the Wyoming Department of Environmental Quality (WY DEQ) may be required prior to your making physical modifications to a public water system, in accordance with Wyoming Statute 35-11-301. Include a written response to the respective WY DEQ District Engineer if any of the aforementioned significant deficiencies are followed by an asterisk (*), which indicates that a permit may be necessary. The email and phone number for the DEQ District Engineers may be found on Page 2 of the Sanitary Survey Report.

If you will be unable to meet this standard 6 month corrective action timeframe, a written response must be submitted to the EPA as soon as possible. This response must contain the following:

1. The public water system name and number;

2. Description of why you will be unable to meet the standard 6 month timeframe;

3. Description of the corrective action(s) to be taken to address each significant deficiency; and

4. A schedule including specific proposed dates for completing each corrective action. This schedule may include both short-term interim steps and longer term completion dates.

5. Include a written response to the respective WY DEQ listed on the second page of the survey report, prior to making any improvements, if any of the aforementioned deficiencies are followed by an asterisk (*). The asterisk indicates that a WY DEQ permit may be necessary.

If you have any questions regarding a significant deficiency or your corrective action plan, contact Ms. Gail Franklin. Ms. Franklin will provide you with a confirmation email or letter after receiving your response if you proposed a different corrective action timeframe.

The sanitary surveyor also identified at least one recommendation to improve the operation of the water system and to protect public health. While not required, EPA recommends that all such items be corrected. Please see the enclosed Sanitary Survey report for any recommendations.

Please contact us if your system has a change in the treatment process, you add or remove a water source, there is a change in the number of people served or number of water connections, or different contact information becomes available for your water system. This allows us to keep you up to date on monitoring requirements and keeps our inventory current. To access the EPA's change form, use this link and send us the completed form or give us a call.
http://www2.epa.gov/region8-waterops/wyoming-public-water-system-change-form

Thank you for your cooperation during the sanitary survey. If you have any questions regarding the sanitary survey, please call Jim Gindelberger at 1-800-227-8917, ext. 312-6984. If you have questions on specific regulations, please refer to the brochure enclosed with this letter, which contains the names and phone numbers for all of the EPA drinking water staff.

Sincerely,

Lisa Kahn, Unit Chief
Drinking Water Unit A

Enclosures
cc: [redacted]

2015 EPA Region 8 WY SANITARY SURVEY FORM
INVENTORY

DATE OF SURVEY: 6/30/2015	**COUNTY:** Lincoln	**SURVEYOR NAME:** J Kahlert
PWS ID: WY5601613	**SYSTEM NAME:** North Star Utility	

System representatives present at survey: [redacted]

Others present: [redacted]

Comments: ____

EMERGENCY CONTACT

[redacted]

SYSTEM OWNER OR MUNICIPAL LEGAL REPRESENTATIVE

[redacted]

PRIMARY ADMINISTRATIVE CONTACT
(to receive ALL correspondence from EPA)

[redacted]

ADDITIONAL CONTACT
(if any)

[redacted]

PUBLIC WORKS DIRECTOR,
CITY ENGINEER and/or WATER PLANT SUPERINTENDENT

[redacted]

DESIGNATED OPERATOR OF SYSTEM

[redacted]

ALTERNATE OPERATOR

[redacted]

WATER SYSTEM CLASSIFICATION
for operator certification

System Treatment Classification Level: 1

System Distribution Classification Level: 1

Comments: ____

Go to: http://deq.state.wy.us/wqd/www/opcert/index.asp
Click on: Check Facility Records

WATER SYSTEM CLASSIFICATION
from PWS Inventory

☒ C = Community

☐ NTNC = Non-Transient Non-Community

☐ NC = Transient Non-Community

Comments: ____

SYSTEM PHYSICAL ADDRESS

Street: No physical address

City: Alpine State: WY Zip: 83128

PHYSICAL LOCATION

Physical Location and Directions: The subdivisions are located in the vicinity of the intersection of US-26 and US-89, at Alpine Junction, on the north side of the Snake River.

DEQ DISTRICT ENGINEER

Mark Baron, P.E., **District Engineer**

Phone: 307-335-6962

Email: mark.baron@wyo.gov

COUNTY AND/OR CHS SANITARIAN

Dru Haderlie**, CHS Sanitarian**

Phone: 307-279-3276

Email: dru.haderlie@wyo.gov

PERIOD OF OPERATION

☒ Year-round

☐ Part of the year

From _____ to _____

Is this PWS operating with a lease on Federal land? ☐ Yes ☒ No

_____

If yes, Federal land name: _____

Comments: _____

SERVICE CONNECTIONS

Total Service Connections (Active and Inactive): 29
Total Residential: 26
How many residential connections are for year-round residents: 26
Total Non-Transient (non-residential): 3
Total Transient: 0

Service Connections Metered? ☒ Yes ☐ No _____

Number of metered service connections: 29

Comments: _____

OWNER TYPE

☐ 1 Federal Government

☒ 2 Private: Subdivision, Investor, Trust, Cooperative, Water Association, etc.

☐ 3 State Government

☐ 4 Local Government Authority: Commission, District, Municipality, City, etc.

☐ 5 Mixed Public/Private

☐ 6 Native American Indian Tribes & Reservations _____

☐ 7 Other _____

Comments: _____

POPULATION DIRECTLY SERVED
(do not include populations of consecutive PWSs)

Residential Population: 150
(Number of year-round residents utilizing PWS)

Non-Transient Population: 10
(Number of the same persons utilizing PWS Daily for 6 months of the year – i.e. students, employees)

Transient Population: 0
(Average number of transient persons served by PWS **daily** during peak 60 days of operation – i.e. customers, visitors)

Does the water system serve at least 25 individuals daily at least 60 days of the year (does not need to be consecutive days)? ☒ Yes ☐ No

☐ If the population has significantly changed since the last Survey or current inventory sheet, recommend EPA send new Basic Information Form (BIF)

Comments (source(s) of population info): _____

SERVICE CATEGORY (check all that apply)

☐ AP Airport
☐ BA Bathing/Swimming
☐ BR Bar
☐ CG Campground
☐ CH Church
☐ DC Daycare Center
☐ DR Dude Ranch
☐ HS Hospital
☐ IB Interstate Bottler
☐ IF Industrial/Agricultural
☐ IN Institution
☐ LB Local Bottler
☐ LO Lodge
☐ MA Marina
☐ MH Mobile Home Park
☐ MO Motel/Hotel
☐ PC Picnic Area
☐ RA Rest Area
☐ RC Recreation
☐ RS Residential
☐ RT Restaurant
☐ RV RV Park
☐ SC School
☒ SD Subdivision
☐ SK Ski Area
☐ SS Service Station
☐ US Water User's Association
☐ VC Visitor Center
☐ VM Vending Machine
☐ WH Water Hauler
☐ XX Other _____

Primary Service Category Description: Subdivision

Comments: _____

SOURCES (check all that apply)

☐ SW = Surface Water
☐ SWP = Surface Water Purchased
☒ GW = Groundwater
☐ GWP= Groundwater Purchased
☐ GWUDI = Ground Water Under the Direct Influence of Surface Water

If mixed, does GW receive full SW Treatment? ☐ Yes ☐ No.

Is the current water source adequate in quantity?
☒ Yes ☐ No Describe: _____

Have there been any interruptions in service since the last survey?
☐ Yes ☒ No Describe: _____

Have there been reports of a water borne disease (2 or more people)?
☐ Yes ☒ No Describe: _____

Have there been any changes to the water system since the last survey?
☐ Yes ☒ No Describe: _____

Are there any changes that are planned?
☒ Yes ☐ No Describe: Add up to 56 service connections from Alpine Airpark

Comments: _____

SUMMARY (Describe the water system in a paragraph or two)

North Star Utility is classified as a community groundwater system. Water is delivered through 26 residential and 3 commercial service connections. Two wells provide the source water which is chlorinated before storage in the 540,000-gallon storage tank (ST01). The water then flows by gravity to distribution, on demand. Sale of this PWS to the Town of Alpine (WY5600156) is expected to be completed in the fall of 2015.

The following abbreviations will be used throughout this document: NI = no information, NA = not applicable, NR = not requested, @ = potential significant deficiency.

SIGNIFICANT DEFICIENCIES

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to EPA could result in a violation.

1) Facility ID: TP01 – Chlorinator (Treatment Plant)
Improper construction of air release-vacuum relief valves. (see photo #1)

For pipes equipped with an air release-vacuum relief valve, the air release piping must be covered with a #24 mesh corrosion-resistant screen.

2) Gravity Tank ID: ST01 - 540K Gal
Unknown integrity of storage tank air vent and access hatch. (see photo #4)

The sanitary surveyor was unable to evaluate the tank air vent and access hatch, and the water system was not able to produce documentation of the condition of these components. Each item that could not be inspected during the sanitary survey must be inspected and the structure/condition must be compared to the enclosed Tech Tips for Finished Water Storage Air Vents and Hatches to determine if corrective action is needed. Tank inspectors can be third-party professionals or appropriately trained in-house staff.

In order to correct this significant deficiency you must provide EPA with the following documentation:

A completed copy of the Unknown Integrity Checklist.

A copy of the inspection report. The inspection report must describe the condition of each specified tank component and include photographs.

The date that any corrective actions needed to address deficiencies with the tank components will be completed. EPA will review the inspection report and may require additional corrective actions.

3) Distribution lines are not properly disinfected after repairs.

Failure to adequately disinfect drinking water lines following repair can lead to introduction of contamination into the distribution system. Water lines must be disinfected according to accepted standards (e.g. AWWA C651) following repair.

4) No emergency response plan (ERP).

The Emergency Response Plan (ERP) must detail emergency operations procedures for possible foreseeable emergencies such as power outage, loss of water, equipment failure, development of unsafe conditions, and other emergency conditions. Templates, including instructions, for developing ERPs may be found on the USEPA Region 8 Drinking Water Online website: http://www2.epa.gov/region8-waterops/reporting-forms-and-instructions-reporting-forms. Select the "Emergency Response Plan Templates" link on the main page.

RECOMMENDATIONS

1) Regular Chlorine Residual Monitoring – Community or NTNC System

The chlorine residual in the distribution system should be checked and recorded on a routine basis. Currently the chlorine residual is checked occasionally but this should be part of a routine maintenance schedule and included in the Operations and Maintenance manual.

Either free or total chlorine residual should be tested at least three times a week at different locations in the distribution system. If chloraminated water is used, you must measure for total chlorine residual. Chlorine residual is required to be tested concurrently with the collection of a Coliform compliance sample for a system that delivers disinfected water for public use.

A chlorine residual test kit should be procured and used by the system for regular chlorine residual monitoring.

2) Operation and Maintenance (O&M) Manual

An Operation and Maintenance manual should be developed that includes manufacturers' literature and standard operating procedures (SOPs). An O&M manual promotes consistent operation of the water system from operator to operator and helps to document system operating parameters. Written procedures should cover items such as daily operations, start-up and shutdown procedures, response to equipment failure and other emergency conditions. An attempt should be made to collect any records pertaining to the water system, including water testing results, as-built drawings, distribution maps/schematics, master meter water usage, and any other records pertaining to the operations and management of the water system.
A safety plan should be part of the O & M manual. All facilities should be inspected for potential hazards. Safety equipment, procedures, and training should address any hazards likely to be encountered by the operators or public.

3) Sample Siting Plan for the Total Coliform Rule

A sample siting plan for the Total Coliform Rule (TCR) could not be provided to the surveyor for review. The Total Coliform Rule requires public water systems to sample for coliforms according to a sample siting plan, which must be made available to the primacy agency for review and approval. Having a written sample collection protocol helps ensure that all sampling is done correctly, even when there is a change in the water system's personnel. The sample siting plan specifies where in the building or in the distribution system routine samples are taken to ensure that they are "representative" of the water supplied to consumers. Please contact Bre Bockstahler for information about this requirement (1-800-227-8917 ext. 312-6034 or bockstahler.breann@epa.gov).

4) **Threaded Hose Bib** (see photo #10)

Cross-connections exist when plumbing provides a pathway for contamination to enter the drinking water system during backflow events and present a potential public health threat. The survey identified a threaded *hose bib in the building with the chlorinator* which is a potential high hazard cross connection. An approved pressure vacuum breaker, atmospheric vacuum breaker, or double check valve assembly should be installed at the *hose bibs*. The water supplier should also develop and maintain a record keeping program and management procedures for cross connections. These procedures should ensure the installation and certification by test or inspection of all backflow prevention devices, and the annual testing and certification by a certified tester of all testable backflow prevention devices.

SOURCE DATA
ACTIVE (PHYSICALLY CONNECTED) WELLS AND WELL PUMPS ☐ NA
(if well is GWUDI and fully treated as SW, these will be recommendations)

Well Name:	Flying Saddle Lodge #1 (North Star Well #1)	Flying Saddle Lodge #2 (Well #2)	____
Well owner (if different than system owner):	____	____	____
Facility ID (from PWS inventory, e.g., WL01):	WL01	WL02	____
Well Location: (well house, well pit, pitless adapter, combination, driveway/parking lot, other)	Pitless Adapter	Pitless Adapter	____
Does system want this well to be considered inactive? @	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☐ No
Adequately protected from vehicle damage? @	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No
If well is located in a pit or vault, is the pit or vault completely watertight?	☐ Yes ☐ No ☒ NA ____	☐ Yes ☐ No ☒ NA ____	☐ Yes ☐ No ☐ NA ____
If no, is the pit or vault completed with drainage or a sump pump for permanent or portable use? @ If applicable, indicate type (permanent pump, portable pump, or drainage)	☐ Yes ☐ No ☒ NA Type: ____	☐ Yes ☐ No ☒ NA Type: ____	☐ Yes ☐ No ☐ NA Type: ____
Is the pit located in a building?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
WY DEQ and/or WY SEO permit #:	101241; 178318 enl	101242; 178319 enl	____
Are there any approved WY DEQ Chapter 12 variances for this well? If yes, describe what type of variance was approved.	☐ Yes ☒ No ____	☐ Yes ☒ No ____	☐ Yes ☐ No ____
Total Well Depth (ft):	200	154	____
Depth range of shallowest casing perforations (ft):	40 to 200	94 to 154	____ to ____
Actual yield (gpm):	90	230	____
Well log or Statement of Completion on site? **(If yes, please copy or photograph and submit with report)**	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No
Well Construction			
Does SW runoff drain away from the wellhead (including wells in pits or vaults)? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does well casing terminate at least 12" above the concrete floor? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Does the well casing terminate at least 18" above the natural ground surface? @	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
What is the actual casing height (inches)?	18	11.5	____
Any holes or openings observed in the well or its appurtenances? @	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
If yes, describe.	____	____	____
Does the well have a sanitary seal with tightly bolted cap? @ (May need operator to open well cap to verify; explain why if unable to verify)	☒ Yes ☐ No ☐ Unknown ____	☒ Yes ☐ No ☐ Unknown ____	☐ Yes ☐ No ☐ Unknown ____
Is well vented (vent not required)?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
What is the height from the ground level to the screen of the vent (inches)?	19.5	13	____
Does the vent terminate at or above the top of the casing or pitless unit? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is vent facing downward? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Vent screened with #24 mesh? @	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is there a source water sample tap for GWR compliance?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Is there an air release/vacuum relief valve (not required)?	☒ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Discharge Piping Termination			
- In a downward position? @	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
- At least 8" above the floor? @	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
- Screened with #24 mesh? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA

SOURCE DATA
ACTIVE (PHYSICALLY CONNECTED) WELLS AND WELL PUMPS ☐ NA
(if well is GWUDI and fully treated as SW, these will be recommendations)

Well Name:	Flying Saddle Lodge #1 (North Star Well #1)	Flying Saddle Lodge #2 (Well #2)	____
Comments:	____	Well casing height OK	____
Well Pumps			
Submersible Pump?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Other type of pump? (if other, describe and indicate location in the comment field below)	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
NSF-60 lubricant used?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Operable and in good condition?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Maintenance program in place?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Is the external pump subject to flooding? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Spare parts available?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Emergency power available?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments	____	____	____

Are there any sources of pollution near the wells which could impact water quality? @ ☐ Yes ☒ No

If yes, indicate impacted well(s) and provide general location and comments: ____

(Examples: Septic systems, chemical storage/mixing facilities, agriculture activities, industrial activities, cleaning supplies, oil/fuel, etc) (please locate on aerial map if possible)

Mice or other animals and their droppings in immediate area @ ☐ Yes ☒ No ____

Are there seasonal variations in the quantity of the water? ☒ Yes ☐ No ____

Are there seasonal variations in the quality of the water? ☐ Yes ☒ No ____

Comments: ____

SOURCE DATA
EMERGENCY BACKUP SOURCE WATER

Describe any backup source water possibly available during an emergency to the PWS, or indicate none: None

Is the backup water source physically disconnected from the water system? ☐ Yes ☐ No _____
(if this is a raw water source and is still physically connected to the system, then complete the applicable source data section)

Backup source name: _____

Facility ID (from PWS Inventory, e.g., IN01, WL01, etc.): _____

WY DEQ permit number: _____

WY SEO permit number: _____

Please copy or photograph any available construction diagrams or "as-builts" and submit with the sanitary survey report

Are there any sources of pollution near the water source (e.g., agriculture/industrial activities, cleaning supplies, oil/fuel, etc.) which could impact water quality? @ ☐ Yes ☐ No

If yes, provide general location and comments: _____

Are there seasonal variations in the quantity of the water? ☐ Yes ☐ No _____

Are there seasonal variations in the quality of the water? ☐ Yes ☐ No _____

RAW WATER TO TREATMENT PLANT TRANSMISSION LINE ☐ NA

Name or designation: No designation

SW ☐ GW ☒

Point of origin: WL01 & WL02

Point of termination: Chlorinator (TP01)

Material: PVC

Are there any service connections off the raw water transmission line? @ ☐ Yes ☒ No _____
(Check yes only if the water system provides treatment)

What does each connection serve? _____

GRAVITY TANKS ☐ NA

(Instructions to Surveyor, delete before submitting to EPA) Complete for all tanks at ground water systems and consecutive systems. Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells or other finished water tanks.)

Tank Name:	**540K Gal Tank**	____	____
Tank ID (from PWS inventory, e.g., ST01):	ST01	____	____
Tank owner (if different than system owner):	____	____	____
Location (indoor or outdoor), Description: ____	Outdoor	____	____
Date put into service	2006	____	____
Tank Type — Below ground (buried or partially buried) / Ground level / Elevated (pedestal or standpipe)	☐ / ☒ / ☐	☐ / ☐ / ☐	☐ / ☐ / ☐
Tank is constructed of: — Concrete / Steel / Fiberglass / Other	☐ / ☒ / ☐ / ____	☐ / ☐ / ☐ / ____	☐ / ☐ / ☐ / ____
What type of water is stored (GW systems only)?	☒ Treated ☐ Raw	☐ Treated ☐ Raw	☐ Treated ☐ Raw
Storage Volume (gallons)?	540,000	____	____
Are there any approved WY DEQ Chapter 12 variances for this tank? If yes, describe what type of variance was approved.	☐ Yes ☒ No ____	☐ Yes ☐ No ____	☐ Yes ☐ No ____
Is the site subject to flooding? @	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
Can the tank be isolated from the system?	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Is the water level indicator accurate?	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the tank appear structurally sound? @	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the foundation appear structurally sound? @	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Are there any unprotected openings in the tank (breaches, leaks, etc)? @	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
If the tank is more than 10 years old, was it cleaned and inspected within the last 10 years? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
When and how was the tank last cleaned and inspected?	NA	____	____
Who performed the cleaning and inspection?	NA	____	____
How was the tank disinfected after cleaning?	NA	____	____
Surveyor able to view report and confirm date?	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
Overflow			
Is the overflow accessible for inspection? @	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Overflow has a #24 mesh screen OR a duckbill valve OR a properly sealed flapper valve with screen inside (EPA recommends a #24 mesh screen)? @	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow line terminate no less than 12 inches but no more than 24 inches above the ground surface? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? @	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the discharge visible?	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about overflow:	Overflow discharges approximatly 31 inches above rip-rap. Height OK	____	____
Drain Line			
Combined overflow and drain pipe? (If yes, skip drain questions)	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the drain accessible for inspection? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is there #24 mesh screen on the drain pipe?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does water accumulate in the drain discharge area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

GRAVITY TANKS ☐ NA

(Instructions to Surveyor, delete before submitting to EPA) Complete for all tanks at ground water systems and consecutive systems. Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells or other finished water tanks.)

Tank Name:	**540K Gal Tank**	____	____
Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the drain pipe terminate between 12 and 24 inches above a drainage area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the drain pipe terminate above an inlet structure, splash plate, or engineered rip-rap?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about drain:	Drains through distribution.	____	____
Air Vent			
Is the vent accessible for inspection? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For above ground tanks (ground level or elevated/standpipe):			
Is there #24 mesh screen? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
If not #24 mesh screen, what size mesh is the screen?	____	____	____
Does the tank have a vacuum/pressure relief valve or other mechanism to prevent tank damage?	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Downturned vent: Is the vent at least 24" or 3 pipe diameters above the roof? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For non-downturned vents: Is there a solid cover down to the bottom of the vent screen? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For non-downturned vents: Is the screen at least 8" above the roof surface? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Below Ground Tanks (buried or partially buried)			
Is air vent covered with #24 mesh screen? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the air vent terminate downward? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the air vent at least 24" above the roof or ground surface (whichever is higher)? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about air vent:	Unknown integrity	____	____
Access Hatch			
Is the hatch accessible for inspection? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the hatch raised at least 24" above the roof or ground (whichever is higher) on below ground tanks (buried or partially buried) or 4" above the roof for above ground tanks (ground level or elevated)? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
What is the height of the access hatch above the roof or ground surface?	____ in	____ in	____ in
Does the hatch have a shoe box lid? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the lid tight and sealed with a rubber gasket? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the hatch locked? @	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about access hatch:	Unknown integrity	____	____
Comments:	____	____	____

WATER TREATMENT DATA
GROUNDWATER and CONSECUTIVE SYSTEMS THAT HAVE AVAILABLE TREATMENT

☐ NA

Describe the steps (as many as necessary) of the treatment process in order from the water source to distribution: Water is treated with sodium hypochlorite solution injection. No other treatment is provided.

Plant Output (gal/day)

Design: NI

Maximum: NI

	Step 1	Step 2	Step 3	Step 4
Process	☒ Chemical Type: Sodium Hypochlorite ☐ NSF 60 Certified? ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____	☐ Chemical Type: ____ ☐ NSF 60 Certified? ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____	☐ Chemical Type: ____ ☐ NSF 60 Certified? ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____	☐ Chemical Type: ____ ☐ NSF 60 Certified? ☐ UV ☐ Filtration ☐ Ion exchange ☐ Softener ☐ Other: ____
Objective:	☒ Treatment of bacteria, viruses ☐ Turbidity removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Treatment of bacteria, viruses ☐ Turbidity removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Treatment of bacteria, viruses ☐ Turbidity removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____	☐ Treatment of bacteria, viruses ☐ Turbidity removal ☐ Hardness removal ☐ Taste & odor removal ☐ Metals removal ☐ Other: ____
Is this process required by EPA?	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Location of process?	☐ At Well ☒ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____	☐ At Well ☐ At Treatment Plant ☐ Other: ____
Is this process adequate to meet the objective?	☒ Yes ☐ No Explain: No TCR positives	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____	☐ Yes ☐ No Explain: ____
Frequency of use:	☒ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____	☐ Permanent ☐ Seasonal ☐ Emergency ☐ Other: ____

Groundwater and Consecutive Systems
Chemical Disinfection

Type: Sodium Hypochlorite 12% Dosage: 0.5 to 0.8 ppm (lb / day or ppm) NSF 60 Certified? ☒ Yes ☐ No

Point of application: Treatment Plant

Yes	No	
☐	☒	Is there redundant disinfection equipment?
☐	☒	Is there emergency power for the disinfection equipment?

DISTRIBUTION DATA

Please provide a brief description of the distribution system, including source to use piping: Approximately 4 miles of 8-inch PVC.

What are the location and estimated linear feet of asbestos pipe in the distribution system? None

Have lines broken due to freezing? ☐ Yes ☒ No _____

Have lines broken due to traffic load? ☐ Yes ☒ No _____

Are lines properly disinfected after repairs are made? @ ☐ Yes ☒ No Rely on system chlorinator (TP01).

Is there at least 35 psi pressure in the distribution system at peak normal flow? ☒ Yes ☐ No 75 to 90 psi

Is there at least 20 psi at all points in the system at all times? @ ☒ Yes ☐ No _____

Total number of days of storage (Summer)? NI

Total number of days of storage (Winter)? NI

	Yes	No	NA
Is the storage capacity adequate to meet current needs?	☒	☐	☐
Is the storage capacity adequate to meet future needs?	☒	☐	☐

Comments: _____

Location, length, number, and flushing frequency for dead ends in the system: None

Are distribution system ("as-built") drawings maintained (e.g., revised to show replacement or repair?) ☒ Yes ☐ No _____

For systems that add a chemical disinfectant or receive disinfected water from a wholesaler: NA ☐

Yes	No	
☒	☐	Is test equipment available for measuring the chlorine residual in the distribution system? Describe equipment: Test tube for HACH meter.
☒	☐	Are reagents up to date? _____
☐	☒	Does the operator know how to properly measure chlorine residual? Possibly, but not demonstrated.

Measured chlorine residual distribution system location: Between treatment plant and storage tank.

Indicate residual value measured at this distribution system location: By Surveyor: 0.28 (mg/L) By PWS: Positive (pink water in test tube) (mg/L)

Indicate if free or total chlorine was measured: Total

It is recommended that a minimum residual of 0.5 mg/L total chlorine or 0.2 mg/L free chlorine be maintained.

CROSS CONNECTION CONTROL

	Yes	No	NA	
Does each severe hazard connection have the appropriate reduced pressure backflow assembly installed at the meter/service connection and approved air gap (twice the size of the supply pipe diameter but always greater than one inch)? If no, describe each severe hazard connection and its location. @	☐	☐	☒	____
Severe hazard connections include radioactive materials processors, nuclear reactors, and sewage treatment plants/pump stations.				
Does each high hazard connection in the treatment plant or distribution system have the appropriate air gap or reduced pressure backflow assembly installed? If no, describe each high hazard connection and its location. @	☐	☐	☒	____
High hazard connections include hospitals, medical/dental facilities, laboratories, mortuaries, large taxidermies, chemical suppliers/processing facilities, petroleum plants, food processing facilities, wastewater treatment plants, water fill points/loading stations, piers and docks, car washes, dry cleaners, direct connections to raw or non-potable water, and any service connection with an unapproved auxiliary supply.				
Do **trailers or mobile homes connected directly to the PWS** via a yard hydrant have a double check valve assembly at each connection?	☒	☐	☐	____
Are any **frost-free hydrants** that drain into the soil directly connected to this PWS?	☐	☒	☐	____
Are there any leaking system components in the water system not previously noted (e.g., air-release/vacuum relief valves)? @	☐	☒	☐	
Explain where and what was leaking: ____				
At Community PWS, do all low hazard connections have the appropriate double check valve assemblies installed at the meter or service connection?	☒	☐	☐	____
Low hazard connections include mobile home parks, farms/dairies, ranches, and shopping centers.				
For Non-community Systems, do the following connections have the indicated type of backflow prevention assemblies?				
Stock tanks – approved air gap or atmospheric vacuum breaker at the tank? @	☐	☐	☒	____
Threaded yard hydrants – pressure vacuum breaker, atmospheric vacuum breaker or double check valve assembly.	☐	☐	☒	____
Does the water supplier have a record keeping program and management procedures to ensure:				
The installation and certification by test or inspection of all backflow preventers (BFPs) at new service connections	☐	☒	☐	____
The annual passing test certification by a certified tester of all high-hazard BFPs at service connections.	☐	☒	☐	____

SAFETY

	Yes	No	NA	
Personnel Safety				
Are all personnel trained in proper handling of all utilized chemicals and materials?	☒	☐	☐	____
Are adequate masks, protective clothing, and safety equipment provided?	☒	☐	☐	____
Does the operator understand relevant Occupational Safety and Health Administration (OSHA) regulations (e.g., confined space, hazard communication, trenching/shoring, lock out/tag out)?	☒	☐	☐	____
Chlorine Gas Safety			☒	
Are there chlorine warnings posted on the outside of chlorine room doors?	☐	☐	☐	____
Do the doors open outward?	☐	☐	☐	____
Do they open to the exterior of the building?	☐	☐	☐	____
Are chlorine room doors equipped with crash bars?	☐	☐	☐	____
Are chlorine room doors equipped with viewports?	☐	☐	☐	____
Is there a leak detector in the chlorine room with an audible alarm?	☐	☐	☐	____
Are chlorine feed and storage areas isolated from other facilities?	☐	☐	☐	____
Are chlorine areas adequately ventilated?	☐	☐	☐	____
Are all chlorine cylinders adequately restrained?	☐	☐	☐	____
Are self-contained breathing apparatus available for use in chlorine emergencies?	☐	☐	☐	____
Where are they stored?				____
Are they in good working condition?	☐	☐	☐	____
Are water system personnel adequately trained in the use and maintenance of the self-contained breathing apparatus?	☐	☐	☐	____
Are chlorine leak kits available and are all personnel trained in their proper use?	☐	☐	☐	____
Chemical Safety			☐	
Are oxidizers, corrosives, and flammables stored in separate areas and in closed, marked containers?	☒	☐	☐	____
Are flammables stored in appropriate containers and cabinets away from combustion sources?	☒	☐	☐	____
Is there adequate ventilation in the areas where solvents, aerosols, and chemical feeders are in use?	☒	☐	☐	____
Are bulk storage areas physically isolated from treatment areas to prevent spills from entering treated or untreated water?	☒	☐	☐	____
Is the fire department familiar with the facilities and their contents?	☒	☐	☐	____

MANAGEMENT DATA

	Yes	No	NA	
Are there rules governing new hookups to protect the integrity of this water system?	☒	☐	☐	____
Are DEQ construction specifications followed?	☒	☐	☐	____
Is the treatment plant being properly operated to prevent inadequately treated water from being sent to the distribution system? @	☒	☐	☐	____
Does the system have arrangements in place to assure prompt supply and repair service?	☒	☐	☐	____
Does the system have a current operations and maintenance manual which describes all procedures, equipment, sampling schedules and inspection data?	☐	☒	☐	____
Is there a schedule for routine preventative maintenance for all facilities and equipment?	☐	☒	☐	____
Does the system (treatment plant, finished water storage) have security measures in place (fencing, locks, lighting, alarms, etc.)?	☒	☐	☐	____
Does the system have an emergency response plan (ERP) – system does not need to show the surveyor the ERP --that includes: @	☐	☒	☐	____
- Emergency contact phone numbers?	☐	☐	☒	____
- Procedures to respond to a pressure loss/water outage?	☐	☐	☒	____
- Procedures to respond to a water contamination incident?	☐	☐	☒	____
Is the ERP accessible to the operator on-site?	☐	☐	☒	____
Is the system part of the state's WARN network?	☐	☒	☐	____
Have you evaluated possible impacts to your system from extreme weather events?	☐	☒	☐	____
If yes, what was the outcome? ____				
Are you interested in training on extreme weather events?	☐	☒		
Have you evaluated your facilities to see if they are in the 100 and 500 year flood plains?	☐	☒	☐	____
If yes, what was the outcome? ____				
What percentage of the utility's power comes from your own renewable energy sources? Zero				
% wind: ____ % solar: ____ % hydro: ____				

MONITORING AND RECORDS

Total Coliform Rule (TCR) monitoring (all systems)	Yes	No	NA	
Does the operator know how to collect samples for total coliform analysis? (Review operator sampling procedure at time of survey to confirm)	☒	☐	☐	____
Does the operator know what to do in the event of a total coliform "unsafe" result? (Consult the "TCR/E-coli Positives" link on the Drinking Water Online site: http://www2.epa.gov/region8-waterops)	☒	☐	☐	____
Are extra bottles available in case of need for repeat Total Coliform Rule (TCR) sampling?	☒	☐	☐	____
Does the system have a TCR sampling plan on file and available for the surveyor's review?	☐	☒	☐	____
Is it up to date?	☐	☐	☒	____
If subject to the Ground Water Rule (GWR), does the operator know:			☐	____
Within 24 hours of being notified of a *routine* TCR positive sample result, they must collect one triggered source water sample for *every* routine TCR positive sample at each active ground water source (e.g., three routine TCR positive samples requires the operator to collect three source water samples from *each* ground water source)?	☒	☐	☐	____
They will need to submit both:				
• Repeat samples under the TCR (utilizing their regular lab form)?	☒	☐	☐	____
• Source water samples utilizing the Ground Water Rule Sample Collection Form located on the Drinking Water Online site (http://www2.epa.gov/region8-waterops)?	☒	☐	☐	____
Where to sample if they are required to sample all of their active ground water sources?	☒	☐	☐	____
Are extra bottles available in case of the need for GWR source sampling?	☒	☐	☐	____
For Community and NTNC systems (including consecutives):			☐	____
Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review?	☒	☐	☐	____
- Is it up-to-date reflecting the current distribution system?	☒	☐	☐	____
- What types of maximum residual disinfectant levels (MRDLs) are measured (free, total or combined chlorine)?	☐	☐	☐	Total
Does the system have a Lead & Copper sample siting plan on file and available for the surveyor's review?	☒	☐	☐	____
- Is it up to date?	☒	☐	☐	Incomplete
Does the operator know the location of each entry point to the distribution system?	☒	☐	☐	____
Does the operator know how to properly label samples taken from the entry points?	☒	☐	☐	____
Has the PWS completed the monitoring that is specified in the EPA-provided monitoring schedule so far for this calendar year?	☒	☐	☐	____
Are copies of all monitoring results filed and readily accessible?	☒	☐	☐	____
Is the operator familiar with the Drinking Water Online (http://www2.epa.gov/region8-waterops) and Drinking Water Watch (https://sdwisr8.epa.gov/Region8DWW/JSP/loginForm.jsp) websites created for their benefit?	☒	☐	☐	____

EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG

Photo#: 1

Subject: Air Release/Vacuum Relief Valve in Chlorinator (TP01) Building

Comments: There is no 24-mesh screen on this air release vacuum relief discharge pipe.



Photo#: 2

Subject: Enl. Flying Saddle Lodge #2 (Well #2)

Comments: East view. Well is 11.5 inches above grade.



EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG



Photo#: 3

Subject: 540 K Gal (ST01) Storage Tank Overflow Outfall

Comments: The overflow outfall is more than 24 inches above the engineered rip rap.



Photo#: 4

Subject: 540 K Gal (ST01) Storage Tank Vent and Hatch

Comments: Northwest view. Unable to inspect the storage tank vent or hatch.

EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG

Photo#: 5

Subject: Enl. Flying Saddle Lodge #1 (North Star Well #1 [WL01])

Comments: Northwest view. The Snake River is visible behind the bushes. The top of the well casing is 18 inches above grade as measured from the southeast side (far side) of the well.



Photo#: 6

Subject: Enl. Flying Saddle Lodge #2 (Well #2 [WL02])

Comments: West view. WL01 is located next to the building in the background.



EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG

Photo#: 7

Subject: 540 K Gal (ST01) Storage Tank

Comments: West view



Photo#: 8

Subject: Chlorinator (TP01)

Comments: The air release/vacuum relief valve is visible on the top left.



EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG



Photo#: 9

Subject: Chlorinator (TP01) Building

Comments: North view.



Photo#: 10

Subject: Chlorinator (TP01) Building Piping

Comments: No backflow prevention device is on the hose bib on the right with the hose attached.

EPA Official Photographs
PWS #: WY5601613
System Name: North Star Utility
County: Lincoln
Date: 06/30/2015
Photographer: Jason Kahlert, PG

Photo#: 11

Subject: Chlorinator (TP01) Building Piping

Comments: Chlorinator and air release/vacuum relief valve are visible in the center of the photo.



APPENDIX C

Operations & Maintenance Information

SUGGESTED CHECKLIST FOR PUBLIC WATER SUPPLY SYSTEM OPERATION & MAINTENANCE MANUAL

- Map of all source/intakes and raw water transmission lines to plant(s)
- Map of current finished water distribution system
- Inventory List of property, service lines, equipment, tools and instruments; include manufacturer, model, serial number, and condition
- Locations of spare parts (including pumps and backup power source) and vendor contact information or repair service used
- O&M technical manuals for equipment and water system facilities (e.g. treatment plant, distribution system)
- Lists of daily, weekly, monthly, quarterly, and/or annual maintenance tasks to be performed. Log sheets for recording maintenance performed.
- Location of first-aid instructions and supplies.
- Contact names, telephone/fax numbers and email addresses for:
    - System operators, including contract support;
    - System owners or local government officials;
    - EPA Region 8;
    - WY DEQ District Office/Tribal Environmental Director;
    - State/County Public Health or Indian Health Service/Bureau of Reclamation;
    - Certified laboratories used, with identification for each type of sample analyzed; and
    - Local responders (law enforcement, fire, hazmat)
    - Experienced operators at nearby systems who can serve as backup or provide help in an emergency.
- Monitoring Plan: Current Year EPA monitoring requirements, location of sampling or monitoring sites, sampling/reporting forms, and instructions for reporting and recordkeeping.
- Location of sampling and monitoring records
- Location of other formal communications from/to EPA Region 8 and others on the contact list above
- Locations of spare sample bottles, sampling technique information; monitoring plans
- Instructions when notified by lab of RTCR/fecal positive sample
- Location of public notice forms and instructions
- Instructions for pressure loss in system (flow chart)
- Instructions for flushing and shock chlorinating tanks, wells, distribution system mains, etc.
- Location of secured instructions for maintaining security in your system.
- Take-Away Emergency Response Plan: (1) Flow charts for operators to handle specific problems (main breaks, chlorine leaks, chemical spills); (2) Names and phone/fax numbers of state and local responders (police, fire, hazmat, county, etc.) (3) Names/numbers of county and state agencies to call if waterborne disease outbreak or other health emergency.

Examples of Operation & Maintenance Tasks

Listed below are examples of tasks that might be included in your Operations and Maintenance Manual and instructions to persons involved in servicing your public water supply system. Use these lists only as examples for creating your own lists appropriate to your system.

Examples of **Daily Tasks:**

- Check water meter readings and record water production.
- Check chemical solution tanks and record amounts used.
- Check and record water levels in storage tanks.
- Inspect chemical feed pumps.
- Check and record chlorine residual at the point of application.
- Check and record chlorine residual in the distribution system.
- Inspect booster pump stations.
- Check and record fluoride concentration in the distribution system.
- Record well pump running times and pump cycle starts.
- Check instrumentation for proper signal input/output.
  Investigate customer complaints. Record threats or suspicious activity.
- Complete a daily security check.
- Inspect heater operation during winter months.
- Inspect well pumps, motors, and controls.

Examples of **Weekly** Tasks:

- Inspect chlorine and fluoride testing equipment.
- Clean pump house and grounds. Make sure fire hydrants (if any) are accessible.
- Record pumping rate for each well or source water pump.
- Conduct weekly security check.

Examples of **Monthly** Tasks:

- Read electric meter at pump house and record.
- Take appropriate monthly water quality samples.
- Check and record static and pumping levels of each well.
- Read all customer meters and compare against total water produced for the month.
- Inspect well heads.
- Lubricate locks.
- Check on-site readings against lab results.
- Confirm submittal of monthly reports.

Examples of **Annual** Tasks:

Possible time-of-year for each task is provided in parentheses.

- Overhaul chemical feed pumps, such as O-rings, check valves, and diaphragms. (first Monday in January)
- Inspect and clean chemical feed lines and solution tanks. (first Monday in January)
- Calibrate chemical feed pumps after overhaul. (first Monday in January)
- Begin Safety Equipment Repair Log. Maintain log continuously throughout the year. (first Monday in January)
- Operate all valves inside the treatment plant and pump house. Maintain log continuously throughout the year. (first Monday in January)
- Review emergency response plans. (first Monday in January)
- Inspect chemical safety equipment and repair or replace as needed. (first Monday in February)
- Operate all valves inside the treatment plant and pump house. (first Monday in February)
- Inspect, clean, and repair control panels in pump house and treatment plant. (first Monday in March)
- Exercise half of all mainline valves. (first Monday in March)
- Inspect and clean chemical feed lines and solution tanks. (first Monday in April)
- Calibrate chemical feed pumps. (first Monday in April)
- Inspect storage tanks for defects and sanitary deficiencies. (first Monday in May)
- Clean storage tanks if necessary. (first Monday in May)
- Flush the distribution system and exercise/check all fire hydrant valves. (first Monday in June)
- Perform preventive maintenance on treatment plant and pump house buildings. (first Monday in June)
- Inspect and clean chemical feed lines and solution tanks. (first Monday in July)
- Calibrate chemical feed pumps. (first Monday in July)
- Prepare a demand forecast. Identify and evaluate energy conservation measures (for your utility). Identify and evaluate distribution system leaks. Establish/update water loss mitigation program. Establish/update customer incentive program for water-efficient home devices. (first Monday in July)
- Operate all valves inside the treatment plant and pump house. (first Monday in August)
- Exercise mainline valves that were not exercised in March. (first Monday in September)
- Prepare system for winter operation. This task may be postponed until October or November, depending on local conditions. (first Monday in September)
- Make sure unnecessary equipment is properly decommissioned. (first Monday in September)
- Inspect and clean chemical feed lines and solution tanks. (first Monday in October)
- Calibrate chemical feed pumps. (first Monday in October)
- Prepare system for winter operation if not completed in September or October. (first Monday in November)
- Contact an electrician to check running amps on well pumps. (first Monday in December)

+GF+ URECON

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INSTALLATION INSTRUCTION #44E

ELECTRONIC THERMOSTAT

Model No. UTC-2030-(program code #) and Model No. UTC-2230-(program code #) (with 2-pole circuit breaker) and Contactor version

These electronic thermostats are designed to control one or more heating cables having a total current draw that does not exceed 30 A for the relay version and up to 60 A for the contactor version. They can be fitted with up to three temperature sensors as required by the application. Because separate temperature sensors are used, they may be installed on the pipe during the initial installation phase while the controller itself may only be installed at a later date.

Features include:

- Universal power supply allowing operation at 120 to 240 Vac without wiring modifications.
- Internal ground fault detection circuitry eliminating the need for an external ground fault device. Alarm only or alarm and trip is activated when ground fault condition is present.
- Three temperature sensor inputs: TS1 for pipe temperature control, TS2 (when enabled) for pipe temperature control at another location on the piping system and TS3 (when enabled) to serve as a high temperature limit for plastic piping protection. An alarm is activated when an enabled "open" or "shorted" sensor is detected.
- Low temperature alarm on both controlling sensors TS1 and TS2. Alarm level is factory set at a dedicated level for each sensor.
- On-off control with a 1°C *(1.8 °F)* temperature differential for accurate control of piping systems. This close tolerance control can save thousands of kilowatt-hours of power consumption and is ideal to control electric tracing systems in locations where power is costly.
- Override input (factory programmable): timed between 1-48 hours or non-timed.
- Auto-cycle function (when enabled) momentarily turns on heating cable at 24 hours interval to monitor ground fault condition of the load.
- One three-color LED indicator lamp mounted on the door of the controller operates as follows:
  - Green: When illuminated, the power supply to the controller is 'on' and the pipe temperature at the sensor is above the setpoint. When extinguished, the power supply is 'off'.
  - Amber: When illuminated, the temperature controller is calling for heat.
  - Red: When illuminated, this indicates that one of the alarms has been triggered. Controller is not calling for heat.
  - Amber and Red (alternating): This indicates that one of the alarms has been triggered. Controller is calling for heat.
- Non-volatile memory retains all programmed parameters in the event of a power outage.

Conducted and radiated emissions FCC/DOC statement of compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular

installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Installation:

- Be sure that the personnel involved in the installation and servicing is qualified and familiar with electrical equipment, their ratings and applicable codes.
- The wide ambient operating temperature range of the temperature controller allows installation in any convenient location. Considerations should include exposure to weather elements and accessibility for maintenance and testing.
- Mounting hole positions are shown on the drawings in annexes A, B and C.
- Backplate should be removed from the enclosure before any holes are drilled or cut to prevent damage due to flying debris.
- Conduit/cable entries should be made on the bottom of the enclosure to reduce the possibility of water entry. Avoid having holes drilled on the sides adjacent to the electronic components.
- The user may choose to drill 3 mm *(1/8 in)* drain holes on the bottom of the enclosure on both the left and right sides (note that drilling holes in the enclosure compromises the Nema 4 rating).
- Use connector bushings suitable for the enclosure type and install such that the completed installation remains waterproof.

Wiring:

- Always verify wiring connections before applying power to the controller. To avoid injury or equipment damage, do not install or remove wiring while controller is powered.
- To minimize chances of loose connections, lever-operated spring-loaded terminals are used for signal wiring.
- Use shielded, twisted, three-conductor wire for the extension of the RTD leads.
- Use shielded, twisted, two-conductor wire for the extension of the thermistor leads.
- Shields on the temperature sensor wiring should be grounded only at the controller end using the appropriate terminals provided (# 4, 8 and 15).

  Note: Some sensor constructions may have continuity between the drain wire and the metal housing at the tip; in this case, the drain wire should not be connected to ground. Drain wire continuity should be verified with a digital multi-meter.
- To minimize the risk of damages to the controller due to a cable fault, the integrity of the heating cable should be verified by:
  - ✤ Performing a high voltage insulation test.
  - ✤ Measuring the load resistance with an ohmmeter.
  - ✤ In both cases, the results should be recorded for future reference.

Sensor type:

This temperature controller can be factory programmed to operate with one of two different types of temperature sensor. By default, the controller is programmed for 100 ohms @ 0 °C *(32 °F)* Platinum RTD sensor(s). It can also be programmed for 2 252 ohms @ 25 °C *(77 °F)* thermistor(s) on special request. The last two digits of the controller's catalog number indicate the programming code. Control program codes from 01 to 49 are for use with RTDs and codes from 51 to 99 are for thermistors. Ensure that the proper type of temperature sensor is used with the controller. Program codes are listed in annex E and is identified by a label on the electronics.

Sensor location:

- Install the temperature sensor(s) with aluminum foil tape to enhance heat transfer.
- The controlling sensor is to be taped directly to the pipe wall, 180° away from the heating cable.
- The controlling sensor(s) TS1 and TS2 (when feature enabled) should be located at the expected coldest point(s) of the piping system.
- If controlling a pipe entering a heated building, the sensor(s) must be located at least 3 m *(10 ft)* away from the outside wall to avoid inaccurate temperature sensing.
- The high cable temperature sensor (TS3) is to be taped to an active heating zone of the heating cable (not to the cold lead), within the heat trace channel.

Note: The accurate identification and positioning of the sensor(s) are essential for an efficient and safe operation of the system.

Troubleshooting :

Temperature sensor failure :

This alarm will indicate that one of the sensors is not operating properly. The temperature sensor may fail due to an "open" or "shorted" condition. Ensure that you are using the correct type of sensor i.e. : 3-wire RTD or 2-wire thermistor (refer to program code table in annex E), and that it is wired correctly.

Probable causes of alarm :

- Incorrect or damaged field wiring, “open” leads or excess resistance due to broken or damaged wires or loose connections.
- Damaged or inoperative temperature sensor.
- Wrong type of sensor used.

When using RTDs :

- Ensure that the RTD is a 3-wire 100 ohms @ 0 °C *(32 °F)* Platinum type.
- Disconnect the RTD wiring from the input terminals.
- Measure the resistance between the source (white) and sense (black) leads at the controller. It should not exceed 40 ohms. Excessive lead resistance will cause a sensor failure alarm and must be corrected. Look for loose terminals, excessive lead length or insufficient wire gauge and correct as necessary.
- Measure the resistance between the source (white) or sense (black) lead and the common (red) lead of the RTD at the controller. It should be between 84 and 178 ohms depending on the probe temperature and lead resistance. Refer to the resistance table in annex F.
- Verify that the RTD is wired correctly. Refer to the wiring diagram in annex D.
- Ensure that the RTD extension wire (when used) is grounded at one end only, normally at the controller terminal.

When using thermistors :

- Ensure that the thermistor is a 2-wire 2 252 ohms @ 25 °C *(77 °F)* NTC thermistor.
- Disconnect the thermistor wiring from the input terminals.
- Measure the resistance between both leads of the thermistor at the controller. It should be between 75,593 and 152 ohms depending on the probe temperature and lead resistance. Refer to the resistance table in annex F.
- Verify that the thermistor is wired correctly. Refer to the wiring diagram in annex D.
- Ensure that the thermistor extension wire (when used) is grounded at one end only, normally at the controller terminal.

Low temperature alarm (when enabled) :

This alarm will appear when the temperature at the sensor decreases below the low temperature setpoint.

Probable causes of alarm :

- Alarm setpoint too close to maintain temperature setpoint.
- Flow of cold liquid.
- Empty pipe venting out in the atmosphere.
- Damaged or missing thermal insulation.
- Heating cable not sized properly for the application.
- Damaged heating cable.
- Recent power outage allowing pipe to cool under setpoint.

Seemingly incorrect temperature :

Disconnect the temperature sensor from the input terminals at the controller.

When using RTDs :

- To evaluate the temperature at an RTD, measure the resistance from source or sense lead wire to the common lead wire and substract the resistance measured between source and sense lead wires. The resulting value can be cross-referenced to the table in annex F.

When using thermistors :

- To evaluate the temperature at a thermistor, measure the resistance between both leads. The resulting value can be cross-referenced to the table in annex F.

In both cases, you can usually determine if the temperature obtained from the list is representative of the conditions on the pipe. If you have more than one sensor installed, you can compare the readings. Note that when comparing values of a sensor on the pipe with a sensor on the heating cable, you should ensure that the heating cable has been de-energized for a substantial period of time to allow for both sensors to be in similar temperature environments.

GFI alarm :

This alarm is caused by a ground fault leakage current in excess of the setting.

Probable causes of alarm :

- Alarm level set too close to normal leakage current.
- Damaged cable insulation or moisture presence.
- Poor cable splice or termination.
- Moisture in enclosure that provides a conductive ground path sufficient to trigger the alarm.

UTC-2030 SPECIFICATIONS:

Alarm output : 1 A max, 240 Vac max., 50/60 Hz, SPDT (form C) relay output configured for "fail-safe" operation.

Approvals : CSA "C" - "US" for ordinary locations.

Enclosure: Nema 4, gray painted steel with ¼ turn latch.

Indicator light: Nema 4 multi-function three color LED.

Input voltage range : 120-240 Vac, 50/60 Hz.

Monitoring and alarming : The electronics monitor low temperature, ground fault current and open / shorted temperature sensor(s).

Operating ambient temp.: -40 to +40 °C *(-40 to +104 °F).*

Power output : 2-pole relay output rated 30 A - 240 Vac.

Terminal blocks:

Power terminals for #22 to #8 AWG

Power in:	L1, N or L2.
Heater out:	H1, N or H2

Signal terminals for #28 to #12 AWG

Sensors:	TS1:	#1-2-3-4.
	TS2:	#5-6-7-8.
	TS3:	#12-13-14-15.
	Alarm relay:	#9-10-11.
	Alarm reset:	#16-17.
	Override input:	#18-19.

Valid temperature range: -40 to +100 °C *(-40 to +212 °F).*

FACTORY PROGRAMMABLE:

Auto-cycle : When the temperature controller is energized, and then at 24 hours intervals, the controller performs an auto-cycle test by turning on the load to measure the ground fault leakage current. If the measured ground fault current is above the set level, the ground fault current alarm is activated.

Ground fault detection : Factory adjustable to trip or alarm only. Setting @ 30 or 100 ma.

Remote override : The user may force the unit on/off via a remote dry contact. Factory adjustable to operate in timed (1-48 hours) or non-timed mode.

Temperature control : three 3-wire 100 Ω @ 0 °C *(32 °F)* Platinum RTD (alpha=0,00385 Ω/Ω/°C), lead compensated to 20 Ω per lead.
or
three 2-wire 2 252 Ω @ 25 °C *(77 °F)* NTC Thermistor.

Deadband : 1 to 5 °C *(1.8 to 9 °F)* see ANNEX E.

Control temperature setpoint range: -5 to 75 °C *(23 to 167 °F)* see ANNEX E.

Low temperature alarm : Feature can be enabled to provide low temperature alarm on TS1 and TS2.

Low temperature setpoint range: -10 to 75 °C *(14 to 167 °F)* see ANNEX E.

High cable temperature: The third temperature sensor (referred to as TS3) is used as a high cable temperature limit for plastic piping system protection. When TS3 is enabled, the high limit feature will override demand for heat and shut off the load when a high cable temperature condition is reached.

High temperature set point range: 25 to 100 °C *(77 to 212 °F)* see ANNEX E.

UTC-2230 SPECIFICATIONS :

Same specifications as the UTC-2030, with the addition of :

Circuit breaker : 2-pole, 30 A, 240 Vac, pre-wired to the temperature control board.

Terminal blocks: Incoming power lugs at the circuit breaker for: #14 to #4 AWG

CONTACTOR VERSION SPECIFICATIONS :

Same specifications as the UTC-2030, except for the following :

Sequence of number is : UTC-VPAA-xx

'V' in the catalog number denotes the operating voltage, i.e. : 2 for 208, 4 for 480 or 6 for 600 .

'P' in the catalog number denotes the number of poles on the circuit breaker, i.e. : 2 or 3.

'AA' in the catalog number denotes the amperage of the circuit breaker, i.e. : 15, 20, 25, 30, 35, 40, 45, 50 or 60.

'xx' in the catalog number denotes the control program code (see annex E).

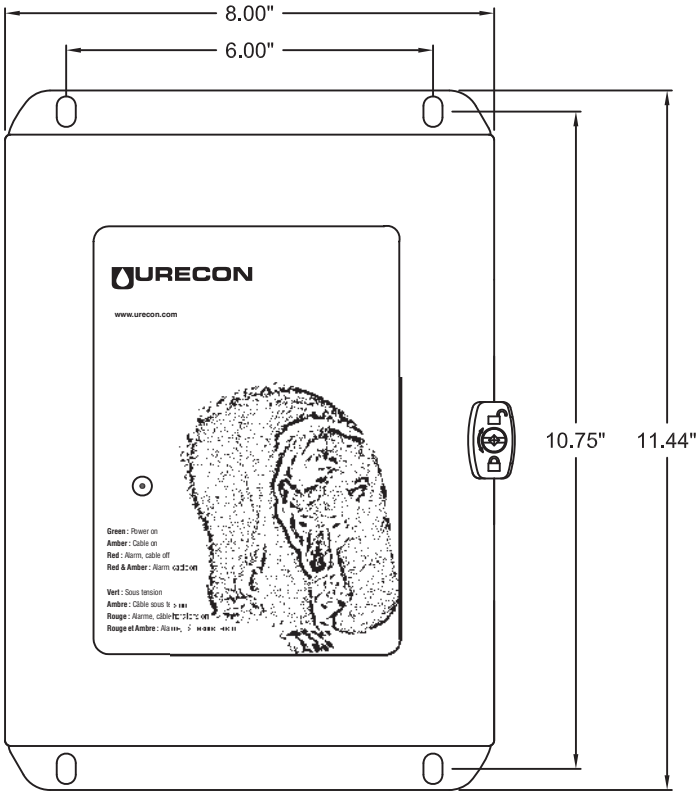
Input voltage : 208, 480 or 600 Vac, 50/60 Hz, 3-phase / 4-wire.

Power output : 3-pole contactor output rated 60 A - 600 V ac.

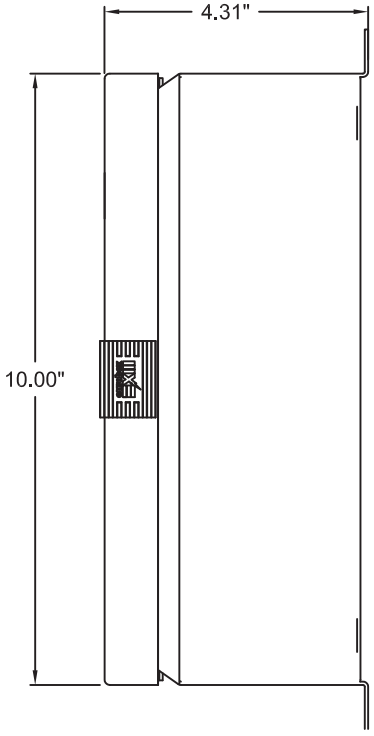
Terminal blocks:	Power in terminals;	L1, L2 and L3:	#14 to # 4 AWG
	Heater terminals;	H1, H2 and H3:	#14 to # 3 AWG
	Neutral terminals:		#14 to # 6 AWG

ANNEXE / ANNEX **A**

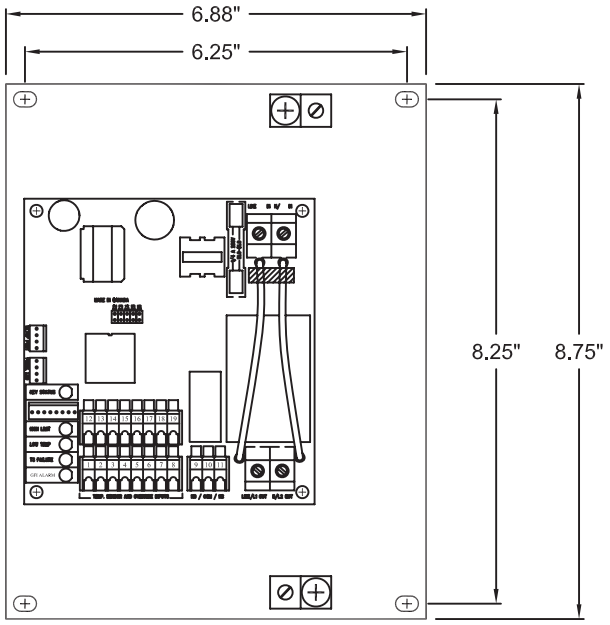
UTC-2030
Thermostat électronique / Electronic thermostat



ÉLÉVATION / FRONT VIEW



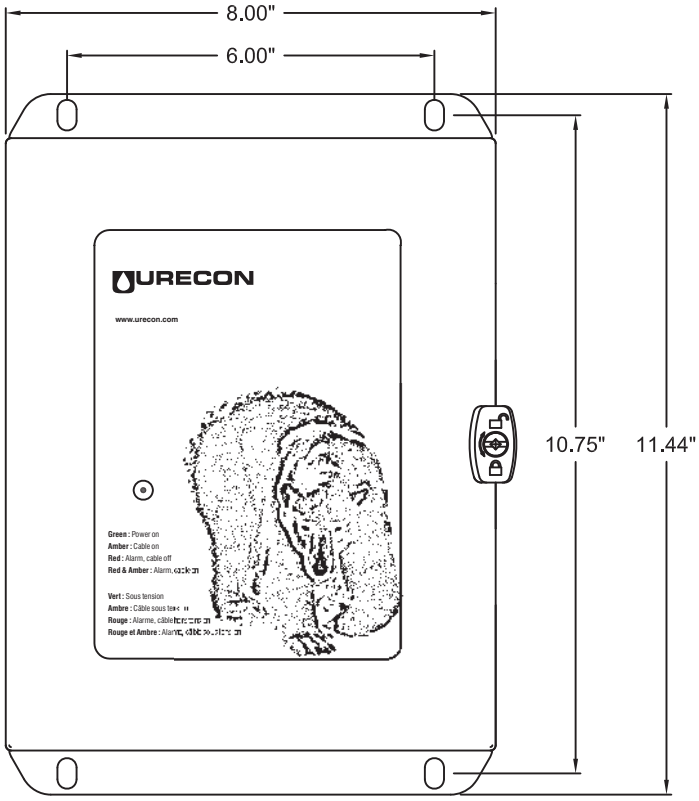
PROFIL / LEFT SIDE VIEW



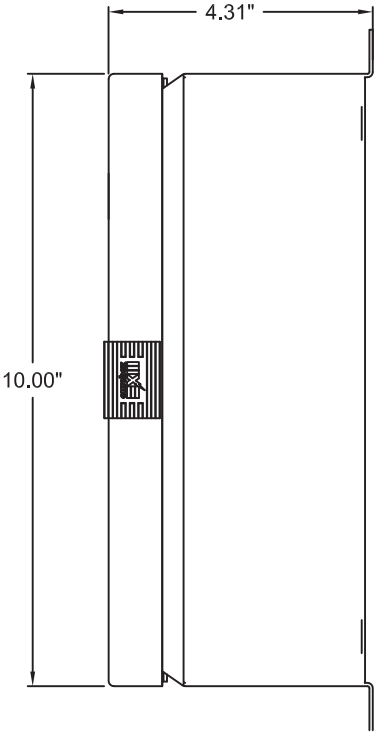
PLAQUE DE FOND / BACKPLATE

ANNEXE / ANNEX **B**

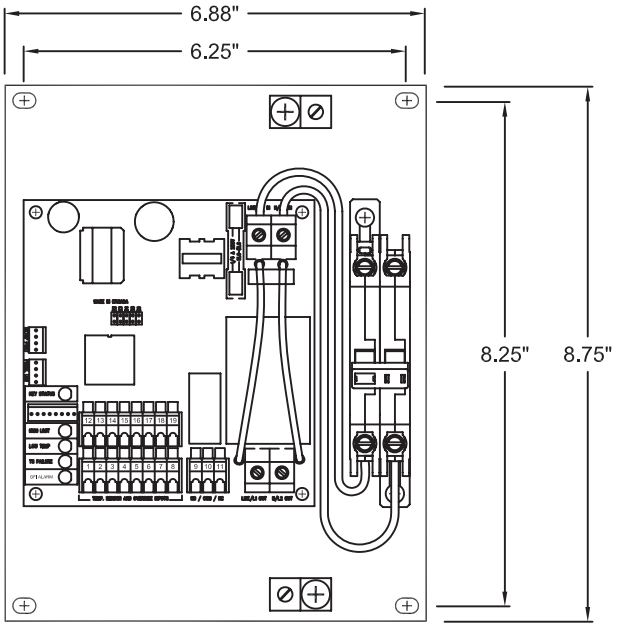
UTC-2230
Thermostat électronique / Electronic thermostat



ÉLÉVATION / FRONT VIEW



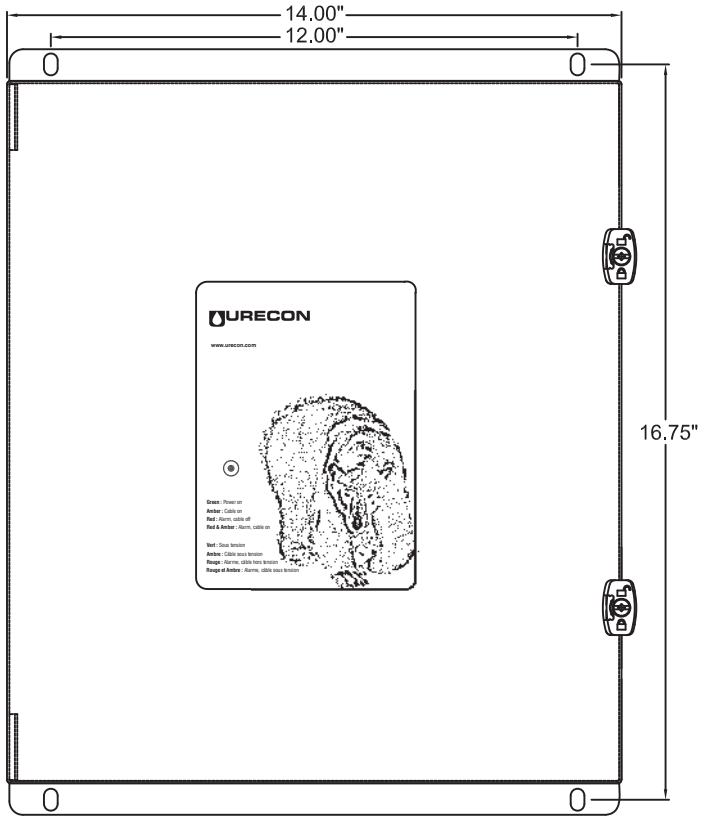
PROFIL / LEFT SIDE VIEW



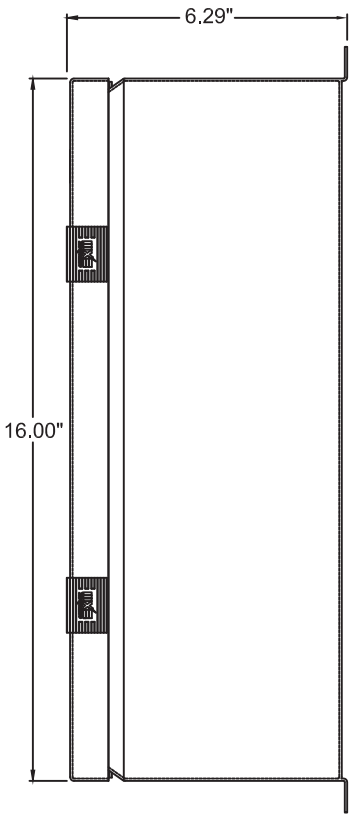
PLAQUE DE FOND / BACKPLATE

ANNEXE / ANNEX C

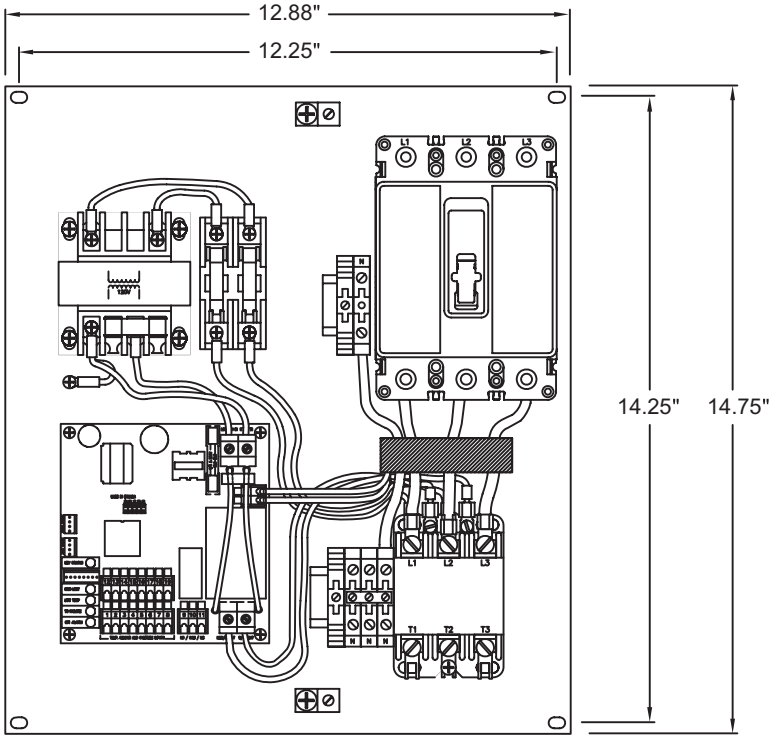
Thermostat électronique à contacteur / Contactor version electronic thermostat



ÉLÉVATION / FRONT VIEW



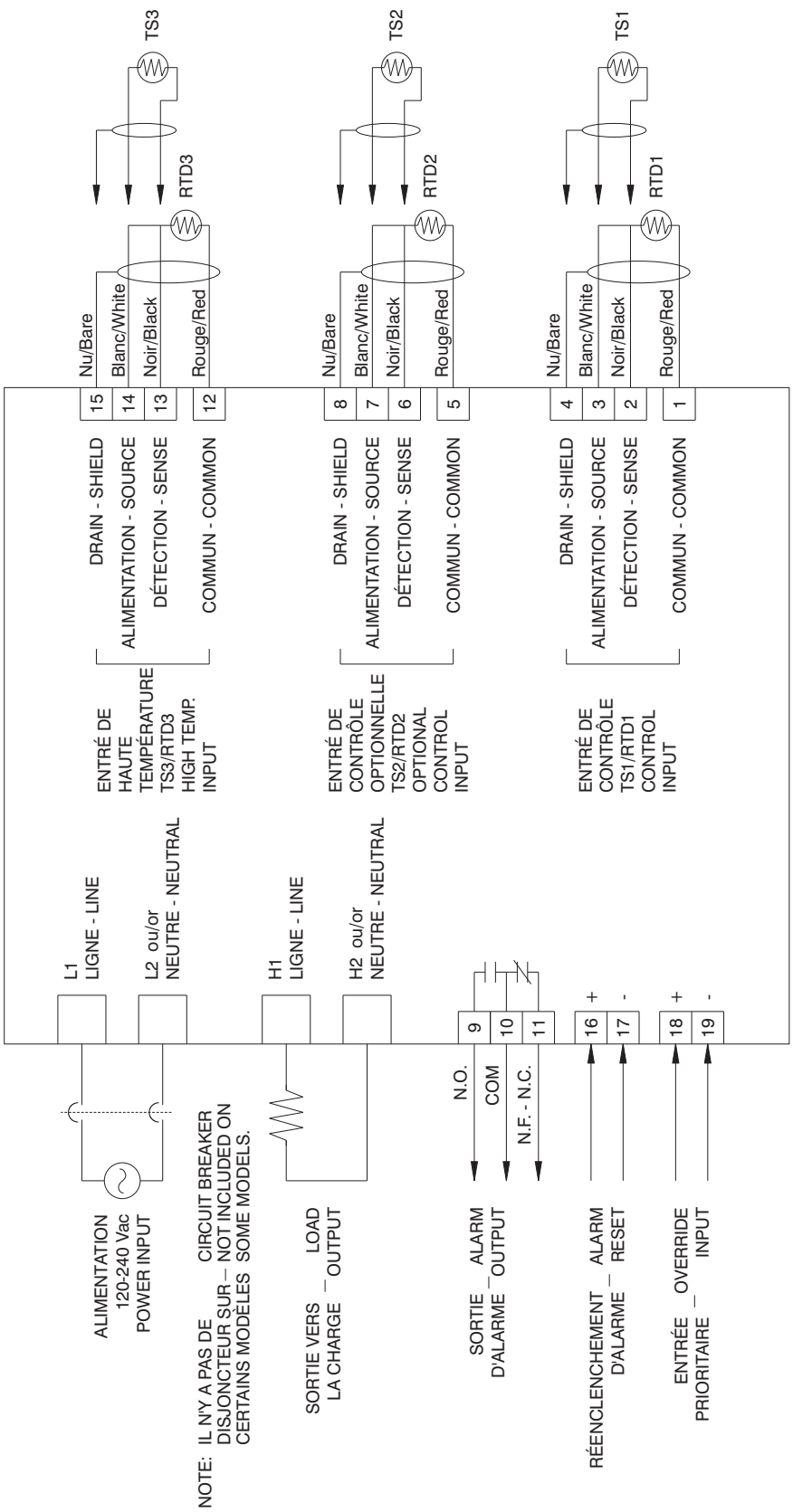
PROFIL / LEFT SIDE VIEW



PLAQUE DE FOND / BACKPLATE

ANNEXE / ANNEX **D**

Schéma de câblage / Wiring Diagram



ANNEXE / ANNEX **E**

UTC-2030-xx, UTC-2230-xx, UTC-VPAA-xx

xx doit être remplacé par le code de programmation approprié

xx is to be replaced by the appropriate program code number

code de programmation pour RTD RTD program code		Capteur de contrôle TS1 (alarme en indice) Température Controlling sensor TS1 (alarm in subscript)	Capteur de contrôle TS2 (alarme en indice) Température Controlling sensor TS2 (alarm in subscript)	Capteur de haute température TS3 Température High temperature sensor TS3	code de programmation pour thermistance Thermistor program code	
POUR TUYAU DE PLASTIQUE FOR PLASTIC PIPE	01	3 °C (37.4 °F)	–	65 °C (149 °F)	51	POUR TUYAU DE PLASTIQUE FOR PLASTIC PIPE
	02	3_1 °C ($37.4_{33.8}$ °F)	–	65 °C (149 °F)	52	
	03	5 °C (41 °F)	–	65 °C (149 °F)	53	
	04	5_3 °C ($41_{37.4}$ °F)	–	65 °C (149 °F)	54	
	05	10 °C (50 °F)	–	65 °C (149 °F)	55	
	06	10_5 °C (50_{41} °F)	–	65 °C (149 °F)	56	
	07	15 °C (59 °F)	–	65 °C (149 °F)	57	
	08	15_{10} °C (59_{50} °F)	–	65 °C (149 °F)	58	
	11	3 °C (37.4 °F)	3 °C (37.4 °F)	65 °C (149 °F)	61	
	12	3_1 °C ($37.4_{33.8}$ °F)	3_1 °C ($37.4_{33.8}$ °F)	65 °C (149 °F)	62	
	13	5 °C (41 °F)	5 °C (41 °F)	65 °C (149 °F)	63	
	14	5_3 °C ($41_{37.4}$ °F)	5_3 °C ($41_{37.4}$ °F)	65 °C (149 °F)	64	
	15	10 °C (50 °F)	10 °C (50 °F)	65 °C (149 °F)	65	
	16	10_5 °C (50_{41} °F)	10_5 °C (50_{41} °F)	65 °C (149 °F)	66	
	17	15 °C (59 °F)	15 °C (59 °F)	65 °C (149 °F)	67	
	18	15_{10} °C (59_{50} °F)	15_{10} °C (59_{50} °F)	65 °C (149 °F)	68	
POUR TUYAU DE MÉTAL FOR METAL PIPE	21	3 °C (37.4 °F)	–	–	71	POUR TUYAU DE MÉTAL FOR METAL PIPE
	22	3_1 °C ($37.4_{33.8}$ °F)	–	–	72	
	23	5 °C (41 °F)	–	–	73	
	24	5_3 °C ($41_{37.4}$ °F)	–	–	74	
	25	10 °C (50 °F)	–	–	75	
	26	10_5 °C (50_{41} °F)	–	–	76	
	27	15 °C (59 °F)	–	–	77	
	28	15_{10} °C (59_{50} °F)	–	–	78	
	31	3 °C (37.4 °F)	3 °C (37.4 °F)	–	81	
	32	3_1 °C ($37.4_{33.8}$ °F)	3_1 °C ($37.4_{33.8}$ °F)	–	82	
	33	5 °C (41 °F)	5 °C (41 °F)	–	83	
	34	5_3 °C ($41_{37.4}$ °F)	5_3 °C ($41_{37.4}$ °F)	–	84	
	35	10 °C (50 °F)	10 °C (50 °F)	–	85	
	36	10_5 °C (50_{41} °F)	10_5 °C (50_{41} °F)	–	86	
	37	15 °C (59 °F)	15 °C (59 °F)	–	87	
	38	15_{10} °C (59_{50} °F)	15_{10} °C (59_{50} °F)	–	88	

ANNEXE / ANNEX **F**

Capteurs de température utilisés avec les thermostats électroniques de la série UTC.

Temperature sensors used with the UTC line of electronic thermostats.

Thermistance / Thermistor (Modèle précedent / Previous model) **de / of 2 252 ohms @ 25 °C *(77 °F)***	
Température Temperature	**Résistance Resistance**
-40 °C *(-40 °F)*	75 593 Ω
-35 °C *(-31 °F)*	54 542 Ω
-30 °C *(-22 °F)*	39 789 Ω
-25 °C *(-13 °F)*	29 331 Ω
-20 °C *(-4 °F)*	21 839 Ω
-15 °C *(5 °F)*	16 416 Ω
-10 °C *(14 °F)*	12 453 Ω
-5 °C *(23 °F)*	9 529,2 Ω
0 °C *(32 °F)*	7 353,0 Ω
5 °C *(41 °F)*	5 719,1 Ω
10 °C *(50 °F)*	4 482,3 Ω
15 °C *(59 °F)*	3 538,8 Ω
20 °C *(68 °F)*	2 813,6 Ω
25 °C *(77 °F)*	2 252,0 Ω
30 °C *(86 °F)*	1 814,2 Ω
35 °C *(95 °F)*	1 470,6 Ω
40 °C *(104 °F)*	1 192,2 Ω
45 °C *(113 °F)*	983,4 Ω
50 °C *(122 °F)*	810,9 Ω
55 °C *(131 °F)*	672,2 Ω
60 °C *(140 °F)*	560,1 Ω
65 °C *(149 °F)*	468,9 Ω
70 °C *(158 °F)*	394,5 Ω
75 °C *(167 °F)*	333,3 Ω
80 °C *(176 °F)*	282,9 Ω
85 °C *(185 °F)*	241,1 Ω
90 °C *(194 °F)*	206,3 Ω
95 °C *(203 °F)*	177,2 Ω
100 °C *(212 °F)*	152,8 Ω

RTD de Platine / Platinum RTD (Modèle courant / Current model) **de / of 100 ohms @ 0 °C *(32 °F)***	
Température Temperature	**Résistance Resistance**
-40 °C *(-40 °F)*	84,27 Ω
-35 °C *(-31 °F)*	86,25 Ω
-30 °C *(-22 °F)*	88,22 Ω
-25 °C *(-13 °F)*	90,19 Ω
-20 °C *(-4 °F)*	92,16 Ω
-15 °C *(5 °F)*	94,12 Ω
-10 °C *(14 °F)*	96,09 Ω
-5 °C *(23 °F)*	98,04 Ω
0 °C *(32 °F)*	100,00 Ω
5 °C *(41 °F)*	101,95 Ω
10 °C *(50 °F)*	103,90 Ω
15 °C *(59 °F)*	105,85 Ω
20 °C *(68 °F)*	107,79 Ω
25 °C *(77 °F)*	109,73 Ω
30 °C *(86 °F)*	111,67 Ω
35 °C *(95 °F)*	113,61 Ω
40 °C *(104 °F)*	115,54 Ω
45 °C *(113 °F)*	117,47 Ω
50 °C *(122 °F)*	119,40 Ω
55 °C *(131 °F)*	121,32 Ω
60 °C *(140 °F)*	123,24 Ω
65 °C *(149 °F)*	125,16 Ω
70 °C *(158 °F)*	127,07 Ω
75 °C *(167 °F)*	128,98 Ω
80 °C *(176 °F)*	130,89 Ω
85 °C *(185 °F)*	132,80 Ω
90 °C *(194 °F)*	134,70 Ω
95 °C *(203 °F)*	136,60 Ω
100 °C *(212 °F)*	138,50 Ω

APPENDIX D

Water Model Results

N-J264
Elev: 5646 ft
99 psi

J346
Elev: 5646 ft
99 psi

N-J262
Elev: 5649 ft
98 psi

J352
Elev: 5647 ft
98 psi

J348
Elev: 5647 ft
99 psi

J258
Elev: 5652 ft
96 psi

J260
Elev: 5651 ft
97 psi

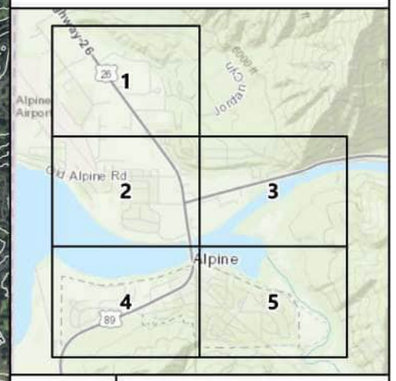
MATCH 2

Legend

- Major Contour per USGS LiDAR (25' Interval)
- Minor Contour per USGS LiDAR (5' Interval)
- Water Hydrants
- Water Meter
- Tank
- Reservoir

Diameter

- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



0 125 250 500
Feet
SCALE: 1" = 450'

SUNRISE ENGINEERING
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www.sunrise-eng.com

Figure 1
Existing System
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Existing Layout, 6/2/2025 1:05 PM, cody.peck

MATCH 1

J348
Elev: 5647 ft
99 psi

J344
Elev: 5650 ft
97 psi

N-J260
Elev: 5651 ft
97 psi

J502
Elev: 5642 ft
101 psi

N-J256
Elev: 5655 ft
95 psi

N-J242
Elev: 5652 ft
96 psi

N-J226
Elev: 5650 ft
97 psi

N-J246
Elev: 5655 ft
95 psi

N-J232
Elev: 5648 ft
98 psi

N-J224
Elev: 5649 ft
98 psi

N-J230
Elev: 5652 ft
96 psi

J272
Elev: 5657 ft
94 psi

N-J236
Elev: 5654 ft
95 psi

N-J234
Elev: 5654 ft
96 psi

N-J240
Elev: 5653 ft
96 psi

N-J244
Elev: 5653 ft
96 psi

J254
Elev: 5656 ft
95 psi

N-J228
Elev: 5660 ft
93 psi

N-J216
Elev: 5663 ft
91 psi

N-J220
Elev: 5663 ft
92 psi

N-J212
Elev: 5666 ft
90 psi

J264
Elev: 5661 ft
92 psi

N-J218
Elev: 5662 ft
92 psi

N-J222
Elev: 5660 ft
93 psi

J268
Elev: 5660 ft
93 psi

J250
Elev: 5649 ft
98 psi

J248
Elev: 5653 ft
96 psi

J252
Elev: 5654 ft
95 psi

N-J238
Elev: 5659 ft
93 psi

J256
Elev: 5649 ft
98 psi

MATCH 3

MATCH 4

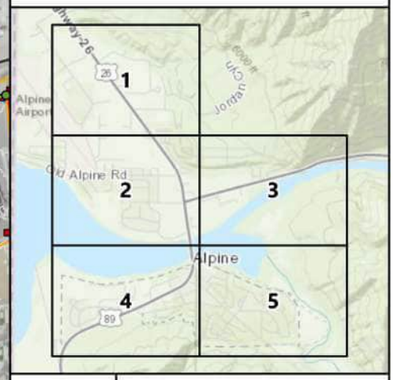
BLUE LAKE CIR
AIRPORT DR
RUNWAY
ALPINE VILLAGE CIR
1ST ST
FIRST AVE
OLD ALPINE AKA CO RD 100
NATLFOREST DEVELOP ROAD 004 RD
CO RD 100
NFS RD 004
BUCK LN
KELLY LN
S KELLY LN
E COTTAGE LN
COTTAGE DR
W COTTAGE LN
BUCK RAIL
BUCK RAIL LN
LUPINE CIR
LARKSPUR CIR
LARKSPUR CT
OLD ALPINE RD
ASTER LOOP
ARNICA TRL
WINTERGREEN DR
SWEETGRASS TRL
COLUMBINE ST
OATGRASS ST
FOXTAIL ST
LONG LEAF RD
WOOD ROSE RD
HONEY SUCKLE RD
LANCE LEAF RD
MEADOW RIDGE RD
ASPEN RIDGE TRL
PINE ST
LUCY CIR
US-HWY-26
US-HWY-89
ALPINE BOAT LNDG
SNAKE RIVER
5650
5625
5700
5725
5750
5775
5800

Legend

- Major Contour per USGS LiDAR (25' Interval)
- Minor Contour per USGS LiDAR (5' Interval)
- Water Hydrants
- Water Meter
- Tank
- Reservoir

Diameter

- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

0 125 250 500
Feet
SCALE: 1" = 450'

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www.sunrise-eng.com

Figure 2
Existing System
Alpine, Wyoming

Date: 6/2/2025

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NSU
Elev: 5855 ft
9 psi

J192
Elev: 5669 ft
89 psi

N-J210
Elev: 5669 ft
89 psi

N-J208
Elev: 5668 ft
90 psi

N-J214
Elev: 5667 ft
90 psi

N-J204
Elev: 5666 ft
90 psi

N-J186
Elev: 5662 ft
92 psi

N-J188
Elev: 5661 ft
93 psi

J200
Elev: 5662 ft
92 psi

N-J190
Elev: 5661 ft
93 psi

N-J194
Elev: 5661 ft
93 psi

N-J202
Elev: 5668 ft
90 psi

N-J198
Elev: 5664 ft
91 psi

J264
Elev: 5661 ft
92 psi

J262
Elev: 5662 ft
92 psi

J274
Elev: 5660 ft
93 psi

J270
Elev: 5661 ft
93 psi

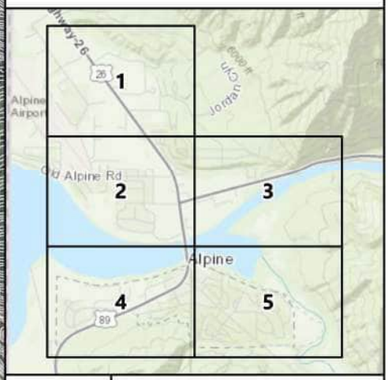
N-J238
Elev: 5659 ft
93 psi

N-J196
Elev: 5661 ft
93 psi

SPRUCE ST
FOREST DR
PINE ST
REESE'S SUBDIVISION
COLONIAL LN
US HWY 26
US HWY 89
SNAKE RIVER
BLUE WING LN
GREYS RIVER
MATCH 2
MATCH 5

Legend
- Major Contour per USGS LiDAR (25' Interval)
- Minor Contour per USGS LiDAR (5' Interval)
- Water Hydrants
- Water Meter
- Tank
- Reservoir

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 3
Existing System
Alpine, Wyoming

Date: 6/2/2025

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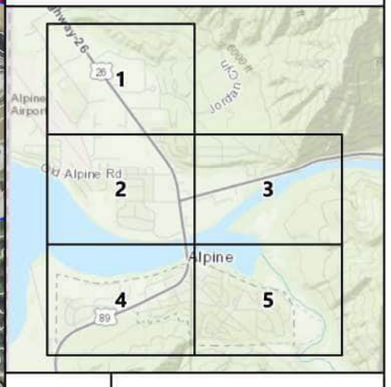
MATCH 2

Legend
- Major Contour per USGS LiDAR (25' Interval)
- Minor Contour per USGS LiDAR (5' Interval)
- Water Hydrants
- Water Meter
- Tank
- Reservoir

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch

J396 Elev: 5635 ft 104 psi
J398 Elev: 5633 ft 105 psi
J400 Elev: 5639 ft 102 psi
J402 Elev: 5644 ft 100 psi
J50 Elev: 5651 ft 97 psi
J46 Elev: 5651 ft 97 psi
J42 Elev: 5652 ft 96 psi
J38 Elev: 5656 ft 95 psi
J48 Elev: 5649 ft 98 psi
J44 Elev: 5654 ft 96 psi
J36 Elev: 5654 ft 95 psi
J30 Elev: 5657 ft 94 psi
J52 Elev: 5652 ft 96 psi
J28 Elev: 5655 ft 95 psi
J32 Elev: 5653 ft 96 psi
J34 Elev: 5651 ft 97 psi
J26 Elev: 5655 ft 95 psi
J40 Elev: 5650 ft 97 psi
J54 Elev: 5653 ft 96 psi
J90 Elev: 5657 ft 94 psi
J88 Elev: 5668 ft 89 psi
J94 Elev: 5660 ft 93 psi
J98 Elev: 5658 ft 94 psi
J100 Elev: 5660 ft 93 psi
J326 Elev: 5659 ft 93 psi
J56 Elev: 5661 ft 92 psi
J58 Elev: 5661 ft 92 psi
J60 Elev: 5662 ft 92 psi
J62 Elev: 5663 ft 92 psi
J64 Elev: 5661 ft 93 psi
J96 Elev: 5662 ft 92 psi
J84 Elev: 5665 ft 90 psi
J86 Elev: 5663 ft 91 psi
J82 Elev: 5705 ft 73 psi
J104 Elev: 5660 ft 93 psi
J80 Elev: 5663 ft 91 psi
J70 Elev: 5663 ft 91 psi
J144 Elev: 5663 ft 91 psi
J146 Elev: 5663 ft 91 psi
J106 Elev: 5665 ft 91 psi
J74 Elev: 5665 ft 91 psi
J72 Elev: 5665 ft 91 psi
J68 Elev: 5666 ft 90 psi
J184 Elev: 5734 ft 101 psi
J182 Elev: 5742 ft 97 psi
J186 Elev: 5755 ft 91 psi
250K Elev: 5950 ft 6 psi

SNAKE RIVER
BUFFALO DR
ELK RUN
MORNING STAR DR
PARK CIR
US-HWY-89
PALISADES LN
RIVER VIEW DR
SNAKE RIVER DR
DEER LN
RIVER CIR
TRAIL DR
STOOR DR
STOOR ST
GRAND VIEW DR
MOUNTAIN DR
MATCH 5
PALISADES RESERVOIR CO RD 101
CO RD 101



N North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 4
Existing System
Alpine, Wyoming

Date: 6/2/2025

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MATCH 3

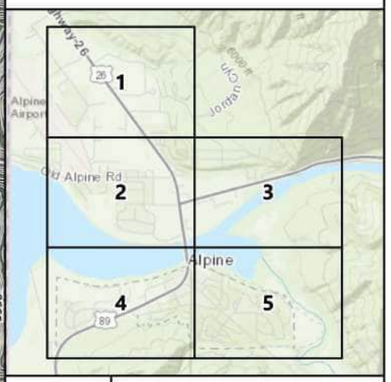
MATCH 4

J206 Elev: 5661 ft 93 psi
J146 Elev: 5663 ft 91 psi
J154 Elev: 5665 ft 91 psi
J138 Elev: 5663 ft 92 psi
J16 Elev: 5661 ft 93 psi
J136 Elev: 5670 ft 89 psi
J134 Elev: 5670 ft 88 psi
J14 Elev: 5662 ft 92 psi
J12 Elev: 5666 ft 90 psi
J204 Elev: 5668 ft 90 psi
J150 Elev: 5668 ft 90 psi
J210 Elev: 5671 ft 88 psi
J10 Elev: 5676 ft 86 psi
J228 Elev: 5651 ft 97 psi
J230 Elev: 5654 ft 96 psi
J132 Elev: 5670 ft 88 psi
J72 Elev: 5665 ft 91 psi
J130 Elev: 5673 ft 87 psi
J110 Elev: 5673 ft 87 psi
J18 Elev: 5668 ft 89 psi
J20 Elev: 5653 ft 96 psi
J238 Elev: 5656 ft 95 psi
J240 Elev: 5636 ft 103 psi
J108 Elev: 5673 ft 87 psi
J140 Elev: 5674 ft 87 psi
J216 Elev: 5678 ft 85 psi
J212 Elev: 5682 ft 83 psi
J232 Elev: 5664 ft 91 psi
J234 Elev: 5656 ft 95 psi
J242 Elev: 5647 ft 99 psi
J628 Elev: 5724 ft 105 psi
J178 Elev: 5741 ft 97 psi
J246 Elev: 5701 ft 75 psi
J112 Elev: 5676 ft 86 psi
J142 Elev: 5675 ft 86 psi
J218 Elev: 5682 ft 83 psi
J220 Elev: 5686 ft 82 psi
J182 Elev: 5742 ft 97 psi
J176 Elev: 5754 ft 92 psi
J222 Elev: 5684 ft 83 psi
J236 Elev: 5658 ft 94 psi
J114 Elev: 5689 ft 81 psi
J116 Elev: 5689 ft 80 psi
J186 Elev: 5755 ft 91 psi
J156 Elev: 5774 ft 83 psi
J118 Elev: 5690 ft 80 psi
J172 Elev: 5734 ft 101 psi
J202 Elev: 5683 ft 83 psi
J224 Elev: 5686 ft 82 psi
J158 Elev: 5765 ft 87 psi
J188 Elev: 5811 ft 67 psi
J244 Elev: 5664 ft 91 psi
J152 Elev: 5694 ft 78 psi
J162 Elev: 5797 ft 73 psi
J160 Elev: 5803 ft 71 psi
J166 Elev: 5755 ft 92 psi
J168 Elev: 5788 ft 77 psi
J120 Elev: 5693 ft 79 psi
J190 Elev: 5833 ft 57 psi
J164 Elev: 5809 ft 68 psi
J22 Elev: 5693 ft 79 psi
J194 Elev: 5827 ft 63 psi
J170 Elev: 5783 ft 80 psi
J126 Elev: 5692 ft 80 psi
J380 Elev: 5695 ft 78 psi
Well1 Pump Elev: 5503 ft
Well2 Pump Elev: 5552 ft
500K Elev: 5862 ft 6 psi
J404 Elev: 5694 ft 78 psi
J372 Elev: 5694 ft 129 psi
J488 Elev: 5830 ft 66 psi
Well3 Pump Elev: 5494 ft
250K Elev: 5950 ft 6 psi

GREYS RIVER RD
PARKWAY DR
TRAIL DRIVE RD
W MILL CIR
W LOOP RD
SAWMILL RD
FORREST CIRCLE DR
PINE CREST CIR
TERRACE DR
E MILL RD
LODGE LN
MEADOWS DR
THREE RIVERS DR
FIELD RD
SUNSET DR
GREYS RIVER
FS 10138

Legend
- Major Contour per USGS LiDAR (25' Interval)
- Minor Contour per USGS LiDAR (5' Interval)
- Water Hydrants
- Water Meter
- Tank
- Reservoir

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



NORTH

0 125 250 500
Feet
SCALE: 1" = 450'

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www.sunrise-eng.com

Figure 5
Existing System
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan\S10388\GIS\Exhibits\Alpine Exhibits.aprx, Existing layout, 6/2/2025 1:21 PM, cody.peck

J596
Elev: 5638 ft
116 psi

J602
Elev: 5642 ft
114 psi

J604
Elev: 5640 ft
115 psi

J600
Elev: 5642 ft
114 psi

J626
Elev: 5641 ft
114 psi

J606
Elev: 5643 ft
113 psi

J622
Elev: 5644 ft
113 psi

J610
Elev: 5644 ft
113 psi

J592
Elev: 5645 ft
113 psi

J620
Elev: 5643 ft
113 psi

J588
Elev: 5641 ft
115 psi

Megawell
Pump Elev:
5642 ft

J590
Elev: 5637 ft
116 psi

J594
Elev: 5641 ft
114 psi

J614
Elev: 5645 ft
112 psi

J612
Elev: 5645 ft
112 psi

J574
Elev: 5650 ft
109 psi

J582
Elev: 5654 ft
107 psi

J570
Elev: 5651 ft
108 psi

J580
Elev: 5653 ft
107 psi

J578
Elev: 5652 ft
108 psi

N-J264
Elev: 5646 ft
110 psi

J258
Elev: 5652 ft
108 psi

J586
Elev: 5653 ft
107 psi

J346
Elev: 5646 ft
109 psi

N-J262
Elev: 5649 ft
108 psi

J260
Elev: 5651 ft
107 psi

J576
Elev: 5654 ft
107 psi

J584
Elev: 5655 ft
107 psi

J352
Elev: 5647 ft
109 psi

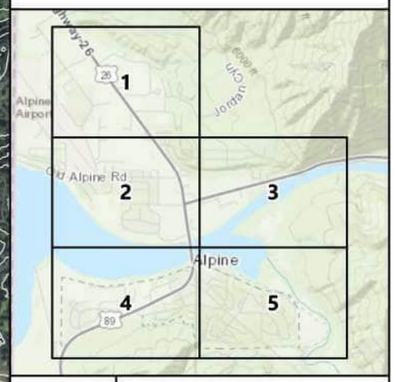
J348
Elev: 5647 ft
109 psi

MATCH 2

Legend
- Fire Hydrants
- Water Meter
- Tanks
- Reservoirs

Pipes

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 1
Future System
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Future Layout, 6/2/2025 1:54 PM, cody.peck

MATCH 1

J348
Elev: 5647 ft
109 psi

J344
Elev: 5650 ft
107 psi

N-J260
Elev: 5651 ft
107 psi

J502
Elev: 5642 ft
110 psi

N-J256
Elev: 5655 ft
102 psi

N-J242
Elev: 5652 ft
102 psi

N-J226
Elev: 5650 ft
102 psi

N-J246
Elev: 5655 ft
98 psi

N-J232
Elev: 5648 ft
103 psi

N-J224
Elev: 5649 ft
102 psi

N-J230
Elev: 5652 ft
101 psi

J272
Elev: 5657 ft
97 psi

N-J236
Elev: 5654 ft
100 psi

N-J234
Elev: 5654 ft
100 psi

N-J240
Elev: 5653 ft
100 psi

N-J244
Elev: 5653 ft
100 psi

J254
Elev: 5656 ft
98 psi

N-J228
Elev: 5660 ft
96 psi

N-J216
Elev: 5663 ft
94 psi

N-J220
Elev: 5663 ft
93 psi

N-J212
Elev: 5666 ft
92 psi

J264
Elev: 5661 ft
94 psi

J636
Elev: 5664 ft
93 psi

N-J218
Elev: 5662 ft
95 psi

N-J222
Elev: 5660 ft
95 psi

J268
Elev: 5660 ft
95 psi

J638
Elev: 5659 ft
95 psi

J640
Elev: 5662 ft
93 psi

N-J238
Elev: 5659 ft
95 psi

J250
Elev: 5649 ft
101 psi

J248
Elev: 5653 ft
100 psi

J252
Elev: 5654 ft
99 psi

J256
Elev: 5649 ft
101 psi

MATCH 3

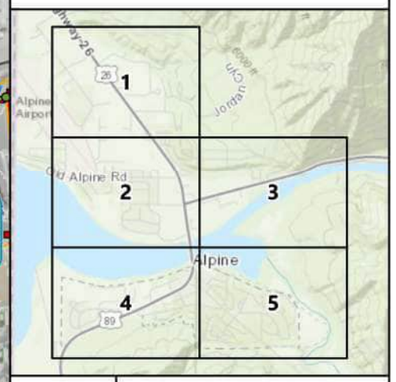
MATCH 4

BLUE LAKE CIR
AIRPORT DR
RUNWAY
ALPINE VILLAGE CIR
1ST ST
FIRST AVE
OLD ALPINE AKA CO RD 100
NATLFOREST DEVELOP ROAD 004 RD
CO RD 100
NFS RD 004
BUCK LN
KELLY LN
S KELLY LN
E COTTAGE LN
COTTAGE DR
W COTTAGE LN
BUCK RAIL
BUCK RAIL LN
LUPINE CIR
LARKSPUR CIR
LARKSPUR CT
OLD ALPINE RD
ASTER LOOP
ARNICA TRL
COLUMBINE ST
OATGRASS ST
FOXTAIL ST
WINTERGREEN DR
SWEETGRASS TRL
LONG LEAF RD
WOOD ROSE RD
HONEY SUCKLE RD
LANCE LEAF RD
MEADOW RIDGE RD
ASPEN RIDGE TRL
PINE ST
LUCY CIR
US HWY 26
US HWY 89
ALPINE BOAT LNDG
SNAKE RIVER
5650
5625
5700
5675
5725
5750
5775
5800

Legend
- Fire Hydrants
- Water Meter
- Tanks
- Reservoirs

Pipes

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 2
Future System
Alpine, Wyoming

Date: 6/2/2025

P:\WYDOT Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Future Layout, 6/2/2025 2:01 PM, cody.peck

NSU
Elev: 5855 ft
9 psi

J192
Elev: 5669 ft
90 psi

N-J204
Elev: 5666 ft
92 psi

N-J186
Elev: 5662 ft
93 psi

N-J188
Elev: 5661 ft
94 psi

N-J208
Elev: 5668 ft
91 psi

N-J202
Elev: 5668 ft
91 psi

J200
Elev: 5662 ft
93 psi

N-J190
Elev: 5661 ft
94 psi

N-J194
Elev: 5661 ft
94 psi

N-J214
Elev: 5667 ft
92 psi

N-J198
Elev: 5664 ft
92 psi

J262
Elev: 5662 ft
94 psi

J274
Elev: 5660 ft
94 psi

J264
Elev: 5661 ft
94 psi

J270
Elev: 5661 ft
94 psi

N-J238
Elev: 5659 ft
95 psi

N-J196
Elev: 5661 ft
94 psi

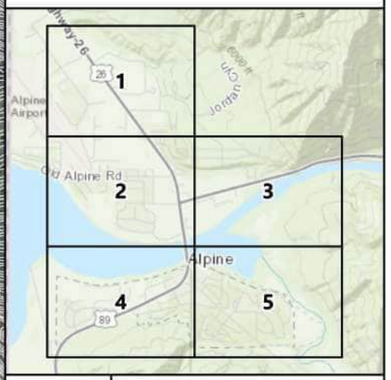
MATCH 2

MATCH 5

SPRUCE ST
PINE ST
FOREST DR
REESE'S SUBDIVISION
COLONIAL LN
US HWY 26
US HWY 89
SNAKE RIVER
GREYS RIVER

Legend
- Fire Hydrants
- Water Meter
- Tanks
- Reservoirs

Pipes
Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 3
Future System
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10389)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Future Layout, 6/2/2025 2:05 PM, cody.peck

MATCH 2

J396
Elev: 5635 ft
104 psi

J398
Elev: 5633 ft
105 psi

J400
Elev: 5639 ft
102 psi

J402
Elev: 5644 ft
100 psi

J50
Elev: 5651 ft
97 psi

J46
Elev: 5651 ft
97 psi

J42
Elev: 5652 ft
97 psi

J38
Elev: 5656 ft
95 psi

J48
Elev: 5649 ft
98 psi

J44
Elev: 5654 ft
96 psi

J36
Elev: 5654 ft
96 psi

J30
Elev: 5657 ft
94 psi

J28
Elev: 5655 ft
95 psi

J90
Elev: 5657 ft
95 psi

J52
Elev: 5652 ft
97 psi

J32
Elev: 5653 ft
97 psi

J34
Elev: 5651 ft
97 psi

J26
Elev: 5655 ft
96 psi

J88
Elev: 5668 ft
90 psi

J40
Elev: 5650 ft
98 psi

J54
Elev: 5653 ft
96 psi

J94
Elev: 5660 ft
93 psi

J56
Elev: 5661 ft
93 psi

J60
Elev: 5662 ft
93 psi

J62
Elev: 5663 ft
92 psi

J64
Elev: 5661 ft
94 psi

J144
Elev: 5663 ft
92 psi

J96
Elev: 5662 ft
93 psi

J146
Elev: 5663 ft
92 psi

J58
Elev: 5661 ft
93 psi

J106
Elev: 5665 ft
91 psi

J74
Elev: 5665 ft
91 psi

J100
Elev: 5660 ft
93 psi

J104
Elev: 5660 ft
93 psi

J326
Elev: 5659 ft
94 psi

J70
Elev: 5663 ft
92 psi

J68
Elev: 5666 ft
91 psi

J98
Elev: 5658 ft
94 psi

J80
Elev: 5663 ft
92 psi

J86
Elev: 5663 ft
92 psi

J72
Elev: 5665 ft
91 psi

J84
Elev: 5665 ft
91 psi

V8000_NU
Elev: 5723 ft
105 psi

J82
Elev: 5705 ft
74 psi

J184
Elev: 5734 ft
101 psi

J182
Elev: 5742 ft
97 psi

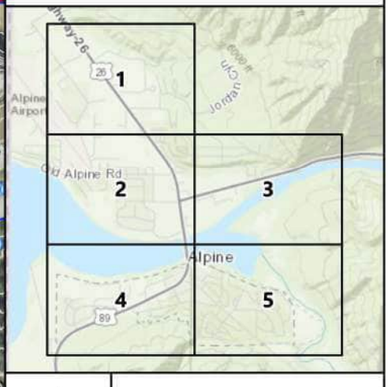
J186
Elev: 5755 ft
91 psi

250K
Elev: 5950 ft
6 psi

SNAKE RIVER
BUFFALO DR
ELK RUN
US-HWY-89
PARK CIR
MORNING STAR DR
RIVER CIR
TRAIL DR
STOOR DR
STOOR ST
PALISADES LN
RIVER VIEW DR
SNAKE RIVER DR
DEER LN
PALISADES RESERVOIR CO RD 101
CO RD 101
MATCH 5

Legend
- Fire Hydrants
- Water Meter
- Tanks
- Reservoirs

Pipes
Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

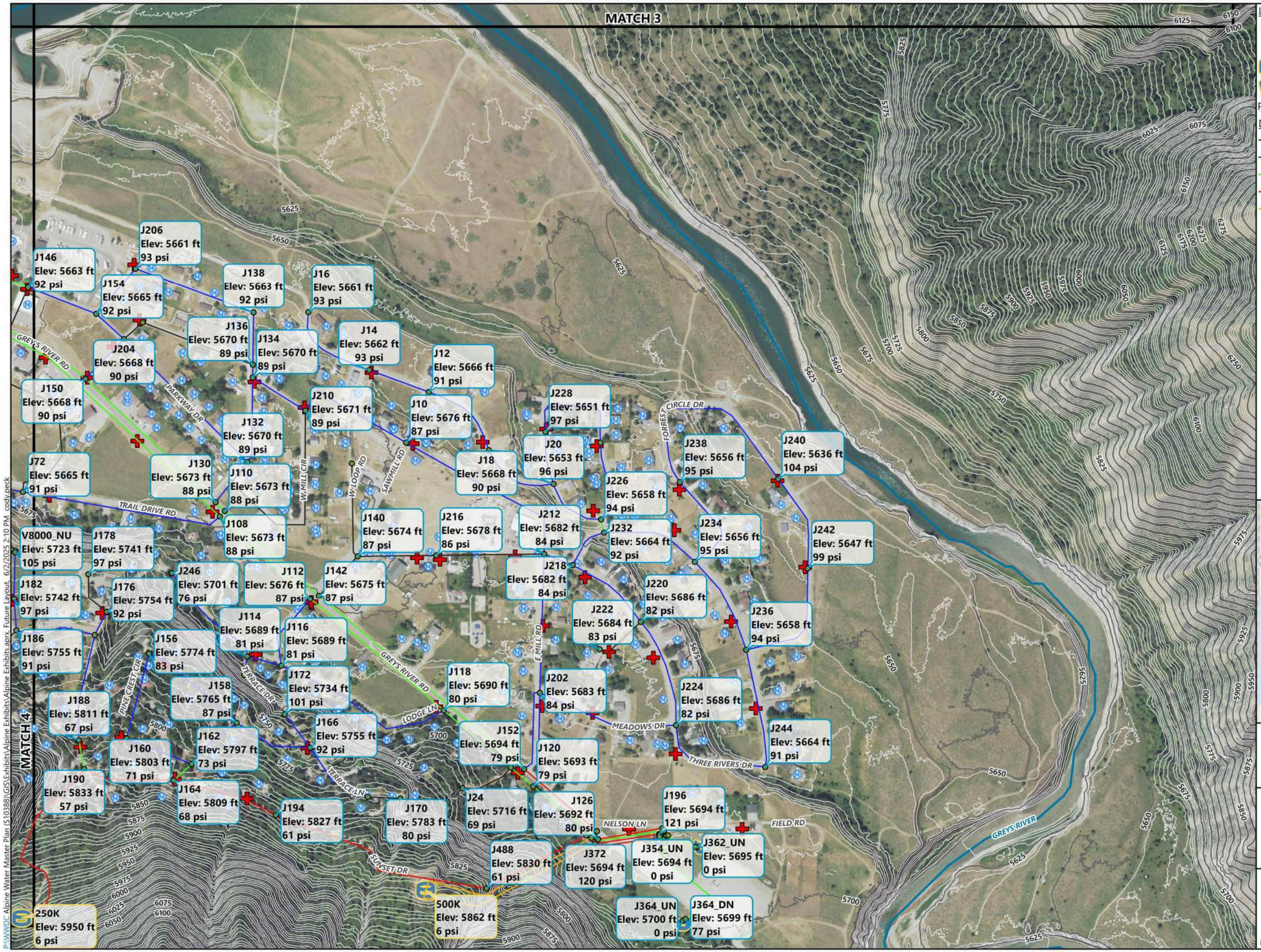
0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 4
Future System
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Future Layout, 6/2/2025 2:08 PM, cody.peck


MATCH 3
MATCH 4
J206 Elev: 5661 ft 93 psi
J146 Elev: 5663 ft 92 psi
J154 Elev: 5665 ft 92 psi
J138 Elev: 5663 ft 92 psi
J16 Elev: 5661 ft 93 psi
J136 Elev: 5670 ft 89 psi
J134 Elev: 5670 ft 89 psi
J14 Elev: 5662 ft 93 psi
J12 Elev: 5666 ft 91 psi
J204 Elev: 5668 ft 90 psi
J150 Elev: 5668 ft 90 psi
J210 Elev: 5671 ft 89 psi
J228 Elev: 5651 ft 97 psi
J10 Elev: 5676 ft 87 psi
J132 Elev: 5670 ft 89 psi
J72 Elev: 5665 ft 91 psi
J130 Elev: 5673 ft 88 psi
J110 Elev: 5673 ft 88 psi
J18 Elev: 5668 ft 90 psi
J20 Elev: 5653 ft 96 psi
J238 Elev: 5656 ft 95 psi
J240 Elev: 5636 ft 104 psi
J226 Elev: 5658 ft 94 psi
J108 Elev: 5673 ft 88 psi
J140 Elev: 5674 ft 87 psi
J216 Elev: 5678 ft 86 psi
J212 Elev: 5682 ft 84 psi
J232 Elev: 5664 ft 92 psi
J234 Elev: 5656 ft 95 psi
J242 Elev: 5647 ft 99 psi
V8000_NU Elev: 5723 ft 105 psi
J178 Elev: 5741 ft 97 psi
J246 Elev: 5701 ft 76 psi
J112 Elev: 5676 ft 87 psi
J142 Elev: 5675 ft 87 psi
J218 Elev: 5682 ft 84 psi
J220 Elev: 5686 ft 82 psi
J182 Elev: 5742 ft 97 psi
J176 Elev: 5754 ft 92 psi
J222 Elev: 5684 ft 83 psi
J236 Elev: 5658 ft 94 psi
J114 Elev: 5689 ft 81 psi
J116 Elev: 5689 ft 81 psi
J186 Elev: 5755 ft 91 psi
J156 Elev: 5774 ft 83 psi
J118 Elev: 5690 ft 80 psi
J172 Elev: 5734 ft 101 psi
J202 Elev: 5683 ft 84 psi
J224 Elev: 5686 ft 82 psi
J158 Elev: 5765 ft 87 psi
J188 Elev: 5811 ft 67 psi
J166 Elev: 5755 ft 92 psi
J244 Elev: 5664 ft 91 psi
J162 Elev: 5797 ft 73 psi
J160 Elev: 5803 ft 71 psi
J152 Elev: 5694 ft 79 psi
J120 Elev: 5693 ft 79 psi
J190 Elev: 5833 ft 57 psi
J164 Elev: 5809 ft 68 psi
J194 Elev: 5827 ft 61 psi
J170 Elev: 5783 ft 80 psi
J24 Elev: 5716 ft 69 psi
J126 Elev: 5692 ft 80 psi
J196 Elev: 5694 ft 121 psi
J488 Elev: 5830 ft 61 psi
J372 Elev: 5694 ft 120 psi
J354_UN Elev: 5694 ft 0 psi
J362_UN Elev: 5695 ft 0 psi
J364_UN Elev: 5700 ft 0 psi
J364_DN Elev: 5699 ft 77 psi
250K Elev: 5950 ft 6 psi
500K Elev: 5862 ft 6 psi
GREYS RIVER RD
PARKWAY DR
TRAIL DRIVE RD
W MILL CIR
W LOOP RD
SAWMILL RD
E MILL RD
PINE CREST CIR
TERRACE DR
TERRACE LN
LODGE LN
MEADOWS DR
THREE RIVERS DR
FORREST CIRCLE DR
NELSON LN
FIELD RD
SUNSET DR
GREYS RIVER
Legend
Fire Hydrants
Water Meter
Tanks
Reservoirs
Pipes
Diameter
4-Inch
6-Inch
8-Inch
10-Inch
12-Inch
Alpine
Old Alpine Rd
Alpine Airport
1
2
3
4
5
North
0 125 250 500
Feet
SCALE: 1" = 450'
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Figure 5
Future System
Alpine, Wyoming
Date: 6/2/2025
P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Future Layout, 6/2/2025 2:10 PM, cody.peck



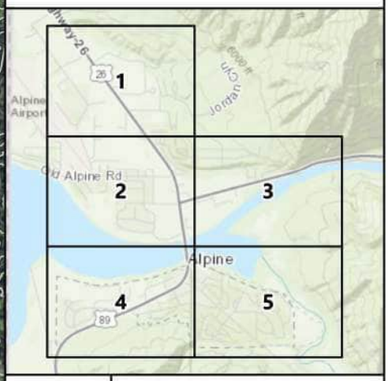
Legend

- Water_Hydrants
- Reservoir
- Tank

Pipe

Diameter

- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 1
Fire Flow Existing
Alpine, Wyoming

Date: 6/2/2025

P:\IWWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Fire Flow, 6/2/2025 2:17 PM, cody.peck

MATCH 1

MATCH 3

MATCH 4

J348 FF: 1625 gpm

J344 FF: 1615 gpm

N-J260 FF: 1606 gpm

J502 FF: 1693 gpm

N-J256 FF: 1803 gpm

N-J242 FF: 2429 gpm

N-J246 FF: 2129 gpm

N-J226 FF: 2543 gpm

N-J232 FF: 2440 gpm

N-J224 FF: 2586 gpm

N-J230 FF: 2580 gpm

J272 FF: 1784 gpm

N-J236 FF: 2156 gpm

N-J234 FF: 2270 gpm

N-J240 FF: 2599 gpm

N-J244 FF: 2617 gpm

J254 FF: 2627 gpm

N-J228 FF: 2702 gpm

N-J218 FF: 3094 gpm

N-J216 FF: 4109 gpm

N-J220 FF: 7128 gpm

N-J212 FF: 7148 gpm

J264 FF: 6402 gpm

J266 FF: 6022 gpm

J268 FF: 6728 gpm

N-J222 FF: 3604 gpm

N-J238 FF: 6317 gpm

J250 FF: 2539 gpm

J248 FF: 2398 gpm

J252 FF: 2507 gpm

J256 FF: 2424 gpm

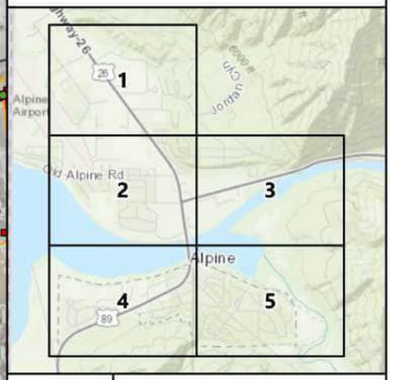
Legend

- Water_Hydrants
- Reservoir
- Tank

Pipe

Diameter

- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



0 125 250 500

Feet

SCALE: 1" = 450'

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www.sunrise-eng.com

Figure 2
Fire Flow Existing
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Fire Flow, 6/2/2025 2:21 PM, cody.peck

NSU
Elev: 5855 ft
9 psi

N-J214
FF:
7341 gpm

N-J208
FF: 7050
gpm

N-J202
FF: 7137
gpm

J264
FF:
6402 gpm

N-J198
FF: 5641
gpm

J262
FF:
4896 gpm

J200
FF:
4347 gpm

J274
FF:
4228 gpm

N-J204
FF: 3458
gpm

N-J206
FF: 4033
gpm

J192
FF: 0 gpm

N-J190
FF: 5422
gpm

N-J186
FF: 5622 gpm

N-J194
FF: 5037 gpm

N-J188
FF: 1872
gpm

N-J238
FF: 6317 gpm

J270
FF: 4835
gpm

N-J196
FF: 4985 gpm

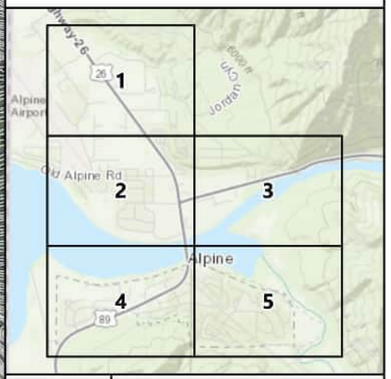
MATCH 2

MATCH 5

Legend
- Water_Hydrants
- Reservoir
- Tank

Pipe

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 3
Fire Flow Existing
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Fire Flow, 6/2/2025 2:22 PM, cody.peck

MATCH 2

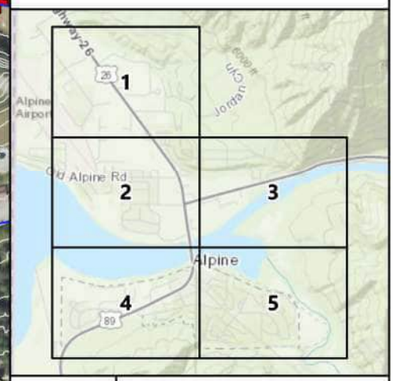
MATCH 5

J396 FF: 1307 gpm
J398 FF: 1399 gpm
J400 FF: 1605 gpm
J402 FF: 1767 gpm
J50 FF: 1796 gpm
J46 FF: 1866 gpm
J42 FF: 1818 gpm
J48 FF: 1910 gpm
J44 FF: 1936 gpm
J36 FF: 2026 gpm
J38 FF: 1835 gpm
J30 FF: 1876 gpm
J28 FF: 2162 gpm
J26 FF: 2268 gpm
J52 FF: 1931 gpm
J32 FF: 1886 gpm
J34 FF: 1634 gpm
J40 FF: 2046 gpm
J54 FF: 2033 gpm
J90 FF: 3027 gpm
J88 FF: 2947 gpm
J94 FF: 2594 gpm
J92 FF: 3167 gpm
J98 FF: 2922 gpm
J84 FF: 2684 gpm
J82 FF: 1892 gpm
J100 FF: 2577 gpm
J102 FF: 1213 gpm
J86 FF: 2358 gpm
J56 FF: 2826 gpm
J58 FF: 3208 gpm
J326 FF: 2519 gpm
J60 FF: 1536 gpm
J62 FF: 1564 gpm
J64 FF: 6738 gpm
J96 FF: 4866 gpm
J104 FF: 2631 gpm
J630 FF: 1508 gpm
J184 FF: 894 gpm
J186 FF: 1984 gpm
J144 FF: 6454 gpm
J146 FF: 5793 gpm
J106 FF: 4811 gpm
J148 FF: 5616 gpm
J70 FF: 3191 gpm
J74 FF: 3757 gpm
J80 FF: 2765 gpm
J68 FF: 3128 gpm
J72 FF: 3210 gpm
J182 FF: 1861 gpm
250K Elev: 5950 ft 6 psi

Legend
- Water_Hydrants
- Reservoir
- Tank

Pipe

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



N North

0 125 250 500
Feet
SCALE: 1" = 450'

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Figure 4
Fire Flow Existing
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Fire Flow, 6/2/2025 2:25 PM, cody.peck

MATCH 3

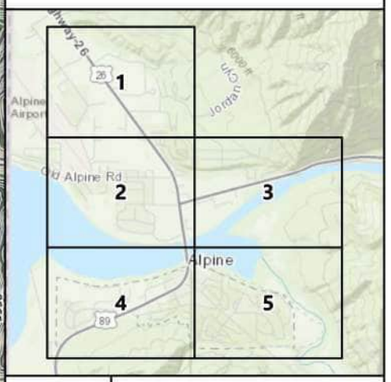
MATCH 4

J206 FF: 3568 gpm
J146 FF: 5793 gpm
J154 FF: 4808 gpm
J208 FF: 2215 gpm
J138 FF: 3464 gpm
J16 FF: 1569 gpm
J204 FF: 5014 gpm
J136 FF: 4082 gpm
J134 FF: 4285 gpm
J14 FF: 2083 gpm
J12 FF: 2929 gpm
J150 FF: 5641 gpm
J210 FF: 3658 gpm
J10 FF: 3290 gpm
J228 FF: 2746 gpm
J230 FF: 2668 gpm
J18 FF: 2737 gpm
J132 FF: 4736 gpm
J214 FF: 725 gpm
J20 FF: 3106 gpm
J238 FF: 2067 gpm
J240 FF: 2028 gpm
J128 FF: 5086 gpm
J72 FF: 3210 gpm
J130 FF: 6329 gpm
J110 FF: 6477 gpm
J226 FF: 3325 gpm
J108 FF: 6434 gpm
J140 FF: 1601 gpm
J216 FF: 1381 gpm
J212 FF: 3660 gpm
J232 FF: 3301 gpm
J234 FF: 2624 gpm
J242 FF: 2073 gpm
J628 FF: 1730 gpm
J178 FF: 1106 gpm
J246 FF: 1429 gpm
J218 FF: 3449 gpm
J112 FF: 5163 gpm
J142 FF: 5260 gpm
J220 FF: 2701 gpm
J182 FF: 1861 gpm
J176 FF: 2054 gpm
J222 FF: 981 gpm
J236 FF: 2500 gpm
J156 FF: 2265 gpm
J180 FF: 2210 gpm
J114 FF: 2358 gpm
J174 FF: 2004 gpm
J186 FF: 1984 gpm
J116 FF: 3122 gpm
J202 FF: 4749 gpm
J118 FF: 4907 gpm
J224 FF: 2985 gpm
J188 FF: 2978 gpm
J160 FF: 2167 gpm
J158 FF: 2536 gpm
J166 FF: 1859 gpm
J172 FF: 1758 gpm
J244 FF: 2517 gpm
J162 FF: 2825 gpm
J152 FF: 6351 gpm
J190 FF: 0 gpm
J24 FF: 915 gpm
J120 FF: 5977 gpm
J168 FF: 1345 gpm
J164 FF: 2902 gpm
J194 FF: 1878 gpm
J370 FF: 2481 gpm
J196 FF: 3541 gpm
Well1 Pump Elev: 5503 ft
J170 FF: 958 gpm
J374 FF: 0 gpm
Well2 Pump Elev: 5552 ft
500K Elev: 5862 ft 6 psi
J126 FF: 0 gpm
J372 FF: 2522 gpm
J488 FF: 1491 gpm
Well3 Pump Elev: 5494 ft
250K Elev: 5950 ft 6 psi

Legend
- Water_Hydrants
- Reservoir
- Tank

Pipe

Diameter
- 4-Inch
- 6-Inch
- 8-Inch
- 10-Inch
- 12-Inch



N

0 125 250 500
Feet
SCALE: 1" = 450'

SUNRISE ENGINEERING
770 S WASHINGTON STREET SUITE A
AFTON, WYOMING 83110
TEL 307.885.8500 · FAX 307.885.8501
www.sunrise-eng.com

Figure 5
Fire Flow Existing
Alpine, Wyoming

Date: 6/2/2025

P:\WWDC Alpine Water Master Plan (S10388)\GIS\Exhibits\Alpine Exhibits\Alpine Exhibits.aprx, Fire Flow, 6/2/2025 2:28 PM, cody.peck

SUNRISE ENGINEERING

Alpine Fire Hydrant Test

Location: South Alpine

Date: 5/5/2025

Purpose: Calibrate Model

Hydrant Condition: Good working order

Device Used:

USA Bluebook Stock Number 22484

Test is performed on the small outlet of hydrant

Theoretical Flow Calculations

Outlet Type	Smooth and Rounded	
Diameter of Outlet	2.5	Inches
Pitot Pressure	40	psi
Discharge Coefficient	0.9	
Theoretical Flow	**1061.22**	gpm

Available Flow at Theoretical Residual Pressure

Static Pressure	94	psi
Desired Residual (Typ. 20 psi)	20	psi
Recorded Residual During Test	68	psi
Theoretical Flow From Above	**1061.22**	gpm
Flow at Desired Residual	**1866.83**	gpm

Image with location of Flow and Residual Hydrant:



Methodology

Theoretical Fow Equation

c = Nozzle Coefficient

d = inside diameter of nozzle (in)

P = Pitot Pressure (psi)

Q = Discharge (gpm)

$$Q = 29.83cd^2\sqrt{P}$$

Available Flow at Theoretical Residual Pressure Equation

Q_r = Flow Available at Desired Residual Pressure (psi)

Q_h = Flow Available at Desired Residual Pressure (psi)

h_r = Pressure drop to Desired Residual Pressure

h_f = Pressure Drop During Test

$$Q_R = Q_F * \left(\frac{h_r^{0.54}}{h_f^{0.54}}\right)$$

Discharge Coefficients

Smooth and Rounded	0.9
Outlet Square and Sharp	0.8
Outlet Square and Projecting into barrel	0.7

SUNRISE ENGINEERING

Alpine Fire Hydrant Test

Location: Alpine South Upper Pressure Zone

Date: 5/5/2025

Purpose: Calibrate Model

Hydrant Condition: Good Working Order

Device Used:

USA Bluebook Stock Number 22484

Test is performed on the small outlet of hydrant

Theoretical Flow Calculations

Outlet Type	Smooth and Rounded	
Diameter of Outlet	2.5	Inches
Pitot Pressure	40	psi
Discharge Coefficient	0.9	
Theoretical Flow	**1061.22**	gpm

Available Flow at Theoretical Residual Pressure

Static Pressure	98	psi
Desired Residual (Typ. 20 psi)	20	psi
Recorded Residual During Test	70	psi
Theoretical Flow From Above	**1061.22**	gpm
Flow at Desired Residual	**1845.32**	gpm

Image with location of Flow and Residual Hydrant:



Methodology

Theoretical Fow Equation

c = Nozzle Coefficient

d = inside diameter of nozzle (in)

P = Pitot Pressure (psi)

Q = Discharge (gpm)

$$Q = 29.83cd^2\sqrt{P}$$

Available Flow at Theoretical Residual Pressure Equation

Q_r = Flow Available at Desired Residual Pressure (psi)

Q_h = Flow Available at Desired Residual Pressure (psi)

h_r = Pressure drop to Desired Residual Pressure

h_f = Pressure Drop During Test

$$Q_R = Q_F * \left(\frac{h_r^{0.54}}{h_f^{0.54}}\right)$$

Discharge Coefficients

Smooth and Rounded	0.9
Outlet Square and Sharp	0.8
Outlet Square and Projecting into barrel	0.7

SUNRISE ENGINEERING

Alpine Fire Hydrant Test

Location: North Alpine

Date: 5/5/2025

Purpose: Calibrate Model

Hydrant Condition: Did not fully close

Device Used:

USA Bluebook Stock Number 22484

Test is performed on the small outlet of hydrant

Theoretical Flow Calculations

Outlet Type	Smooth and Rounded	
Diameter of Outlet	2.5	Inches
Pitot Pressure	52	psi
Discharge Coefficient	0.9	
Theoretical Flow	1209.98	gpm

Available Flow at Theoretical Residual Pressure

Static Pressure	98	psi
Desired Residual (Typ. 20 psi)	20	psi
Recorded Residual During Test	56	psi
Theoretical Flow From Above	1209.98	gpm
Flow at Desired Residual	1690.26	gpm

Notes:

Observed that hydrant tested for flow did not fully close after test. Observed that hydrant was a Clow 305097 dated 2020.

Image with location of Flow and Residual Hydrant:



Methodology

Theoretical Fow Equation

c = Nozzle Coefficient

d = inside diameter of nozzle (in)

P = Pitot Pressure (psi)

Q = Discharge (gpm)

$$Q = 29.83cd^2\sqrt{P}$$

Available Flow at Theoretical Residual Pressure Equation

Q_r = Flow Available at Desired Residual Pressure (psi)

Q_h = Flow Available at Desired Residual Pressure (psi)

h_r = Pressure drop to Desired Residual Pressure

h_f = Pressure Drop During Test

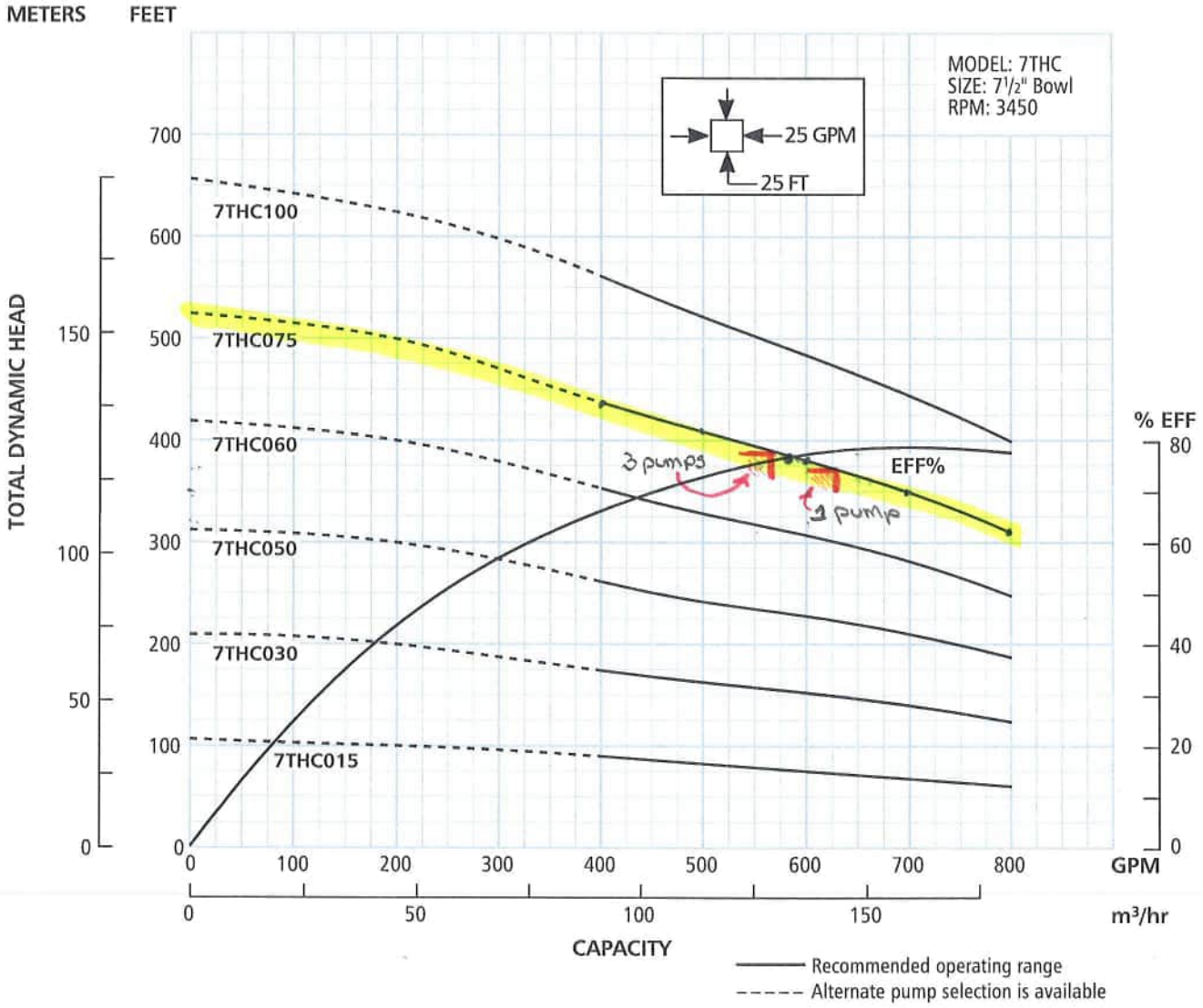
$$Q_R = Q_F * \left(\frac{h_r^{0.54}}{h_f^{0.54}}\right)$$

Discharge Coefficients

Smooth and Rounded	0.9
Outlet Square and Sharp	0.8
Outlet Square and Projecting into barrel	0.7

Model 7THC 700 GPM

GOULDS



DIMENSIONS AND WEIGHTS

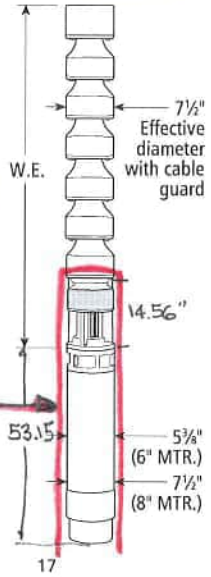
HP	Stages	W.E. Order Number	W.E. Length	W.E. Wt. (lbs.)
15	1	07THC01566BTS	23.6	78
30	2	07THC03066BTS	30.7	109
50	3	07THC05066BTS	37.8	140
60	4	07THC06066BTS	44.7	171
75	5	07THC07586BTS	53.6	214
100	6	07THC10086BTS	60.7	245

(All dimensions in inches and weights in lbs. Do not use for construction purposes.)

PLEASE NOTE:
- Order motors separately.
- For intermediate horsepower pumps consult factory.
- Solid line is recommended operating range. The dotted line (– – – –) signifies an alternate pump selection is available.
- Please specify all options changes in W.E. order number.

9" PVC SLEEVE x 70 1/2 (9.375" O.D.) (9.0" I.D) (5'10")

6" NPT DISCHARGE CONNECTION

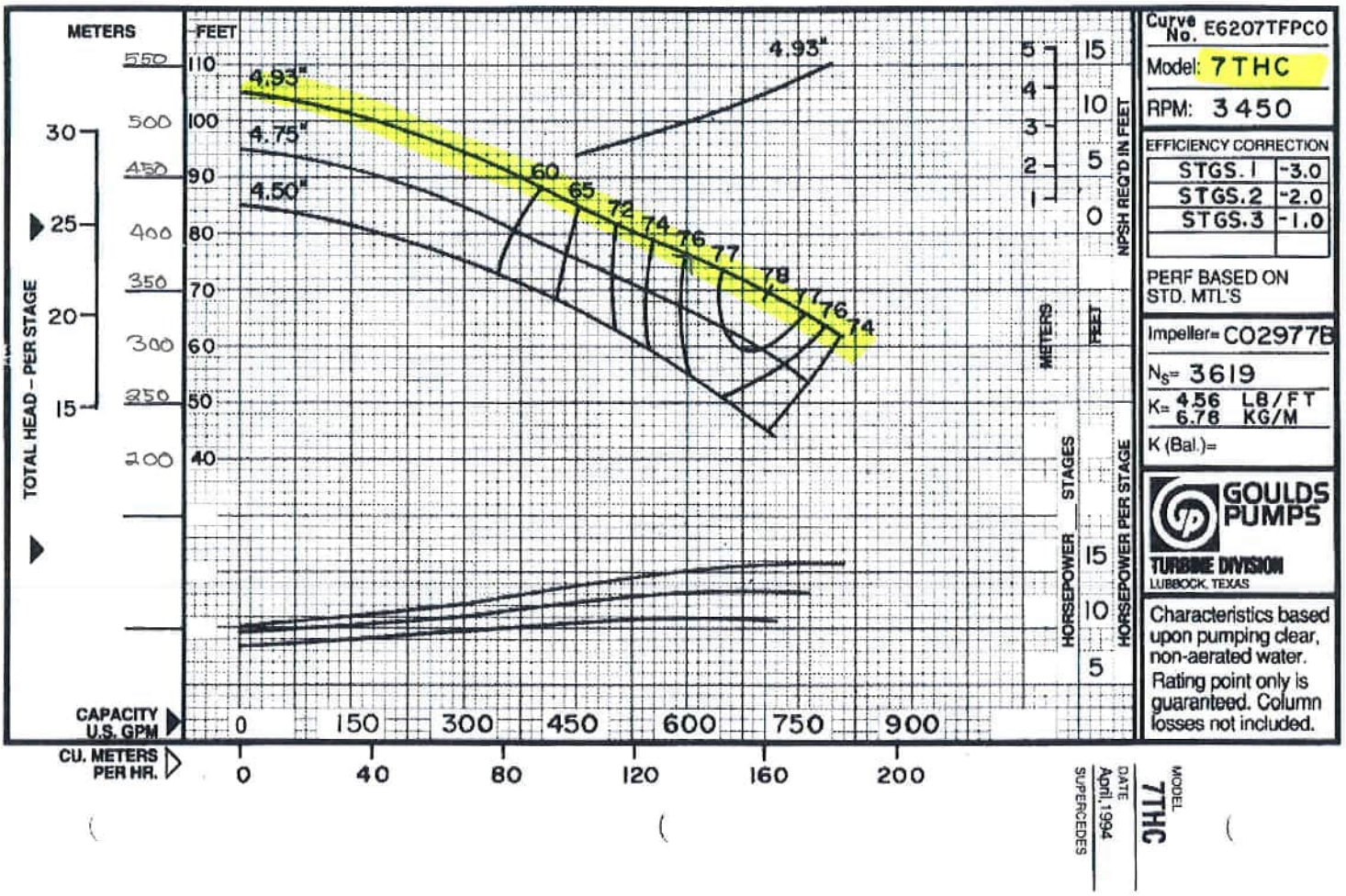


MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 TYPE 416
Coupling	ASTM A582 S41600 CD
Suction Adapter	Ductile Iron ASTM A536
Discharge Bowl	ASTM A48 CL 30B
Rubber Bearings	RUBBER
Optional Bronze Bearings	ASTM B584
Discharge Bowl Bearing	ASTM B584
Taperlocks	ASTM A108 GR 101B
Bowl	ASTM A48 CL 30B
Upthrust Collar	Polyethylene
Impeller	ASTM B584
Fasteners	SAEJ429 GR 8
Cable Guard	ASTM A240 S 30400
Suction Strainer	ASTM A240 S 30400

5-STAGE

4.93" Impeller 1 5 STAGE



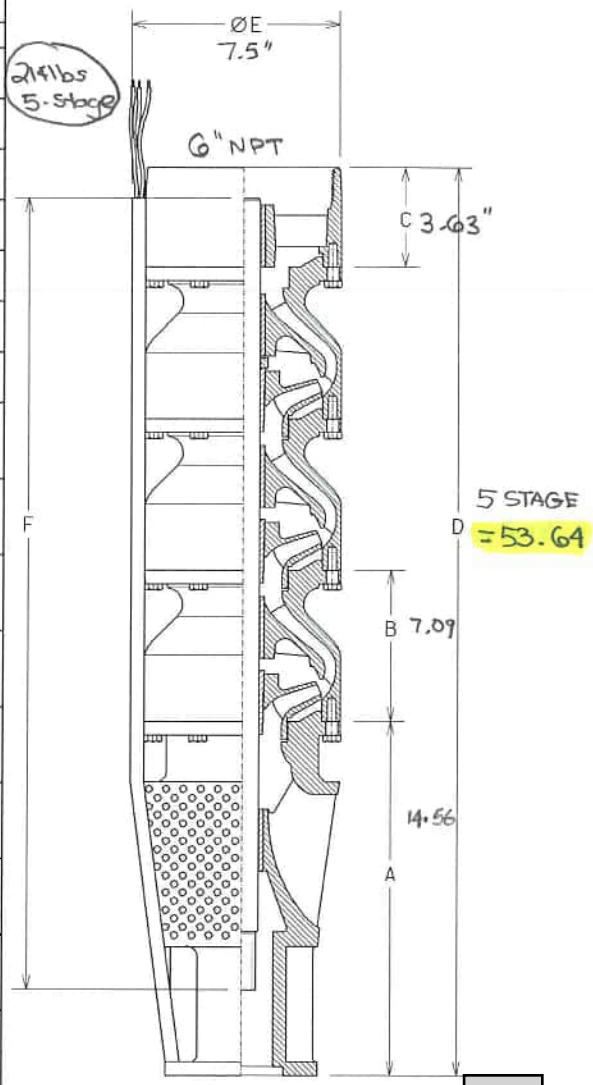
GOULDS WATER TECHNOLOGY
a xylem brand

Submersible Turbine Pumps Data

200.D.01 *(Effective April, 2013)*

MODEL	Motor Size	"A"	"B"	"C"	One Stage "D"	"E"	One Stage Shaft Length	Disch. Sizes	First Stage Weight	Add'l Stage Weight
5C	4	8.25	4.63	3.31	16.19	5.64	12.88	3,4	44	13
	6	10.56			18.50		13.63		49	
5T	4	8.25	4.81		16.38		13.06		44	
	6	10.56			18.69		13.81		49	
5RWA	4	8.38	4.00		15.69		13.25		44	
	6	10.56			17.88		13.75		49	
6C	4	8.44	5.13	3.75	17.31	6.28	13.63	3,4,5	50	17
	6	10.56			19.44		14.25		55	
	8	12.50			21.38		15.38		60	
6DH	4	4.94	5.50		14.19	5.88	10.63		41	16
	6	9.75			19.00		13.75		53	
6RA	6	10.56	3.75		18.06	5.94	12.88	3,4	90	20
7C	6	12.88	6.38	3.63	22.88	7.50	18.50	5,6	75	28
	8	14.56			24.56		19.25		87	
7RA	6	8.44	4.50		16.56	7.90	11.50	3,4	105	28
7T	6	12.88	7.09		23.59	7.50	19.06	5,6	78	31
7THC	8	14.56			25.28		19.94		90	
7WA	6	12.88	5.50		22.00		17.75		68	30
	8	14.56			23.69		18.50		80	
8FD	6	12.88	8.25		24.75	7.90	20.50		125	34
	8	14.56			26.43		21.37		137	
8I	6	12.88	6.38		22.88		18.13		90	33
	8	14.56			24.56		18.88		102	
8RA	6	12.88	5.00		21.50		17.25	4,5,6	165	36
	8	14.56			23.19		18.13		177	
8RJ	6	12.88	6.50		23.00		17.50	5,6	90	34
	8	14.56			24.69		18.88		102	
9RA	6	12.88	5.50		22.00		17.50	4,5,6	185	46
	8	14.56			23.69		18.50		197	
9RC	6	15.13	8.50	4.50	28.13	9.81	24.25	5,6,8	194	64
	8	13.25			26.25		21.50		206	
	10	13.25			26.25		20.50		206	
9T	6	15.13	9.25		28.88		25.00		200	70
	8	13.25			27.00		22.25		212	
	10	13.25			27.00		21.25		212	
9WA	6	15.13	6.63		26.25		22.38		158	58
	8	13.25			24.38		19.63		170	
	10	13.25			24.38		18.63		170	
10DH	8	13.25	9.25		27.00	10.00	22.00	6,8	185	65
	10	13.25			27.00		22.00		190	
	12	13.25			27.00		21.00		190	
10RA	6	15.13	6.63		26.25		22.38	4,6,8	280	76
	8	13.25			24.38		19.63		285	
	10	13.25			24.38		18.63		285	
10RJ	6	15.13	8.40		28.03		23.38	6,8	187	60
	8	13.25			26.15		20.75		192	
	10	13.25			26.15		19.75		192	
10WA	6	15.13	7.63		27.25		23.38	4,6,8	183	56
	8	13.25			25.38		20.63		188	
	10	13.25			25.38		19.63		188	
11C	8	13.25	9.88	5.13	28.25	11.50	23.75	6,8,10	285	97
	10	13.25			28.25		23.75			
	12	13.25			28.25		22.75			
11RA	6	14.44	8.00	5.88	28.31	12.10	24.25		415	103
	8	13.25			27.13		22.25			
	10	13.25			27.13		21.25			

All dimensions are in inches and weights in lbs.



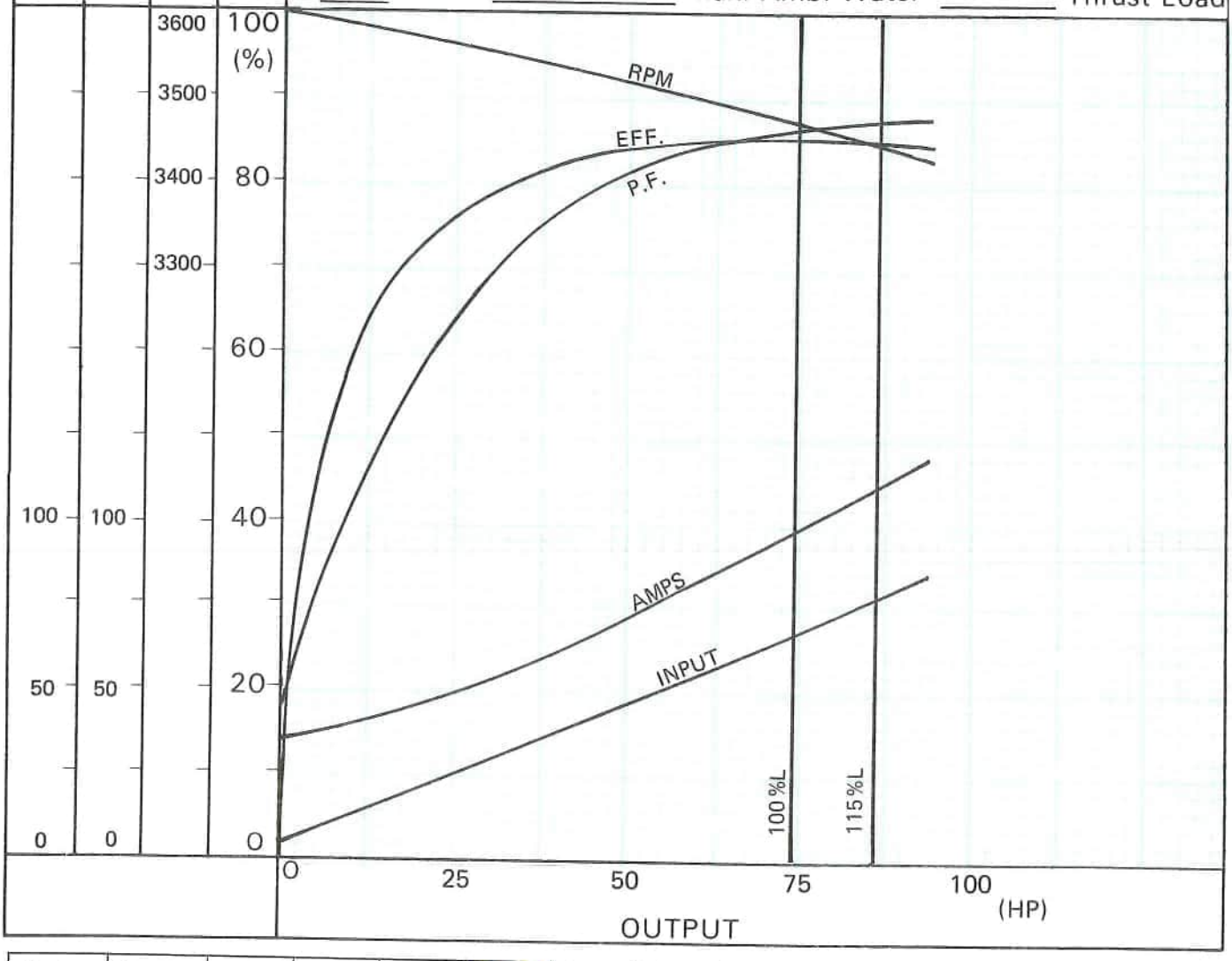
HITACHI

8″ SUBMERSIBLE MOTOR PERFORMANCE CHARACTERISTICS

Date : 9/1/91
Supersedes : 12/1/82

75 HP
3600 RPM

WATER TIGHT Type 75 HP 3600 RPM
3 Phase 460 Volt 60 Cycle
1.15 S.F. 25°C (77°F) Max. Amb. Water 10000 lbs Thrust Load



LOAD (HP)	No load (—)	25% (18.75)	50% (37.5)	75% (56.25)	100% (75)	115% (86.25)	125% (93.75)
AMPS	37.2	44.7	58.5	76.1	96.3	110	119
EFF.	0	71.0	81.2	84.2	84.9	84.6	84.3
P.F.	18.5	55.3	73.9	82.2	85.9	87.0	87.4
RPM	3600	3571	3540	3506	3468	3443	3426
* WATTS	5480	19700	34450	49840	65900	76100	82960

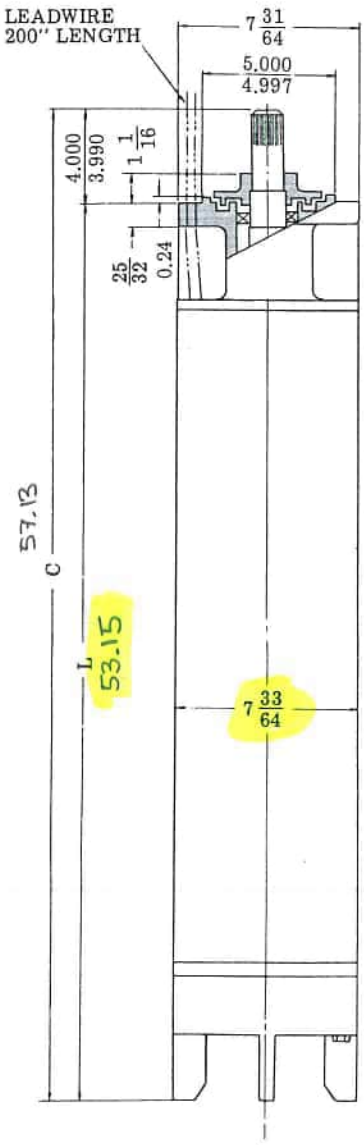
Full Load Torque 114 Foot Pounds
Break Down Torque 337 Foot Pounds
Locked Rotor Torque 226 Foot Pounds
Locked Rotor Current 650 Amperes
KVA Code H

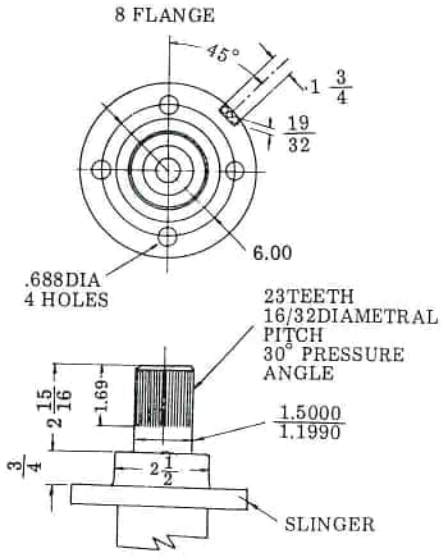
* Additional input watts due to thrust load — see page C5.
Quick trip O.L. + short circuit protection required in each phase.

Power factor correction capacitor — see page C7.

2 POLE HITACHI SUBMERSIBLE MOTORS

8″ MOTOR
8″ FLANGE

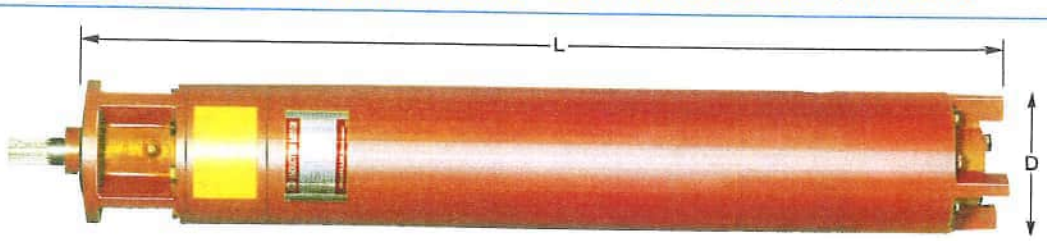




Dimensions in inches

HP	PHASE	VOLT	Hz	THRUST (LBS)	C	L
40	3	460	60	10000	48.07	44.09
50	3	460	60	10000	50.44	46.44
60	3	460	60	10000	53.19	49.19
75	3	460	60	10000	57.13	53.15
100	3	460	60	10000	62.24	58.27
125	3	460	60	10000	62.24	58.27
150	3	460	60	10000	70.12	66.14

Size and Weight 2POLE 3600 r/min 60Hz. 3000 r/min 50Hz. and 4POLE 1800 r/min 60Hz.



2POLE

Motor Size	OUTPUT HP	OUTPUT kW	D inch (mm)	L inch	L mm	*Net Weight lbs	*Net Weight kg
8"	40	30	7.52 (191)	44.09 (42.91)	1120 (1090)	331 (320)	150 (145)
	50	37		46.44 (45.28)	1180 (1150)	353 (342)	160 (155)
	60	45		49.19 (48.03)	1250 (1220)	375 (364)	170 (165)
	75	55		53.15	1350	397	180
	100	75		58.27	1480	441	200
	125	90		58.27	1480	450	204
	150	110		66.14	1680	518	235
10"	175	132	8.52 (216.5)	63.78	1620	728	330
	200	150		69.68	1770	816	370
	250	185		79.53	2020	970	440
12"	300	225	10.53 (267.5)	78.75	2000	1477	670

( )6 inch Flange *Gross Weight: See page 15.

4POLE

Motor Size	OUTPUT HP	OUTPUT kW	D inch (mm)	L inch	L mm	*Net Weight lbs	*Net Weight kg
8"	7.5	5.5	7.52 (191)	37.40 (36.22)	950 (920)	287 (276)	130 (125)
	10	7.5		37.40 (36.22)	950 (920)	293 (282)	133 (128)
	15	11		41.34 (40.16)	1050 (1020)	326 (315)	148 (143)
	20	15		41.34 (40.16)	1050 (1020)	333 (322)	151 (146)
	25	18.5		44.09 (42.91)	1120 (1090)	355 (344)	161 (156)
	30	22		44.09 (42.91)	1120 (1090)	362 (351)	164 (159)
10"	40	30	8.52 (216.5)	49.21	1250	496	225
	50	37		49.21	1250	507	230
	60	45		59.84	1520	573	260
	75	55		59.84	1520	584	265
	100	75		69.68	1770	728	330
	125	90		69.68	1770	743	337
12"	150	110	10.53 (267.5)	56.30	1430	882	400
	175	132		61.02	1550	992	450
	200	150		68.11	1730	1146	520
14"	250	185	12.60 (320.0)	68.31	1735	1720	780
	300	225		76.18	1935	1962	890

( ) 6 inch Flange *Gross Weight: See page 15.

Cable Size and Type

2POLE 200 inch (5m) Lead Wire Standard Length (Round 1 Stranded Conductor)

Motor Size	OUTPUT HP	OUTPUT kW	460V 415V 400V 380V Lead Wire Size mm²	Lead Wire Size AWG	Cable Dia inch	Cable Dia mm
8"	40–75	30–55	8	#8	0.362	9.2
	100–125	75–90	14	#6	0.433	11.0
	150	110	22	#4	0.531	13.5
10"	175–250	132–185	30	#2	0.591	15.0
12"	300	225	60	#2/0	0.768	19.5

TYPE OF LEAD WIRE – 600V CLASS
Ethylenepropylene rubber insulated chloroprene cabtyre cable.

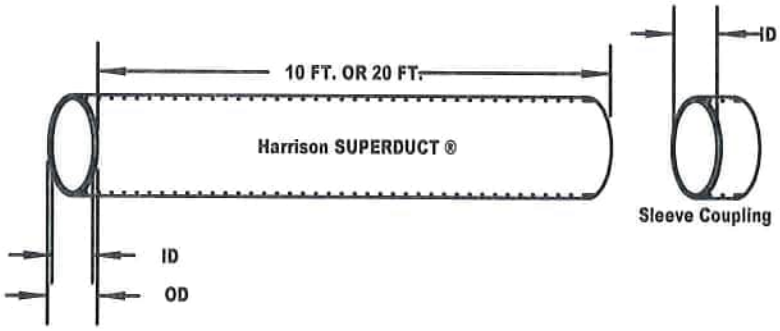
4POLE 200 inch (5m) Lead Wire Standard Length (Round 1 Stranded Conductor)

Motor Size	OUTPUT HP	OUTPUT kW	460V Lead Wire Size mm²	Lead Wire Size AWG	Cable Dia inch	Cable Dia mm
8"	7.5–30	5.5–22	8	#8	0.362	9.2
10"	40–50	30–37	8	#8	0.362	9.2
	60–75	45–55	14	#6	0.433	11.0
	100–125	75–90	30	#2	0.591	15.0
12"	150–200	110–150	30	#2	0.591	15.0
14"	250–300	185–200	60	#2/0	0.768	19.5

PVC DUCT F
ASTM D1784

COMMERCIAL INDUSTRIAL SUPPLY

Get a Quote or Place an Order: **866-777-8001**
Commercial-Industrial-Supply.com



SUPERDUCT® Pipe						
Part No.	Size	(O.D.)	(I.D.)	Wall	Wt/Ft.	Standard Length
	Extruded					
1033-PP-02	2"	2.375"	2.047"	0.154"	0.720	10 ft. or 20 ft.
1033-PP-03	3"	3.500"	3.042"	0.216"	1.488	10 ft. or 20 ft.
1033-PP-04	4"	4.500"	3.998"	0.237"	2.118	10 ft. or 20 ft.
1033-PP-05	5"	5.563"	5.016"	0.258"	2.874	10 ft. or 20 ft.
1033-PP-06	6"	6.625"	6.250"	0.187"	2.340	10 ft. or 20 ft.
1033-PP-07	7"	7.375"	7.000"	0.187"	2.534	10 ft. or 20 ft.
1033-PP-08	8"	8.625"	8.250"	0.187"	3.060	10 ft. or 20 ft.
1033-PP-09	9"	9.375"	9.000"	0.187"	3.239	10 ft. or 20 ft.
1033-PP-10	10"	10.750"	10.380"	0.187"	3.830	10 ft. or 20 ft.
1033-PP-11	11"	11.375"	11.000"	0.187"	3.944	10 ft. or 20 ft.
1033-PP-12	12"	12.750"	12.380"	0.187"	4.560	10 ft. or 20 ft.
1033-PP-14	14"	14.000"	13.630"	0.187"	5.010	10 ft. or 20 ft.
1033-PP-16	16"	16.000"	15.630"	0.187"	5.740	10 ft. or 20 ft.
1033-PP-18	18"	18.000"	17.630"	0.187"	6.460	10 ft. or 20 ft.
1033-PP-20	20"	20.000"	19.500"	0.219"	9.580	10 ft. or 20 ft.
1033-PP-24	24"	24.000"	23.500"	0.250"	11.520	10 ft. or 20 ft.
	Rolled					
1033-PP-22	22"	22.000"	21.626"	0.187"	8.550	4 ft. w/ Coupling
1033-PP-26	26"	26.000"	25.626"	0.187"	10.070	4 ft. w/ Coupling
1033-PP-28	28"	28.000"	27.626"	0.187"	10.850	4 ft. w/ Coupling
1033-PP-30	30"	30.000"	29.626"	0.187"	11.640	4 ft. w/ Coupling
Duct diameter thru 60" available. Contact factory for details.						

3

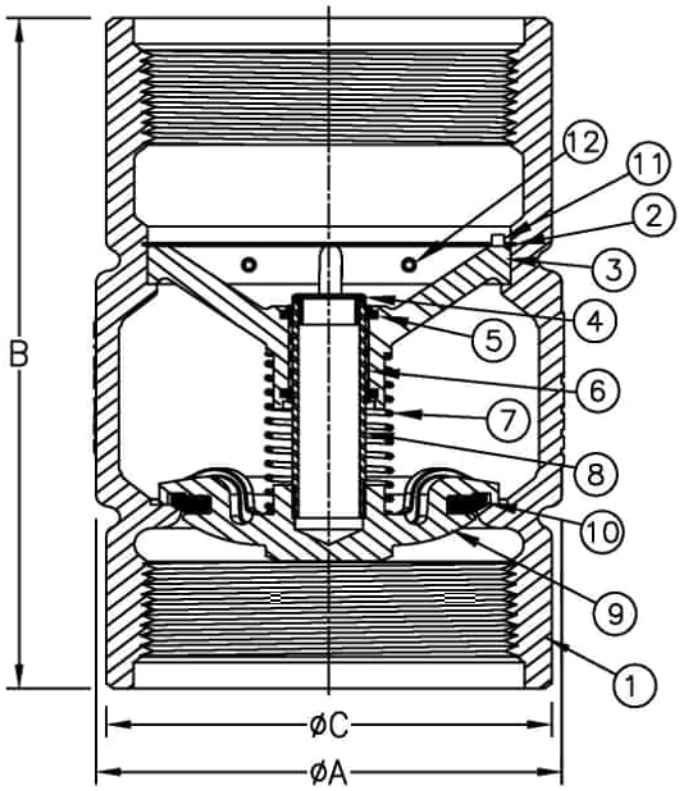
Ductile Iron Check Valve — Model 80DI-VFD

Sizes 6" thru 10" / 150 mm Thru 250 mm

Flomatic Corporation

LEAD FREE
NSF/ANSI 61

Materials







Max Temp 180°F (82°C)
Max Pressure 600psi (42bar)

Item #	Qty	Description	Material	ASTM
1	1	Body (Epoxy Coated)	Ductile Iron	65-45-12
2	1	Retaining Ring	Stainless Steel	302
3	1	Stem Guide	Ductile Iron	65-45-12
4	1	Stem Cap (Epoxy Coated)	Engineered Composite	Polyethelyne
5	2	Wiper	Engineered Composite	Molythane
6	1	Bushing	Engineered Composite	-------
7	1	Spring	Stainless Steel	302
8	1	Stem	Stainless Steel	316
9	1	Disc	Buna-N	N-5007*
10	1	Poppet (Epoxy Coated)	Ductile Iron	65-45-12
11	1	SHCS	Stainless Steel	316
12	4	SHSS	Stainless Steel	316

*6" uses N-6010, 8" uses N-7039
Patent # 9,032,992

Dimensions (FNPT x FNPT)

ANSI B1.20.1
Optional Female 8 Round Threads
API Specification 5B
Line Pipe Threads are not API certified

Size		Part #	ØA		B		ØC		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	lbs	kg
6	150	4089VFD	8	203	15-6/64	385	7-21/32	194	58	26
8	200	4090VFD	9-11/16	246	15-27/32	402	9-11/16	246	84	38
10	250	4091VFD	12-1/8	308	17-1/2	435	17-1/2	435	142	65

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FLOMATIC® VALVES

April 4, 2018
Dwg No: S4091VFD Rev: 0

FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9
FAX (518) 761-979

Pump Data Sheet -

Company:
Name:
Date: 06/05/2021

Customer:

4.75 inch impeller

GOULDS WATER TECHNOLOGY a xylem brand

Pump:

Size:	7THC (stages: 5)	Dimensions:	
Type:	Submersible	Suction:	---
Synch Speed:	3600 rpm	Discharge:	---
Dia:	4.75 in	Vertical Turbine:	
Curve:	E6207TFPC2	Eye Area:	
		Bowl Size:	7.13 in
		Max Lateral:	0.38 in
		Thrust K Factor:	4.56 lb/ft

Search Criteria:

Flow:	596 US gpm	Near Miss:	---
Head:	361 ft	Static Head:	0 ft

Pump Selection Warnings:

None

Fluid:

Name:	Water		
SG:	1	Vapor Pressure:	0.256 psi a
Density:	62.4 lb/ft³	Atm Pressure:	14.7 psi a
Viscosity:	1.1 cP		
Temperature:	60 °F	Margin Ratio:	1

Pump Limits:

Temperature:	---	Sphere Size:	0.63 in
Wkg Pressure:	---		

Motor:

Standard:	NEMA	Size:	75 hp
Enclosure:	SUB	Speed:	3600 rpm
Frame:	8 inch		
Sizing Criteria:	Max Power on Design Curve		

--- Duty Point ---

Flow:	603 US gpm
Head:	370 ft
Eff:	78.6%
Power:	71.6 hp
NPSHr:	16.3 ft
Speed:	3468 rpm

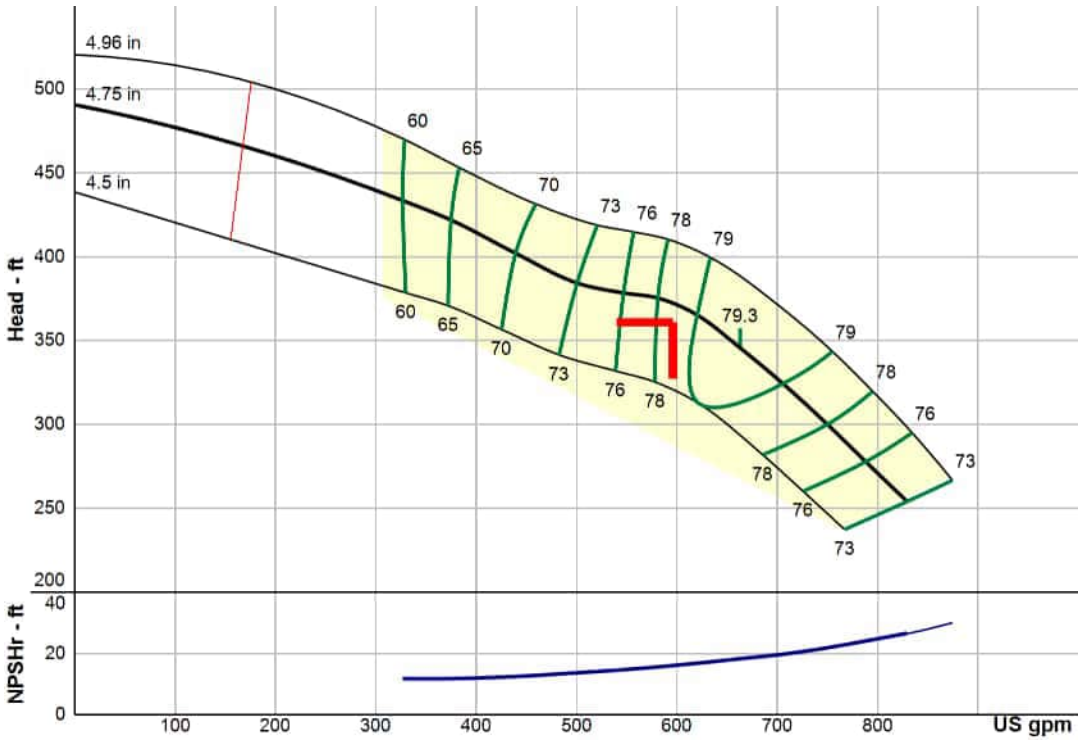
--- Design Curve ---

Shutoff Head:	491 ft
Shutoff dP:	212 psi
Min Flow:	166 US gpm

BEP: 79.3% @ 663 US gpm
NOL Power:
73.2 hp @ 706 US gpm

--- Max Curve ---

Max Power:
82.9 hp @ 755 US gpm



Performance Evaluation:

Flow	Speed	Head	Efficiency	Power	NPSHr
US gpm	rpm	ft	%	hp	ft
715	3468	319	78.8	73.1	20.2
596	3468	372	78.4	71.3	16.1
477	3468	391	71.8	65.5	13.2
358	3468	426	63.2	60.8	11.8
238	3468	449	50.8	56.3	11.8

SUNRISE ENGINEERING

Prepared By: CWP
Checked By:
Date: 6/2/2025

Meter Calculations

Summary:
This shows the meter calculations for the North Star (North side of bridge) and Alpine South (South side of the bridge). It was needed to have separate calcualtions as the meter data is recorded differently for each side of the system.

Meter Demand Calculations

Demand Summary

Recorded Meters

Alpine South	
Residential	504
Commercial	4
Institutional	0
Total	508
North Star	
Residential	113
Commercial	17
Institutional	0
Total	130
Total Meters	638
Unused Meters	36
	602

Usage Year to Year

	Alpine South	North Star	Combined	Gal/Con/Year	Gal/Day/Con
2019	68,181,808		68,181,808	113,259	310
2020	63,146,271	14,064,864	77,211,135	128,258	351
2021	64,932,231	17,345,356	82,277,587	136,674	374
2022	69,759,207	14,810,688	84,569,894	140,482	385
2023	72,203,034	13,733,400	85,936,434	142,752	391
2024	66,107,698	19,853,519	85,961,217	142,793	391
Average	67,388,375	15,961,565	80,689,679	134,036	367

Abbriviations

Con	Connections
Gal	*Gallons*
HR	*Hour*

1	Input
2	Output
3	Calculation

Estimated Average Calcualtaion for Month to Month for Whole System Based on North Star

North Star

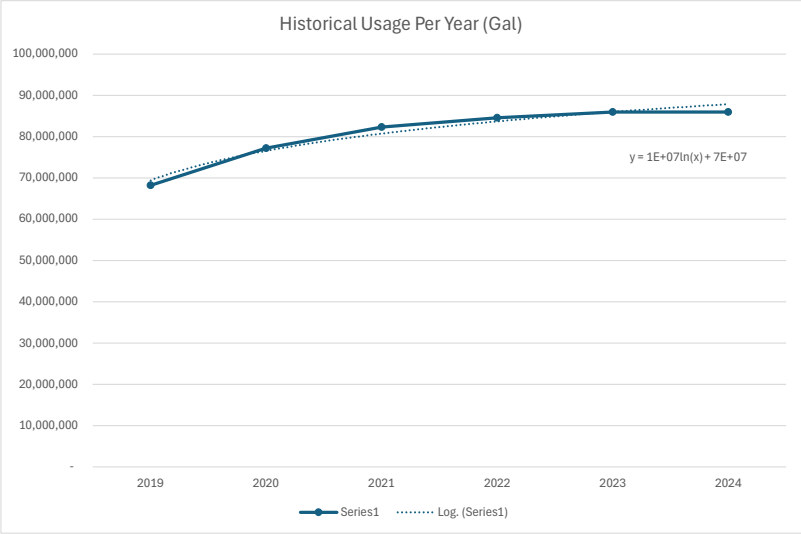
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5-Year Avg. (Gal)	586,293	500,518	955,094	1,027,652	1,949,067	2,566,763	2,966,963	1,957,921	1,221,385	929,398	665,045	635,466	**15,961,565**
Usage % Based on Total Usage	3.67%	3.14%	5.98%	6.44%	12.21%	16.08%	18.59%	12.27%	7.65%	5.82%	4.17%	3.98%	

Alpine South

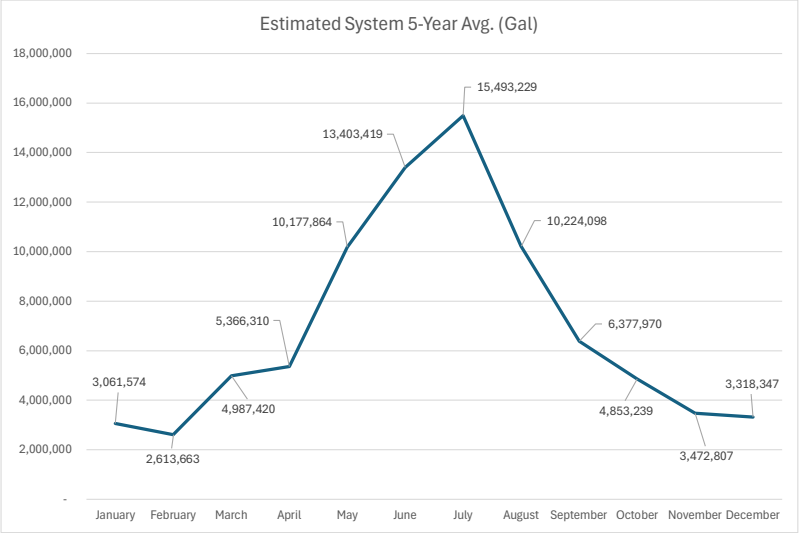
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Monthly Usage (Gal)	2,475,281	2,113,145	4,032,326	4,338,658	8,228,796	10,836,656	12,526,266	8,266,177	5,156,585	3,923,841	2,807,762	2,682,881	**67,388,375**

Combined System Estimated 5-Year Average Month-to-Month

	January	February	March	April	May	June	July	August	September	October	November	December
5-Year Avg. (Gal)	**3,061,574**	**2,613,663**	**4,987,420**	**5,366,310**	**10,177,864**	**13,403,419**	**15,493,229**	**10,224,098**	**6,377,970**	**4,853,239**	**3,472,807**	**3,318,347**



This graph suggests that the trend of water usage is on the rise.



This graph shows the estimated system water consumption over the past 5 years. With the peak being in July at 15,493,229 gallons in a month.

Calculations

Model calculations are shown below. These calculations are used in the model to reflect the actual system demands.

Used the year with most water usage 2024 to determine the following:

ADD	235,510	Gal/Day	
MDD	942,040.73	Gal/Day	$MDD = 4 * ADD$
MHD	58,877.55	Gal/HR	$MHD = 6 * ADD$

Per Connection Calculations:

ADD	391.21	Gal/Day/Connection
MDD	1,564.85	Gal/Day/Connection
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ADD	**Total annual water use divided by the number of days the system was operating**
MDD	**Demand of water exerted on the system over a period of 24 consecutive hours, for the period during which such demand is greatest**
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Alpine South

Alpine Sounth consists of everything south of the Snake River. This area did not have month to month data only year to year which is shown below.

Recorded Meters	
Residential	504
Commercial	4
Institutional	0
	508

Year to Year Water Usage (Gallons)

Year	2019	2020	2021	2022	2023	2024
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Commercial	675,448	945,897	1,161,528	1,662,897	432,195	2,553,697
Total	68,181,808	63,146,271	64,932,231	69,759,207	72,203,034	66,107,698
	11,162	10,284	10,544	11,259	11,867	10,508

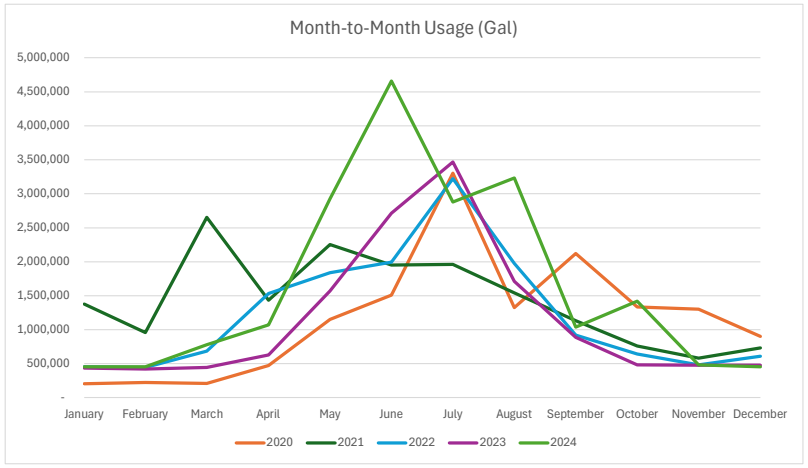
North Star

North Star consists of everything Norht of the Snake River. This area measures water usage month to month except during the winter month where an average was used in these calculations. Year 2021 and 2020 where not used in these calcualations as there where many abnormal reading

Recorded Meters	
Residential	113
Commercial	17
Institutional	0
	130

Month to Month Water Usage (Gallons)

	January	February	March	April	May	June	July	August	September	October	November	December
2020	203,432	223,743	211,703	472,946	1,152,270	1,509,270	3,302,000	1,327,000	2,122,390	1,337,110	1,302,500	900,500
2021	1,378,000	960,000	2,653,150	1,432,110	2,252,500	1,954,000	1,962,000	1,541,000	1,135,000	762,500	581,000	734,096
2022	457,454	442,170	685,180	1,532,455	1,840,679	1,996,064	3,222,674	1,977,518	920,155	643,569	482,088	610,682
2023	438,531	421,628	447,013	629,139	1,572,745	2,716,715	3,467,749	1,710,325	890,205	484,000	478,300	477,050
2024	454,050	455,050	778,424	1,071,608	2,927,142	4,657,766	2,880,392	3,233,763	1,039,177	1,419,813	481,335	455,000
2025	199,000											
Average Month Usage	387,259	439,616	636,872	1,077,734	2,113,522	3,123,515	3,190,272	2,307,202	949,846	849,127	480,574	514,244
Jsage per Connection per mont	2,979	3,382	4,899	8,290	16,258	24,027	24,541	17,748	7,307	6,532	3,697	3,956
Days in a Month	31	28	31	30	31	30	31	31	30	31	30	31
Usage per day per connection	96.09	120.77	158.03	276.34	524.45	800.90	791.63	572.51	243.55	210.70	123.22	127.60
Per minute per connection	0.07	0.08	0.11	0.19	0.36	0.56	0.55	0.40	0.17	0.15	0.09	0.09



SUNRISE ENGINEERING

Prepared By: CWP
Checked By:
Date: 6/2/2025

Meter Calculations

Summary:
This shows the meter calculations for the North Star (North side of bridge) and Alpine South (South side of the bridge). It was needed to have separate calcualtions as the meter data is recorded differently for each side of the system.

Meter Demand Calculations

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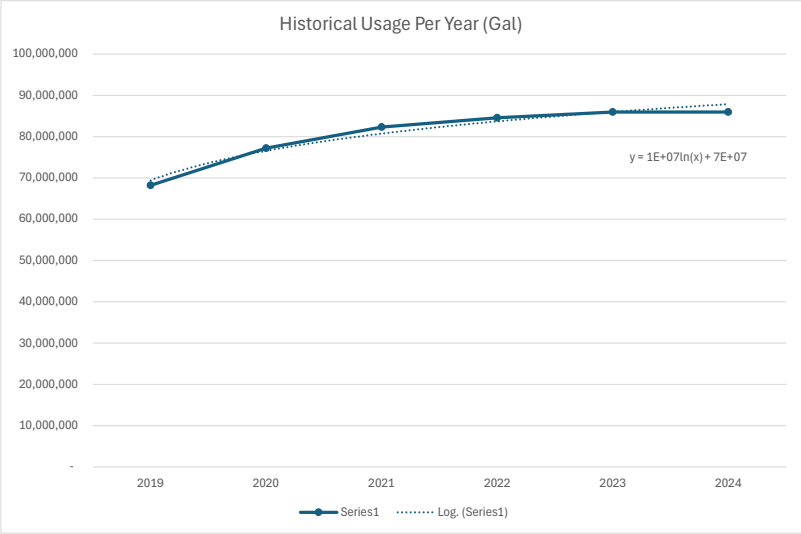
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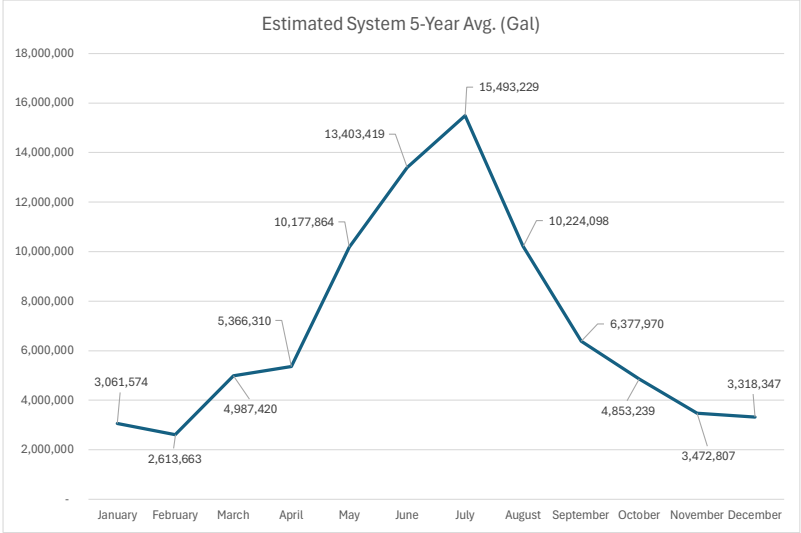
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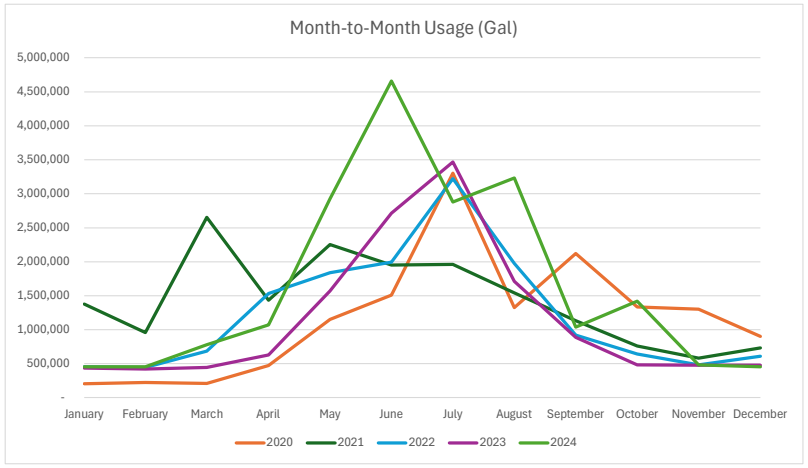
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Days in a Month	31	28	31	30	31	30	31	31	30	31	30	31
Usage per day per connection	96.09	120.77	158.03	276.34	524.45	800.90	791.63	572.51	243.55	210.70	123.22	127.60
Per minute per connection	0.07	0.08	0.11	0.19	0.36	0.56	0.55	0.40	0.17	0.15	0.09	0.09



SUNRISE ENGINEERING

Prepared By: CWP
Checked By:
Date: 6/2/2025

Model Input Summary

Summary:
These are a summary of the model inputs for the existing and future model.

Model Inputs

Demand Existing

Recorded Meters

Alpine South	
Residential	504
Commercial	4
Institutional	0
Total	508

North Star	
Residential	113
Commercial	17
Institutional	0
Total	130

Total Meters	638

Meter Calculated Demand (Not Used)

Demand	Value	Unit	
ADD	235,510	Gal/Day	
MDD	942,041	Gal/Day	4xADD
MHD	58,878	Gal/HR	6XADD

Pump Runtime Usage

Demand	Value	Unit	
ADD	759,000	Gal/Day	
MDD	1,800,000	Gal/Day	2.372ADD
MHD	126,500	Gal/HR	4xADD

						Per Connection Calculation (gpm/Connection)		
			ADD	MDD	MHD	ADD	MDD	MHD
Residential	617	97%	227,758	911,033	56,940	0.26	1.03	1.54
Commercial	21	3%	7,752	31,008	1,938	0.26	1.03	1.54
Institutional	0	0%	-	-	-	-	-	-
Industiral	0	0%	-	-	-	-	-	-
Total	638							

						Per Connection Calculation (gpm/Connection)		
			ADD	MDD	MHD	ADD	MDD	MHD
Residential	617	97%	734,017	1,740,752	122,336	0.83	1.96	3.30
Commercial	21	3%	24,983	59,248	4,164	0.83	1.96	3.30
Institutional	0	0%	-	-	-	-	-	-
Industiral	0	0%	-	-	-	-	-	-
Total	638							

Demand Future

Recorded Meters

Alpine South	
Residential	663
Commercial	5
Institutional	0
Total	668

North Star	
Residential	123
Commercial	17
Institutional	0
Total	140

Total Meters	808

Pump Runtime Usage Future

Demand	Value	Unit	
ADD	973,000	Gal/Day	
MDD	2,308,000	Gal/Day	2.372xADD
MHD	162,200	Gal/HR	

						Per Connection Calculation (gpm/Connection)		
			ADD	MDD	MHD	ADD	MDD	MHD
Residential	786	97%	946,507	2,245,158	157,784	0.84	1.98	3.35
Commercial	22	3%	26,493	62,842	4,416	0.84	1.98	3.35
Institutional	0	0%	-	-	-	-	-	-
Industiral	0	0%	-	-	-	-	-	-

Tanks

Survey Data for Tanks

	Lower 500k Tank per CRDs	Lower 500k Tank per survey	NSU Tank per survey
Top of Roof =	5,872	5878.69	5878.7
Overflow =	5,870	5,877	5875.86
Floor =	5,855	5,862	5854.86

Existing Tanks

Tank	Diameter (ft)	Floor Elevation (ft)	Initial Level (ft)	Max Level (ft)	Mixing Model
North Star	60	5,855	21	22	Lifo
250K	53.75	5,950	14.0	15.0	Lifo
500K	77	5,862	14.0	15.0	Lifo

Future Tank

Tank	Diameter (ft)	Floor Elevation (ft)	Initial Level (ft)	Max Level (ft)	Mixing Model
N500K	77	5,862	14	15	Lifo

Pumps

Well Input Data and Modeling Criteria

Wells	Ground Elevation (ft)	Pump Set Depth (ft)	Pump Elevation (ft)	HP	Current Flow (gpm)	Future Flow (gpm)	Controlling Tank	Turn On @ Tank Level (ft)	Turn Off @ Tank Level (ft)
Well1	5695	192	5503	75	455	700	500K	13	14
Well2	5696	143.5	5552.5	75	445	700	500K	12.5	14
Well3	5700	206.5	5493.5	75	361	650	500K	12	14
Flying Saddle Well	Not used	Not used	Not used	Not used	Not used	Not used	Not used	Not used	Not used
Flying Saddle Well	Not used	Not used	Not used	Not used	Not used	Not used	Not used	Not used	Not used
Excel Development Well #1	Not used	Not used	Not used	100	Not used	1200	NSU	14	21

Model Input Pump Controls

LINK Well1 OPEN IF NODE 500K BELOW 13
LINK Well1 CLOSED IF NODE 500K ABOVE 14
LINK Well2 OPEN IF NODE 500K BELOW 12.5
LINK Well2 CLOSED IF NODE 500K ABOVE 14
LINK Well3 OPEN IF NODE 500K BELOW 12
LINK Well3 CLOSED IF NODE 500K ABOVE 14
LINK Booster OPEN IF NODE 250K BELOW 11.5
LINK Booster CLOSED IF NODE 250K BELOW 13

Booster Pump Input Data and Modeling Criteria

Booster Pump	Ground Elevation (ft)	Pump Elevation (ft)	HP	Current Flow (gpm)	Future Flow (gpm)	Controlling Tank	Turn On @ Tank Level (ft)	Turn Off @ Tank Level (ft)
Booster	5694	5694	15	350	450	500K	11.5	13

Well Control

Wells	Turn On @ Tank Level (ft)	Turn Off @ Tank Level (ft)
Well1	13	14
Well2	12.5	14
Well3	12	14
Megawell	14	21

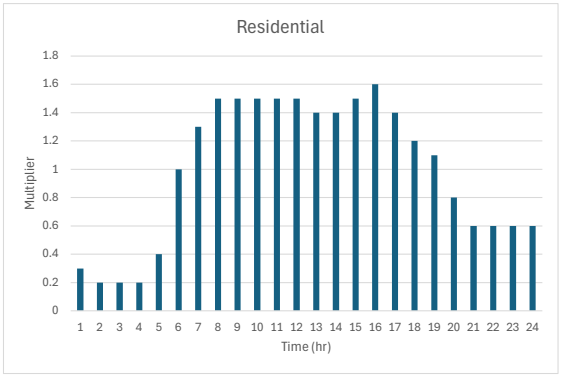
Hydrant ID	Location	Static Model Pr	Model Flow (gp	Static Actual Pr	Actual Flow (gpm)
J52	Riverview Dr	96	1931	94	1867
J346	Refuge	99	1626	98	1690
J630	Grand View Dr.	107	1508	98	1845

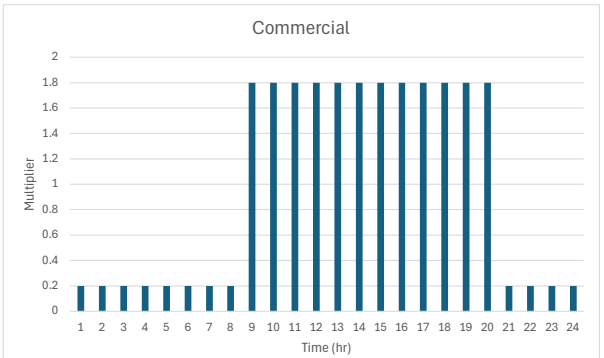
Patterns

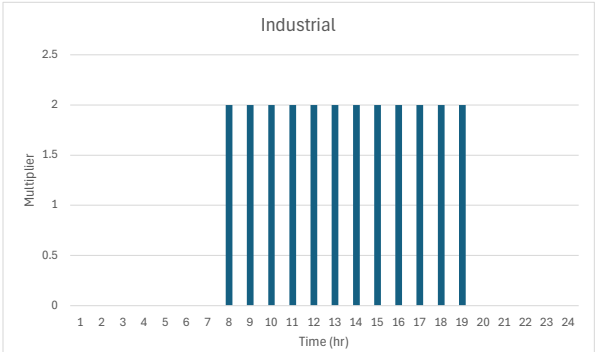
Residential	
Time (hr)	Multiplier
1	0.3
2	0.2
3	0.2
4	0.2
5	0.4
6	1
7	1.3
8	1.5
9	1.5
10	1.5
11	1.5
12	1.5
13	1.4
14	1.4
15	1.5
16	1.6
17	1.4
18	1.2
19	1.1
20	0.8
21	0.6
22	0.6
23	0.6
24	0.6

Commercial	
Time (hr)	Multiplier
1	0.2
2	0.2
3	0.2
4	0.2
5	0.2
6	0.2
7	0.2
8	0.2
9	1.8
10	1.8
11	1.8
12	1.8
13	1.8
14	1.8
15	1.8
16	1.8
17	1.8
18	1.8
19	1.8
20	1.8
21	0.2
22	0.2
23	0.2
24	0.2

Industrial	
Time (hr)	Multiplier
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	2
9	2
10	2
11	2
12	2
13	2
14	2
15	2
16	2
17	2
18	2
19	2
20	0
21	0
22	0
23	0
24	0







SUNRISE ENGINEERING

Prepared By: CWP
Checked By:
Date: 6/2/2025

Existing Network Summary

Summary:
These are the combined calculation, inouts and results from the models.

Model Inputs for Existing System

Pipes

	Existing	
4	8,485	ft
6	53,875	ft
8	42,459	ft
10	2,035	ft
12	11,644	ft
Total	118,499	ft
	22.44	Miles

Hydrants and Hydrant Valves

Existing	56

Water Control Vales

Existing	112

GIS Data

Control Valves

OBJECTID	OBJECTID	OBJECTID
2	58	114
3	59	115
4	60	116
5	61	117
6	62	118
7	63	119
8	64	120
9	65	121
10	66	122
11	67	123
12	68	124
13	69	125
14	70	126
15	71	127
16	72	128
17	73	129
18	74	130
19	75	131
20	76	132
21	77	133
22	78	134
23	79	135
24	80	136
25	81	137
26	82	138
27	83	139
28	84	140
29	85	141
30	86	142
31	87	143
32	88	144
33	89	145
34	90	146
35	91	147
36	92	148
37	93	149
38	94	150
39	95	151
40	96	152
41	97	153
42	98	154
43	99	155
44	100	156
45	101	157
46	102	158
47	103	159
48	104	160
49	105	161
50	106	162
51	107	163
52	108	164
53	109	165
54	110	166
55	111	
56	112	
57	113	

Fire Hydrants

FID	FID	FID
0	56	112
1	57	113
2	58	114
3	59	115
4	60	116
5	61	117
6	62	118
7	63	119
8	64	120
9	65	121
10	66	122
11	67	123
12	68	124
13	69	125
14	70	126
15	71	
16	72	
17	73	
18	74	
19	75	
20	76	
21	77	
22	78	
23	79	
24	80	
25	81	
26	82	
27	83	
28	84	
29	85	
30	86	
31	87	
32	88	
33	89	
34	90	
35	91	
36	92	
37	93	
38	94	
39	95	
40	96	
41	97	
42	98	
43	99	
44	100	
45	101	
46	102	
47	103	
48	104	
49	105	
50	106	
51	107	
52	108	
53	109	
54	110	
55	111	

Existing Model MDD Outputs

Junction Output

AssetID	Elevation	BaseDemand	FireflowDmd	AvailableFireflow	FireResPressure	MaxFFlow	Head	Pressure	MinDemand	MaxDemand	AvgDemand	MinHead	MaxHead	AvgHead	MinPressure	MaxPressure	AvgPressure	MinQuality	MaxQuality	AvgQuality
J10	5676	23	1000	3288	78	1421	5874	86	5	37	23	5847	5874	5862	74	86	81	0	6	5
J100	5660	7	1000	2574	79	942	5874	93	1	11	7	5841	5874	5860	78	93	86	0	7	5
J102	5661	2	1000	1212	41	274	5874	92	0	3	2	5841	5874	5860	78	92	86	0	10	6
J104	5660	13	1000	2628	79	994	5874	93	3	22	13	5841	5874	5860	78	93	87	0	6	5
J106	5665	6	1000	4809	86	1581	5874	91	1	10	6	5843	5874	5861	77	91	85	0	6	5
J108	5673	16	1000	6433	84	1974	5874	87	3	25	16	5845	5874	5862	75	87	82	0	6	4
J110	5673	0	1000	6479	84	2126	5874	87	0	0	0	5845	5874	5862	75	87	82	0	6	4
J112	5676	6	1000	5166	82	1978	5874	86	1	10	6	5848	5874	5863	75	86	81	0	5	4
J114	5689	5	1000	2357	67	619	5874	81	1	8	5	5848	5874	5863	69	81	76	0	6	5
J116	5689	13	1000	3121	72	1013	5874	80	3	21	13	5848	5874	5863	69	80	75	0	6	4
J118	5690	11	1000	4908	76	1952	5874	80	2	17	11	5850	5874	5864	69	80	75	0	5	4
J12	5666	7	1000	2926	80	979	5874	90	1	11	7	5847	5874	5862	78	90	85	0	8	5
J120	5693	4	1000	5980	76	1940	5874	79	1	7	4	5853	5874	5865	69	79	75	0	5	4
J126	5692	0	0	0	0	0	5876	80	0	0	0	5875	5902	5896	79	91	88	0	2	0
J128	5670	13	1000	5084	84	1025	5874	89	3	21	13	5845	5874	5862	76	89	83	0	6	5
J130	5673	4	1000	6327	84	1819	5874	87	1	6	4	5845	5874	5862	75	87	82	0	6	4
J132	5670	24	1000	4733	84	1243	5874	88	5	39	24	5845	5874	5862	76	88	83	0	6	5
J134	5670	10	1000	4284	83	1643	5874	88	2	16	10	5845	5874	5862	76	88	83	0	7	5
J136	5670	6	1000	4083	83	1003	5874	89	1	9	6	5845	5874	5862	76	89	83	0	8	5
J138	5663	8	1000	3464	83	1013	5874	92	2	13	8	5844	5874	5862	79	92	86	0	9	5
J14	5662	2	1000	2082	73	617	5874	92	0	4	2	5847	5874	5862	80	92	87	0	9	6
J140	5674	12	1000	1600	58	413	5874	87	2	20	12	5848	5874	5863	75	87	82	0	7	5
J142	5675	6	1000	5260	82	2051	5874	86	1	9	6	5848	5874	5863	75	86	81	0	5	4
J144	5663	5	1000	6450	88	2666	5874	91	1	10	5	5843	5874	5861	78	91	86	0	10	5
J146	5663	4	1000	5788	88	1593	5874	91	1	7	4	5843	5874	5861	78	91	86	0	9	6
J148	5667	3	1000	5612	86	2219	5874	90	1	6	3	5843	5874	5862	76	90	84	0	9	5
J150	5668	5	1000	5640	86	2464	5874	90	1	9	5	5844	5874	5862	76	90	84	0	8	5
J152	5694	7	1000	6356	76	1850	5875	78	1	11	7	5854	5875	5865	70	78	74	0	5	4
J154	5665	1	1000	4806	86	1439	5874	91	0	2	1	5844	5874	5862	78	91	85	0	9	6
J156	5774	10	1000	2256	70	1109	5967	83	2	16	10	5965	5967	5966	83	84	83	0	7	5
J158	5765	10	1000	2528	76	889	5967	87	2	15	10	5965	5967	5966	86	87	87	0	6	5
J16	5661	4	1000	1568	60	621	5874	93	1	6	4	5847	5874	5862	81	93	87	0	12	8
J160	5803	7	1000	2158	60	919	5967	71	1	12	7	5965	5967	5966	70	71	71	0	6	5
J162	5797	5	1000	2812	67	1095	5967	73	1	8	5	5965	5967	5966	73	74	73	0	5	4
J164	5809	8	1000	2890	63	1484	5967	68	2	12	8	5965	5967	5966	68	68	68	0	5	4
J166	5755	8	1000	1853	70	613	5967	92	2	13	8	5965	5967	5966	91	92	91	0	7	5
J168	5788	8	1000	1342	44	615	5967	77	2	13	8	5965	5967	5966	76	77	77	0	8	6
J170	5783	6	1000	956	14	276	5967	80	1	9	5	5965	5967	5966	79	80	79	0	8	6
J172	5734	2	1000	1753	73	613	5967	101	0	4	2	5965	5967	5966	100	101	100	0	10	7
J174	5703	0	1000	2002	59	617	5874	74	0	0	0	5848	5874	5863	63	74	69	0	24	12
J176	5754	3	1000	2049	74	624	5966	92	1	5	3	5964	5966	5965	91	92	92	0	6	5
J178	5741	4	1000	1105	33	275	5966	97	1	7	4	5964	5966	5965	97	98	97	0	7	6
J18	5668	6	1000	2736	78	1218	5874	89	1	10	6	5847	5874	5862	78	89	84	0	7	5
J180	5765	4	1000	2204	72	777	5966	87	1	6	4	5964	5966	5965	87	87	87	0	6	5
J182	5742	6	1000	1858	73	623	5966	97	1	9	6	5964	5966	5965	96	97	97	0	7	5
J184	5734	8	1000	893	1	274	5966	101	2	12	8	5964	5966	5965	100	101	100	0	8	6
J186	5755	9	1000	1980	72	848	5966	91	2	15	9	5964	5966	5965	91	91	91	0	6	5
J188	5811	10	1000	2967	62	1092	5966	67	2	17	10	5965	5966	5965	66	67	67	0	6	5
J190	5833	5	0	0	0	0	5966	57	1	7	5	5965	5966	5965	57	58	57	0	5	4
J192	5669	0	0	0	0	0	5875	89	0	0	0	5842	5875	5862	75	89	84	0	20	10
J194	5827	4	1000	1860	50	1047	5972	63	1	7	4	5970	5972	5971	62	63	62	0	5	4
J196	5694	0	1000	3525	103	1622	6002	133	0	0	0	5995	6002	5998	130	133	132	0	5	4
J20	5653	5	1000	3105	86	1294	5874	96	1	8	5	5847	5874	5863	84	96	91	0	6	5
J200	5662	12	1000	4338	87	1545	5875	92	2	19	12	5842	5875	5861	78	92	86	0	24	12
J202	5683	13	1000	4750	79	1555	5874	83	3	21	13	5852	5874	5864	73	83	79	0	5	4
J204	5668	14	1000	5011	85	1588	5874	90	3	22	14	5844	5874	5862	76	90	84	0	8	5
J206	5661	10	1000	3566	85	973	5874	93	2	16	10	5844	5874	5862	79	93	87	0	11	6
J208	5667	3	1000	2213	73	395	5874	90	1	5	3	5844	5874	5862	77	90	84	0	11	6
J210	5671	22	1000	3654	81	1155	5874	88	4	35	22	5845	5874	5862	76	88	83	0	8	5
J212	5682	12	1000	3659	76	1705	5874	83	2	19	12	5848	5874	5863	72	83	78	0	5	4
J214	5673	6	1000	724	-35	275	5874	87	1	9	6	5848	5874	5863	76	87	82	0	8	5
J216	5678	9	1000	1379	49	522	5874	85	2	15	9	5848	5874	5863	74	85	80	0	12	5
J218	5682	7	1000	3448	76	1146	5874	83	1	12	7	5848	5874	5863	72	83	78	0	6	5
J22	5693	1	1000	5461	75	1578	5874	79	0	2	1	5852	5874	5864	69	79	74	0	5	4
J220	5686	12	1000	2698	71	1134	5874	82	2	19	12	5848	5874	5863	70	82	77	0	6	5

J222	5684	4	1000	980	17	274	5874	83	1	6	4	5848	5874	5863	71	83	78	0	6	5
J224	5686	13	1000	2984	72	1294	5874	82	3	20	13	5849	5874	5863	70	82	77	0	5	4
J226	5658	6	1000	3324	85	1146	5874	94	1	9	6	5848	5874	5863	82	94	89	0	6	5
J228	5651	10	1000	2745	84	981	5874	97	2	15	10	5848	5874	5863	85	97	92	0	8	5
J230	5654	13	1000	2668	82	1035	5874	96	3	21	13	5848	5874	5863	84	96	90	0	6	5
J232	5664	4	1000	3301	82	1131	5874	91	1	7	4	5848	5874	5863	80	91	86	0	6	5
J234	5656	16	1000	2623	81	996	5874	95	3	26	16	5848	5874	5863	83	95	90	0	7	5
J236	5658	16	1000	2500	79	1126	5874	94	3	25	16	5848	5874	5863	82	94	89	0	6	5
J238	5656	12	1000	2066	74	909	5874	95	2	20	12	5848	5874	5863	83	95	89	0	10	7
J24	5716	1	1000	914	11	274	5874	69	0	2	1	5852	5874	5864	59	69	64	0	8	6
J240	5636	6	1000	2026	80	1053	5874	103	1	9	6	5848	5874	5863	92	103	98	0	8	6
J242	5647	3	1000	2073	77	958	5874	99	1	5	3	5848	5874	5863	87	99	94	0	7	5
J244	5664	11	1000	2516	77	1027	5874	91	2	18	11	5848	5874	5863	80	91	86	0	6	5
J246	5701	6	1000	1428	46	626	5874	75	1	9	6	5848	5874	5863	64	75	70	0	9	6
J248	5653	9	1000	2394	80	1059	5874	96	2	14	9	5840	5874	5860	81	96	90	0	18	10
J250	5649	12	1000	2535	83	1059	5874	98	2	19	12	5840	5874	5860	83	98	92	0	21	12
J252	5654	8	1000	2505	81	1059	5874	95	2	13	8	5840	5874	5860	81	95	89	0	18	9
J254	5656	4	1000	2624	81	1056	5874	95	1	6	4	5840	5874	5860	80	95	89	0	17	8
J256	5649	6	1000	2420	81	1058	5874	98	1	10	6	5840	5874	5860	83	98	91	0	22	11
J258	5652	1	1500	1535	23	1393	5874	96	0	2	1	5840	5874	5860	82	96	90	0	24	12
J26	5655	8	1000	2266	77	1050	5874	95	2	13	8	5839	5874	5859	80	95	88	0	9	6
J260	5651	10	1500	1646	32	1494	5874	97	2	16	10	5840	5874	5860	82	97	91	0	24	12
J262	5662	0	1000	4886	88	1555	5875	92	0	0	0	5842	5875	5861	78	92	86	0	24	12
J264	5661	0	1000	6394	90	1573	5875	92	0	0	0	5842	5875	5861	78	92	87	0	18	9
J266	5660	4	1000	6015	90	1974	5875	93	1	6	4	5842	5875	5861	79	93	87	0	19	9
J268	5660	2	1000	6718	90	2051	5875	93	0	3	2	5842	5875	5861	79	93	87	0	20	10
J270	5661	0	1000	4827	88	1709	5875	93	0	0	0	5842	5875	5861	78	93	87	0	24	12
J272	5657	0	1000	1781	68	1063	5874	94	0	0	0	5841	5874	5861	79	94	88	0	24	12
J274	5660	0	1000	4221	87	1591	5875	93	0	0	0	5842	5875	5861	78	93	87	0	24	12
J28	5655	17	1000	2161	75	1053	5874	95	3	27	17	5839	5874	5859	80	95	88	0	9	7
J30	5657	9	1000	1874	69	914	5874	94	2	15	9	5839	5874	5859	79	94	87	0	9	7
J32	5653	12	1000	1884	71	980	5874	96	2	19	12	5839	5874	5859	81	96	89	0	11	8
J326	5659	11	1000	2517	79	1219	5874	93	2	18	11	5841	5874	5860	79	93	87	0	6	5
J34	5651	5	1000	1633	64	624	5874	97	1	9	5	5839	5874	5859	81	97	90	0	13	9
J36	5654	20	1000	2024	73	1054	5874	95	4	33	20	5839	5874	5859	80	95	89	0	10	7
J38	5656	22	1000	1833	69	1023	5874	95	4	35	22	5839	5874	5859	79	95	88	0	9	7
J40	5650	25	1000	2044	75	1056	5874	97	5	40	25	5839	5874	5859	82	97	90	0	10	7
J42	5652	9	1000	1816	69	1052	5874	96	2	14	9	5839	5874	5859	81	96	89	0	11	8
J44	5654	8	1000	1934	72	1052	5874	96	2	14	8	5839	5874	5859	80	96	89	0	10	7
J46	5651	3	1000	1864	71	1051	5874	97	0	4	2	5839	5874	5859	81	97	90	0	13	9
J48	5649	10	1000	1910	73	1053	5874	98	2	17	10	5839	5874	5859	82	98	91	0	12	8
J50	5651	7	1000	1794	69	1052	5874	97	1	11	7	5839	5874	5859	81	97	90	0	15	10
J52	5652	11	1000	1930	72	1052	5874	96	2	18	11	5839	5874	5859	81	96	90	0	11	8
J54	5653	7	1000	2032	74	1050	5874	96	1	11	7	5839	5874	5859	80	96	89	0	10	7
J56	5661	13	1000	2825	81	1187	5874	92	3	20	12	5841	5874	5860	78	92	86	0	10	6
J58	5661	14	1000	3206	83	1243	5874	92	3	22	14	5841	5874	5860	78	92	86	0	10	6
J60	5662	5	1000	1535	59	488	5874	92	1	8	5	5841	5874	5860	78	92	86	0	10	6
J62	5663	3	1000	1564	60	455	5874	92	1	5	3	5842	5874	5861	77	92	86	0	10	6
J64	5661	4	1000	6733	90	2425	5874	93	1	6	4	5843	5874	5861	79	93	87	0	10	6
J68	5666	3	1000	3126	81	1233	5874	90	1	5	3	5842	5874	5860	76	90	84	0	6	5
J70	5663	5	1000	3188	82	1051	5874	91	1	9	5	5842	5874	5860	77	91	85	0	6	5
J72	5665	12	1000	3208	81	1382	5874	91	2	18	11	5842	5874	5861	77	91	85	0	6	5
J74	5665	6	1000	3755	84	945	5874	91	1	9	6	5842	5874	5861	77	91	85	0	6	5
J78	5665	3	1000	3161	81	1137	5874	91	1	5	3	5842	5874	5861	77	91	85	0	6	5
J80	5663	20	1000	2764	79	1041	5874	91	4	32	20	5841	5874	5860	77	91	85	0	6	5
J82	5705	17	1000	1890	56	1143	5874	73	3	27	17	5841	5874	5860	59	73	67	0	6	5
J84	5665	13	1000	2682	78	1184	5874	90	3	20	13	5841	5874	5860	76	90	84	0	7	5
J86	5663	17	1000	2358	76	1143	5874	91	3	28	17	5841	5874	5860	77	91	85	0	6	5
J88	5668	2	1000	2944	78	1766	5874	89	0	4	2	5840	5874	5860	75	89	83	0	7	6
J90	5657	12	1000	3027	83	1712	5874	94	2	19	12	5840	5874	5859	79	94	88	0	9	6
J92	5659	12	1000	3165	83	1420	5874	93	2	20	12	5841	5874	5860	79	93	87	0	10	7
J94	5660	13	1000	2593	79	1091	5874	93	3	21	13	5841	5874	5860	78	93	87	0	10	7
J96	5662	5	1000	4863	87	1325	5874	92	1	8	5	5843	5874	5861	78	92	86	0	10	6
J98	5658	4	1000	2920	82	788	5874	94	1	6	4	5841	5874	5860	79	94	88	0	7	5
N-J186	5662	0	1000	5614	89	1099	5875	92	0	0	0	5842	5875	5862	78	92	87	0	22	11
N-J188	5661	0	1000	1869	70	617	5875	93	0	0	0	5842	5875	5862	78	93	87	0	24	12
N-J190	5661	0	1000	5411	89	1128	5875	93	0	0	0	5842	5875	5862	78	93	87	0	24	12
N-J194	5661	0	1000	5027	89	1100	5875	93	0	0	0	5842	5875	5862	78	93	87	0	24	12
N-J196	5661	3	1000	4975	88	1789	5875	93	1	4	3	5842	5875	5861	78	93	87	0	24	12
N-J198	5664	19	1000	5635	88	1466	5875	91	4	30	18	5842	5875	5861	77	91	85	0	24	12
N-J202	5668	0	1000	7127	87	1672	5875	90	0	0	0	5842	5875	5861	75	90	84	0	20	9
N-J204	5666	0	1000	3451	83	1097	5875	90	0	0	0	5842	5875	5861	76	90	85	0	24	12
N-J206	5662	0	1000	4026	86	1112	5875	92	0	0	0	5842	5875	5861	78	92	87	0	24	12
N-J208	5668	3	1000	7040	87	1955	5875	90	1	4	3	5842	5875	5861	75	90	84	0	20	9
N-J210	5669	2	1000	7411	87	3617	5875	89	0	3	2	5842	5875	5861	75	89	83	0	19	9
N-J212	5666	0	1000	7138	88	1849	5875	90	0	0	0	5842	5875	5861	76	90	85	0	17	8

N-J214	5667	30	1000	7332	88	3690	5875	90	6	54	30	5842	5875	5861	76	90	84	0	17	8
N-J216	5663	1	1000	4102	85	1051	5874	91	0	2	1	5841	5874	5861	77	91	86	0	17	8
N-J218	5662	0	1000	3089	82	1053	5874	92	0	0	0	5841	5874	5861	77	92	86	0	17	8
N-J220	5663	8	1000	7117	89	3020	5874	92	2	12	8	5842	5874	5861	78	92	86	0	17	8
N-J222	5660	0	1000	3598	85	1051	5874	93	0	0	0	5841	5874	5861	78	93	87	0	24	12
N-J224	5649	5	1000	2582	83	1057	5874	98	1	8	5	5840	5874	5860	83	98	92	0	18	9
N-J226	5650	10	1000	2539	82	1058	5874	97	2	16	10	5840	5874	5860	82	97	91	0	19	10
N-J228	5660	6	1000	2698	80	1056	5874	93	1	10	6	5840	5874	5860	78	93	87	0	17	8
N-J230	5652	10	1000	2577	82	1058	5874	96	2	16	10	5840	5874	5860	82	96	90	0	17	8
N-J232	5648	13	1000	2437	82	1060	5874	98	3	21	13	5840	5874	5860	83	98	92	0	19	10
N-J234	5654	6	1000	2268	78	1064	5874	96	1	10	6	5840	5874	5860	81	96	89	0	18	9
N-J236	5654	0	1000	2153	76	640	5874	95	0	0	0	5840	5874	5860	81	95	89	0	24	12
N-J238	5659	5	1000	6308	90	1359	5875	93	1	8	5	5842	5875	5861	79	93	88	0	20	10
N-J240	5653	5	1000	2595	82	1056	5874	96	1	9	5	5840	5874	5860	81	96	90	0	18	9
N-J242	5652	8	1000	2425	80	1058	5874	96	2	13	8	5840	5874	5860	81	96	90	0	19	10
N-J244	5653	4	1000	2613	82	1057	5874	96	1	6	4	5840	5874	5860	81	96	90	0	17	9
N-J246	5655	2	1000	2126	76	1059	5874	95	0	3	2	5841	5874	5861	80	95	89	0	24	12
N-J256	5655	15	1500	1803	41	1063	5874	95	3	24	15	5840	5874	5860	80	95	89	0	20	10
N-J260	5651	7	1500	1606	29	1458	5874	97	1	12	7	5840	5874	5860	82	97	91	0	24	12
N-J262	5649	6	1500	1595	28	1450	5874	98	1	10	6	5840	5874	5860	83	98	92	0	24	12
N-J264	5646	0	1500	1626	31	1480	5874	99	0	0	0	5840	5874	5860	84	99	93	0	24	12
J122	5665	1	1000	7094	88	2038	5875	91	0	2	1	5842	5875	5861	76	91	85	0	17	8
J344	5650	4	1500	1615	30	1467	5874	97	1	7	4	5840	5874	5860	82	97	91	0	24	12
J346	5646	0	1500	1626	31	1480	5874	99	0	0	0	5840	5874	5860	84	99	93	0	24	12
J348	5647	0	1500	1625	31	1479	5874	99	0	0	0	5840	5874	5860	84	99	92	0	24	12
J352	5647	1	1500	1618	30	1473	5874	98	0	2	1	5840	5874	5860	84	98	92	0	24	12
J370	5694	0	1000	2469	100	2466	5991	129	0	0	0	5986	5991	5988	126	129	127	0	5	4
J372	5694	0	1000	2509	100	2508	5992	129	0	0	0	5987	5992	5990	127	129	128	0	5	4
J378	5695	0	1000	3126	71	1097	5876	78	0	0	0	5875	5904	5897	78	90	88	0	2	0
J380	5695	0	1000	3121	71	1097	5876	78	0	0	0	5875	5904	5897	78	90	87	0	2	0
J386	5694	0	1000	2245	60	266	5871	77	0	0	0	5854	5871	5863	69	77	73	0	5	4
J388	5694	0	1000	7664	76	2083	5875	78	0	0	0	5856	5875	5866	70	78	74	0	5	4
J392	5693	3	1000	7874	76	1790	5875	78	1	4	3	5857	5875	5866	71	78	75	0	5	4
J396	5635	0	1000	1306	52	1039	5874	104	0	0	0	5839	5874	5859	88	104	97	0	24	12
J398	5633	0	1000	1397	58	1036	5874	105	0	0	0	5839	5874	5859	89	105	98	0	24	12
J400	5639	0	1000	1604	66	1024	5874	102	0	0	0	5839	5874	5859	86	102	95	0	24	12
J402	5644	0	1000	1765	70	1019	5874	100	0	1	0	5839	5874	5859	84	100	93	0	24	12
J404	5694	0	0	0	0	0	5875	78	0	0	0	5857	5875	5866	71	78	75	0	5	4
J488	5830	0	1000	1471	42	1183	5983	66	0	0	0	5979	5983	5981	65	66	65	0	5	4
J502	5642	4	1500	1693	36	1545	5874	101	1	6	4	5840	5874	5860	86	101	94	0	24	12
J628	5724	2	1000	1727	74	624	5966	105	0	4	2	5964	5966	5965	104	105	104	0	9	6
J630	5718	2	1000	1506	67	631	5966	107	0	3	2	5964	5966	5965	107	107	107	0	14	8

Pipe Output

AssetID	Length	Diameter	Roughness	Flow	Pressure	Status	MinFlow	MaxFlow	AvgFlow	MinVelocity	MaxVelocity	AvgVelocity	MinPressure	MaxPressure	AvgPressure	MaxQuality	AvgQuality	Shape_Length
N-P101	31	8	140	0	92	3	0	0	0	0	0	0	78	92	87	24	12	30.633008
N-P103	225	8	140	0	91	3	0	0	0	0	0	0	76	91	85	24	12	224.505195
N-P105	68	8	140	0	93	3	0	0	0	0	0	0	78	93	87	24	12	67.544505
N-P107	505	8	140	5	92	3	1	22	11	0	0	0	78	92	87	24	12	505.436465
N-P109	1030	8	140	2	93	3	0	11	4	0	0	0	78	93	87	24	12	1029.756139
N-P111	748	8	140	0	90	3	0	0	0	0	0	0	76	90	84	24	12	747.878681
N-P113	102	8	140	0	92	3	0	0	0	0	0	0	78	92	86	24	12	101.689334
N-P115	696	8	140	6	92	3	0	25	12	0	0	0	77	92	86	24	12	695.715801
N-P117	254	8	140	17	90	3	0	75	38	0	0	0	76	90	85	24	11	254.206414
N-P121	35	8	140	46	91	3	9	185	98	0	1	1	76	91	85	17	8	35.088237
N-P123	689	12	140	94	90	3	18	386	195	0	1	1	75	90	84	17	9	688.628714
N-P125	1077	12	140	163	89	3	0	675	332	0	2	1	75	89	83	19	9	1076.904415
N-P127	506	8	140	47	92	3	31	251	156	0	2	1	77	92	86	17	8	506.294079
N-P129	462	8	140	47	92	3	32	252	157	0	2	1	77	92	86	17	8	462.015003
N-P131	220	8	140	0	92	3	0	0	0	0	0	0	78	92	86	24	12	220.111399
N-P133	293	8	140	9	97	3	6	47	29	0	0	0	83	97	91	18	10	293.416494
N-P135	618	8	140	17	95	3	11	89	55	0	1	0	80	95	89	17	8	617.906726
N-P137	351	6	140	3	98	3	2	15	9	0	0	0	83	98	92	18	10	350.813987
N-P139	56	6	140	0	96	3	0	0	0	0	0	0	81	96	89	24	12	56.196959
N-P141	542	6	140	3	97	3	2	16	10	0	0	0	82	97	91	18	10	541.976981
N-P143	588	6	140	2	98	3	1	9	6	0	0	0	83	98	92	19	11	588.216371
N-P145	317	8	140	9	93	3	2	38	19	0	0	0	79	93	87	19	10	317.190143
N-P153	924	8	140	9	97	3	6	50	31	0	0	0	82	97	91	17	9	923.649634
N-P155	352	6	140	5	96	3	3	25	16	0	0	0	81	96	90	18	9	351.586449
N-P157	144	8	140	17	97	3	11	90	56	0	1	0	82	97	90	19	10	144.291492
N-P159	548	8	140	9	97	3	6	48	30	0	0	0	82	97	91	18	9	547.810273
N-P161	74	8	140	15	96	3	10	81	51	0	1	0	81	96	90	17	9	73.921093
N-P165	726	6	140	3	97	3	2	15	9	0	0	0	82	97	91	19	11	725.835723
N-P167	776	6	140	2	96	3	2	13	8	0	0	0	81	96	90	18	10	776.065652
N-P169	616	6	140	3	95	3	2	16	10	0	0	0	81	95	89	17	9	615.780191
N-P171	363	8	140	13	95	3	9	72	45	0	0	0	81	95	89	17	8	363.003459
N-P173	332	8	140	18	94	3	12	94	59	0	1	0	79	94	88	17	8	331.574285
N-P175	787	8	140	3	97	3	2	15	10	0	0	0	82	97	91	23	12	787.476674
N-P177	981	8	140	4	98	3	2	19	12	0	0	0	83	98	92	22	12	980.701593
N-P179	1066	8	140	5	96	3	4	29	18	0	0	0	82	96	90	18	10	1065.598547
N-P181	972	8	140	10	94	3	7	55	34	0	0	0	79	94	88	17	8	972.057691
N-P183	374	8	140	46	93	3	31	248	154	0	2	1	78	93	86	17	8	374.272858
N-P185	742	12	140	142	91	3	27	593	299	0	2	1	77	91	85	17	8	741.97918
N-P187	2754	12	140	163	49	3	0	675	332	0	2	1	38	49	44	20	10	2753.73743
N-P189	46	8	140	68	89	3	1	288	141	0	2	1	75	89	84	20	9	45.920643
N-P191	30	8	140	68	90	3	1	288	141	0	2	1	75	90	84	20	9	30.052945
N-P99	703	6	140	0	93	3	0	0	0	0	0	0	78	93	87	24	12	703.195994
P101	732	6	140	18	93	3	0	91	54	0	1	1	78	93	86	10	7	731.71054
P103	485	6	140	14	93	3	0	70	41	0	1	0	79	93	87	11	7	485.455557
P105	895	6	140	20	93	3	5	107	63	0	1	1	78	93	87	10	6	895.45741
P107	690	6	140	35	92	3	23	185	113	0	2	1	78	92	86	10	6	690.249677
P109	79	4	140	1	94	3	0	20	10	0	1	0	79	94	87	7	5	79.433332
P11	270	6	140	7	88	3	0	71	28	0	1	0	76	88	83	7	5	270.169442
P111	641	6	140	12	92	3	7	60	37	0	1	0	77	92	85	7	6	641.392285
P113	378	6	140	14	93	3	9	76	50	0	1	1	79	93	87	7	5	377.764588
P115	185	4	140	0	93	3	0	3	2	0	0	0	78	93	86	9	6	184.769016
P117	318	6	140	20	93	3	13	109	70	0	1	1	79	93	87	6	5	318.378347
P119	443	6	140	24	92	3	16	130	83	0	1	1	78	92	86	6	5	443.381326
P121	312	6	140	30	91	3	19	157	96	0	2	1	77	91	85	6	5	311.518478
P123	213	6	140	37	91	3	17	188	111	0	2	1	77	91	85	6	5	212.753404
P125	313	6	140	41	92	3	0	188	101	0	2	1	79	92	87	10	6	312.876579
P127	431	8	140	5	91	3	0	160	56	0	1	0	78	91	86	10	5	431.20252
P129	1384	8	140	33	89	3	11	315	168	0	2	1	76	89	83	6	5	1384.106152
P13	457	6	140	1	92	3	1	6	4	0	0	0	80	92	87	10	7	457.410203
P131	987	6	140	29	89	3	17	191	117	0	2	1	76	89	83	6	5	987.12928
P133	37	8	140	30	87	3	7	125	55	0	1	0	75	87	82	6	4	36.539727
P135	598	8	140	37	87	3	4	481	246	0	3	2	75	87	81	6	4	598.035329
P137	175	6	140	3	80	3	2	18	11	0	0	0	69	80	75	6	5	175.348625
P139	897	6	140	14	80	3	3	150	80	0	2	1	69	80	75	5	4	897.416664
P141	847	8	140	32	83	3	7	374	196	0	2	1	72	83	78	5	4	847.202131
P143	430	8	140	49	79	3	12	540	287	0	3	2	69	79	75	5	4	429.577238
P145	142	8	140	50	79	3	13	543	289	0	3	2	69	79	74	5	4	142.169114

Tank Output

AssetID	Elevation	Diameter	InitLevel	Flow	Head	Pressure
NSU	5855	60	20	-163	5875	9
500K	5862	77	14	-520	5876	6
250K	5950	531	14	327	5964	6

P147	1452	8	140	7	93	3	0	26	14	0	0	0	79	93	87	20	11	1451.86282
P149	44	8	140	54	90	3	10	217	115	0	1	1	76	90	84	17	8	44.352865
P15	310	6	140	2	91	3	1	10	6	0	0	0	79	91	86	8	6	309.620126
P151	694	6	140	4	97	3	3	23	14	0	0	0	82	97	91	17	9	693.788494
P153	122	6	140	15	88	3	3	161	83	0	2	1	75	88	83	6	4	121.614678
P155	128	6	140	8	89	3	0	156	70	0	2	1	76	89	83	6	5	127.81958
P157	419	6	140	7	88	3	2	28	15	0	0	0	76	88	83	6	5	419.193177
P159	62	6	140	5	89	3	0	138	52	0	2	1	76	89	83	8	5	62.403587
P161	255	6	140	4	90	3	0	96	36	0	1	0	77	90	85	8	5	254.592044
P163	270	4	140	9	87	3	0	44	23	0	1	1	75	87	82	6	5	269.583146
P165	222	10	140	37	92	3	0	420	162	0	2	1	78	92	86	10	5	222.276293
P167	164	8	140	18	91	3	0	199	77	0	1	0	78	91	86	10	6	163.714155
P169	404	8	140	18	91	3	0	231	89	0	1	1	77	91	85	9	5	403.935426
P17	431	6	140	3	90	3	0	89	35	0	1	0	78	90	85	7	5	431.023996
P171	446	8	140	20	90	3	0	279	108	0	2	1	76	90	84	8	5	445.879452
P173	874	8	140	9	89	3	0	275	111	0	2	1	76	88	83	7	5	873.983657
P175	62	8	140	7	87	3	0	441	195	0	3	1	75	87	82	6	4	61.817965
P177	619	8	140	37	87	3	4	489	248	0	3	2	75	87	82	5	4	618.736562
P179	1309	8	140	47	82	3	12	516	275	0	3	2	72	82	78	5	4	1308.555763
P181	356	6	140	15	91	3	0	164	65	0	2	1	78	91	86	10	6	356.407836
P183	235	4	140	3	91	3	0	41	16	0	1	0	77	91	85	9	5	235.400736
P185	547	6	140	1	85	3	1	6	4	0	0	0	85	85	85	9	6	547.021517
P187	427	6	140	4	77	3	3	22	14	0	0	0	76	77	77	6	5	427.045103
P189	340	6	140	6	72	3	4	34	21	0	0	0	71	72	72	6	5	340.252181
P19	392	6	140	1	93	3	0	98	40	0	1	0	81	93	88	6	5	391.503006
P193	299	6	140	9	80	3	6	47	29	0	1	0	80	80	80	6	5	299.362263
P195	393	6	140	7	90	3	5	38	24	0	0	0	89	90	89	6	5	392.985011
P197	159	4	140	2	79	3	1	9	5	0	0	0	78	79	78	8	6	159.07749
P199	384	6	140	4	85	3	3	21	13	0	0	0	84	85	84	7	5	383.620334
P201	203	6	140	1	96	3	0	4	2	0	0	0	96	96	96	8	6	203.287341
P203	91	6	140	0	77	3	0	0	0	0	0	0	66	77	73	24	12	90.99903
P205	389	6	140	7	83	3	0	115	56	0	1	1	72	83	78	6	4	388.542904
P207	563	6	140	2	78	3	1	9	6	0	0	0	67	78	73	7	6	562.785487
P209	228	4	140	1	95	3	1	7	4	0	0	0	94	95	94	7	5	227.788566
P21	268	4	140	0	74	3	0	2	1	0	0	0	64	74	69	6	5	268.011144
P211	127	6	140	2	90	3	2	12	8	0	0	0	89	90	89	6	5	127.431691
P213	375	4	140	2	99	3	2	12	8	0	0	0	98	99	98	7	6	374.927808
P217	155	6	140	5	94	3	3	27	17	0	0	0	94	94	94	7	5	155.415299
P219	748	4	140	3	79	3	2	15	9	0	0	0	79	79	79	6	5	748.290366
P221	391	6	140	5	89	3	3	27	17	0	0	0	89	89	89	6	5	391.208637
P223	521	6	140	9	77	3	6	46	28	0	1	0	77	77	77	6	5	521.1679
P227	996	8	140	327	29	3	152	338	231	1	2	1	28	29	29	6	4	995.736606
P229	446	8	140	343	63	3	236	348	283	2	2	2	62	63	63	5	4	445.961603
P23	328	8	140	29	95	3	20	157	98	0	1	1	80	95	88	9	6	328.186825
P231	531	6	140	362	66	3	330	362	346	4	4	4	65	66	65	5	4	531.049753
P233	948	6	140	363	131	3	336	363	350	4	4	4	129	131	130	5	4	947.632485
P243	419	6	140	32	81	3	15	287	161	0	3	2	71	81	77	5	4	418.571679
P247	182	6	140	5	90	3	0	96	37	0	1	0	77	90	85	8	5	182.144813
P249	293	6	140	9	92	3	0	70	30	0	1	0	78	92	86	9	6	293.070441
P25	367	6	140	13	94	3	8	68	42	0	1	0	79	94	88	9	7	366.688629
P251	613	6	140	6	92	3	0	85	32	0	1	0	79	92	87	10	6	613.36284
P253	269	6	140	9	90	3	2	45	21	0	1	0	76	90	84	8	5	269.467113
P255	123	4	140	4	90	3	0	30	12	0	1	0	77	90	84	9	6	122.582624
P257	574	4	140	3	89	3	0	34	13	0	1	0	76	89	84	9	6	574.136104
P259	849	6	140	6	89	3	0	98	37	0	1	0	76	89	84	9	5	849.066537
P261	998	4	140	3	88	3	0	14	8	0	0	0	76	88	83	6	5	997.687963
P263	305	6	140	9	88	3	0	130	51	0	1	1	76	88	83	7	5	305.178561
P265	612	6	140	5	87	3	0	174	68	0	2	1	75	87	82	7	5	612.017023
P267	944	6	140	9	85	3	0	135	67	0	2	1	73	85	79	6	4	944.166343
P269	463	4	140	2	87	3	1	9	6	0	0	0	76	87	82	6	5	462.55284
P27	253	6	140	2	96	3	1	9	5	0	0	0	81	96	90	12	8	252.871015
P271	383	4	140	3	86	3	1	19	11	0	0	0	75	86	81	8	5	383.447937
P273	525	4	140	1	84	3	0	22	7	0	1	0	73	84	79	10	5	525.078931
P275	149	6	140	15	83	3	10	90	53	0	1	1	72	83	78	5	4	149.110011
P277	678	6	140	26	83	3	12	248	137	0	3	2	73	83	78	5	4	678.366291
P279	269	4	140	1	82	3	1	6	4	0	0	0	71	82	77	6	5	268.656995
P281	543	6	140	9	82	3	3	96	51	0	1	1	70	82	77	5	4	543.404976
P283	443	6	140	4	83	3	0	74	36	0	1	0	71	83	78	6	5	442.751496
P285	317	6	140	3	95	3	0	83	39	0	1	0	83	95	90	6	5	317.435253
P287	259	6	140	3	96	3	0	22	9	0	0	0	85	96	91	8	6	259.494241
P289	551	6	140	0	96	3	0	36	15	0	0	0	85	96	91	7	5	551.2986
P29	706	6	140	12	95	3	8	62	39	0	1	0	80	95	88	9	7	705.744047
P291	400	6	140	4	95	3	2	54	28	0	1	0	83	95	90	6	5	399.607462
P293	66	8	140	9	93	3	3	146	73	0	1	0	81	93	87	6	5	65.699724
P295	234	6	140	17	87	3	9	139	81	0	2	1	76	87	82	6	5	233.972184
P297	492	6	140	7	93	3	1	29	14	0	0	0	82	93	88	7	5	491.607917

P299	504	6	140	2	94	3	0	41	19	0	0	0	83	94	89	6	5	504.478466
P301	523	6	140	3	95	3	0	16	8	0	0	0	83	95	90	12	6	523.302861
P303	1079	6	140	0	99	3	0	13	5	0	0	0	87	99	94	10	7	1078.935923
P305	482	6	140	2	101	3	1	21	11	0	0	0	89	101	96	7	6	482.315309
P307	613	6	140	3	96	3	2	25	14	0	0	0	85	96	91	6	5	612.837786
P309	580	6	140	9	92	3	5	89	49	0	1	1	81	92	87	6	5	580.234795
P31	1199	6	140	3	95	3	2	18	11	0	0	0	80	95	88	10	8	1198.661445
P311	553	6	140	13	86	3	7	105	60	0	1	1	75	86	81	5	4	553.462273
P313	699	6	140	25	82	3	13	219	124	0	2	1	72	82	78	5	4	698.753997
P319	978	8	140	0	43	3	0	1388	1134	0	9	7	42	48	47	2	0	978.23229
P321	228	6	140	1	101	3	1	6	4	0	0	0	100	101	101	8	6	227.789269
P323	292	4	140	0	78	3	0	1	1	0	0	0	64	78	72	8	6	292.105248
P329	464	6	140	24	81	3	13	199	114	0	2	1	71	81	77	5	4	463.784491
P33	194	6	140	10	94	3	7	54	33	0	1	0	79	94	88	9	7	193.729097
P331	922	10	140	520	42	3	416	1901	1203	2	8	5	38	42	40	5	4	921.761126
P335	2841	12	140	93	92	3	0	471	225	0	1	1	78	92	86	16	7	2840.63514
P337	1002	8	140	15	96	3	10	78	48	0	0	0	81	96	90	19	10	1002.280856
P343	765	8	140	1	97	3	0	3	2	0	0	0	82	97	91	24	12	765.374537
P345	270	8	140	1	98	3	1	7	4	0	0	0	83	98	92	24	12	270.254111
P347	1208	6	140	1	98	3	1	7	4	0	0	0	83	98	91	24	12	1208.044959
P349	548	6	140	2	97	3	1	9	6	0	0	0	82	97	91	24	12	547.545185
P35	898	6	140	2	97	3	2	12	8	0	0	0	81	97	90	11	8	897.49912
P351	1336	8	140	5	96	3	3	25	15	0	0	0	81	96	90	20	12	1335.970562
P353	370	8	140	5	92	3	1	22	11	0	0	0	77	92	86	24	12	369.530362
P355	136	8	140	8	91	3	1	32	17	0	0	0	77	91	86	17	8	135.989965
P357	294	8	140	8	93	3	1	32	17	0	0	0	78	93	87	18	9	294.233319
P361	65	8	140	5	93	3	0	27	12	0	0	0	79	93	88	20	10	64.814778
P365	184	8	140	5	93	3	1	22	11	0	0	0	78	93	87	24	12	184.104676
P367	974	8	140	0	95	3	0	0	0	0	0	0	80	95	89	24	12	973.840263
P369	471	8	140	2	92	3	0	11	4	0	0	0	78	92	87	24	12	471.451598
P37	285	6	140	3	96	3	2	15	9	0	0	0	80	96	89	10	7	284.860372
P39	364	6	140	3	96	3	2	14	9	0	0	0	81	96	89	11	8	363.842023
P41	436	6	140	0	96	3	0	0	0	0	0	0	81	96	90	22	12	436.086286
P423	541	6	140	17	93	3	11	91	59	0	1	1	79	93	87	6	5	541.210996
P43	170	6	140	1	97	3	1	8	5	0	0	0	82	97	90	12	9	169.780109
P45	300	6	140	1	97	3	0	4	2	0	0	0	81	97	90	15	10	300.113143
P47	330	6	140	1	97	3	1	7	4	0	0	0	82	97	90	13	9	330.370965
P49	361	6	140	2	97	3	1	12	7	0	0	0	82	97	90	12	8	361.271585
P51	537	6	140	5	97	3	3	26	16	0	0	0	81	97	90	10	7	536.842681
P53	484	6	140	1	96	3	1	4	3	0	0	0	81	96	89	12	8	483.678164
P55	255	6	140	6	95	3	4	32	20	0	0	0	80	95	89	10	7	255.061251
P57	1048	6	140	4	97	3	2	19	12	0	0	0	82	97	91	11	8	1048.241738
P59	278	8	140	18	96	3	12	97	60	0	1	0	81	96	90	10	7	278.379199
P61	1424	8	140	20	95	3	13	108	67	0	1	0	80	95	89	9	7	1424.063814
P63	404	6	140	10	92	3	6	57	36	0	1	0	78	92	86	10	6	403.711664
P65	363	4	140	11	92	3	0	54	31	0	1	1	78	92	86	10	6	362.991132
P67	336	4	140	13	92	3	0	62	36	0	2	1	78	92	86	10	6	336.298689
P69	371	4	140	14	92	3	0	67	39	0	2	1	78	92	86	10	6	371.296038
P73	434	4	140	4	91	3	0	20	11	0	1	0	77	91	85	8	5	434.185652
P75	807	4	140	5	91	3	0	25	13	0	1	0	77	91	85	7	5	807.067599
P79	70	6	140	31	91	3	19	179	115	0	2	1	77	91	85	6	5	70.422651
P81	105	6	140	30	91	3	18	174	111	0	2	1	77	91	85	6	5	105.183326
P83	361	6	140	33	91	3	21	179	115	0	2	1	77	91	85	6	5	360.551773
P85	769	6	140	7	82	3	4	42	27	0	0	0	67	82	76	6	5	768.610179
P87	862	6	140	12	82	3	8	68	44	0	1	0	68	82	76	6	5	861.944909
P89	640	6	140	14	91	3	9	79	51	0	1	1	77	91	85	6	5	640.329659
P91	561	6	140	9	91	3	6	52	34	0	1	0	76	91	85	6	5	561.057796
P93	448	6	140	13	90	3	8	75	49	0	1	1	75	90	84	7	5	447.75149
P95	465	8	140	24	92	3	15	129	83	0	1	1	77	92	85	7	6	464.724808
P97	934	8	140	52	95	3	35	278	173	0	2	1	80	95	88	9	6	933.906968
P99	666	8	140	32	94	3	10	167	101	0	1	1	79	94	87	10	7	665.967381
P100	618	12	140	51	90	3	8	209	106	0	1	0	76	90	84	17	9	618.243128
P102	699	12	140	4	92	3	1	23	13	0	0	0	78	92	86	17	11	698.867599
P134	335	12	140	3	97	3	2	15	9	0	0	0	82	97	91	24	12	334.904295
P136	569	12	140	0	98	3	0	2	1	0	0	0	83	98	92	24	12	568.520026
P138	555	12	140	0	99	3	0	2	1	0	0	0	84	99	93	24	12	554.816765
P140	500	12	140	0	99	3	0	2	1	0	0	0	84	99	93	24	12	499.86321
P144	267	12	140	2	99	3	1	9	5	0	0	0	84	99	92	24	12	266.872686
P148	6	8	140	0	-41	3	0	460	390	0	3	2	-41	-41	-41	2	0	6.391497
P154	28	8	140	0	-31	3	0	526	444	0	3	3	-31	-31	-31	2	0	28.394552
P158	16	8	140	0	-45	3	0	434	300	0	3	2	-45	-45	-45	7	1	16.114375
P162	1129	6	140	363	65	3	336	363	350	4	4	4	63	65	64	5	4	1129.487472
P164	175	6	140	363	129	3	336	363	350	4	4	4	127	129	128	5	4	175.286211
P166	576	8	140	0	78	3	0	434	300	0	3	2	77	90	87	1	0	575.56813
P168	147	8	140	0	78	3	0	526	444	0	3	3	78	91	88	1	0	147.477412
P170	10	10	140	0	79	3	0	460	390	0	2	2	78	91	88	2	0	9.691534

P172	10	10	140	0	79	3	0	526	444	0	2	2	78	91	88	2	0	9.782691
P174	26	10	140	0	78	3	0	1388	1134	0	6	5	78	91	88	2	0	26.453195
P176	14	10	140	0	78	3	0	890	727	0	4	3	78	90	88	2	0	14.105937
P180	328	8	140	0	79	3	0	498	407	0	3	3	78	91	88	2	0	328.011131
P186	4	6	140	363	133	3	336	363	350	4	4	4	130	133	132	5	4	4.086981
P190	386	8	140	75	79	3	26	748	407	0	5	3	70	79	75	5	4	386.369422
P194	4	6	140	363	77	3	336	363	350	4	4	4	69	77	73	5	4	4.095699
P198	475	8	140	0	97	3	0	1	0	0	0	0	82	97	90	22	11	474.931
P200	884	8	140	0	101	3	0	0	0	0	0	0	85	101	94	24	12	883.699278
P202	1622	8	140	0	103	3	0	0	0	0	0	0	88	103	96	24	12	1621.521163
P204	774	8	140	0	104	3	0	0	0	0	0	0	89	104	97	24	12	774.134232
P206	16	10	140	157	78	3	55	1565	853	0	6	3	71	78	75	5	4	16.44072
P208	351	6	140	363	78	3	336	363	350	4	4	4	70	78	74	5	4	350.63327
P210	318	10	140	0	79	3	0	890	727	0	4	3	78	91	88	2	0	318.217538
P306	552	6	120	363	97	3	336	363	350	4	4	4	95	98	96	5	4	551.753241
P308	468	10	120	81	78	3	29	813	443	0	3	2	70	78	74	5	4	468.435652
P316	531	8	140	4	99	3	3	23	14	0	0	0	84	99	93	24	12	530.901423
P324	28	10	120	81	78	3	29	813	443	0	3	2	71	78	75	5	4	28.058753
P326	1031	8	120	1	93	3	0	3	2	0	0	0	79	93	87	21	12	1030.571133
P328	953	8	120	6	98	3	4	29	18	0	0	0	83	98	92	20	11	952.595048
P470	9	6	140	0	105	3	0	0	0	0	0	0	104	105	105	24	12	9.056732
P472	273	6	120	0	106	3	0	3	2	0	0	0	105	106	106	12	7	273.420228
P480	143	8	120	14	62	3	10	77	48	0	0	0	62	62	62	6	4	143.159305
P482	119	8	120	17	71	3	11	89	55	0	1	0	70	71	70	5	4	118.729757

SUNRISE ENGINEERING	Prepared By: CWP Checked By: Date: 6/2/2025	Future Network Summary

Summary:

These are the combined calculation, inouts and results from the models.

Model Inputs for Existing System

Pipes

	Existing	
4	10,358	ft
6	51,432	ft
8	46,395	ft
10	6,206	ft
12	17,505	ft
Total	131,896	ft
	24.98	Miles

Hydrants and Hydrant Valves

Existing	127

Water Control Vales

Existing	165

GIS Data

Control Valves

OBJECTID	OBJECTID	OBJECTID
2	58	114
3	59	115
4	60	116
5	61	117
6	62	118
7	63	119
8	64	120
9	65	121
10	66	122
11	67	123
12	68	124
13	69	125
14	70	126
15	71	127
16	72	128
17	73	129
18	74	130
19	75	131
20	76	132
21	77	133
22	78	134
23	79	135
24	80	136
25	81	137
26	82	138
27	83	139
28	84	140
29	85	141
30	86	142
31	87	143
32	88	144
33	89	145
34	90	146
35	91	147
36	92	148
37	93	149
38	94	150
39	95	151
40	96	152
41	97	153
42	98	154
43	99	155
44	100	156
45	101	157
46	102	158
47	103	159
48	104	160
49	105	161
50	106	162
51	107	163
52	108	164
53	109	165
54	110	166
55	111	
56	112	
57	113	

Fire Hydrants

FID	FID	FID
0	56	112
1	57	113
2	58	114
3	59	115
4	60	116
5	61	117
6	62	118
7	63	119
8	64	120
9	65	121
10	66	122
11	67	123
12	68	124
13	69	125
14	70	126
15	71	
16	72	
17	73	
18	74	
19	75	
20	76	
21	77	
22	78	
23	79	
24	80	
25	81	
26	82	
27	83	
28	84	
29	85	
30	86	
31	87	
32	88	
33	89	
34	90	
35	91	
36	92	
37	93	
38	94	
39	95	
40	96	
41	97	
42	98	
43	99	
44	100	
45	101	
46	102	
47	103	
48	104	
49	105	
50	106	
51	107	
52	108	
53	109	
54	110	
55	111	

Future Model Outputs

Junction Output

AssetID	Elevation	BaseDemand	FireflowDmd	AvailableFireflow	FireResPressure	FireSaftyRating	Demand	Head	MinDe	MaxDemand	AvgDemand	MinHead	MaxHead	AvgHead	MinPressu	MaxPressure	AvgPressure	MinQuality	MaxQuality	AvgQuality
J10	5676	31	1000	2791	76	Excellent	9	5876	6	50	30	5865	5879	5872	82	88	85	0	28	11
J100	5660	13	1000	2328	77	Excellent	4	5876	3	20	12	5858	5881	5869	86	96	91	0	32	15
J102	5661	4	1000	1180	39	Excellent	4	5876	4	4	4	5858	5881	5869	85	96	90	0	33	16
J104	5660	21	1000	2372	77	Excellent	6	5876	4	33	20	5860	5881	5870	86	96	91	0	32	15
J106	5665	12	1000	3638	84	Excellent	12	5876	12	12	12	5864	5882	5872	86	94	89	0	32	14
J108	5673	22	1000	4164	82	Excellent	7	5876	4	36	22	5866	5881	5873	83	90	86	0	35	16
J110	5673	0	1000	4178	82	Excellent	0	5876	0	0	0	5866	5881	5873	83	90	86	0	35	15
J112	5676	8	1000	3730	80	Excellent	2	5876	2	13	8	5866	5880	5873	83	88	85	0	38	19
J114	5689	7	1000	2139	66	Excellent	2	5876	1	12	7	5866	5880	5873	77	83	80	0	38	20
J116	5689	18	1000	2661	70	Excellent	5	5876	4	29	17	5866	5880	5873	77	83	80	0	38	19
J118	5690	15	1000	3545	74	Excellent	4	5876	3	23	14	5867	5879	5873	77	82	79	0	37	20
J12	5666	9	1000	2578	78	Excellent	3	5876	2	15	9	5865	5879	5872	86	92	89	0	29	12
J120	5693	6	1000	3885	74	Excellent	2	5875	1	9	5	5868	5878	5873	76	80	78	0	37	20
J128	5670	18	1000	3741	83	Excellent	5	5876	4	29	17	5866	5881	5873	85	92	88	0	20	6
J130	5673	6	1000	4142	82	Excellent	2	5876	1	9	5	5866	5881	5873	84	90	87	0	20	5
J132	5670	33	1000	3589	82	Excellent	10	5876	7	53	32	5866	5881	5873	85	91	88	0	17	5
J134	5670	14	1000	3378	81	Excellent	4	5876	3	22	13	5865	5881	5873	85	91	88	0	15	5
J136	5670	7	1000	3280	81	Excellent	2	5876	2	12	7	5865	5881	5873	85	92	88	0	13	5
J138	5663	11	1000	2950	82	Excellent	3	5876	2	18	11	5865	5882	5873	88	95	91	0	13	5
J14	5662	3	1000	1948	71	Excellent	1	5876	1	5	3	5865	5879	5872	88	94	91	0	30	14
J140	5674	17	1000	1530	56	Excellent	5	5876	3	27	16	5866	5879	5872	83	89	86	0	38	19
J142	5675	8	1000	3771	80	Excellent	2	5876	2	13	8	5866	5880	5873	83	89	86	0	38	19
J144	5663	12	1000	4293	87	Excellent	12	5876	12	12	12	5866	5884	5874	88	96	91	0	13	4
J146	5663	8	1000	4071	86	Excellent	8	5876	8	8	8	5866	5884	5874	88	96	91	0	13	4
J148	5667	8	1000	3980	85	Excellent	8	5876	8	8	8	5866	5883	5874	86	94	90	0	13	4
J150	5668	7	1000	3977	84	Excellent	2	5876	1	12	7	5866	5882	5873	86	93	89	0	13	4
J152	5694	9	1000	3984	74	Excellent	3	5875	2	15	9	5869	5878	5873	76	80	78	0	37	20
J154	5665	2	1000	3660	84	Excellent	1	5876	0	3	2	5866	5882	5873	87	94	90	0	13	4
J156	5774	13	1000	2390	71	Excellent	4	5967	3	21	13	5967	7674	6478	83	823	305	0	39	25
J158	5765	13	1000	2712	77	Excellent	4	5967	3	21	13	5967	7674	6478	87	827	309	0	39	25
J16	5661	5	1000	1508	58	Excellent	2	5876	1	8	5	5865	5879	5872	89	95	92	0	34	19
J160	5803	11	1000	2305	60	Excellent	3	5967	2	18	11	5967	7674	6478	71	811	293	0	39	25
J162	5797	8	1000	3155	67	Excellent	2	5967	2	13	8	5967	7674	6478	73	813	295	0	38	24
J164	5809	10	1000	3315	63	Excellent	3	5967	2	16	10	5967	7674	6478	68	808	290	0	38	24
J166	5755	11	1000	1914	70	Excellent	3	5967	2	18	11	5967	7674	6478	92	831	313	0	39	25
J168	5788	11	1000	1361	45	Excellent	3	5967	2	17	10	5967	7674	6478	77	817	299	0	39	26
J170	5783	7	1000	957	15	Excellent	2	5967	1	12	7	5967	7674	6478	80	819	301	0	39	26
J172	5734	3	1000	1797	73	Excellent	1	5967	1	5	3	5967	7674	6478	101	840	322	0	40	27
J174	5703	0	1000	1851	57	Excellent	0	5876	0	0	0	5866	5880	5873	71	77	74	0	100	50
J176	5754	4	1000	2054	73	Excellent	1	5966	1	7	4	5966	7674	6478	92	832	314	0	39	25
J178	5741	6	1000	1099	32	Excellent	2	5966	1	9	6	5966	7674	6478	97	837	319	0	39	26
J18	5668	8	1000	2441	76	Excellent	3	5875	2	14	8	5865	5879	5872	85	91	88	0	30	12
J180	5765	5	1000	2217	72	Excellent	2	5966	1	8	5	5966	7674	6478	87	827	309	0	39	25
J182	5742	8	1000	1859	72	Excellent	2	5966	2	12	7	5966	7674	6478	97	837	319	0	39	25
J184	5734	10	1000	888	0	Good	3	5966	2	17	10	5966	7674	6478	101	841	323	0	40	26
J186	5755	13	1000	1984	71	Excellent	4	5966	3	20	12	5966	7674	6478	91	831	313	0	39	25
J188	5811	14	1000	3030	61	Excellent	4	5966	3	22	14	5966	7674	6478	67	807	289	0	39	25
J194	5827	6	1000	2879	55	Excellent	2	5968	1	9	5	5968	7674	6479	61	800	282	0	38	24
J196	5694	0	1000	4760	112	Excellent	0	5974	0	0	0	5974	7674	6479	121	858	340	0	37	21
J20	5653	6	1000	2723	84	Excellent	2	5875	1	10	6	5865	5879	5872	92	98	95	0	33	15
J200	5662	16	1000	3542	86	Excellent	5	5878	3	25	15	5870	5889	5877	90	98	93	0	70	28
J202	5683	18	1000	3521	77	Excellent	5	5875	4	29	18	5867	5878	5873	80	85	82	0	37	21
J204	5668	18	1000	3733	84	Excellent	6	5876	4	30	18	5866	5882	5873	86	93	89	0	13	4

J206	5661	14	1000	3023	83 Excellent	4	5876	3	22	13	5866	5882	5873	89	96	92	0	13	4
J208	5667	4	1000	2062	71 Excellent	1	5876	1	7	4	5866	5882	5873	86	93	89	0	13	4
J210	5671	29	1000	3033	79 Excellent	9	5876	6	47	28	5865	5881	5872	84	91	87	0	16	6
J212	5682	16	1000	2989	74 Excellent	5	5875	3	25	15	5865	5879	5872	79	85	82	0	38	19
J216	5678	12	1000	1333	47 Excellent	4	5876	2	20	12	5865	5879	5872	81	87	84	0	38	19
J218	5682	10	1000	2871	74 Excellent	3	5875	2	16	10	5865	5879	5872	80	85	82	0	38	20
J22	5693	2	1000	3724	73 Excellent	1	5876	0	3	2	5868	5878	5873	76	80	78	0	37	20
J220	5686	16	1000	2383	69 Excellent	5	5875	3	26	15	5865	5879	5872	78	84	81	0	38	20
J222	5684	5	1000	963	15 Excellent	1	5875	1	8	5	5865	5879	5872	79	84	82	0	38	23
J224	5686	17	1000	2574	70 Excellent	5	5875	3	28	17	5866	5879	5872	78	83	80	0	38	21
J226	5658	8	1000	2857	83 Excellent	2	5875	2	13	8	5865	5879	5872	90	96	93	0	38	20
J228	5651	13	1000	2469	82 Excellent	4	5875	3	21	13	5865	5879	5872	93	99	96	0	34	15
J230	5654	18	1000	2409	80 Excellent	5	5875	4	28	17	5865	5879	5872	91	97	94	0	42	20
J232	5664	6	1000	2828	80 Excellent	2	5875	1	10	6	5865	5879	5872	87	93	90	0	38	20
J234	5656	22	1000	2370	79 Excellent	7	5875	4	36	22	5865	5879	5872	91	97	94	0	38	20
J236	5658	22	1000	2276	77 Excellent	6	5875	4	34	21	5865	5879	5872	90	96	93	0	38	22
J238	5656	17	1000	1933	72 Excellent	5	5875	3	27	16	5865	5879	5872	90	96	93	0	37	21
J24	5716	2	1000	900	9 Excellent	1	5876	0	3	2	5868	5878	5873	66	70	68	0	38	24
J240	5636	8	1000	1914	78 Excellent	2	5875	2	12	7	5865	5879	5872	99	105	102	0	83	27
J242	5647	4	1000	1948	75 Excellent	1	5875	1	6	4	5865	5879	5872	95	101	98	0	56	27
J244	5664	15	1000	2283	75 Excellent	5	5875	3	25	15	5865	5879	5872	87	93	90	0	38	22
J246	5701	8	1000	1370	44 Excellent	2	5876	2	13	8	5866	5880	5873	72	77	74	0	39	25
J248	5653	12	1000	3393	90 Excellent	4	5882	2	19	11	5872	5893	5880	95	104	99	0	2	2
J250	5649	16	1000	3732	93 Excellent	5	5883	3	25	15	5873	5894	5881	97	106	100	0	1	1
J252	5654	11	1000	3681	91 Excellent	3	5882	2	17	10	5872	5893	5880	94	103	98	0	2	2
J254	5656	5	1000	4088	91 Excellent	2	5882	1	9	5	5873	5893	5880	94	103	97	0	1	1
J256	5649	9	1000	3427	92 Excellent	3	5882	2	14	8	5872	5894	5880	97	106	100	0	2	2
J258	5652	2	1000	3719	94 Excellent	1	5900	0	3	2	5888	5911	5896	102	112	106	0	0	0
J26	5655	13	1000	2086	74 Excellent	4	5875	3	21	13	5854	5881	5867	86	98	92	0	23	11
J260	5651	13	1000	3549	94 Excellent	4	5897	3	21	13	5885	5908	5893	101	111	105	0	0	0
J262	5662	0	1000	3824	87 Excellent	0	5878	0	0	0	5870	5889	5877	90	98	93	0	66	22
J264	5661	0	1000	4357	89 Excellent	0	5878	0	0	0	5870	5889	5877	91	99	94	0	25	4
J266	5660	5	1000	4252	89 Excellent	2	5878	1	9	5	5870	5889	5877	91	99	94	0	25	5
J268	5660	2	1000	4529	90 Excellent	1	5878	0	4	2	5870	5889	5877	91	99	94	0	30	6
J270	5661	0	1000	3826	88 Excellent	0	5878	0	0	0	5870	5889	5877	91	99	94	0	66	20
J272	5657	0	1000	2018	75 Excellent	0	5881	0	0	0	5872	5892	5879	93	102	96	0	100	50
J274	5660	0	1000	3492	87 Excellent	0	5878	0	0	0	5870	5889	5877	91	99	94	0	71	26
J28	5655	23	1000	1999	73 Excellent	7	5875	5	36	22	5854	5881	5867	86	98	92	0	23	11
J30	5657	12	1000	1762	67 Excellent	4	5875	2	20	12	5854	5881	5867	85	97	91	0	23	11
J32	5653	16	1000	1773	68 Excellent	5	5875	3	25	15	5854	5881	5867	87	99	93	0	24	14
J326	5659	17	1000	2289	77 Excellent	5	5876	3	28	17	5859	5881	5870	87	96	91	0	32	15
J34	5651	7	1000	1559	62 Excellent	2	5875	1	12	7	5854	5881	5867	88	100	94	0	24	16
J36	5654	28	1000	1887	71 Excellent	8	5875	6	44	27	5854	5881	5867	86	98	92	0	23	12
J38	5656	29	1000	1726	66 Excellent	9	5875	6	46	28	5854	5881	5867	86	98	92	0	23	11
J40	5650	35	1000	1905	72 Excellent	11	5875	7	57	34	5854	5881	5867	88	100	94	0	24	13
J42	5652	12	1000	1716	67 Excellent	4	5875	2	19	11	5854	5881	5867	87	99	93	0	24	14
J44	5654	11	1000	1815	69 Excellent	3	5875	2	18	11	5854	5881	5867	87	99	93	0	23	13
J46	5651	3	1000	1760	69 Excellent	1	5875	1	5	3	5854	5881	5867	88	100	94	0	26	17
J48	5649	14	1000	1796	70 Excellent	4	5875	3	22	14	5854	5881	5867	89	101	95	0	25	15
J50	5651	9	1000	1699	67 Excellent	3	5875	2	15	9	5854	5881	5867	88	100	94	0	28	18
J52	5652	16	1000	1812	70 Excellent	5	5875	3	25	15	5854	5881	5867	88	100	93	0	24	14
J54	5653	10	1000	1897	71 Excellent	3	5875	2	16	10	5854	5881	5867	87	99	93	0	24	12
J56	5661	21	1000	2511	79 Excellent	6	5876	4	34	21	5859	5882	5870	86	96	91	0	13	4
J58	5661	28	1000	2770	81 Excellent	8	5876	6	45	27	5860	5882	5870	86	96	90	0	13	4
J60	5662	9	1000	1482	57 Excellent	3	5876	2	14	9	5861	5883	5871	87	96	91	0	13	4
J62	5663	4	1000	1511	58 Excellent	1	5876	1	7	4	5864	5884	5872	87	95	91	0	13	4
J64	5661	5	1000	4406	88 Excellent	2	5877	1	8	5	5867	5884	5874	89	97	92	0	13	4
J68	5666	5	1000	2715	79 Excellent	1	5876	1	7	4	5861	5881	5870	85	93	89	0	34	17
J70	5663	9	1000	2762	80 Excellent	3	5876	2	14	8	5861	5882	5871	86	95	90	0	32	14
J72	5665	17	1000	2769	79 Excellent	5	5876	3	27	17	5861	5881	5871	85	94	89	0	35	17
J74	5665	9	1000	3110	82 Excellent	3	5876	2	14	8	5862	5882	5871	86	94	90	0	32	14

J78	5665	4	1000	2741	79 Excellent	1	5876	1	6	4	5861	5881	5871	85	94	89	0	35	17
J80	5663	27	1000	2463	77 Excellent	8	5876	5	43	26	5859	5881	5870	85	94	89	0	34	17
J82	5705	23	1000	1749	54 Excellent	7	5876	5	37	22	5858	5881	5869	66	76	71	0	35	18
J84	5665	19	1000	2399	76 Excellent	6	5876	4	30	18	5858	5881	5869	83	94	88	0	35	18
J86	5663	23	1000	2159	73 Excellent	7	5876	5	38	23	5858	5881	5869	84	94	89	0	34	17
J88	5668	4	1000	2576	76 Excellent	1	5876	1	7	4	5857	5881	5869	82	92	87	0	34	17
J90	5657	23	1000	2649	81 Excellent	7	5876	5	37	22	5857	5881	5869	87	97	92	0	23	10
J92	5659	24	1000	2740	81 Excellent	7	5876	5	39	23	5858	5882	5869	86	96	91	0	14	5
J94	5660	22	1000	2342	77 Excellent	7	5876	4	35	21	5858	5882	5869	86	96	91	0	13	4
J96	5662	9	1000	3683	85 Excellent	3	5876	2	15	9	5864	5882	5872	88	95	91	0	13	4
J98	5658	5	1000	2579	80 Excellent	1	5876	1	8	5	5858	5881	5869	87	97	92	0	32	15
N-J186	5662	0	1000	3970	88 Excellent	0	5877	0	0	0	5871	5889	5877	91	99	93	0	84	26
N-J188	5661	0	1000	1781	68 Excellent	0	5877	0	0	0	5871	5889	5877	91	99	94	0	100	50
N-J190	5661	0	1000	3899	88 Excellent	0	5877	0	0	0	5871	5889	5877	91	99	94	0	95	37
N-J194	5661	0	1000	3750	87 Excellent	0	5877	0	0	0	5871	5889	5877	91	99	94	0	100	50
N-J196	5661	3	1000	3914	88 Excellent	1	5878	1	6	3	5870	5889	5877	91	99	94	0	65	20
N-J198	5664	25	1000	4111	87 Excellent	8	5878	5	40	24	5870	5889	5877	89	97	92	0	66	22
N-J202	5668	0	1000	4491	86 Excellent	0	5878	0	0	0	5870	5889	5877	88	96	91	0	63	16
N-J204	5666	0	1000	2984	82 Excellent	0	5878	0	0	0	5870	5889	5877	89	97	92	0	100	50
N-J206	5662	0	1000	3373	86 Excellent	0	5878	0	0	0	5870	5889	5877	90	99	93	0	100	50
N-J208	5668	3	1000	4482	86 Excellent	1	5878	1	6	3	5870	5889	5877	88	96	91	0	63	17
N-J210	5669	3	1000	4529	86 Excellent	3	5878	3	3	3	5870	5889	5877	87	95	90	0	63	16
N-J212	5666	0	1000	4521	87 Excellent	0	5878	0	0	0	5870	5889	5877	89	97	92	0	25	4
N-J214	5667	42	1000	4541	87 Excellent	42	5878	42	42	42	5870	5889	5877	88	97	91	0	25	4
N-J216	5663	1	1000	4458	89 Excellent	0	5880	0	2	1	5871	5891	5878	90	99	93	0	1	1
N-J218	5662	0	1000	4364	89 Excellent	0	5881	0	0	0	5872	5892	5879	91	99	94	0	1	1
N-J220	5663	1	1000	4585	89 Excellent	0	5878	0	2	1	5870	5890	5877	90	98	93	0	1	1
N-J222	5660	0	1000	3871	88 Excellent	0	5880	0	0	0	5871	5891	5878	91	100	94	0	100	50
N-J224	5649	7	1000	4123	95 Excellent	2	5885	1	11	7	5874	5896	5883	98	107	101	0	1	1
N-J226	5650	14	1000	4135	94 Excellent	4	5887	3	22	13	5876	5898	5884	98	107	101	0	1	1
N-J228	5660	8	1000	4327	90 Excellent	2	5882	2	13	8	5872	5893	5880	92	101	95	0	1	1
N-J230	5652	14	1000	4016	93 Excellent	4	5884	3	22	13	5874	5895	5882	96	106	100	0	1	1
N-J232	5648	18	1000	3630	94 Excellent	5	5885	4	29	17	5874	5896	5883	98	108	102	0	1	1
N-J234	5654	8	1000	3208	89 Excellent	2	5884	2	13	8	5874	5895	5882	95	105	99	0	1	1
N-J236	5654	0	1000	2947	88 Excellent	0	5884	0	0	0	5874	5895	5882	95	104	99	0	100	50
N-J238	5659	7	1000	4482	90 Excellent	2	5878	1	11	7	5870	5889	5877	92	100	95	0	30	6
N-J240	5653	7	1000	4072	93 Excellent	2	5884	1	12	7	5873	5895	5881	95	105	99	0	1	1
N-J242	5652	11	1000	4096	93 Excellent	3	5887	2	17	10	5876	5898	5884	97	106	100	0	1	1
N-J244	5653	5	1000	4094	93 Excellent	1	5883	1	8	5	5873	5894	5881	95	105	99	0	1	1
N-J246	5655	2	1000	2503	83 Excellent	1	5881	0	4	2	5872	5892	5879	94	103	97	0	21	16
N-J256	5655	23	1000	3975	92 Excellent	7	5890	5	36	22	5878	5900	5886	97	106	100	0	1	1
N-J260	5651	10	1000	3419	93 Excellent	3	5898	2	16	10	5885	5908	5894	102	112	105	0	1	1
N-J262	5649	8	1000	3332	94 Excellent	3	5899	2	13	8	5886	5909	5895	103	113	107	0	0	0
N-J264	5646	0	1000	3602	96 Excellent	0	5900	0	0	0	5887	5910	5896	104	114	108	0	0	0
J122	5665	2	1000	4529	88 Excellent	0	5878	0	3	2	5870	5889	5877	89	97	92	0	32	6
J344	5650	6	1000	3447	94 Excellent	2	5898	1	9	6	5885	5908	5894	102	112	106	0	1	1
J346	5646	0	1000	3320	95 Excellent	0	5899	0	0	0	5886	5909	5895	104	114	108	0	0	0
J348	5647	0	1000	3299	94 Excellent	0	5898	0	0	0	5886	5909	5895	103	113	107	0	1	1
J352	5647	2	1000	3421	95 Excellent	0	5899	0	2	1	5886	5910	5895	104	114	108	0	0	0
J370	5694	0	1000	4547	112 Excellent	0	5972	0	0	0	5972	7674	6479	120	858	340	0	38	23
J372	5694	0	1000	4559	112 Excellent	0	5972	0	0	0	5972	7674	6479	120	858	340	0	38	22
J378	5695	0	1000	4005	74 Excellent	0	5876	0	0	0	5875	5886	5878	78	83	79	0	57	4
J380	5695	0	1000	4000	74 Excellent	0	5876	0	0	0	5875	5887	5878	78	83	79	0	75	7
J386	5694	0	1000	3822	72 Excellent	0	5875	0	0	0	5870	5877	5874	76	79	78	0	37	21
J388	5694	0	1000	4272	74 Excellent	0	5875	0	0	0	5870	5877	5874	76	79	78	0	37	20
J392	5693	3	1000	4321	74 Excellent	1	5875	1	6	3	5870	5877	5874	77	80	78	0	37	20
J396	5635	0	1000	1270	49 Excellent	0	5875	0	0	0	5854	5881	5867	95	107	101	0	100	50
J398	5633	0	1000	1356	56 Excellent	0	5875	0	0	0	5854	5881	5867	96	108	102	0	100	50
J400	5639	0	1000	1540	64 Excellent	0	5875	0	0	0	5854	5881	5867	93	105	99	0	100	50
J402	5644	0	1000	1680	68 Excellent	0	5875	0	0	0	5854	5881	5867	91	103	97	0	63	40
J488	5830	0	1000	2653	54 Excellent	0	5970	0	0	0	5970	7674	6479	61	799	281	0	38	23

J502	5642	8	1000	3483	97 Excellent	2	5895	2	13	8	5883	5906	5892	104	114	108	0	1	1
J586	5653	4	1000	2361	84 Excellent	1	5901	1	7	4	5888	5911	5897	102	112	106	0	4	2
J584	5655	3	1000	2065	78 Excellent	1	5901	1	6	3	5888	5911	5897	101	111	105	0	5	2
J580	5653	12	1000	1899	75 Excellent	4	5901	2	19	12	5888	5911	5897	102	112	105	0	6	2
J628	5724	3	1000	1728	74 Excellent	1	5966	1	5	3	5966	7674	6478	105	845	327	0	40	27
J630	5718	2	1000	1503	66 Excellent	1	5966	0	3	2	5966	7674	6478	107	847	329	0	45	29
J570	5651	0	1000	3712	94 Excellent	0	5901	0	0	0	5888	5911	5897	102	112	106	0	0	0
J574	5650	0	1000	3725	95 Excellent	0	5901	0	0	0	5888	5911	5897	103	113	107	0	0	0
J576	5654	1	1000	2535	85 Excellent	1	5901	1	1	1	5888	5911	5897	101	111	105	0	3	1
J582	5654	34	1000	1846	74 Excellent	10	5901	7	55	33	5888	5911	5897	102	112	105	0	6	3
J578	5652	0	1000	1780	72 Excellent	0	5901	0	0	0	5888	5911	5897	102	112	106	0	100	50
J592	5645	0	1000	3837	97 Excellent	0	5904	0	0	0	5892	5914	5901	107	117	111	0	0	0
J590	5637	0	1000	3989	101 Excellent	0	5905	0	0	0	5893	5915	5902	111	121	115	0	0	0
J594	5641	0	1000	3903	99 Excellent	0	5905	0	0	0	5892	5915	5901	109	119	113	0	0	0
J596	5638	0	1000	2562	92 Excellent	0	5905	0	0	0	5892	5915	5901	110	120	114	0	100	50
J598	5643	0	1000	3174	95 Excellent	0	5904	0	0	0	5892	5914	5901	108	117	111	0	0	0
J616	5644	0	1000	2042	82 Excellent	0	5904	0	0	0	5892	5914	5901	108	117	111	0	2	1
J614	5645	0	1000	1505	64 Excellent	0	5904	0	0	0	5892	5914	5901	107	117	111	0	4	3
J612	5645	0	1000	1516	64 Excellent	0	5904	0	0	0	5892	5914	5901	107	117	111	0	12	10
J610	5644	1	1000	2352	87 Excellent	0	5904	0	2	1	5892	5914	5901	107	117	111	0	22	15
J608	5644	0	1000	2326	86 Excellent	0	5904	0	0	0	5892	5914	5901	107	117	111	0	96	38
J606	5643	0	1000	2394	88 Excellent	0	5904	0	0	0	5892	5914	5901	108	117	111	0	48	23
J604	5640	0	1000	1466	63 Excellent	0	5904	0	0	0	5892	5914	5901	109	119	113	0	14	12
J602	5642	0	1000	2510	89 Excellent	0	5904	0	0	0	5892	5914	5901	108	118	112	0	9	7
J600	5642	0	1000	2512	90 Excellent	0	5904	0	0	0	5892	5914	5901	108	118	112	0	6	5
J622	5644	3	1000	2735	91 Excellent	3	5904	3	3	3	5892	5914	5901	108	117	111	0	5	4
J620	5643	0	1000	2545	90 Excellent	0	5904	0	0	0	5892	5914	5901	108	117	111	0	8	5
J618	5644	1	1000	2422	88 Excellent	0	5904	0	2	1	5892	5914	5901	107	117	111	0	10	7
J624	5643	3	1000	2447	89 Excellent	3	5904	3	3	3	5892	5914	5901	108	118	112	0	23	12
J626	5641	0	1000	2031	82 Excellent	0	5904	0	0	0	5892	5914	5901	109	118	112	0	100	50
J636	5664	19	1000	4560	88 Excellent	6	5878	4	30	18	5870	5890	5877	90	98	93	0	2	1
J638	5659	0	1000	4592	90 Excellent	0	5878	0	0	0	5870	5889	5877	91	100	94	0	38	9
J640	5662	0	1000	4594	89 Excellent	0	5878	0	0	0	5870	5889	5877	90	98	93	0	12	4

Pipe Output

AssetID	Length	Diameter	Roughness	Flow	Velocity	Headloss	UnitHeadloss	Pressure	Min Flow	Max Flow	Avg Flow	Min Velocity	Max Velocity	Avg Velocity	MinUnit Headloss	MaxUnit Headloss	AvgUnit Headloss	Min Pressure	Max Pressure	Avg Pressure	Min Quality	Max Quality	Avg Quality	Shape_Length
N-P101	31	8	140	0	0	0	0	94	0	0	0	0	0	0	0	0	0	91	99	94	0	98	49	30.633008
N-P103	225	8	140	0	0	0	0	92	0	0	0	0	0	0	0	0	0	89	97	92	0	100	50	224.505195
N-P105	68	8	140	0	0	0	0	94	0	0	0	0	0	0	0	0	0	91	99	94	0	100	50	67.544505
N-P107	505	8	140	20	0	0	0	94	0	57	40	0	0	0	0	0	0	90	99	93	0	66	21	505.436465
N-P109	1030	8	140	15	0	0	0	94	0	35	23	0	0	0	0	0	0	91	99	94	0	65	22	1029.756139
N-P111	748	8	140	0	0	0	0	91	0	0	0	0	0	0	0	0	0	88	96	91	0	100	50	747.878681
N-P113	102	8	140	0	0	0	0	94	0	0	0	0	0	0	0	0	0	90	99	93	0	100	50	101.689334
N-P115	696	8	140	10	0	0	0	93	0	53	34	0	0	0	0	0	0	90	98	93	0	68	26	695.715801
N-P117	254	8	140	23	0	0	0	92	0	147	92	0	1	1	0	0	0	88	97	91	0	66	22	254.206414
N-P121	35	8	140	133	1	0	0	92	108	145	123	1	1	1	0	0	0	89	97	92	0	25	4	35.088237
N-P123	689	12	140	276	1	0	0	91	0	289	118	0	1	0	0	0	0	88	96	91	0	62	14	688.628714
N-P125	1077	12	140	461	1	1	1	90	0	495	190	0	1	1	0	1	0	87	96	90	0	63	17	1076.904415
N-P127	506	12	140	1030	3	1	2	94	729	1051	866	2	3	2	1	2	2	90	99	94	0	1	1	506.294079
N-P129	462	12	140	1030	3	1	2	94	727	1051	864	2	3	2	1	2	2	90	98	93	0	1	1	462.015003
N-P131	220	8	140	0	0	0	0	94	0	0	0	0	0	0	0	0	0	91	99	94	0	100	50	220.111399
N-P133	293	8	140	523	3	1	5	102	457	526	485	3	3	3	4	5	4	98	107	101	0	1	1	293.416494
N-P135	618	8	140	501	3	3	4	99	395	508	441	3	3	3	3	5	4	94	103	98	0	1	1	617.906726
N-P137	351	6	140	15	0	0	0	103	0	16	8	0	0	0	0	0	0	98	107	102	0	3	2	350.813987
N-P139	56	6	140	0	0	0	0	100	0	0	0	0	0	0	0	0	0	95	105	99	0	97	49	56.196959
N-P141	542	6	140	148	2	1	2	101	127	149	136	1	2	2	1	2	2	97	106	100	0	1	1	541.976981
N-P143	588	6	140	168	2	1	2	103	147	169	156	2	2	2	2	2	2	98	107	102	0	1	1	588.216371
N-P145	317	8	140	22	0	0	0	94	4	55	41	0	0	0	0	0	0	91	99	94	0	25	5	317.190143
N-P153	924	8	140	376	2	2	3	102	315	380	342	2	2	2	2	3	2	97	106	100	0	1	1	923.649634
N-P155	352	6	140	145	2	1	2	100	114	148	128	1	2	1	1	2	1	95	105	99	0	1	1	351.586449
N-P157	144	12	140	1071	3	0	3	102	939	1078	997	3	3	3	2	3	2	97	107	101	0	1	1	144.291492
N-P159	548	8	140	407	3	2	3	101	339	411	369	2	3	2	2	3	3	97	106	100	0	1	1	547.810273
N-P161	74	8	140	550	4	0	5	100	443	557	490	3	4	3	4	5	4	95	105	99	0	1	1	73.921093
N-P165	726	6	140	67	1	0	0	100	45	69	55	1	1	1	0	0	0	96	105	100	0	1	1	725.835723
N-P167	776	6	140	58	1	0	0	99	45	59	51	1	1	1	0	0	0	95	104	98	0	2	2	776.065652
N-P169	616	6	140	6	0	0	0	99	0	18	10	0	0	0	0	0	0	95	104	98	0	6	2	615.780191
N-P171	363	8	140	362	2	1	2	99	277	368	315	2	2	2	1	2	2	95	104	98	0	1	1	363.003459
N-P173	332	8	140	366	2	1	2	97	250	374	303	2	2	2	1	3	2	93	102	96	0	1	1	331.574285
N-P175	787	8	140	187	1	1	1	101	157	188	170	1	1	1	1	1	1	96	105	100	0	1	1	787.476674
N-P177	981	8	140	115	1	0	0	101	88	116	100	1	1	1	0	0	0	97	106	100	0	1	1	980.701593
N-P179	1066	8	140	112	1	0	0	100	74	115	91	0	1	1	0	0	0	96	105	99	0	2	2	1065.598547
N-P181	972	8	140	167	1	1	1	97	101	172	132	1	1	1	0	1	0	93	102	97	0	3	2	972.057691
N-P183	374	12	140	1031	3	1	2	95	733	1052	868	2	3	2	1	2	2	91	100	95	0	1	1	374.272858
N-P185	570	12	140	474	1	0	1	92	118	483	286	0	1	1	0	1	0	89	97	92	0	2	2	570.152669
N-P187	2754	12	140	461	1	1	1	50	0	495	190	0	1	1	0	1	0	47	53	49	0	63	20	2753.73743
N-P189	46	8	140	188	1	0	1	91	0	209	137	0	1	1	0	1	0	88	96	90	0	63	16	45.920643
N-P191	30	8	140	188	1	0	1	91	0	209	137	0	1	1	0	1	0	88	96	91	0	63	16	30.052945
N-P99	703	6	140	0	0	0	0	94	0	0	0	0	0	0	0	0	0	91	99	94	0	100	50	703.195994
P101	732	6	140	34	0	0	0	93	31	136	90	0	2	1	0	2	1	86	96	91	0	13	4	731.71054
P103	485	6	140	27	0	0	0	94	26	101	69	0	1	1	0	1	0	86	96	91	0	13	4	485.455557
P105	895	6	140	38	0	0	0	93	35	156	103	0	2	1	0	2	1	86	96	91	0	13	4	895.45741
P107	690	6	140	55	1	0	0	93	45	281	175	1	3	2	0	6	3	87	95	91	0	13	4	690.249677
P109	79	4	140	8	0	0	0	94	0	28	14	0	1	0	0	1	0	86	97	91	0	32	15	79.433332
P11	270	6	140	26	0	0	0	89	23	74	51	0	1	1	0	1	0	84	90	87	0	29	12	270.169442
P111	641	6	140	19	0	0	0	92	17	84	54	0	1	1	0	1	0	84	95	89	0	32	15	641.392285
P113	378	6	140	12	0	0	0	94	0	108	61	0	1	1	0	1	0	86	96	91	0	32	16	377.764588
P115	185	4	140	4	0	0	0	93	4	4	4	0	0	0	0	0	0	86	96	90	0	32	16	184.769016
P117	318	6	140	25	0	0	0	94	7	160	94	0	2	1	0	2	1	86	96	91	0	32	15	318.378347
P119	443	6	140	32	0	0	0	93	11	193	114	0	2	1	0	3	1	86	95	90	0	32	14	443.381326

P121	312	6	140	44	0	0	0	92	33	238	146	0	3	2	0	5	2	86	94	90	0	32	14	311.518478
P123	213	6	140	56	1	0	0	91	47	291	182	1	3	2	0	7	3	86	94	89	0	32	14	212.753404
P125	313	6	140	167	2	1	2	93	143	345	279	2	4	3	2	9	6	88	96	92	0	13	4	312.876579
P127	431	8	140	110	1	0	0	92	19	244	94	0	2	1	0	1	0	87	95	90	0	13	4	431.20252
P129	1384	8	140	41	0	0	0	89	1	257	170	0	2	1	0	1	1	85	92	88	0	35	17	1384.106152
P13	457	6	140	2	0	0	0	93	1	8	5	0	0	0	0	0	0	88	94	91	0	31	16	457.410203
P131	987	6	140	28	0	0	0	89	0	228	138	0	3	2	0	4	2	84	92	88	0	35	17	987.12928
P133	37	8	140	78	0	0	0	88	55	266	175	0	2	1	0	1	1	83	90	86	0	35	15	36.539727
P135	598	8	140	84	1	0	0	87	0	295	188	0	2	1	0	2	1	83	89	86	0	38	19	598.035329
P137	175	6	140	5	0	0	0	81	3	24	15	0	0	0	0	0	0	77	83	80	0	38	20	175.348625
P139	897	6	140	17	0	0	0	81	0	97	65	0	1	1	0	1	0	77	82	79	0	38	19	897.416664
P141	847	8	140	55	0	0	0	84	1	224	156	0	1	1	0	1	1	80	85	82	0	38	19	847.202131
P143	430	8	140	68	0	0	0	80	0	344	233	0	2	1	0	2	1	76	81	79	0	37	20	429.577238
P145	142	8	140	67	0	0	0	79	0	350	236	0	2	2	0	2	1	76	80	78	0	37	20	142.169114
P147	1146	8	140	36	0	0	0	94	0	87	61	0	1	0	0	0	0	91	99	94	0	64	18	1145.879879
P149	44	8	140	156	1	0	1	92	127	188	169	1	1	1	0	1	1	88	97	91	0	25	4	44.352865
P15	310	6	140	2	0	0	0	92	2	13	8	0	0	0	0	0	0	87	93	90	0	29	13	309.620126
P151	694	6	140	128	1	1	1	102	100	130	113	1	1	1	1	1	1	97	106	100	0	1	1	693.788494
P153	122	6	140	34	0	0	0	89	0	92	64	0	1	1	0	1	0	84	91	87	0	20	6	121.614678
P155	128	6	140	47	1	0	0	89	0	108	46	0	1	1	0	1	0	85	91	88	0	20	6	127.81958
P157	419	6	140	2	0	0	0	89	0	48	27	0	1	0	0	0	0	85	91	88	0	17	6	419.193177
P159	62	6	140	62	1	0	0	89	17	143	68	0	2	1	0	2	1	85	91	88	0	13	5	62.403587
P161	255	6	140	45	1	0	0	91	14	102	50	0	1	1	0	1	0	86	93	89	0	13	5	254.592044
P163	270	4	140	18	0	0	0	87	18	64	46	0	2	1	0	3	2	83	89	86	0	38	19	269.583146
P165	222	10	140	294	1	0	1	93	159	587	371	1	2	2	0	2	1	89	96	92	0	13	4	222.276293
P167	164	8	140	136	1	0	0	92	75	275	175	0	2	1	0	1	1	88	96	91	0	13	4	163.714155
P169	404	8	140	146	1	0	0	92	73	301	184	0	2	1	0	2	1	87	95	90	0	13	4	403.935426
P17	431	6	140	20	0	0	0	90	8	70	34	0	1	0	0	0	0	86	92	89	0	29	12	431.023996
P171	446	8	140	163	1	0	1	91	76	344	207	0	2	1	0	2	1	86	93	89	0	13	4	445.879452
P173	874	8	140	131	1	0	0	89	38	285	147	0	2	1	0	2	1	85	92	88	0	13	4	873.983657
P175	62	8	140	163	1	0	1	88	0	366	122	0	2	1	0	2	1	83	90	86	0	34	7	61.817965
P177	619	8	140	85	1	0	0	87	1	305	189	0	2	1	0	2	1	83	89	86	0	38	19	618.736562
P179	1309	8	140	65	0	0	0	83	1	330	222	0	2	1	0	2	1	79	84	82	0	37	19	1308.555763
P181	356	6	140	103	1	0	1	92	55	215	136	1	2	2	0	4	2	88	95	91	0	13	4	356.407836
P183	235	4	140	25	1	0	0	92	12	52	31	0	1	1	0	2	1	87	95	90	0	13	4	235.400736
P185	547	6	140	2	0	0	0	85	1	8	5	0	0	0	0	0	0	85	825	307	0	40	26	547.021517
P187	427	6	140	6	0	0	0	77	4	29	18	0	0	0	0	0	0	77	817	299	0	39	25	427.045103
P189	340	6	140	9	0	0	0	72	6	47	28	0	1	0	0	0	0	72	812	294	0	38	25	340.252181
P19	392	6	140	18	0	0	0	93	0	68	26	0	1	0	0	0	0	89	95	92	0	30	12	391.503006
P193	299	6	140	12	0	0	0	80	8	65	39	0	1	0	0	0	0	80	820	302	0	38	24	299.362263
P195	393	6	140	10	0	0	0	89	6	52	31	0	1	0	0	0	0	89	829	311	0	39	25	392.985011
P197	159	4	140	2	0	0	0	78	1	12	7	0	0	0	0	0	0	78	818	300	0	39	26	159.07749
P199	384	6	140	5	0	0	0	84	4	29	18	0	0	0	0	0	0	84	824	306	0	39	25	383.620334
P201	203	6	140	1	0	0	0	96	1	5	3	0	0	0	0	0	0	96	836	318	0	39	26	203.287341
P203	91	6	140	0	0	0	0	78	0	0	0	0	0	0	0	0	0	74	80	77	0	99	50	90.99903
P205	389	6	140	27	0	0	0	84	0	83	39	0	1	0	0	1	0	80	85	82	0	38	19	388.542904
P207	563	6	140	2	0	0	0	78	2	13	8	0	0	0	0	0	0	74	80	77	0	38	23	562.785487
P209	228	4	140	2	0	0	0	95	1	9	6	0	0	0	0	0	0	95	835	317	0	39	25	227.788566
P21	268	4	140	1	0	0	0	74	0	3	2	0	0	0	0	0	0	71	75	73	0	38	23	268.011144
P211	127	6	140	3	0	0	0	90	2	16	10	0	0	0	0	0	0	90	830	312	0	39	25	127.431691
P213	375	4	140	3	0	0	0	99	2	17	10	0	0	0	0	0	0	99	839	321	0	39	26	374.927808
P217	155	6	140	7	0	0	0	94	5	37	22	0	0	0	0	0	0	94	834	316	0	39	25	155.415299
P219	748	4	140	4	0	0	0	79	3	20	12	0	1	0	0	0	0	79	819	301	0	39	25	748.290366
P221	391	6	140	7	0	0	0	89	5	37	22	0	0	0	0	0	0	89	829	311	0	39	25	391.208637
P223	521	6	140	12	0	0	0	77	8	62	37	0	1	0	0	0	0	77	817	299	0	39	25	521.1679
P227	996	10	140	549	2	2	2	29	0	552	3	0	2	0	0	2	0	29	399	140	0	100	50	995.736606
P229	446	10	140	570	2	1	2	63	14	570	72	0	2	0	0	2	0	63	803	285	0	38	25	445.961603
P23	328	8	140	40	0	0	0	96	27	214	129	0	1	1	0	1	0	86	98	92	0	23	11	328.186825
P231	531	10	140	597	2	1	2	65	32	597	157	0	2	1	0	2	0	65	804	286	0	38	24	531.049753
P233	948	10	140	598	2	2	2	121	33	598	162	0	2	1	0	2	0	121	858	340	0	38	21	947.632485
P243	419	6	140	8	0	0	0	81	0	225	138	0	3	2	0	4	2	78	82	80	0	37	21	418.571679

P247	182	6	140	51	1	0	0	91	20	108	60	0	1	1	0	1	0	87	94	90	0	13	4	182.144813
P249	293	6	140	52	1	0	0	92	33	107	74	0	1	1	0	1	1	88	95	91	0	13	4	293.070441
P25	367	6	140	18	0	0	0	95	12	92	56	0	1	1	0	1	0	86	98	91	0	23	11	366.688629
P251	613	6	140	48	1	0	0	93	23	104	61	0	1	1	0	1	0	88	95	91	0	13	4	613.36284
P253	269	6	140	30	0	0	0	90	26	66	53	0	1	1	0	0	0	86	93	89	0	13	4	269.467113
P255	123	4	140	21	1	0	0	90	13	44	29	0	1	1	0	1	1	86	93	89	0	13	4	122.582624
P257	574	4	140	20	0	0	0	90	10	43	25	0	1	1	0	1	1	85	92	88	0	13	5	574.136104
P259	849	6	140	55	1	0	0	90	22	119	66	0	1	1	0	1	0	85	92	88	0	13	5	849.066537
P261	998	4	140	8	0	0	0	89	8	23	16	0	1	0	0	0	0	85	91	88	0	20	6	997.687963
P263	305	6	140	55	1	0	0	89	29	144	82	0	2	1	0	2	1	84	91	87	0	15	5	305.178561
P265	612	6	140	55	1	0	0	88	12	161	70	0	2	1	0	2	1	83	90	86	0	17	6	612.017023
P267	944	6	140	20	0	0	0	85	0	81	45	0	1	1	0	1	0	81	87	84	0	38	19	944.166343
P269	463	4	140	2	0	0	0	88	2	12	7	0	0	0	0	0	0	83	89	86	0	38	20	462.55284
P27	253	6	140	2	0	0	0	97	1	12	7	0	0	0	0	0	0	87	99	93	0	24	15	252.871015
P271	383	4	140	11	0	0	0	86	10	33	22	0	1	1	0	1	0	82	88	85	0	38	19	383.447937
P273	525	4	140	7	0	0	0	85	2	31	10	0	1	0	0	1	0	80	86	83	0	38	19	525.078931
P275	149	6	140	25	0	0	0	84	19	106	68	0	1	1	0	1	1	79	85	82	0	38	19	149.110011
P277	678	6	140	3	0	0	0	84	0	185	114	0	2	1	0	3	1	80	85	82	0	37	20	678.366291
P279	269	4	140	1	0	0	0	83	1	8	5	0	0	0	0	0	0	78	84	81	0	38	21	268.656995
P281	543	6	140	3	0	0	0	82	0	61	39	0	1	0	0	0	0	78	83	81	0	38	20	543.404976
P283	443	6	140	9	0	0	0	83	0	44	22	0	0	0	0	0	0	79	84	82	0	38	20	442.751496
P285	317	6	140	8	0	0	0	95	0	43	17	0	0	0	0	0	0	91	97	94	0	38	19	317.435253
P287	259	6	140	7	0	0	0	97	7	24	19	0	0	0	0	0	0	92	98	95	0	33	15	259.494241
P289	551	6	140	4	0	0	0	97	0	21	6	0	0	0	0	0	0	92	98	95	0	38	17	551.2986
P29	706	6	140	16	0	0	0	96	11	85	51	0	1	1	0	1	0	86	98	92	0	23	11	705.744047
P291	400	6	140	2	0	0	0	95	0	26	17	0	0	0	0	0	0	91	97	94	0	38	20	399.607462
P293	66	8	140	4	0	0	0	93	0	59	40	0	0	0	0	0	0	89	94	91	0	38	20	65.699724
P295	234	6	140	12	0	0	0	88	0	118	67	0	1	1	0	1	1	83	89	86	0	38	20	233.972184
P297	492	6	140	15	0	0	0	94	15	52	39	0	1	0	0	0	0	89	95	92	0	38	20	491.607917
P299	504	6	140	3	0	0	0	95	0	23	9	0	0	0	0	0	0	90	96	93	0	39	20	504.478466
P301	523	6	140	5	0	0	0	95	5	25	17	0	0	0	0	0	0	91	97	94	0	38	21	523.302861
P303	1079	6	140	0	0	0	0	99	0	9	3	0	0	0	0	0	0	95	101	98	0	47	24	1078.935923
P305	482	6	140	2	0	0	0	101	0	14	9	0	0	0	0	0	0	97	103	100	0	53	27	482.315309
P307	613	6	140	4	0	0	0	97	0	21	13	0	0	0	0	0	0	92	98	95	0	50	25	612.837786
P309	580	6	140	7	0	0	0	93	0	65	40	0	1	0	0	0	0	88	94	91	0	38	22	580.234795
P31	1199	6	140	5	0	0	0	96	3	26	15	0	0	0	0	0	0	86	98	92	0	24	13	1198.661445
P311	553	6	140	12	0	0	0	87	0	89	53	0	1	1	0	1	0	82	88	85	0	38	22	553.462273
P313	699	6	140	14	0	0	0	83	0	178	106	0	2	1	0	3	1	79	84	81	0	37	21	698.753997
P319	978	12	140	0	0	0	0	43	0	1996	613	0	6	2	0	8	2	42	44	43	0	14	4	978.23229
P321	228	6	140	2	0	0	0	101	1	8	5	0	0	0	0	0	0	101	841	323	0	40	26	227.789269
P323	292	4	140	0	0	0	0	79	0	2	1	0	0	0	0	0	0	73	81	77	0	36	20	292.105248
P329	464	6	140	14	0	0	0	81	0	167	98	0	2	1	0	2	1	78	83	80	0	37	21	463.784491
P33	194	6	140	14	0	0	0	95	9	73	44	0	1	0	0	0	0	85	97	91	0	23	11	193.729097
P331	922	12	140	494	1	1	1	42	4	1365	846	0	4	2	0	4	2	41	43	42	0	37	20	921.761126
P335	2234	12	140	499	1	1	1	93	366	958	733	1	3	2	0	2	1	90	98	93	0	12	4	2233.859218
P337	1002	12	140	1074	3	3	3	102	955	1081	1007	3	3	3	2	3	2	97	106	100	0	1	1	1002.280856
P343	765	8	140	269	2	1	1	108	258	270	263	2	2	2	1	1	1	102	112	106	0	1	1	765.374537
P345	270	8	140	272	2	0	1	109	263	276	271	2	2	2	1	1	1	103	113	107	0	0	0	270.254111
P347	1208	8	140	167	1	1	1	109	157	167	161	1	1	1	1	1	1	103	113	107	0	1	1	1208.044959
P349	548	8	140	578	4	3	6	107	548	579	560	4	4	4	5	6	5	102	112	106	0	0	0	547.545185
P35	898	6	140	3	0	0	0	97	2	15	9	0	0	0	0	0	0	88	100	93	0	24	14	897.49912
P351	1336	8	140	574	4	8	6	104	528	576	548	3	4	4	5	6	5	99	109	103	0	0	0	1335.970562
P353	370	8	140	20	0	0	0	93	0	57	40	0	0	0	0	0	0	90	98	93	0	66	22	369.530362
P355	136	8	140	23	0	0	0	93	8	63	46	0	0	0	0	0	0	90	98	93	0	25	4	135.989965
P357	294	8	140	23	0	0	0	94	8	63	46	0	0	0	0	0	0	91	99	94	0	25	4	294.233319
P361	65	8	140	13	0	0	0	95	0	213	145	0	1	1	0	1	1	91	100	94	0	30	6	64.814778
P365	184	8	140	20	0	0	0	94	0	57	40	0	0	0	0	0	0	91	99	94	0	65	20	184.104676
P367	974	8	140	0	0	0	0	97	0	0	0	0	0	0	0	0	0	93	102	97	0	81	44	973.840263
P369	471	8	140	15	0	0	0	94	0	35	23	0	0	0	0	0	0	90	99	94	0	70	27	471.451598
P37	285	6	140	4	0	0	0	96	3	22	13	0	0	0	0	0	0	87	99	93	0	23	13	284.860372
P39	364	6	140	3	0	0	0	96	2	20	12	0	0	0	0	0	0	87	99	93	0	23	14	363.842023

P41	436	6	140	0	0	0	0	97	0	1	1	0	0	0	0	0	0	88	100	93	0	33	21	436.086286
P423	541	6	140	20	0	0	0	94	4	132	77	0	2	1	0	2	1	86	96	91	0	32	15	541.210996
P43	170	6	140	2	0	0	0	98	1	10	6	0	0	0	0	0	0	88	100	94	0	25	16	169.780109
P45	300	6	140	1	0	0	0	97	1	6	3	0	0	0	0	0	0	88	100	94	0	27	18	300.113143
P47	330	6	140	2	0	0	0	98	1	9	5	0	0	0	0	0	0	88	100	94	0	26	16	330.370965
P49	361	6	140	3	0	0	0	98	2	16	10	0	0	0	0	0	0	88	100	94	0	24	15	361.271585
P51	537	6	140	6	0	0	0	97	4	34	20	0	0	0	0	0	0	88	100	94	0	24	13	536.842681
P53	484	6	140	2	0	0	0	97	1	7	4	0	0	0	0	0	0	87	99	93	0	24	15	483.678164
P55	255	6	140	8	0	0	0	96	6	45	27	0	1	0	0	0	0	87	99	92	0	23	13	255.061251
P57	1048	6	140	5	0	0	0	98	3	26	16	0	0	0	0	0	0	88	100	94	0	24	14	1048.241738
P59	278	8	140	25	0	0	0	97	17	132	80	0	1	1	0	0	0	88	100	93	0	24	12	278.379199
P61	1424	8	140	28	0	0	0	96	19	148	89	0	1	1	0	0	0	87	99	92	0	23	11	1424.063814
P63	404	6	140	9	0	0	0	93	0	80	45	0	1	1	0	1	0	86	96	90	0	13	4	403.711664
P65	363	4	140	32	1	0	1	93	31	90	66	1	2	2	1	5	3	86	96	91	0	13	4	362.991132
P67	336	4	140	34	1	0	1	93	33	104	74	1	3	2	1	7	4	87	96	91	0	13	4	336.298689
P69	371	4	140	36	1	0	1	93	34	111	78	1	3	2	1	8	4	88	96	92	0	13	4	371.296038
P73	434	4	140	9	0	0	0	92	9	31	24	0	1	1	0	1	0	85	94	89	0	32	14	434.185652
P75	807	4	140	10	0	0	0	91	10	40	28	0	1	1	0	1	1	85	94	89	0	32	14	807.067599
P79	70	6	140	33	0	0	0	91	0	240	143	0	3	2	0	5	2	85	94	89	0	35	17	70.422651
P81	105	6	140	31	0	0	0	91	0	232	138	0	3	2	0	4	2	85	94	89	0	35	17	105.183326
P83	361	6	140	39	0	0	0	91	0	255	149	0	3	2	0	5	2	85	94	89	0	34	17	360.551773
P85	769	6	140	8	0	0	0	82	0	62	38	0	1	0	0	0	0	75	85	80	0	35	18	768.610179
P87	862	6	140	14	0	0	0	83	0	98	58	0	1	1	0	1	0	76	85	80	0	34	18	861.944909
P89	640	6	140	17	0	0	0	92	0	114	67	0	1	1	0	1	1	85	94	89	0	34	17	640.329659
P91	561	6	140	10	0	0	0	91	0	76	46	0	1	1	0	1	0	84	94	89	0	35	17	561.057796
P93	448	6	140	12	0	0	0	90	0	108	68	0	1	1	0	1	1	83	93	88	0	35	18	447.75149
P95	465	8	140	29	0	0	0	92	0	185	108	0	1	1	0	1	0	84	95	89	0	34	17	464.724808
P97	934	8	140	72	0	0	0	95	48	383	231	0	2	1	0	3	1	87	98	92	0	23	10	933.906968
P99	666	8	140	50	0	0	0	94	45	235	151	0	2	1	0	1	1	86	97	91	0	14	5	665.967381
P100	618	12	140	166	0	0	0	92	0	184	52	0	1	0	0	0	0	88	97	91	0	62	16	618.243128
P102	699	12	140	34	0	0	0	93	0	162	110	0	0	0	0	0	0	90	98	93	0	32	6	698.867599
P134	335	12	140	267	1	0	0	107	244	267	253	1	1	1	0	0	0	102	112	106	0	1	1	334.904295
P136	569	8	140	245	2	1	1	108	237	245	241	2	2	2	1	1	1	103	113	107	0	1	1	568.520026
P138	555	8	140	245	2	1	1	110	237	245	241	2	2	2	1	1	1	104	114	108	0	0	0	554.816765
P140	500	8	140	245	2	1	1	109	237	245	241	2	2	2	1	1	1	104	114	108	0	1	1	499.86321
P144	267	8	140	272	2	0	1	110	263	278	273	2	2	2	1	1	1	104	114	108	0	0	0	266.872686
P148	6	100	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	50	6.391497
P150	8	8	140	0	0	0	0	79	0	0	0	0	0	0	0	0	0	67	155	113	0	100	26	7.625011
P154	28	100	140	0	0	0	0	0	0	1019	423	0	0	0	0	0	0	0	0	0	0	14	4	28.394552
P158	16	100	140	0	0	0	0	0	0	996	189	0	0	0	0	0	0	0	0	0	0	19	7	16.114375
P162	1129	10	140	598	2	2	2	61	33	598	162	0	2	1	0	2	0	61	800	282	0	38	24	1129.487472
P164	175	10	140	598	2	0	2	120	33	598	162	0	2	1	0	2	0	120	858	340	0	38	23	175.286211
P166	576	8	140	0	0	0	0	78	0	996	189	0	6	1	0	16	3	-93	84	79	0	19	0	575.56813
P168	147	8	140	0	0	0	0	78	0	1019	423	0	6	3	0	16	7	-92	84	80	0	14	0	147.477412
P170	10	10	140	0	0	0	0	79	0	0	0	0	0	0	0	0	0	-92	83	80	0	89	46	9.691534
P172	10	10	140	0	0	0	0	79	0	1019	423	0	4	2	0	6	2	-92	83	80	0	14	4	9.782691
P174	26	12	140	0	0	0	0	78	0	1996	613	0	6	2	0	8	2	-7	83	79	0	74	9	26.453195
P176	14	10	140	0	0	0	0	78	0	1280	393	0	5	2	0	8	2	78	83	79	0	14	4	14.105937
P180	328	8	140	0	0	0	0	79	0	717	220	0	5	1	0	9	2	78	83	80	0	14	4	328.011131
P186	4	10	140	598	2	0	2	121	33	598	162	0	2	1	0	2	0	121	858	340	0	37	21	4.086981
P190	386	8	140	51	0	0	0	79	3	526	337	0	3	2	0	5	2	76	80	78	0	37	20	386.369422
P194	4	10	140	598	2	0	2	78	33	598	162	0	2	1	0	2	0	76	79	78	0	37	21	4.095699
P198	475	8	140	0	0	0	0	98	0	0	0	0	0	0	0	0	0	88	100	94	0	38	28	474.931
P200	884	8	140	0	0	0	0	101	0	0	0	0	0	0	0	0	0	92	104	98	0	100	50	883.699278
P202	1622	8	140	0	0	0	0	104	0	0	0	0	0	0	0	0	0	94	106	100	0	100	50	1621.521163
P204	774	8	140	0	0	0	0	105	0	0	0	0	0	0	0	0	0	95	107	101	0	100	50	774.134232
P206	16	12	140	104	0	0	0	79	6	1101	706	0	3	2	0	3	1	77	80	78	0	37	20	16.44072
P208	351	10	140	598	2	1	2	79	33	598	162	0	2	1	0	2	0	76	80	78	0	37	20	350.63327
P210	318	10	140	0	0	0	0	79	0	1280	393	0	5	2	0	8	2	78	83	80	0	14	4	318.217538
P306	552	10	120	598	2	2	3	90	33	598	162	0	2	1	0	3	0	90	828	311	0	38	23	551.753241
P308	468	10	120	55	0	0	0	79	2	570	366	0	2	2	0	3	1	76	80	78	0	37	20	468.435652

P316	531	8	140	509	3	2	5	109	473	511	489	3	3	3	4	5	4	103	113	107	0	1	1	530.901423
P324	28	10	120	55	0	0	0	79	2	570	366	0	2	2	0	3	1	76	80	78	0	37	20	28.058753
P326	1031	8	120	1	0	0	0	96	1	4	2	0	0	0	0	0	0	92	101	96	0	14	9	1030.571133
P328	953	8	120	507	3	6	6	106	461	509	481	3	3	3	5	6	5	100	110	104	0	1	1	952.595048
P396	227	12	120	746	2	0	2	108	707	746	723	2	2	2	2	2	2	102	112	106	0	0	0	227.206732
P406	191	12	120	746	2	0	2	108	707	746	723	2	2	2	2	2	2	103	113	107	0	0	0	191.120354
P410	786	8	120	17	0	0	0	108	12	87	53	0	1	0	0	0	0	102	112	106	0	2	1	785.982431
P412	237	8	120	16	0	0	0	107	11	86	52	0	1	0	0	0	0	101	112	105	0	3	1	237.469611
P414	499	8	120	15	0	0	0	107	10	79	48	0	1	0	0	0	0	101	112	105	0	4	2	499.483145
P416	403	8	120	14	0	0	0	107	9	74	44	0	0	0	0	0	0	101	111	105	0	5	2	403.490572
P418	146	8	120	10	0	0	0	107	7	55	33	0	0	0	0	0	0	102	112	105	0	6	3	145.635088
P420	370	8	120	0	0	0	0	108	0	0	0	0	0	0	0	0	0	102	112	106	0	100	50	370.014508
P422	1878	12	120	763	2	3	2	111	735	804	776	2	2	2	2	2	2	105	115	109	0	0	0	1878.014655
P424	305	12	120	1120	3	1	4	116	1080	1175	1137	3	3	3	3	4	4	110	120	114	0	0	0	305.137294
P426	299	12	120	770	2	1	2	115	742	814	785	2	2	2	2	2	2	110	120	114	0	0	0	298.737963
P428	226	12	120	770	2	0	2	113	742	814	785	2	2	2	2	2	2	108	118	112	0	0	0	225.52869
P430	917	8	120	0	0	0	0	115	0	0	0	0	0	0	0	0	0	110	119	113	0	100	50	916.973438
P432	79	6	120	7	0	0	0	113	7	10	9	0	0	0	0	0	0	107	117	111	0	0	0	78.63131
P434	73	4	120	1	0	0	0	113	1	1	1	0	0	0	0	0	0	108	117	111	0	1	1	73.423583
P436	174	4	120	1	0	0	0	113	1	1	1	0	0	0	0	0	0	107	117	111	0	3	2	173.761214
P438	572	4	120	1	0	0	0	112	1	1	1	0	0	0	0	0	0	107	117	111	0	9	7	571.886657
P440	201	4	120	1	0	0	0	113	1	1	1	0	0	0	0	0	0	107	117	111	0	13	11	200.877307
P442	106	6	120	1	0	0	0	113	0	1	0	0	0	0	0	0	0	107	117	111	0	84	30	106.309718
P444	300	6	120	1	0	0	0	113	0	1	0	0	0	0	0	0	0	108	117	111	0	55	31	300.458562
P446	548	4	120	0	0	0	0	114	0	1	1	0	0	0	0	0	0	108	118	112	0	19	16	547.644313
P448	305	4	120	0	0	0	0	114	0	1	1	0	0	0	0	0	0	109	118	112	0	11	9	304.836777
P450	202	6	120	1	0	0	0	114	1	3	2	0	0	0	0	0	0	108	118	112	0	7	6	202.304744
P452	464	6	120	1	0	0	0	113	1	3	2	0	0	0	0	0	0	108	118	112	0	3	3	463.895519
P454	197	6	120	5	0	0	0	113	4	7	6	0	0	0	0	0	0	108	117	111	0	1	1	196.948726
P456	95	6	120	1	0	0	0	113	1	3	2	0	0	0	0	0	0	108	117	111	0	6	5	94.531247
P458	120	6	120	1	0	0	0	113	1	3	2	0	0	0	0	0	0	108	117	111	0	9	6	119.71703
P460	386	6	120	1	0	0	0	113	0	1	1	0	0	0	0	0	0	107	117	111	0	16	13	386.036971
P462	220	6	120	2	0	0	0	113	2	3	2	0	0	0	0	0	0	108	118	112	0	6	5	220.389043
P464	172	6	120	1	0	0	0	113	0	1	1	0	0	0	0	0	0	108	118	112	0	36	26	172.313451
P466	192	6	120	0	0	0	0	114	0	0	0	0	0	0	0	0	0	108	118	112	0	99	50	191.959758
P468	473	6	120	2	0	0	0	113	1	2	2	0	0	0	0	0	0	108	118	112	0	12	10	472.615136
P470	9	6	140	0	0	0	0	105	0	0	0	0	0	0	0	0	0	105	845	327	0	73	43	9.056732
P472	273	6	120	1	0	0	0	106	0	3	2	0	0	0	0	0	0	106	846	328	0	42	28	273.420228
P480	143	8	120	20	0	0	0	62	13	104	63	0	1	0	0	0	0	62	802	284	0	39	25	143.159305
P482	119	8	120	23	0	0	0	71	16	125	75	0	1	0	0	0	0	71	810	293	0	38	24	118.729757
P484	172	12	140	480	1	0	1	93	146	487	304	0	1	1	0	1	0	90	98	93	0	1	1	171.826511
P488	306	8	140	15	0	0	0	95	0	203	140	0	1	1	0	1	0	91	100	94	0	30	6	305.982941
P490	607	12	140	550	2	0	1	93	461	676	559	1	2	2	1	1	1	90	98	93	0	1	1	606.775922
P492	194	12	120	51	0	0	0	94	0	284	197	0	1	1	0	0	0	91	99	94	0	38	9	193.500491
P494	1884	8	120	350	2	6	3	113	338	361	352	2	2	2	3	3	3	108	117	111	0	0	0	1883.783754

Tank Output

AssetID	Elevation	Diameter	InitLevel	Flow	Head	Pressure	Quality
NSU	5855	60	21	461	5876	9	0
500K	5862	154	14	-494	5876	6	0
250K	5950	54	14	549	5964	6	0

APPENDIX E

Water Quality Data

2023 Annual Water Quality Report
Town of Alpine
PWS WY5600156

Spanish (Espanol)

Este informe contiene informacion muy importante sobre la calidad de su agua beber. Traduscalo o hable con alguien que lo entienda bien.

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water source consists of three ground water wells.

Source water assessment and its availability

Information can be obtained at the Alpine Town Hall Office, the Town of Alpine website page, and the Alpine Public Library.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water

Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

If you want to learn more, please attend any of our regularly scheduled town council meetings. They are held the 3rd Tuesday of every month at the town council chambers located at 250 River Circle, Alpine, Wyoming. Material is available at the Town Hall Office Building, on the Town of Alpine website.

Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Take short showers - a 5-minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.

- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and ensuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below, please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/ Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to

River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Monitoring and reporting of compliance data violations

Monitoring Chlorine
Violation Period: 10/01/2023 to 12/31/2023

We failed to complete all the required tests of our drinking water for this contaminant and period indicated.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Town of Alpine, WY is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Additional Information for Arsenic

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of

drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl2) (ppm)	4	4	0.57	ND	0.57	2023	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	4.7	0.68	4.7	2023	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	8.6	3.2	8.6	2023	No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.1	NA	NA	2021	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	0.3	NA	NA	2021	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	0.45	NA	NA	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Sodium (optional) (ppm)	NA		3	NA	NA	2021	No	Erosion of natural deposits; Leaching
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	4	NA	NA	2019	No	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	0.8	NA	NA	2019	No	Erosion of natural deposits
Uranium (ug/L)	0	30	0.6	NA	NA	2019	No	Erosion of natural deposits

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.188	2023	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	2	2023	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
1,1,1-Trichloroethane (ppb)	200	200	ND	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb)	3	5	ND	No	Discharge from industrial chemical factories
1,1-Dichloroethylene (ppb)	7	7	ND	No	Discharge from industrial chemical factories
1,2,4-Trichlorobenzene (ppb)	70	70	ND	No	Discharge from textile-finishing factories
1,2-Dichloroethane (ppb)	0	5	ND	No	Discharge from industrial chemical factories
1,2-Dichloropropane (ppb)	0	5	ND	No	Discharge from industrial chemical factories
2,4,5-TP (Silvex) (ppb)	50	50	ND	No	Residue of banned herbicide
2,4-D (ppb)	70	70	ND	No	Runoff from herbicide used on row crops
Antimony (ppb)	6	6	ND	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	ND	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Atrazine (ppb)	3	3	ND	No	Runoff from herbicide used on row crops
Benzene (ppb)	0	5	ND	No	Discharge from factories; Leaching from gas storage tanks and landfills
Benzo(a)pyrene (ppt)	0	200	ND	No	Leaching from linings of water storage tanks and distribution lines

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
Beryllium (ppb)	4	4	ND	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	ND	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Carbofuran (ppb)	40	40	ND	No	Leaching of soil fumigant used on rice and alfalfa
Carbon Tetrachloride (ppb)	0	5	ND	No	Discharge from chemical plants and other industrial activities
Chlordane (ppb)	0	2	ND	No	Residue of banned termiticide
Chlorobenzene (monochlorobenzene) (ppb)	100	100	ND	No	Discharge from chemical and agricultural chemical factories
Chromium (ppb)	100	100	ND	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide (ppb)	200	200	ND	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Dalapon (ppb)	200	200	ND	No	Runoff from herbicide used on rights of way
Di (2-ethylhexyl) adipate (ppb)	400	400	ND	No	Discharge from chemical factories
Di (2-ethylhexyl) phthalate (ppb)	0	6	ND	No	Discharge from rubber and chemical factories
Dibromochloropropane (DBCP) (ppt)	0	200	ND	No	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards
Dichloromethane (ppb)	0	5	ND	No	Discharge from pharmaceutical and chemical factories
Dinoseb (ppb)	7	7	ND	No	Runoff from herbicide used on soybeans and vegetables
Dioxin (2,3,7,8-TCDD) (ppq)	0	30	ND	No	Emissions from waste incineration and other combustion; Discharge from chemical factories
Diquat (ppb)	20	20	ND	No	Runoff from herbicide use
Endothall (ppb)	100	100	ND	No	Runoff from herbicide use
Endrin (ppb)	2	2	ND	No	Residue of banned insecticide
Ethylbenzene (ppb)	700	700	ND	No	Discharge from petroleum refineries
Ethylene dibromide (ppt)	0	50	ND	No	Discharge from petroleum refineries
Glyphosate (ppb)	700	700	ND	No	Runoff from herbicide use
Heptachlor (ppt)	0	400	ND	No	Residue of banned pesticide
Heptachlor epoxide (ppt)	0	200	ND	No	Breakdown of heptachlor

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
Hexachlorobenzene (ppb)	0	1	ND	No	Discharge from metal refineries and agricultural chemical factories
Hexachlorocyclopentadiene (ppb)	50	50	ND	No	Discharge from chemical factories
Mercury [Inorganic] (ppb)	2	2	ND	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Methoxychlor (ppb)	40	40	ND	No	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock
Oxamyl [Vydate] (ppb)	200	200	ND	No	Runoff/leaching from insecticide used on apples, potatoes and tomatoes
PCBs [Polychlorinated biphenyls] (ppt)	0	500	ND	No	Runoff from landfills; Discharge of waste chemicals
Pentachlorophenol (ppb)	0	1	ND	No	Discharge from wood preserving factories
Picloram (ppb)	500	500	ND	No	Herbicide runoff
Radium (combined 226/228) (pCi/L)	0	5	ND	No	Erosion of natural deposits
Selenium (ppb)	50	50	ND	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Simazine (ppb)	4	4	ND	No	Herbicide runoff
Styrene (ppb)	100	100	ND	No	Discharge from rubber and plastic factories; Leaching from landfills
Tetrachloroethylene (ppb)	0	5	ND	No	Discharge from factories and dry cleaners
Thallium (ppb)	.5	2	ND	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Toluene (ppm)	1	1	ND	No	Discharge from petroleum factories
Toxaphene (ppb)	0	3	ND	No	Runoff/leaching from insecticide used on cotton and cattle
Trichloroethylene (ppb)	0	5	ND	No	Discharge from metal degreasing sites and other factories
Uranium (ug/L)	0	30	ND	No	Erosion of natural deposits
Vinyl Chloride (ppb)	0	2	ND	No	Leaching from PVC piping; Discharge from plastics factories
Xylenes (ppm)	10	10	ND	No	Discharge from petroleum factories; Discharge from chemical factories
cis-1,2-Dichloroethylene (ppb)	70	70	ND	No	Discharge from industrial chemical factories
o-Dichlorobenzene (ppb)	600	600	ND	No	Discharge from industrial chemical factories

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Violation	Typical Source
p-Dichlorobenzene (ppb)	75	75	ND	No	Discharge from industrial chemical factories
trans-1,2-Dichloroethylene (ppb)	100	100	ND	No	Discharge from industrial chemical factories

Unit Descriptions	
Term	**Definition**
ug/L	ug/L : Number of micrograms of substance in one liter of water
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
ppt	ppt: parts per trillion, or nanograms per liter
ppq	ppq: parts per quadrillion, or picograms per liter
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
% positive samples/month	% positive samples/month: Percent of samples taken monthly that were positive
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required but recommended.

Important Drinking Water Definitions	
Term	**Definition**
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Craig Leseberg, Water Operator
Address: 250 River Circle / P.O. Box 3070
Alpine, WY 83128
Phone: 307-654-7757

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Sunrise Engineering Inc
Project: Alpine Lakes
Lab ID: C18110490-001
Client Sample ID: Alpine Lakes Well #1 Hydrant East of Wellhouse

Revised Date: 01/28/19
Report Date: 12/06/18
Collection Date: 11/14/18 13:20
DateReceived: 11/15/18
Matrix: Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	233	mg/L		5		A2320 B	11/19/18 10:36 / ljl
Chloride	2	mg/L		1		E300.0	11/18/18 01:32 / ljl
Fluoride	ND	mg/L		0.1		A4500-F C	11/16/18 16:45 / ljl
Sulfate	3	mg/L		1		E300.0	11/18/18 01:32 / ljl
INORGANICS							
Cyanide, Total	ND	mg/L		0.003	0.2	E335.4	11/20/18 12:42 / eli-b
PHYSICAL PROPERTIES							
Conductivity @ 25 C	430	umhos/cm		5		A2510 B	11/16/18 14:16 / kjp
Hardness as CaCO3	239	mg/L		4		A2340 B	11/26/18 14:17 / mav
pH	7.60	s.u.	H	0.01		A4500-H B	11/16/18 14:16 / kjp
pH Measurement Temp	15	°C				A4500-H B	11/16/18 14:16 / kjp
Solids, Total Dissolved TDS @ 180 C	240	mg/L	D	10		A2540 C	11/19/18 09:14 / kjp
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	0.46	mg/L		0.01		E353.2	11/19/18 11:49 / dmb
METALS, TOTAL							
Antimony	ND	mg/L		0.001	0.006	E200.8	11/27/18 15:03 / eli-b
Arsenic	ND	mg/L		0.001	0.01	E200.8	11/27/18 15:03 / eli-b
Barium	ND	mg/L		0.05	2	E200.7	11/26/18 14:17 / eli-b
Beryllium	ND	mg/L		0.001	0.004	E200.7	11/26/18 14:17 / eli-b
Cadmium	ND	mg/L		0.001	0.005	E200.8	11/27/18 15:03 / eli-b
Calcium	61	mg/L		1		E200.7	11/26/18 14:17 / eli-b
Chromium	ND	mg/L		0.005	0.1	E200.8	11/27/18 15:03 / eli-b
Copper	ND	mg/L		0.01	1.3	E200.8	12/03/18 14:49 / jcg
Lead	ND	mg/L		0.001	0.015	E200.8	12/03/18 14:49 / jcg
Magnesium	21	mg/L		1		E200.7	11/26/18 14:17 / eli-b
Mercury	ND	mg/L	H	0.0001	0.002	E245.1	01/24/19 13:03 / eli-b
Nickel	ND	mg/L		0.01		E200.7	11/27/18 12:38 / eli-b
Potassium	ND	mg/L		1		E200.7	11/27/18 12:38 / eli-b
Selenium	ND	mg/L		0.001	0.05	E200.8	11/27/18 15:03 / eli-b
Sodium	2	mg/L		1		E200.7	11/26/18 14:17 / eli-b
Thallium	ND	mg/L		0.0005	0.002	E200.8	11/27/18 15:03 / eli-b
RADIONUCLIDES, TOTAL							
Gross Alpha	-0.8	pCi/L	U			E900.0	11/27/18 15:36 / trs
Gross Alpha precision (±)	1.3	pCi/L				E900.0	11/27/18 15:36 / trs
Gross Alpha MDC	1.4	pCi/L				E900.0	11/27/18 15:36 / trs

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix.
U - Not detected at minimum detectable concentration

№ 10924

BACTERIOLOGICAL WATER ANALYSIS

Lincoln Water Quality Lab
P.O. Box 310 Afton, WY 83110 (307) 885-0566 or (307) 885-9698

TYPE SUPPLY ☐ PUBLIC ☐ SWIMMING POOL ☐ PARK SERVICE ☐ FOOD EST
☒ PRIVATE ☐ FOREST SERVICE ☐ SCHOOL ☐ MISC.
TYPE SUPPLY ☐ REGULAR ☐ REPEAT ☐ OTHER THIOSULFATE USED ☐ YES ☒ NO

SAMPLE LOCATION Alpine Lakes (Hydrant on 12" Line) #2
COLLECTED BY Jake Clark TIME 3:10pm DATE 12-19-18
(SAMPLES MORE THAN 48 HOURS OLD WILL NOT BE TESTED)
RELINQUISHED BY Jake Clark TIME 4:09 DATE 12-19-18
SEND REPORT TO Kilroy LLC
STREET OR POST OFFICE BOX [redacted] P.O. Box 709
CITY Afton STATE WY ZIP 83110
PHONE 307-886-0600
EPA PWS No. _____ C
SAMPLE No. 58

FOR LABORATORY USE ONLY

SAMPLE CONDITION ☒ GOOD ☐ DAMAGED ☐ INSUFFICIENT ☐ OLD
SAMPLE ID# _____ DATE RECEIVED 12/19/18 TIME 1605
RESAMPLE REF.# _____ ANALYSIS DATE START 12/19/18 TIME 1612
ANALYSIS DATE FINISH 12/20/18 TIME 1705

☐ MPA ☒ FECAL ☒ TOTAL Coliscire ☐ SPC ☐ OTHER _____

LTB 24 HR _____ 48 HR _____ BGLB 24 HR _____ 48 HR _____
EC 24 HR _____
FINAL ANALYSIS ☒ SAFE ☐ UNSAFE ☐ NOT TESTED ☐ RESAMPLE

REMARKS _____ RJB ANALYST

Original - Lab Pink Copy - Vendor Yellow copy - EPA Gold Copy - Include with sample FEE $ 37.00

№ 10923

BACTERIOLOGICAL WATER ANALYSIS

Lincoln Water Quality Lab
P.O. Box 310 Afton, WY 83110 (307) 885-0566 or (307) 885-9698

TYPE SUPPLY ☐ PUBLIC ☐ SWIMMING POOL ☐ PARK SERVICE ☐ FOOD EST
☒ PRIVATE ☐ FOREST SERVICE ☐ SCHOOL ☐ MISC.
TYPE SUPPLY ☐ REGULAR ☐ REPEAT ☐ OTHER THIOSULFATE USED ☐ YES ☒ NO

SAMPLE LOCATION Alpine Lake (Northern Most Fishing Lake in HI)
COLLECTED BY Jake Clark TIME 3:01pm DATE 12-19-18
(SAMPLES MORE THAN 48 HOURS OLD WILL NOT BE TESTED)
RELINQUISHED BY Jake Clark TIME 4:09 DATE 12-19-18
SEND REPORT TO Kelley LLC
STREET OR POST OFFICE BOX P.O. Box 779
CITY Afton STATE WY ZIP 83110
PHONE 307-886-0600

EPA PWS No. _____ C
SAMPLE No. 57

FOR LABORATORY USE ONLY

SAMPLE CONDITION ☒ GOOD ☐ DAMAGED ☐ INSUFFICIENT ☐ OLD
SAMPLE ID# _____ DATE RECEIVED 12/19/18 TIME 1605
RESAMPLE REF.# _____ ANALYSIS DATE START 12/19/18 TIME 1612
ANALYSIS DATE FINISH 12/20/18 TIME 1705

☐ MPA ☒ FECAL ☒ TOTAL Colisure ☐ SPC ☐ OTHER _____

LTB 24 HR _____ 48 HR _____ BGLB 24 HR _____ 48 HR _____
EC 24 HR _____

FINAL ANALYSIS ☒ SAFE ☐ UNSAFE ☐ NOT TESTED ☐ RESAMPLE

REMARKS _____ RJB ANALYST

Original - Lab Pink Copy - Vendor Yellow copy - EPA Gold Copy - Include with sample FEE $ 37.00

№ 10930

BACTERIOLOGICAL WATER ANALYSIS

Lincoln Water Quality Lab
P.O. Box 310 Afton, WY 83110 (307) 885-0566 or (307) 885-9698

TYPE SUPPLY ☐ PUBLIC ☐ SWIMMING POOL ☐ PARK SERVICE ☐ FOOD EST
☒ PRIVATE ☐ FOREST SERVICE ☐ SCHOOL ☐ MISC.
TYPE SUPPLY ☐ REGULAR ☐ REPEAT ☐ OTHER THIOSULFATE USED ☐ YES ☒ NO

SAMPLE LOCATION Alpine Lakes (4" Line)
COLLECTED BY Jake Clark TIME 3:45 DATE 1-3-19
(SAMPLES MORE THAN 48 HOURS OLD WILL NOT BE TESTED)
RELINQUISHED BY Jake Clark TIME 3:57 DATE 1-3-19
SEND REPORT TO Kluy LLC
STREET OR POST OFFICE BOX P.O. Box 789
CITY Afton STATE WY ZIP 83110
PHONE 307-886-0600

EPA PWS No. _____ C
SAMPLE No. 1

FOR LABORATORY USE ONLY

SAMPLE CONDITION ☒ GOOD ☐ DAMAGED ☐ INSUFFICIENT ☐ OLD
SAMPLE ID# _____ DATE RECEIVED 1/3/19 TIME 1910
RESAMPLE REF.# _____ ANALYSIS DATE START 1/3/19 TIME 1912
ANALYSIS DATE FINISH 1/04/19 TIME 1919

☐ MPA ☒ FECAL ☒ TOTAL Coliscure ☐ SPC ☐ OTHER

LTB 24 HR _____ 48 HR _____ BGLB 24 HR _____ 48 HR _____
EC 24 HR _____

FINAL ANALYSIS ☒ SAFE ☐ UNSAFE ☐ NOT TESTED ☐ RESAMPLE

REMARKS _____ RBB ANALYST

Original - Lab Pink Copy - Vendor Yellow copy - EPA Gold Copy - Include with sample FEE $ 37.00

(2)

№ 10857

BACTERIOLOGICAL WATER ANALYSIS

Lincoln Water Quality Lab
P.O. Box 310 Afton, WY 83110 (307) 885-0566 or (307) 885-9698

TYPE SUPPLY ☐ PUBLIC ☐ SWIMMING POOL ☐ PARK SERVICE ☐ FOOD EST
☒ PRIVATE ☐ FOREST SERVICE ☐ SCHOOL ☐ MISC.
TYPE SUPPLY ☐ REGULAR ☐ REPEAT ☐ OTHER THIOSULFATE USED ☐ YES ☒ NO

SAMPLE LOCATION Alpine Lakes (Well House 2nd Test)
COLLECTED BY Jake Clark TIME 9:45 am DATE 12-17-18
(SAMPLES MORE THAN 48 HOURS OLD WILL NOT BE TESTED)
RELINQUISHED BY Jake Clark TIME 3:33 DATE 12-17-18
SEND REPORT TO Kilroy LLC
STREET OR POST OFFICE BOX P.O. Box 729
CITY Afton STATE WY ZIP 83110
PHONE 307-886-0600

EPA PWS No. _____ C
SAMPLE No. 48

FOR LABORATORY USE ONLY

SAMPLE CONDITION ☒ GOOD ☐ DAMAGED ☐ INSUFFICIENT ☐ OLD
SAMPLE ID# _____ DATE RECEIVED 12/17/18 TIME 1558
RESAMPLE REF.# _____ ANALYSIS DATE START 12/17/18 TIME 1600
ANALYSIS DATE FINISH 12/18/18 TIME 1600

☐ MPA ☐ FECAL ☐ TOTAL Chlorine ☐ SPC ☐ OTHER _____

LTB 24 HR _____ 48 HR _____ BGLB 24 HR _____ 48 HR _____
EC 24 HR _____

FINAL ANALYSIS ☒ SAFE ☐ UNSAFE ☐ NOT TESTED ☐ RESAMPLE

REMARKS _____ RBB ANALYST

Original - Lab Pink Copy - Vendor Yellow copy - EPA Gold Copy - Include with sample FEE $ 37.00

(1)

№ 10856

BACTERIOLOGICAL WATER ANALYSIS

Lincoln Water Quality Lab

P.O. Box 310 Afton, WY 83110 (307) 885-0566 or (307) 885-9698

TYPE SUPPLY ☐ PUBLIC ☐ SWIMMING POOL ☐ PARK SERVICE ☐ FOOD EST
☒ PRIVATE ☐ FOREST SERVICE ☐ SCHOOL ☐ MISC.

TYPE SUPPLY ☐ REGULAR ☐ REPEAT ☐ OTHER THIOSULFATE USED ☐ YES ☒ NO

SAMPLE LOCATION Alpine Lakes (Well House 1st Test)

COLLECTED BY Jake Clark TIME 8:45 DATE 12-17-18
(SAMPLES MORE THAN 48 HOURS OLD WILL NOT BE TESTED)

RELINQUISHED BY Jake Clark TIME 3:32 DATE 12-17-18

SEND REPORT TO Kiroy LLC

STREET OR POST OFFICE BOX [redacted] P.O. Box 779

CITY Afton STATE WY ZIP 83110

PHONE 307-886-0600

EPA PWS No. _____ C

SAMPLE No. 47

FOR LABORATORY USE ONLY

SAMPLE CONDITION ☒ GOOD ☐ DAMAGED ☐ INSUFFICIENT ☐ OLD

SAMPLE ID# _____ DATE RECEIVED 12/17/18 TIME 1558

RESAMPLE REF.# _____ ANALYSIS DATE START 12/17/18 TIME 1600

ANALYSIS DATE FINISH 12/18/18 TIME 1600

☐ MPA ☒ FECAL ☒ TOTAL Colisure ☐ SPC ☐ OTHER

LTB 24 HR _____ 48 HR _____ BGLB 24 HR _____ 48 HR _____

EC 24 HR _____

FINAL ANALYSIS ☒ SAFE ☐ UNSAFE ☐ NOT TESTED ☐ RESAMPLE

REMARKS _____ RJB
ANALYST

Original - Lab Pink Copy - Vendor Yellow copy - EPA Gold Copy - Include with sample FEE $ 37.00

2015 Annual Water Quality Report

North Star Utility

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water source consists of three ground water wells.

Source water assessment and its availability

We did not participate in the voluntary Source Water Assessment program.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity:
microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Public Town Council meetings are held on the 3rd Tuesday of each month at the Town Council Chambers located at 250 River Circle in Alpine, Wyoming. Material is always available at the Town Hall, Town of Alpine website, or the Alpine Public Library.

Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/ Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides - they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste - Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. North Star Utility is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Haloacetic Acids (HAA5) (ppb)	NA	60	.9	NA		2015	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	4.08	NA		2015	No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	.3	NA		2011	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	.3	NA		2011	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	1.3	NA		2015	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Sodium (optional) (ppm)	NA		7.4	NA		2011	No	Erosion of natural deposits; Leaching

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low	Range High	Sample Date	Violation	Typical Source
Microbiological Contaminants								
Total Coliform (positive samples/month)	0	1	0	NA		2015	No	Naturally present in the environment
Radioactive Contaminants								
Radium (combined 226/228) (pCi/L)	0	5	.5	NA		2015	No	Erosion of natural deposits

Contaminants	MCLG	AA	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	.2	2014	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	10	2014	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
Term	**Definition**
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
positive samples/month	positive samples/month: Number of samples taken monthly that were found to be positive
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	**Definition**
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Important Drinking Water Definitions	
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Val Jensen
Address: 250 River Circle
Alpine, WY 83128
Phone: (307) 880-2868

Table 7 - Groundwater Quality Data

Analyte	Existing System[1]	Well #3		EPA Drinking Water Standards	
		Midway	Final[2]		
CollectionDate	8/30/2004	7/1/2008	7/2/2008	Primary	Secondary
MICROBIOLOGICAL (CFU/ml and P/A)					
Bacteria, Iron Related		<1	2300		
Bacteria, Total Coliform		absent	absent		
MAJOR IONS (mg/L)					
Acidity, Total as CaCO3			<1		
Alkalinity, Total as CaCO3		250	254		
Bicarbonate as HCO3		305	282		
Carbonate as CO3		<1	14		
Calcium		74	73		
Chloride		6	6		250
Fluoride	0.3		0.3	4	2
Magnesium		21	22		
Nitrogen, Nitrate+Nitrite as N	0.2		0.1	10	
Nitrogen, Nitrite as N	<0.10		<0.10	1	
Potassium		<1	0.8		
Silica			4.6		
Sodium	2.1	2	1.7		
Sulfate	10	9	10		250
NON-METALS (mg/L)					
Cyanide	<0.005		<0.005	0.2	
PHYSICAL PROPERTIES					
Color (c.u.)			<5.0		15
Conductivity (umhos/cm)		475	489		
Corrosivity (unitless)			0.57		non-corrosive
Hardness as CaCO3			272		
Odor (T.O.N.)			NOO		3
pH (s.u.)		7.60	7.71		6.5 - 8.5
Total Dissolved Solids, TDS @ 180 C (mg/L)		267	244		500
Turbidity (NTU)			4.1		
METALS - TOTAL (mg/L)					
Aluminum			<0.1		0.05 - 0.2
Antimony	<0.001		<0.001	0.006	
Arsenic	<0.005		0.002	0.01	
Barium	0.2		0.2	2	
Beryllium	<0.0005		<0.001	0.004	
Boron			<0.1		
Cadmium	<0.0005		<0.001	0.005	
Chromium	<0.05		<0.05	0.1	
Copper	0.01		<0.01	1.3	1
Iron			<0.03	0.3	0.3
Lead	<0.001		<0.001	0.015	
Manganese			<0.01		0.05
Mercury	<0.0005		<0.001	0.002	
Nickel	<0.02		<0.05	0.1	
Selenium	<0.005		<0.001	0.05	
Silver			<0.01		0.1
Thallium	<0.0004		<0.0004	0.002	
Uranium		0.0008	0.0007	0.03	
Zinc			<0.01		5
RADIONUCLIDES - TOTAL (pCi/L)					
Gross Alpha		0.2	5.3	15	
Gross Beta		-9	0.2	50	
Radium 226		0.15	0.3		
Radium 228		3.0	0.5		
Radium 226 + Radium 228		3.1	0.8	5	

[1]All VOCs and SOCs tested for the existing system in 2004 resulted in "non-detects," with the exception of two VOCs: Chlorodibromomethane (0.67 ug/L) and Total Trihalomethanes (0.67 ug/L), neither of which were tested in Well #3 for the Final Test.

[2]All VOCs and SOCs tested resulted in "non-detects."

Table 4 - Groundwater Quality Analyses (mg/l)
Rees Subdivision Vicinity, Alpine, Wyoming

	EPA Drinking Water Standard		A	B	C	D	*E	F
Date			7/20/95	7/20/95	7/20/95	7/20/95	7/1/00	9/16/02
Total Solids	500	s	286	233	220	347	770	310
hardness			279	202	228	282	230	312
calcium			80	43	56	69	49.7	67
magnesium			22	23	20	27	26.9	35
sodium	250	s	2.7	7.4	1.1	17	23	4.0
potassium			1.4	2.2	.74	2.1	5.3	1.0
bicarbonate			340	260	283	332	242	330
sulfate	250	s	6	16	<5	24	54	33
chloride	250	s	10	<2	9	25	4.9	5.3
nitrate	10	p	.34	.65	.13	2.3	<2.0	0.9
arsenic	.05	p	<0.005					.001
copper	1.3	g	<.05					0.12
fluoride	1.4	p	0.19	0.19	<0.1	0.49	1.0	0.3
iron	0.3	s	.11	.02	.61	.02		.041
manganese	.05	s	<.02	<.02	<.02	<.02		<.001
zinc			.061					.145
radioactivity (pCi/l)	15	p						1.8

Notes: A - Town of Alpine (Well No. 17). Additional analytes: barium (.15), cadmium (<.001), chromium (<.007), mercury (<.0002), nickel (<.01), selenium (<.002), silver (<.002); all are well within drinking water standards.
B - Alpine Water Users (Well No. 9)
C - Woodworth (Well No. 12)
D - Reinhart (Well No. 4)
*E - Coletti (a second nitrate analysis reported <0.5). These data are taken from two groundwater analyses provided by the well owner. The two analyses are quite different (the more reasonable values are listed here), however, so the listed results should be considered with caution.
F - Clinger No. 2

APPENDIX F

Well & Water Rights Data

Alpine Water Master Plan
Review of Well (Source) Capacities & Demands

2050 Projected Demands (per report)

ADD =	973,000	gpd	1090 Ac-ft per year
	40,542	gph	
	676	gpm	
MDD =	2,308,000	gpd	
	96,167	gph	
	1,603	gpm	

Well	Permitted Capacity (gpm)	Current Operating Capacity (gpm)	Permitted Annual (AF/yr)	Current Operating Annual (AF/yr)	Possible Operating Annual (AF-yr)
Alpine Well #1	700	455		734	1,129
Alpine Well #2	700	445		718	1,129
Alpine Well #3	650	361	400	582	1,049
Flying Saddle Well #1	100	100	114	161	161
Flying Saddle Well #2	50	40	114	65	81
MegaWell	500	450	370	726	807
Total =	2,700	1,851	997	2,986	4,355

Findings:

1. Current permitted capacity (gpm) is greater than future MDD (2,050 > 1,603) assuming three Alpine wells.
2. Current permitted capacity (gpm) is greater than future MDD (2,700 > 1,603) assuming all wells are contributing to system.
3. Current operating capacity (gpm) is less than future MDD (1,261 < 1,603) assuming three Alpine wells.
4. Current operating capacity (gpm) is more than future MDD (1,711 > 1,603) assuming three Alpine wells + MegaWell.
5. Current operating capacity (gpm) is more than future MDD (1,851 > 1,603) assuming all wells are contributing to system.
6. Current permitted capacity (AF/yr) is less than future annual demand (400 < 1,090), assuming three Alpine wells.
7. Current permitted capacity (AF/yr) is less than future annual demand (997 < 1,090) assuming all wells are contributing to system.
8. Current operating capacity (AF/yr) is more than future annual demand (2,034 > 1,090) assuming three Alpine wells.
9. Current operating capacity (AF/yr) is more than future annual demand (2.986 > 1,090) assuming all wells are contributing to system.

SCANNED OCT 27 2020

FORM U.W.6
Rev. 1/07

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E
CHEYENNE, WYOMING 82002

(307) 777-6163

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black pen.

PERMIT NO. U.W. 211583 NAME OF WELL/SPRING Alpine Lakes #1 Per UWS DC

1. NAME OF OWNER ~~Alpine Lakes #1~~ Excel Development LLC
2. ADDRESS P.O. Box 3309
   Please check if address has changed from that shown on permit
   City Alpine State Wyoming Zip Code 83128 Phone No. 701 367 6161
3. USE OF WATER ☐ Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☒ Miscellaneous ☐ Monitor or Test ☐ Coal Bed Methane Explain proposed use (Example: One single family dwelling) _____
4. LOCATION OF WELL/SPRING NW 1/4 NE 1/4 of Section 19 T. 32 (N.) R. 118 (W.) of the 6th P.M. (or W.R.M.)
   Subdivision Name Alpine Vlg Lot 29 Block _____
   Resurvey Location Tract _____ or Lot _____ Datum ☐ NAD27 ☐ NAD83 _____
   Geographic Coordinates: Latitude 43° 11' 10.1" N Longitude 111° 01' 58.6" W (degrees, minutes, seconds)
   UTM: Zone _____ Northing _____ Easting _____ (meters)
   State Plane Coordinates: Zone _____ Northing _____ Easting _____ (feet)
   Land surface elevation (ft. above mean sea level) _____ Datum ☐ NAVD29 ☐ NAVD88
   Source ☒ GPS ☐ Map ☐ Survey ☐ Unkown ☐ Other ☐ Altimeter (for elevation only)
5. TYPE OF CONSTRUCTION ☒ Drilled Air Rotary ☐ Dug ☐ Driven ☐ Other
   Describe _____
6. CONSTRUCTION Total depth of well/spring 81 ft.
   Depth of static water level 34' ft. (below land surface) Casing height +2 ft. above ground
   a. Diameter of borehole (bit size) 8" inches
   b. Casing schedule ☒ New ☐ Used Joint type ☐ Threaded ☐ Glued ☒ Welded
   8 diameter from +2 ft. to 45 ft. Material Steel Gage .250
   _____ diameter from _____ ft. to _____ ft. Material _____ Gage _____
   c. Cemented/grouted interval, from 0 ft. to 28' ft.
   Amount of cement/grout used 28 (example: 10 sacks) type Bentonite chips (example: bentonite pellets)
   d. Type of completion ☐ Customized perforations ☐ Open hole ☒ Factory screen
   Type of perforator used _____
   Size of perforations _____ inches by _____ inches.
   Number of perforations and depths where perforated
   _____ perforations from _____ ft. to _____ ft.
   _____ perforations from _____ ft. to _____ ft.
   Open hole from _____ ft. to _____ ft.
   Well screen details
   Diameter 8" telo slot size .034 set from 40 ft. to 81 ft.
   Diameter _____ slot size _____ set from _____ ft. to _____ ft.
   e. Well development method Air How long was well developed? 6 hrs
   f. Was a filter/gravel pack installed? ☐ Yes ☒ No Size of sand/gravel _____
   Filter/gravel pack installed from _____ ft. to _____ ft.
   g. Was surface casing used? ☒ Yes ☐ No Was it cemented in place? ☐ Yes ☒ No
   Surface casing installed from +2 ft. to 28 ft.

RECEIVED
SEP - 4 2020
State Engineers
Cheyenne
Wyoming

7. NAME AND ADDRESS OF DRILLING COMPANY 4068 N Haroldsen Dr. Idaho Falls, ID 83401 Vollmer Well Drilling. 208-552-0236
8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 6-29-2020
9. PUMP INFORMATION Manufacturer _____ Type _____ Per phone call w/driller 9-21-20 DC
   Source of power _____ Horsepower _____ Depth of pump setting or intake _____ ft.
   Amount of water being pumped _____ gal./min.* (For springs or flowing wells, see item 10)
   Total volumetric quantity used per calendar year.* _____
   *If these amounts exceed permitted amount an enlargement is required.
10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well) N/A
    If artesian flow or spring, yield is _____ gal./min. *Surface pressure is _____ lb./sq.inch, or _____ feet of water.
    The flow is controlled by ☐ Valve ☐ Cap ☐ Plug
    Does well leak around casing? ☐ Yes ☐ No

Permit No. U.W. 211583 Book No. 1516 Page No. 33

SEE REVERSE SIDE

11. IF SPRING, HOW WAS IT CONSTRUCTED? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right)_____

12. PUMP TEST Was a pump test conducted? ☐ Yes ☒ No
If so, by whom_____
Yield _____ gal./min. with _____ ft. drawdown after _____ hours
Yield _____ gal./min. with _____ ft. drawdown after _____ hours

13. LOG OF WELL Total depth drilled _____ ft.
Depth of completed well _____ ft. Diameter of well _____ inches
Depth to first water bearing formation _____ ft.
Depth to principal water bearing formation Top _____ ft. to Bottom _____ ft.

DRILL CUTTINGS DESCRIPTION

	From Feet	To Feet	Rock Type or Description	Formation	Water Bearing? (Yes or no)
	Surface				
12"	0	1	Soil		no
12"	1	28	Sand Gravel	Unconsolidated	no
12"	28	33	Sand Gravel	" "	no
8"	33	81	Sand Gravel	" "	Water

14. DOES A GEOPHYSICAL LOG ACCOMPANY THIS FORM? ☐ Yes ☒ No

15. QUALITY OF WATER INFORMATION
Does a chemical and/or bacteriological water quality analysis accompany this form? ☐ Yes ☐ No
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well (contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984).
If not, do you consider the water as ☒ Good ☐ Acceptable ☐ Poor ☐ Unusable

REMARKS Cold Clear

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct, and complete.

Signature of Owner or Authorized Agent

6-29 , 20 20
Date

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 211583

Date of Receipt SEP - 4 2020 , 20____

Date of Priority October 24 , 20 19

Date of Approval _____ , 20____

for State Engineer

$ 25.00 rec'd

FORM U.W. 5
Rev. 5-79
FILING FEE SCHEDULE
ON REVERSE SIDE

STATE OF WYOMING
OFFICE OF THE STATE ENGINEER
HERSCHLER BUILDING
CHEYENNE, WYOMING 82002

MICRO FILMED NOV 18 '88

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

Temporary Filing No. U.W. 20-8-43

FOR OFFICE USE ONLY

PERMIT NO. U.W. 77717

WATER DIVISION NO. 4 DISTRICT 8

U.W. DISTRICT Lincoln Co.

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE.

NAME AND NUMBER OF WELL ~~ALPINE WATER & SEWER DISTRICT~~ WELL #2

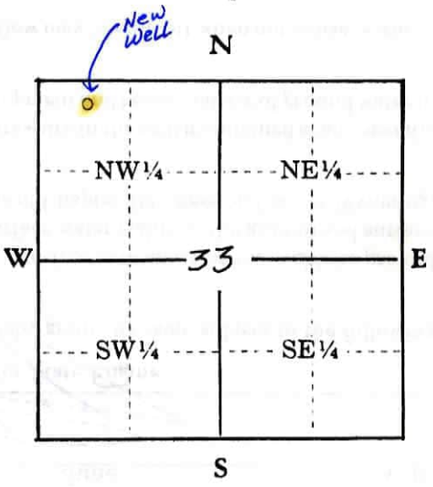
1. Name of applicant(s) ~~ALPINE WATER & SEWER DISTRICT~~ Town of Alpine (per assignment recd. 11-1-89) m.a. Phone: 654-7591

2. Address of applicant(s) P.O. Box ~~101~~ 239 ALPINE, WYOMING Zip: 83128

3. Name & address of agent to receive correspondence and notices Monty H. Nelson(or) Donn H. Wooden
Same address.

4. Use to which the water will be applied: Domestic [ ] Stock Watering [ ] Irrigation [ ] Municipal [X] Industrial [ ] Miscellaneous [ ] (Describe completely and accurately) Alpine Water & Sewer District has serious need for a second well for back up and additional demand for patrons

5. Location of the well: (NOTE: Quarter-quarter (40-acre subdivision) MUST be shown. EXAMPLE: SE¼NW¼ of Sec. 12, Township 14 North, Range 68 West.) LINCOLN County, NW ¼ NW ¼ of Sec. 33, T. 37 N., R. 118 W. of the 6th P.M. (or W.R.M.), Wyoming. If located in a platted subdivision, **also** provide Lot n/a, Block _____ of the _____ Subdivision (or Add'n) of _____.



Scale: 2" = 1 mile

Above diagram represents one full section. Locate well accurately in small square representing 40 ac.

6. Mark the well location on the section grid to the right. LOCATION SHOWN IN ITEM 5 MUST AGREE WITH GRID. If the proposed well is for irrigation use, sketch and label all irrigation ditches and canals, stream, reservoirs and other wells. Indicate the point of use or lands to be irrigated from other sources.

7. Estimated depth of the well is 360 feet.

8. MAXIMUM quantity of water to be developed and beneficially used: ~~300~~ ~~400~~ 375 gallons per minute. NOTE: If for domestic or stock use, this application will be processed for a maximum of 25 gallons per minute. SPRINGS: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic or stockwatering, will be considered as ground water appropriations. After approval of this application, some type of artificial diversion must be constructed to qualify for a water right.

(Adj. Amt.)

9. If use is not irrigation, mark the point(s) or area(s) of use in the tabulation below.

10. If for irrigation use:
a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation below.
b. [ ] Land will be irrigated from this well only.
c. [ ] Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

Township	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
~~37~~	~~118~~	~~28~~			Lot 7					Lot 6		X	X						
~~37~~	~~118~~	~~29~~			X					X	X	X	X	X	X	X	X	X	

See Attachment

The water from this well will be commingled with water from the Alpine Water and Sewer Dist. Pipeline, Permit No. 24104, 1st Enl. Alpine Water & Sewer Dist. Pipeline, in 9N 10E, Alpine Water Dist. No. 1 Well, Permit No. UW 39163, and 1st Enl. Alpine Water Dist. No. 1 Well UW 18069, to serve 136 single family homes and 29 commercial lots in the Town of Alpine. See attached sheets for a list of the points of use.

11. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc. _____

SEE REVERSE SIDE

Permit No. U.W. 77717 Book No. 558 Page No. 18

12. The well is to be constructed on lands owned by U.S. NATIONAL FOREST- Bridger-Teton
(The granting of a permit does not constitute the granting of right of way. If any easement or right of way is nec
tion with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not a co-applicant.)

13. The water is to be used on lands owned by patrons of ALPINE WATER & SEWER DISTRICT
(If landowner is not the applicant, a copy of the agreement relating to usage of appropriated water on the land should be submitted to this office. If the landowner is included as a co-applicant on the application, this procedure need not be followed.)

REMARKS: WELL # 2- is applied for to supplement water appropriated under Permit # 24104 and Alpine Water District Well#1 (Permit #39163).

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

ALPINE WATER & SEWER DISTRICT

Monty H. Nelson — Monty H. Nelson Pres. — Signature of Applicant or Authorized Agent

JUNE 9, 19 88 — Date

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as a single-family dwelling and the watering of lawns and gardens not exceeding one (1) acre)	$10.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS	$25.00
MONITOR (For water level measurements or chemical quality sampling)	NO FEE

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 23rd day of June, A. D. 19 88, at 9:30 o'clock A M.

Permit No. U.W. 77717

for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use, without loss of water into surface formations or at the surface.

FOR ADDITIONAL CONDITIONS AND LIMITATIONS SEE ATTACHED STATUS SHEET

Approval of this application may be considered as authorization to proceed with construction of the proposed well.

Construction of well will begin within one (1) year from date of approval. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.

Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 19 89.

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 14th day of August, A.D. 19 88.

Gordon W. Fassett — Gordon W. Fassett State Engineer

APR. 28 1988 NOTICE OF EXPIRATION OF TIME OF COMMENCEMENT MAILED

MICRO FILMED APR 20 '89

SEE: PERMIT STATUS SHEET.

U.W. 77717

ATTACHMENT SHEET For Alpine Water and Sewer District Well No. 2, Permit No. U.W. 77717

"ADDITIONAL CONDITIONS AND LIMITATIONS"

This appropriation in combination with water from the Alpine Water District No. 1 Well, Permit No. U.W. 39163(Enlarged by Permit No. U.W, 78067, and Permit No. U.W. 98662), will allow the Town of Alpine to pump a total combined quantity of 225 acre-feet of ground water on an average annual basis and a combined total of no more than 300 acre-feet of ground water in any one calendar year from its municipal well field. Such average annual pumping shall be computed on the basis of ten (10) consecutive years commencing with the calendar year 1995. The Town of Alpine shall pump no more than 2,250 acre-feet of ground water in any one ten (10) year period from its municipal well field provided, however, that the State Engineer may, pursuant to application, permit the Town of Alpine to withdraw additional quantities of ground water.

Twp.	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			Water is used for Municipal Purposes for the Town of Alpine, Wyoming with the Corporate Limits being located within the following described Area:																
37N	118	28										X	X						
					L-7				L-5	L-6		L-5							
37N	118	29			X				X	X	X	X	X	X	X	X	X	X	
37N	118	33						X											
			NOTE: Lot 5 of Sec. 29 being a river border lot located within the described 40 acre quarter-quarters.																

MICRO FILMED JUN 16 88

U.W. 77717

Attachment sheets for the Alpine Water & Sewer District Well #2 TF No. UW 20-8-43

Township	Range	Sec.	NE¼ NE¼	NE¼ NW¼	NE¼ SW¼	NE¼ SE¼	NW¼ NE¼	NW¼ NW¼	NW¼ SW¼	NW¼ SE¼	SW¼ NE¼	SW¼ NW¼	SW¼ SW¼	SW¼ SE¼	SE¼ NE¼	SE¼ NW¼	SE¼ SW¼	SE¼ SE¼	Totals
37	118	29								X	(Lot 6)								4
			Lakeview Tract F (Tract 3) 2 homes																
			Metes & Bounds Tracts																
			Hal Taylor 1 home																
			A.K. Jerklan 1 home																
37	118	29			X (Lot 7)														1
			Palos Park Subdivision																
			Palisport Campground										Co...						
37	118	29										X (Lot 5)							4
			Lakeview Estates Subdivision C																
			Lot 611 Hoffman & Assoc., Realtors Office																
			Lot 614 Vernon Sorenson 2 Homes																
			Lot 615 Freeda Warren 1 Home																
37	118	29									X								23
			Lakeview Estates Subdivision #3																
			Lot 528 Jean Larson 1 home																
			Lakeview Estates Subdivision C																
			Lot 608 Alpine Mercantile 2 stores																
			Lot 610 Lambrauch Fritz 2 stores																
			Lot 616 Clarence Holden 1 home																
			Lot 619 Jeep Molnar 1 home																
			Lot 622 George Telford 1 home																
			Lot 630 Alex Garbrecht 1 home																
			Lot 631 Ron Abarnathy 1 home																
			Lot 635 Robert Fritz 1 home																
			Lot 601 Sophia Molnar 1 home																
			Lot 607 Alpine Fire Brigade & Civic Center																
			Palos Park Subdivision																
			Palisport Motel																
			Palisport Gas Station																
			Palisport A-Frame home 1 home																
			George Dupont 1 home																
			Metes & Bounds Tracts																
			Beulah Jorgensen Rumbaugh 1 home																
			Sheldon Beckstead 1 home																
			Don Warden Post Office																
			Hal Taylor 1 home																
			Richard Jenkins 1 home																
			Palisades Heights Subdivision																
			Lot 11 Jorgensen Brothers Development Co.																

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U.W. 77717

p2 of 4

Township	Range	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
37	113	29														X			11
			Lakeview Estates Subdivision C																
				Lot 635	Car Center and									1 home					
				Lot 637	Alpine Automotive & Glen West home														
				Lot 639	Alpine Tire & Alignment store														
				Lot 641	Alpine Yacht Club														
				Lot 644	Lois Taylor Cancelled Dave Taylor									2 homes					
				Lot 645	Irwin Perkins									1 home					
				Lot 647	Duane Swallwood									1 home					
			Metes & Bounds Tracts																
				Jeanne Western Broadcasting										1 home					
37	118	29													X				10
			Metes & Bounds Tracts																
				Greys River Lumber Co Mill and Shop															
				Greys River Lumber Co housing										4 homes					
				Kilroy & Co Shops															
				Kilroy & Co.										1 home					
				D. Gladys Miller										1 home					
				Carl Ball										1 home					
37	118	29										X							1
			Metes & Bounds Tracts																
				Robert Truchot										1 home					
37	118	29												X					10
			Lakeview Estates Subdivision #2																
				Lot 301	Norman Caudel									1 home					
				Lot 306	Harold Abernathy									1 home					
				Lot 314	June E. Anderson									1 home					
				Lot 320	Marshall Bateman									1 home					
			Alpine Pines Subdivision																
				Lot 1	Bessie Moss									1 home					
				Lot 4	Richard Reilly									1 home					
				Lot 7	Cal Rose									1 home					
				Lot 9	Jerry Eichelts									1 home					
				Lot 16	Bill Ballough									1 home					
			Metes & Bounds Tracts																
				Sid Johnson										1 home					

OUT

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U.W. 77717

Township	Range	Sec.	NE¼ NE¼	NE¼ NW¼	NE¼ SW¼	NE¼ SE¼	NW¼ NE¼	NW¼ NW¼	NW¼ SW¼	NW¼ SE¼	SW¼ NE¼	SW¼ NW¼	SW¼ SW¼	SW¼ SE¼	SE¼ NE¼	SE¼ NW¼	SE¼ SW¼	SE¼ SE¼	Totals
37	118	29															X		27
			Lakeview Estates Subdivision								A								
				Lot 201			Dan Pagaran								1 home				
				Lot 223			Don J Stephens								1 home				
				Lot 227			Isadore Sazagen								1 home				
				Lot 228			Creighton Hartman								1 home				
				Lot 242			Keith Johnson								1 home				
				Lot 247			F.C. Benton								1 home				
				Lot 248			Ellwood Sparks								1 home				
				Lot 253			Elma Moss								1 home				
				Lot 255			Bruce Feece								1 home				
				Lot 256			A.J. Benton								1 home				
				Lot 263			Cliff Pendray								1 home				
				Lot 266			Glen Jacobson								1 home				
				Lot 267			Glen Norris								1 home				
				Lot 271			Robert Jensen								1 home				
				Lot 273			Robert Norris								1 home				
			Grandview Subdivision																
				Lot 1			Joe Pacovelez								1 home				
				Lot 2			Billy G Lovelace								1 home				
				Lot 4			Grant Passenbark								1 home				
				Lot 5			Jake Eckert								1 home				
				Lot 18			George Hatley								1 home				
				Lot 23			William Turner								1 home				
				Lot 24			Harry Nighswonger								1 home				
				Lot 25			Barry Peterson								1 home				
			Metes & Bounds Tracts																
				Harry Poe											1 home				
				Joseph Ozzatt											1 home				
				Brian Parks											2 homes				
37	118	29																X	24
			Lakeview Estates Subdivision								P								
				Lot 203			R. Woodmansey								1 home				
				Lot 206			Harry Cope								1 home				
				Lot 222			Jay Seadle								1 home				
				Lot 234			Lawrence Fox								1 home				
				Lot 236			Neal Auston								1 home				
			Bridge Houses Subdivision																
				Lot 1			Paul Nemetz								1 home				
				Lot 6			Trea Lyon								1 home				
			Metes & Bounds Tracts																
				Jorgensen			Warehouse												
				Jorgensen			Apartment								1 home				
				Jorgensen			Duplex								2 homes				
				Alpine			Wendt												

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U.W. 77717

Township	Range	Sec	NE¼ NE¼	NE¼ NW¼	NE¼ SW¼	NE¼ SE¼	NW¼ NE¼	NW¼ NW¼	NW¼ SW¼	NW¼ SE¼	SW¼ NE¼	SW¼ NW¼	SW¼ SW¼	SW¼ SE¼	SE¼ NE¼	SE¼ NW¼	SE¼ SW¼	SE¼ SE¼	Totals
37	118	29												Continued				X	
			Greys River Valley Subdivision																
			Lot 3				Bruce Jorgensen							1 home					
			Lot 4				Grey River Apartments							4 apartments					
			Lot 10				Valerie Wooden							1 home					
			Lot 12				James McCollum							1 home					
			Lot 17				Donald Napoles							1 home					
			Lot 18				Steve Kelley							1 home					
			Lot 19				Ruskie Gorgensen							1 home					
			Lot 21				Billy McClain							1 home					
			Lot 22				Lee Turner							1 home					
37	118	28											X						12
			Three Meadows Subdivision																
			Lot 3				Alton Jorgensen							1 home					
			Lot 52				Gus Tobaldson							1 home					
			Lot 53				Tom Zbornik							1 home					
			Lot 57				Elmer Stevenson							1 home					
			Lot 58				Richard Gerkens							1 home					
			Lot 59				Phil Jorgensen							1 home					
			Lot 60				Michael Schmidt							1 home					
			Lot 61				Dennis Howland							1 home					
			Lot 62				Rick Jorgensen							1 home					
			Lot 65				Martin Nelson							1 home					
			Lot 68				Ethel Jensen							1 home					
			Metes & Bounds Tracts																
			Monty Nelson											1 home					
37	118	33						X											1
			Greys Cattle Association corral (USES Permitted)																

There is a total of 107 homes and 21 commercial points of use to receive water under this enlargement. There will be a total of 167 points of use under the original Permit No. 39163 and this enlargement.

MICRO FILMED NOV 18 '88

PERMIT NO. U.W. 77717
T.F. No. U.W. 20-8-43

PERMIT STATUS

Priority Date June 23, 1988 Approval Date August 14, 1988

ADDITIONAL CONDITIONS AND LIMITATIONS:

1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.

2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well each month during the previous January 1 to December 31, twelve (12) month period.

3. The report shall identify the well by name, location, permit number and shall identify the type of meter used for the measurement.

4. The report shall contain at least two (2) semi-annual measurements of the pumping water level in the well as measured after a minimum of twenty-four (24) consecutive hours of pumping. The dates the measurements were obtained and period of time the well was pumped prior to obtaining the measurements must be specified.

5. The report shall contain at least two (2) semi-annual measurements of the static water level in the well as measured twenty-four (24) consecutive hours after pumping has ceased. The dates the measurements were obtained and the period of time the well was "shut-in" prior to obtaining the measurements must be specified.

6. The State Engineer may, upon written request, waive all or any portion of these conditions and limitations.

August 14, 1988
DATE OF APPROVAL

Gordon W. Fassett
Gordon W. Fassett, State Engineer

NOTICE OF COMMENCEMENT WAIVED - Statement of Completion received prior to expiration date for commencement.

June 12, 1989 - Statement of Completion on December 1, 1988 received.

June 5, 1989 - Beneficial Use on May 2, 1989 received.

June 5, 1989 - Linen map received. (TM 2356-B)

MICRO FILMED JUL 13 '89

November 1, 1989--Assignment of all right, title and interest in and to this permit assigned from Alpine Water and Sewer District to the Town of Alpine per letters received. See letters filed in Miscellaneous Notices under Permit No. U.W. 39163.

11-21-89
Date

Richard G. Stockdale
Richard G. Stockdale, Administrator
Ground Water Division

MICRO FILMED MAR 26 '90

The Alpine Water and Sewer District was incorporated as the Town of Alpine, Wyoming on February 8, 1989. Town of Alpine, WY Resolution No. 2-09-20-94 states the Town's desires to pursue their Ground Water Permits of record under a Municipal Use not Miscellaneous Use. Pursuant to the Town of Alpine's request and because the use of water has not changed, designated use of water under this appropriation is hereby changed from Miscellaneous Use to Municipal Use. See Resolution No. 2-09-20-94 filed in "Miscellaneous Notices" under Permit No. U.W. 39163.

3/31/95
DATE

Richard G. Stockdale
RICHARD G. STOCKDALE, Administrator
Ground Water Division

PERMIT NO. U.W. 77717

PERMIT STATUS

Priority Date June 23, 1988 Approval Date August 14, 1988

CERT. REC. U.W. 9, P. 460
PROOF NO. U.W. 3657, AC. 0
G.P.M. 375 IRR. ___ STK. ___ DOM. ___ MUN ✓ ~~MISC.~~
MAP NO. 297-E (3 sheets) AND 922-B

MICRO FILMED MAR 14 1990

October 23, 2008 - This permit has been enlarged by Permit No. U.W.189883 for additional yield and volumetric quantity only.
There is no physical enlargement of this well.

SCANNED MAY 30 2013

Form U.W. 6
Rev. 2-83

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

IF WELL IS TO BE ABANDONED, SEE ITEM 15, PAGE 4

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL

MICRO FILMED MAR 14 1990
MICRO FILMED MAR 26 '90
MICRO FILMED JUL 13 '89

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

PERMIT NO. U.W. 77717 NAME OF WELL Alpine Water & Sewer District Well #2

1. NAME OF OWNER ~~ALPINE WATER & SEWER DISTRICT~~ Town of Alpine

2. ADDRESS P.O. Box ~~101~~ 239 Alpine, Wyo Zip Code 83128

3. USE OF WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☒ Industrial ☐ Miscellaneous ☐

4. LOCATION OF WELL: NW¼ NW¼ of Section 33, T. 37 N., R. 118 W., of the 6th P.M. (or ~~W.R.M.~~), Wyoming, being specifically South 80° 26' 56" EAST 769.5' (Bearing and Distance)
or ____ ft. ~~North~~ ~~South~~ and ____ ft. ~~East~~ ~~West~~ from the NW corner of Section 33, T. 37 N., R. 118 W.
(Strike out words not needed).

5. TYPE OF CONSTRUCTION: Drilled ☐ CABLE TOOL (Type of Rig) Dug ☐ Driven ☒ Jetted ☐
Other ____

6. CONSTRUCTION: Total Depth of Well 243 ft. Depth to Static Water Level 85'6" ft.

a. Casing Schedule New ☒ Used ☐ * Pitless Adapter From ground level to 7' Depth.

12 3/4" diameter from 9' ft. to 42' ft. Material STEEL Gage .250

10 3/4" diameter from 7' ft. to 147' ft. Material STEEL Gage .366

____ diameter from ____ ft. to ____ ft. Material ____ Gage ____

RECEIVED JUN 12 1989 STATE ENGINEER Cheyenne, Wyo.

b. Perforations: Type of perforator used Knife - Mills-
Size of perforations 3/8" inches by 1½" inches.
Number of perforations and depths where perforated:
* 8 ea perforations from 101 ft. to 102 feet, 106, 108, 110, 136, 138, 140, 142, 144, end.
____ perforations from ____ ft. to ____ feet.
* 8 perforation at each of Above Levels.

c. Was well screen installed? Yes ☒ No ☐
Diameter: ____ slot size: ____ set from ____ feet to ____ feet.
Diameter: ____ slot size: ____ set from ____ feet to ____ feet.

d. Was well gravel packed? Yes ☐ No ☒ Size of gravel ____

e. Was surface casing used? Yes ☒ No ☐ Was it cemented in place? Yes ☒ No ☐ Pitless Adapter

7. NAME & ADDRESS OF DRILLER WEBER Drilling - 1240 - Gregory Lane Jackson, Wy 83001

8. DATE OF COMPLETION OF WELL (including pump installation) 12-1-88

9. PUMP INFORMATION: Manufacturer Red Jacket. Type Submersible
Source of power 460 Volt 3 phase Horsepower 40 HP. Depth of Pump Setting 156'
Amount of Water Being Pumped ~~330~~ 375 Gpm. (Adj. Amt.) Gallons Per Minute. (For springs or flowing wells, see item 11.)

Permit No. U.W. 77717 Book No. 558 Page No. 13

10. PUMP TEST: Was a pump test made? Yes ☒ No ☐

If so, by whom WEBER Drilling - (Torman) Address 1240 Gregory Lane Jackson. Wy 83001

Yield: 330 gal./min. with 14' foot drawdown after 5 hours.

Yield: 412 gal./min. with 31' foot drawdown after 3 hours.

11. FLOWING WELL (Owner is responsible for control of flowing well). N/A.

If well yields artesian flow, yield is — gal./min. Surface pressure is — lb./sq. inch, or — feet of water.

The flow is controlled by: valve ☐ cap ☐ plug ☐

Does well leak around casing? Yes ☐ No ☐

12. LOG OF WELL: Total depth drilled 243' feet.

Depth of completed well 243' feet. Diameter of well 12 3/4 - to 10 3/4 to 42' 42' to 147' — open hole to 243' inches.

Depth to first water bearing formation 88'-95' feet.

Depth to principal water bearing formation. Top 147' feet to Bottom 243' feet.

Ground Elevation, if known 5700' Approx elevation

From Feet	To Feet	Material Type, Texture, Color	REMARKS (Cementing, Shutoff, Packing, etc.)	Indicate Water Bearing Formation	Indicate Perforated Casing Location
		"	See Attached Information "		

QUALITY OF WATER INFORMATION:

Was a chemical analysis made? Yes ☐ No ☐

If so, please include a copy of the analysis with this form.

If not, do you consider the water as: Good ☒ Acceptable ☐ Poor ☐ Unusable ☐

Weber Drilling

1240 GREGORY LANE · JACKSON, WYOMING 83001 · (307) 733-3343

W

U.W. 77717

NAME OF OWNER Alpine Water & Sewer District

ADDRESS Alpine, Wyo ZIP CODE

LOCATION OF WELL: ¼ ¼ of section , T. , N., R. W.,

Water Well # 2 Start 10-7-88 Driller-Torman

TYPE OF CONSTRUCTION: Drilled X cable tool
(Type of Rig)

CONSTRUCTION: Total Depth 243 ft. Depth to Water Level 85'6" ft.

a. Casing Schedule New X Used

12 3/4 Diameter from 9 ft. to 42 ft. Material steel Gage .250

10 3/4 Diameter from 7 ft. to 147 ft. Material steel Gage .366

Monitor 6PS10 12 W B V E0 Ø T 6 E Pitless #1 to 7 Ft.

b. Perforations Type of perforator used Mills 101,102,106,108,110,136,138,140,142,144
8 Perf. Ea. 3/8 x 1½"

DATE OF COMPLETION OF WELL (including pump installation) 12-1-88

PUMP INFORMATION: Manufacturer Red Jacket Type Sub. 6C3309AN
Pump Ser.# 111188B Motor Hatachi Ser.# G89166E

Source of power Elect. 460 V 3Ph. Horsepower 40 Depth of pump setting 156
Lenth of Air line 156'

Amount of water being pumped 330 Gallons Per Minute.

PUMP TEST: Was a pump test made? Yes X No

If so, by whom Driller Address

Yield: 412 gal./min. with 31 foot drawdown after 3 hours

Yield: 330 gal./min. with 14 foot drawdown after 5 hours

From Feet	To Feet	Material Type, Texture, Color	Indicate Water Bearing Formation
0	27	Quartzite, sandstone, limestone boulders	
27	41	red clay, limestone chips	
41	95	hard Blk. limestone, clay layers	some water 88-95
95	147	broken limestone, caving	water
147	165	hard limestone	water
165	194	limestone, layers of Brn. clay	
194	203	hard limestone	
203	215	hard limestone, clay layers	
215	243	very hard limestone	

Signature J H Weber

U.W. 77717

13. TABULATION

a. If for irrigation, the land proposed to be irrigated should be described in the following tabulation. Describe in the "Remarks" section, under Item 14, the means of conveying the water to the lands and the method of irrigation.

(Give irrigable acreage in each legal subdivision. If proposed use is for additional supply for lands with a right from another source, indicate in the tabulation the priority or permit number, the source of supply and the name of the ditch or other well.)

b. If not used for irrigation, show the area and point(s) of use and location of well in the tabulation below. Also describe the method of conveyance in the "Remarks" section under Item 14.

Town-Ship	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

TOTAL NUMBER OF ACRES TO BE IRRIGATED_____

Original Supply _____ acres

Additional Supply _____ acres

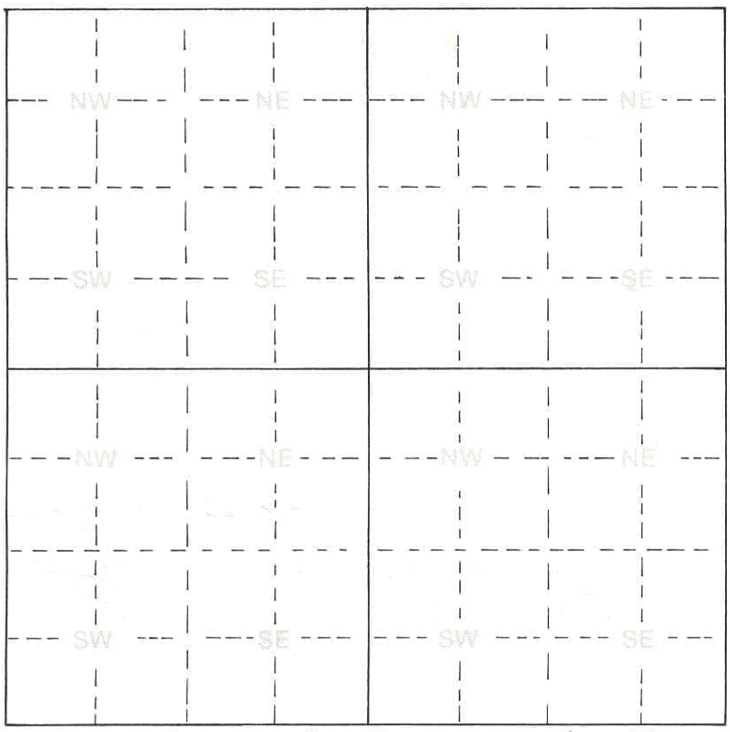
14. PLAT

a. If the well is to be used for irrigation, industrial, miscellaneous or municipal use, show the location of the well on the plat below. For such uses, a plat certified by a licensed engineer or land surveyor is required to be submitted at the time the Proof of Appropriation and Beneficial Use of Ground Water is submitted.

b. For other uses, accurately show the well location, point of use or uses and describe method of conveyance of water to points of use on plat and in "Remarks" section below. Make certain location on plat agrees with written description.

c. A separate map may be submitted if the information required cannot be shown on this plat. See ATTACHED MAP-

R._____W. R._____W.



Scale: 2" = 1 Mile

T._____N.

T._____N.

REMARKS: WELL is to be USED together with Points of USE under permits UW 39163 AND 24104

15. IF WELL IS TO BE ABANDONED, complete Items 1 through 8, Item 12 (Log of Well) and state reason for abandonment and details of the plugging below.

    It is the responsibility of the owner to properly plug or fill in the well in order to prevent contamination of ground water and to cover or cap the well at ground level.

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Alpine Water & Sewer District

x Donna Hubbard

Signature of Owner or Authorized Agent

x June 2, 1989

Date

W.W. 77717

Date of Receipt JUN 12 1989, 19

Date of Priority JUNE 23, 1988

Date of Approval JUNE 28, 1989

for State Engineer R. Gilmer

R-1.

EMERGENCY REQUEST

Form U.W. 5

FILING FEE $2.00

MICRO-FILMED AUG 10'77

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

FOR OFFICE USE ONLY

PERMIT NO. U.W. 39163

WATER DIVISION NO. 4 DISTRICT 8

U.W. DISTRICT LINCOLN CO.

Temporary Filing No. U.W. 11-9-398

NAME AND NUMBER OF WELL

ALPINE WATER DISTRICT NO. 1 (per assignment rec'd 11-1-89) M.A.

1. Name of applicant(s) ~~Town of Alpine~~ ALPINE WATER & SEWER DISTRICT Phone: ~~654-2292~~ (307) 654-7591

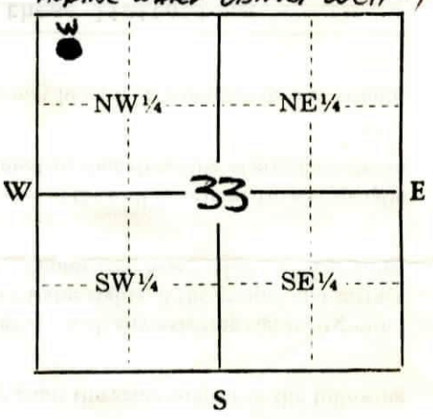
2. Address of applicant(s) ~~P.O. Box 3~~ ~~P.O. Box 239~~ ALPINE, WYOMING Zip: 83128

3. Name & address of agent to receive correspondence and notices DONN H. WOODEN Secretary ~~P.O. Box 3 Alpine, Wyo 83128~~

4. Use to which the water will be applied: Irrigation [ ] Municipal [X] Industrial [ ] Stock Watering [ ] Domestic [ ] Miscellaneous [ ] (Describe completely and accurately) A WATER DISTRICT SERVING COMMERCIAL AND RESIDENTIAL DWELLINGS, 109 TOTAL CONNECTIONS -

5. Location of the well: LINCOLN County, NW ¼ NW ¼ of Sec. 33, T. 37 N., R. 118 W. of the 6th P.M. (or W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot _____, block _____ of the U.S. forest Property Subdivision (or Add'n) of _____
NOTE: Quarter-quarter (40-acre subdivision) **must** be shown. EXAMPLE: SE¼NW¼ of Sec. 12, Township 14 North, Range 68 West.)

Alpine Water District Well #1



Scale: 2" = 1 mile

Above diagram represents one full section. Locate well accurately in small square representing 40 ac.

6. Mark the well location on the section grid to the right. If the proposed well is for irrigation use, sketch and label all irrigation ditches and canals, streams, reservoirs and other wells. Indicate the point of use or lands to be irrigated from this well. Also indicate lands irrigated from other sources.

7. Estimated depth of the well is 200 feet.

8. MAXIMUM quantity of water to be developed and beneficially used: 200 gallons per minute. NOTE: If for domestic or stock use, this application will be processed for a maximum of 25 gallons per minute. SPRINGS: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic or stockwatering, will be considered as ground water appropriations. After approval of this application, some type of artificial diversion must be constructed to qualify for a water right.

9. If for irrigation use,
[ ] Land will be irrigated from this well only.
[ ] Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

10. a. If for irrigation use, describe MAXIMUM acreage to be irrigated. The number of acres to be irrigated in each 40-acre subdivision MUST be shown in the tabulation below.

(b.) If the water is to be utilized for some purpose other than irrigation, the area(s) or point(s) of use MUST be shown in the tabulation below. A MAP OF DISTRICT BOUNDARYS IS ON file WITH ENGINEERS OFFICE

Township	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
37	118W	28			LOT 4					LOT 1									LOTS ARE
37	118W	29			X					X		X	X	X	X	X	X	X	RIVER BORDER LOTS PER G.L.O. MAP

~~See Attachment~~

~~THE ABOVE POINTS OF USE PER PLAT OF ALPINE, WYO~~ (AN UNINCORPORATED MUNICIPALITY) MAP PER PHONE CONVERSATION ON JULY 27, 1977 WITH MR. WOODEN

(1) A COPY OF BY-LAWS AND FORMALIZATION OF ALPINE WATER & SEWER DISTRICT WILL BE FORWARDED TO THIS OFFICE

(2) A COPY OF SPECIAL USE AGREEMENT WITH U.S. FOREST SERVICE CONCERNING LANDS IN ETOH NO 2 IS TO BE FORWARDED.

(3) WATER FROM THIS WELL IS TO BE COMMINGLED WITH SURFACE PERMIT 29104

11. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc. (SEE PLATS FILED IN MISC. PLAT DRAWER UNDER U.W. 11-9-398.

SEE REVERSE SIDE

Permit No. U.W. 39163 Book No. 206 Page No. 50

12. The well is to be constructed on lands owned by U.S. Forest Service. U.S.D.A.
(The granting of a permit does not constitute the granting of right of way. If any easement or right of way is necessary in connection with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not a co-applicant.)

13. The water is to be used on lands owned by ~~Private Individual(s)~~ MEMBERS OF ALPINE WATER & SEWER DIST per call 11/23/77
(If landowner is not the applicant, a copy of the agreement relating to usage of appropriated water on the land should be submitted to this office. If the landowner is included as a co-applicant on the application, this procedure need not be followed.)

REMARKS: Special use Application is in Effect for Our present water System which Begins on U.S. forest Land. An Emergency Special use Application to drill the well to Subsidize the Spring is on file At this Time with the Bridger-Teton forest office At Jackson, Wyo. Special use is pending State Engineers Permit for the well

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

Donald H Worden — Signature of Applicant or Authorized Agent

7-18-77, 19__ — Date

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 20th day of July, A. D. 19 77, at 8:30 o'clock A. M.

Permit No. U.W. 39163

Leroy L. Porter
for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any exisiting rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use, without loss of water into surface formations or at the surface.

Special attention is called to paragraph one (1) of these limitations and conditions as outlined above relating to the interconnection of ground water and surface sources.

Approval of this application may be considered as authorization to proceed with construction of the proposed well.

Construction of well will begin within one (1) year from date of approval. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.

Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 19 78.

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 29th day of July, A.D. 19 77.

George L. Christopulos
GEORGE L. CHRISTOPULOS, State Engineer

MAR 31 1978 NOTICE OF EXPIRATION OF TIME FOR COMMENCEMENT MAILED

MICRO-FILMED MAR 22 '78

May 1, 1978 - Notice of Commencement on March 6, 1978 received. MICRO-FILMED JUN 7 '78

SEP 28 1978 NOTICE OF EXPIRATION OF TIME FOR COMPLETION & COMPLETION OF BENEFICIAL USE MAILED

MICRO-FILMED SEP 30 '78

Section 8, Itemc.

MICRO FILMED MAR 14 1996

U.W. 39163

ATTACHMENT SHEET For Alpine Water District No. 1, Permit No. U.W.39163

"ADDITIONAL CONDITIONS AND LIMITATIONS"

This appropriation, enlarged by Permit No. U.W. 78067 and Permit No. U.W. 98662, in combination with water from the Alpine Water and Sewer District No. 2 Well, Permit No. U.W. 77717, will allow the Town of Alpine to pump a total combined quantity of 225 acre-feet of ground water on an average annual basis and a combined total of no more than 300 acre-feet of ground water in any one calendar year from its municipal well field. Such average annual pumping shall be computed on the basis of ten (10) consecutive years commencing with the calendar year 1995. The Town of Alpine shall pump no more than 2,250 acre-feet of ground water in any one ten (10) year period from its municipal well field provided, however, that the State Engineer may, pursuant to application, permit the Town of Alpine to withdraw additional quantities of ground water.

Twp.	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			Water is used for Municipal Purposes for the Town of Alpine, Wyoming with the Corporate Limits being located within the following described Area:																
37N	118	28										X	X						
37N	118	29			L-7 X				L-5 X	L-6 X		L-5 X							
37N	118	33						X			X	X	X	X	X	X	X	X	
			NOTE: Lot 5 of Sec. 29 being a river border lot located within the described 40 acre quarter-quarters.																

PERMIT NO. U.W. 39163

PERMIT STATUS

Priority Date July 20, 1977 Approval Date July 29, 1977

February 7, 1979 - Statement of Completion on December 4, 1978 received, in affidavit form.
February 7, 1979 - Proof of Beneficial use on December 11, 1978 received in affidavit form.
June 19, 1979 - Linen Map received. (TM #1328D E) MICRO. FILMED JUL 11 '79
February 7, 1979 - Certificate of Ownership received. Origianal Filed in certificate file under ALPINE WATER AND SEWER DISTRICT on November 15, 1979.

MICRO. FILMED JAN 9 '80

PROOF PREPARED, ADJUDICATION IN PROCESS
~~CERT. REC. U.W. _____, P. _____~~
PROOF NO. U.W. _____ AC. _____
~~G.P.M. _____ IRR. ___ STK. ___ DOM. ___ MISC. ___~~

November 10, 1988 - This permit has been enlarged vy Permit No. U.W. 78067 fpr additional yield and points of use. There is no physical enlargement of this well. MICRO FILMED NOV 22 '88

November 1, 1989--Assignment of all right, title and interest in and to this permit assigned from Alpine Water and Sewer District to the Town of Alpine per letters received. See letters filed in Miscellaneous Notices under Permit No. U.W. 39163.

11/21/89
Date

Richard G. Stockdale, Administrator
Ground Water Division

MICRO FILMED MAR 26 '90

The Alpine Water and Sewer District was incorporated as the Town of Alpine, Wyoming on February 8, 1989. Town of Alpine, WY Resolution No. 2-09-20-94 states the Town's desires to pursue their Ground Water Permits of record under a Municipal Use not Miscellaneous Use. Pursuant to the Town of Alpine's request and because the use of water has not changed, designated use of water under this appropriation is hereby changed from Miscellaneous Use to Municipal Use. See Resolution No. 2-09-20-94 filed in "Miscellaneous Notices" under Permit No. U.W. 39163.

3/31/95
DATE

RICHARD G. STOCKDALE, Administrator
Ground Water Division

March 27, 1995 - This permit has been enlarged by Permit No. U.W. 98662 for additional yield only. There is no physical enlargement of this well.

CERT. REC. U.W. 9, P. 458
PROOF NO. U.W. 3655, AC. 0
G.P.M. 200 IRR. ___ STK. ___ DOM. ___ ~~MISC.~~ MUN ✓
MAP NO. 297-E (3 sheets)

MICRO FILMED MAR 14 1996
SCANNED JUN 11 2012

U.W.39163

PERMIT STATUS

Priority Date: July 20, 1977 Approval: July 29, 1977

October 23,, 2008– This permit has been enlarged by Permit No. U.W. 189882 for additional yield and volumetric quantity only. There is no physical enlargement of this well

SCANNED JUN 11 2012

RECEIVED JAN 10 1979 STATE ENGINEER Cheyenne, Wyo.
RECEIVED FEB 7 1979 STATE ENGINEER Cheyenne, Wyo.
MICRO FILMED MAR 14 1996
MICRO FILMED MAR 26 '90
MICRO-FILMED JUL 11 '79

Form U.W. 6

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

IF WELL IS TO BE ABANDONED, SEE ITEM 15, PAGE 4

STATE OF WYOMING

SCANNED JUN 11 2012

OFFICE OF THE STATE ENGINEER

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL

PERMIT NO. U.W. 39163 NAME OF WELL Alpine Water District #1

1. NAME OF OWNER ~~Alpine Water and Sewer District~~ Town of Alpine
2. ADDRESS ~~PO Box 3~~ P.O. Box 239 Alpine, Wyoming Zip Code 83128
3. USE OF WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☒ Industrial ☐ Miscellaneous ☐
   A water district serving commercial and residential dwellings
4. LOCATION OF WELL: NW ¼ NW ¼ of Section 33, T. 37 N., R. 118 W., of the 6th P.M. (or W.R.M.), Wyoming, being specifically
   (Bearing and Distance)
   or 80 ft. ~~North~~ South and 450 ft. East ~~West~~ from the NW corner of Section 33, T. 37 N., R. 118 W.
   (Strike out words not needed).
5. TYPE OF CONSTRUCTION: Drilled ☒ Rotary (Type of Rig) Dug ☐ Driven ☐ Jetted ☐
   Other
6. CONSTRUCTION: Total Depth 275 ft. Depth to Water Level 60 ft.
   a. Casing Schedule New ☒ Used ☐
   10.136" Inside diameter from 0 ft. to 270 ft. Material steel Gage .307"
   diameter from ft. to ft. Material Gage
   diameter from ft. to ft. Material Gage
   b. Perforations: Type of perforator used Acetylene Torch
   Size of perforations ½ inches by 6 inches.
   Number of perforations and depths where perforated:
   3 sets perforations from 180 ft. to 275 feet.
   perforations from ft. to feet.
   c. Was well screen installed? Yes ☐ No ☒
   Diameter: slot size: set from feet to feet.
   Diameter: slot size: set from feet to feet.
   d. Was well gravel packed? Yes ☒ No ☐ Size of gravel ¼" minimum to ½" maximum
   e. Was surface casing used Yes ☒ No ☐ Was it cemented in place? Yes ☐ No ☒
7. NAME & ADDRESS OF DRILLER MCO Drilling Co., Inc. PO Box 13, Alpine, Wyoming 83128
8. DATE OF COMPLETION OF WELL (including pump installation) December 4, 1978
9. PUMP INFORMATION: Manufacturer Jacuzzi Brothers, Inc. Type Submersible
   Source of power 480 volt - 3 phase supplied by Lower Valley Power & Light Horsepower 50 Depth of Pump Setting 175'
   Amount of Water Being Pumped ~~300~~ 200 Gallons Per Minute.
   ADD

Permit No. U.W. 39163 Book No. 206 Page No. 50

U.W.

10. **PUMP TEST:** Was a pump test made? Yes ☒ No ☐

If so, by whom MCO Drilling Co., Inc. Address PO Box 13, Alpine, Wyoming 83128

Yield: 300 gal./min. with 25' foot drawdown after 24 hours.

Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

11. **FLOWING WELL** (Owner is responsible for control of flowing well).

If well yields artesian flow, yield is _____ gal./min. Surface pressure is _____ lb./sq. inch, or _____ feet of water.

The flow is controlled by: valve ☐ cap ☐ plug ☐

Does well leak around casing? Yes ☐ No ☐

12. **LOG OF WELL:** Total depth drilled 275 feet.

Depth of completed well 275 feet. Diameter of well 10 inches.

Depth to first water bearing formation 42 feet.

Depth to principal water bearing formation Top 180 feet to Bottom 265 feet.

Ground Elevation, if known 5660

From Feet	To Feet	Material Type, Texture, Color	REMARKS (Cementing, Shutoff, Packing, etc.)	Indicate Water Bearing Formation	Indicate Perforated Casing Location
0	52	Well-graded gravel with cobbles		5 GPM @ 42'	
52	57	Grey clay			
57	60	Sand			
60	88	Well-graded gravel with cobbles			
88	89	Grey clay			
89	135	Well-graded gravel with cobbles			
135	136	Clay			
136	138	White sand			
138	139	Grey clay			
139	142	Well-graded gravel with cobbles			
142	155	Grey sand			
155	162	Grey sand and shale			
162	180	Grey shale		10 GPM	
180	203	Well-graded gravel		20 GPM	Perforations
203	225	Fractured limestone		30 GPM	180' - 275'
225	265	Well-graded gravel		40 GPM	
265	275	Grey clay & fractured limestone		50 GPM	

QUALITY OF WATER INFORMATION:

Was a chemical analysis made? Yes ☒ No ☐

If so, please include a copy of the analysis with this form.

If not, do you consider the water as: Good ☒ Acceptable ☐ Poor ☐ Unusable ☐

4039/63

13. TABULATION

a. If for irrigation, the land proposed to be irrigated should be described in the following tabulation. Describe in the "Remarks" section, under Item 14, the means of conveying the water to the lands and the method of irrigation.

(Give irrigable acreage in each legal subdivision. If proposed use is for supplemental supply for lands with a right from another source, indicate in the tabulation the priority or permit number, the source of supply and the name of the ditch or other well.)

b. If not used for irrigation, show the area and point(s) of use and location of well in the tabulation below. Also describe the method of conveyance in the "Remarks" section under Item 14.

Township	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

TOTAL NUMBER OF ACRES TO BE IRRIGATED_____

Original Supply_____acres

Supplemental Supply_____acres

14. PLAT

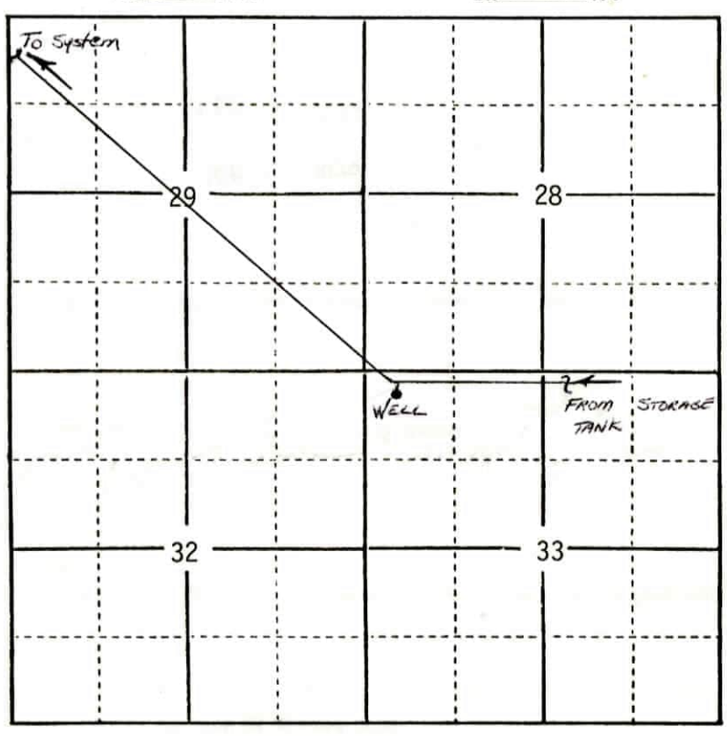
a. If the well is to be used for irrigation, industrial, miscellaneous or municipal use, show the location of the well on the plat below. For such uses, a plat certified by a licensed engineer or land surveyor is required to be submitted at the time the Proof of Appropriation and Beneficial Use of Ground Water is submitted.

b. For other uses, accurately show the well location, point of use or uses and describe method of conveyance of water to points of use on plat and in "Remarks" section below. Make certain location on plat agrees with written description.

c. A separate map may be submitted if the information required cannot be shown on this plat.

R. 118 W. R. 118 W.

Scale: 2" = 1 Mile



REMARKS: The Alpine Well #1 is connected to the existing water distribution system serving Alpine, Wyoming. This system includes a 40,000 gallon storage tank which supplies water through gravity flow.

O.W. 3

15. **IF WELL IS TO BE ABANDONED, complete Items 1 through 8, Item 12 (Log of Well) and state reason for abandonment below.**

It is the responsibility of the owner to properly plug or fill in the well in order to prevent contamination of ground water and to cover or cap the well at ground level.

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Peter M. Jorgensen Consulting Engineer Agent — January 9, 1979

Signature of Owner or Authorized Agent — **Date**

Date of Receipt JAN 10 1979, 19____.
FEB 7 1979

Date of Priority July 20, 19 77

Date of Approval June 28, 19 79

Richard D. Stockdale
for State Engineer

State of Wyoming)
ss
County of Teton)

I , Peter M. Jorgensen, hereby certify that Alpine Water District No. 1 well was completed and the pump installed December 4, 1978.

Peter M. Jorgensen, Agent for Alpine Water and Sewer District

The foregoing instrument was acknowledged before me by Peter M. Jorgensen this 31st day of January, 1979.

Witness my hand and official seal.

Mary S. Shoup
Notary Public

My commission expires: March 31, 1980

1-3-12
~~12-27-11~~ RCVD
2569 $50.00 OH
2570 $25.00 PJ

FORM U.W. 5
Rev. 6/07
FILING FEE SCHEDULE
ON REVERSE SIDE

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002
(307) 777-6163

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and /or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

Temporary Filing No. U.W. 42-5-518

PERMIT NO. U.W. 198240
WATER DIVISION NO. 4 DISTRICT 12
U.W. DISTRICT Lincoln County

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING: ALPINE WELL NO.3

1. Name of applicant(s): TOWN OF ALPINE Phone: 307-654-7754

2. Address of applicant(s): P.O. Box 3070 Alpine WY 83128
(MAILING ADDRESS) (CITY) (STATE) (ZIP)

3. Name & address of agent to receive correspondence and notices: Robert Ablondi; Rendezvous Engineering
P.O. Box 4858 Jackson WY 83001 Phone: 307-733-5252
(MAILING ADDRESS) (CITY) (STATE) (ZIP)

4. Use to which the water will be applied:

☐ Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totaling one acre or less. Number of houses served?____.

☐ Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks?____.

☐ Irrigation: Watering of any lands for agricultural purposes not covered by the definition of domestic use (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).

☒ Municipal: Use of water in incorporated Towns and Cities. Note 1: use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. is classified as miscellaneous use. Note 2: a permit may be required by the Wyoming Department of Environmental Quality (WDEQ) if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)

☐ Miscellaneous: Any use of water not defined under previous definitions such as stock water pipelines, subdivisions, mine dewatering, mineral/oil exploration drilling, potable supplies in office, etc. (Describe in Remarks). Note: a permit may be required by the WDEQ if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Coalbed Methane: Water produced in the production of coal bed methane gas. Note: wells used in the production of coal bed methane gas will require a permit from the Wyoming Oil and Gas Conservation Commission.

☐ Monitor, Observation: Note: a WDEQ permit may be required ☐ Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/ 4 NW 1/ 4 of Sec. 12, Township 14 North, Range 68 West.)
Lincoln County, NW 1/4 NW 1/4 of Sec. 33, T. 37 N., R. 118 W. of the 6th P.M. (W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot/Tract ___ Block ___ of the ___ Subdivision (or Add'n) of ___. Resurvey Location: Tract ___, (or Lot) ___.
Dep. Resurveyed per 610

6. Estimated depth of the well or spring is 267 feet. Estimated production interval is 215 ft. to 267 ft.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: ~~700~~ 650 Adj. Amt. gallons per minute. NOTE: if for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 300 acre feet. Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons.

8. Mark the point(s) or area(s) of use in the tabulation box below. Note: Upper row refers to the quarter of the section. Next row refers to the quarter of the quarter section.

TABULATION BOX See Attachment Sheet

TWP	RNG	SEC	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
37N	118W	28									OUT	x	x						
37N	118W	29			x (LOT 7)				(LOT 6) x		x	x (LOT 5)	x	x	x	x	x	x	
37N	118W	30									x			x	x (LOT 8)	x	x	x	

Dep. Resurveyed per 610

SEE REVERSE SIDE

Permit No. U.W. 198240 Book No. 1427 Page No. 40

9. If for irrigation use:
   a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
   b. ☐ Land will be irrigated from this well only.
   c. ☐ Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: _____

11. The well or spring is to be constructed on lands owned by United States Department of Agriculture
(The granting of a permit does not constitute the granting of a right-of-way. If any easement or right-of-way is necessary in connection with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by Town of Alpine
(If the landowner is not the applicant, a copy of the agreement relating to the usage of the appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.) NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: This application seeks a refiling of test well drilled as UW184354. Water from this appropriation shall be co-mingled with permit 39163 (enl. 78067, 98662, and 189882) and also with permit 77717 (enl.189883).

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

Signature of Applicant or Authorized Agent

12/23 , 20 11
Date

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)	$25.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS, COAL BED METHANE	$50.00
MONITOR (For water level measurements or chemical quality sampling) or TEST WELL	No Fee

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 3 day of January, A.D. 20 12, at 9:38 o'clock A. M.

Permit No. U.W. 198240

for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.

Coal Bed Methane wells have Additional Conditions and Limitations on attachment sheet.

FOR ADDITIONAL CONDITIONS AND LIMITATIONS SEE ATTACHED STATUS SHEET.

This permit and accompanying notices serve to register an existing well and establish a valid water right for the same. Time limit for Completion of Construction and Completion of Beneficial Use is waived.

~~Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.~~

~~Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 20____.~~

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 26TH day of June, A.D. 20 12.

PATRICK T. TYRRELL, State Engineer

ATTACHMENT SHEET FOR Alpine Well No. 3, PERMIT # U.W. 198240

TWN	RGE	SEC	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
Dep. Resurvey			Water from this well will be used for municipal purposes, within the Town of Alpine's Service area as described below. The water from this well will be commingled with water from: 1. Alpine Water District No. 1 Well, Permit No. U.W. 39163, 2. First Enlargement of Alpine Water District No. 1 Well, Permit No. U.W. 78067, 3. 2nd Enlargement Alpine Water District No. 1 Well, Permit No. U.W. 98662, 4. 3rd Enlargement Alpine Water District No. 1 Well, Permit No. U.W. 189882, 5. Alpine Water & Sewer District Well #2, Permit No. U.W. 77717, 6. First Enlargement Alpine Water & Sewer District Well #2, Permit No. U.W. 189883, 7. Original supply from Mill Creek Spring Area, tributary Mill Creek, tributary Pine Creek, tributary Grey's or John Day's River, tributary Snake River through the Alpine Water and Sewer District Pipeline under Permit No. 24104D, priority July 9, 1973, and 8. Supplemental supply Mill Creek Spring Area, tributary Mill Creek, tributary Pine Creek, tributary Grey's or John Day's River, tributary Snake River through the Enlargement Alpine Water and Sewer District Pipeline under Permit No. 6910E, priority December 27, 1985.																
37	118	28									X	X	X	X					per proof kc
37	118	29			X Lot 7					X Lot 6	X	X Lot 5	X	X	X	X	X	X	
37	118	30									X			X	X Lot 7	X Lot 8	X	X	

PERMIT NO. U.W. 198240
T.F. No. 42-5-518

PERMIT STATUS

Priority Date: January 3, 2012 **Approval Date:** JUN 26 2012

The water appropriated under this groundwater permit and the waters of the **Greys River** and its tributaries have been determined to constitute one source of supply and the provisions of Section 41-3-916, Wyoming Statutes, shall apply as follows:

> "41-3-916. Priority of rights when 1 source of supply. Where underground waters in different aquifers are so interconnected as to constitute in fact one source of supply, or where underground waters and the waters of surface streams are so interconnected as to constitute in fact one source of supply, priorities of rights to the use of such interconnected waters shall be correlated and such single schedule of priorities shall relate to the whole common water supply. The state engineer may by order adopt any of the corrective controls specified in section 17 of this act [41-3-915]. Source: Laws 1957, ch. 169, 18;W.S. 1957, 41-133."

As such, any required regulation of the water rights of the **Greys River** and its tributaries in the future shall consider this permit under the priority date shown, together with all other rights to use water from the **Greys River** and its tributaries.

ADDITIONAL CONDITIONS AND LIMITATIONS:

1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.

2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well and other wells used to supply water to the Alpine Water & Sewer District each month during the previous January 1 to December 31, twelve (12) month period.

3. The report shall identify the well(s) by name(s), location(s), permit number(s) and shall identify the type of meter(s) used for the measurement(s).

4. The report shall contain at least two (2) semi-annual measurements of the pumping water level in this well and the other wells used to supply water to the Alpine Water & Sewer District, as measured after a minimum of twenty-four (24) consecutive hour of pumping. The dates the measurements were obtained and the period of time the well was pumped prior to obtaining the measurements must be specified.

5. The report shall contain at least two (2) semi-annual measurements of the static water level in this well and the other wells used to supply water to the Alpine Water & Sewer District, as measured twenty-four (24) consecutive hours after pumping has ceased. The dates the measurements were obtained and the period of time the well and the other wells were "shut-in" prior to obtaining the measurements must be specified.

6. Water produced from Alpine Water District No. 1 Well, Permit No. U.W. 39163, First Enlargement of Alpine Water District No. 1 Well, Permit No. U.W. 78067, 2nd Enlargement Alpine Water District No. 1 Well, Permit No. U.W. 98662, 3rd Enlargement Alpine Water District No. 1 Well, Permit No. U.W.

189882, Alpine Water & Sewer District Well #2, Permit No. U.W. 77717, First Enlargement Alpine Water & Sewer District Well #2, Permit No. U.W. 189883, and Alpine Well No. 3, T.F. No. 42-5-518 shall not exceed:

a. an annual average combined total of 400 acre-feet.
b. a combined total of 500 acre-feet in any one given year.
c. a total of 4,000 acre-feet in any consecutive 10-year period.

7. The State Engineer may, upon written request, waive or modify all or any portion of these conditions and limitations.

June 26, 2012
Date of Approval

Lisa Lindemann, Administrator
Ground Water Division

COPY OF THIS PERMIT MAILED TO:
JADE HENDERSON – SUPERINTENDENT
WATER DIVISION IV
PO BOX 277
COKEVILLE, WY 83114

December 27, 2011 - Statement of Completion on September 1, 2011 received.

December 27, 2011 - Proof of Beneficial Use on September 1, 2011 received.

Cert. Rec. U.W. 20 Page 283
Proof No. U.W. 6818 Acres
G.P.M. 650 Irr. Sto. Dom.
Misc. Mun. X Ind.
Map No. 1644E

SCANNED FEB 04 2015

FORM U.W.6
Rev. 1/07

RECEIVED
DEC 27 2011
STATE ENGINEERS
CHEYENNE, WYOMING

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E
CHEYENNE, WYOMING 82002

(307) 777-6163

SCANNED FEB 04 2015

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black pen.

PERMIT NO. U.W. 198240 NAME OF WELL/SPRING ALPINE WELL No.3

1. NAME OF OWNER Town of Alpine

2 ADDRESS P.O. Box 3070
☐ Please check if address has changed from that shown on permit
City Alpine State WY Zip Code 83128 Phone No. 307-654-7754

3. USE OF WATER ☐ Domestic ☐ Stock Watering ☐ Irrigation ☒ Municipal ☐ Industrial ☐ Miscellaneous
☐ Monitor or Test ☐ Coal Bed Methane Explain proposed use (Example: One single family dwelling)
Supplement the existing municipal supply wells for Town of Alpine

4. LOCATION OF WELL/SPRING NW 1/4 NW 1/4 of Section 33 T, 37 N.,R. 118 W., of the 6th P.M. (or W.R.M.) Vok
Subdivision Name _____ Lot _____ Block _____
Resurvey Location Tract _____ or Lot _____ Datum ☐ NAD27 ☐ NAD83 _____
Geographic Coordinates: Latitude 43d 09'20.48" N Longitude 111d 00'15.05" W (degrees, minutes, seconds)
UTM: Zone _____ Northing _____ Easting _____ (meters)
State Plane Coordinates: Zone _____ Northing _____ Easting _____ (feet)
Land surface elevation (ft. above mean sea level) 5700 Datum ☐ NAVD29 ☐ NAVD88
Source ☐ GPS ☒ Map ☐ Survey ☐ Unkown ☐ Other ☐ Altimeter (for elevation only)

5. TYPE OF CONSTRUCTION ☒ Drilled Dual Air Rotary ☐ Dug ☐ Driven ☐ Other
Describe Foremost DR24

6. CONSTRUCTION Total depth of well/spring 267 ft.
Depth of static water level 75 ft. (below land surface) Casing height 1.5 ft. above ground
a. Diameter of borehole (bit size) 10.75 inches
b. Casing schedule ☒ New ☐ Used Joint type ☐ Threaded ☐ Glued ☒ Welded
10" diameter from 1.5 ft. to -230 ft. Material Steel Gage _____
_____ diameter from _____ ft. to _____ ft. Material _____ Gage _____
c. Cemented/grouted interval, from _____ ft. to _____ ft.
Amount of cement/grout used _____ (example: 10 sacks) type _____ (example: bentonite pellets)
d. Type of completion ☐ Customized perforations ☐ Open hole ☒ Factory screen
Type of perforator used _____
Size of perforations _____ inches by _____ inches.
Number of perforations and depths where perforated
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
Open hole from _____ ft. to _____ ft.
Well screen details
Diameter 10" Telescope slot size .125" set from 230 ft. to 267 ft.
Diameter _____ slot size _____ set from _____ ft. to _____ ft.
e. Well development method Rig air & test pump How long was well developed? 15hr
f. Was a filter/gravel pack installed? ☐ Yes ☒ No Size of sand/gravel _____
Filter/gravel pack installed from _____ ft. to _____ ft.
g. Was surface casing used? ☒ Yes ☐ No Was it cemented in place? ☐ Yes ☒ No Well was drilled prior to 2010 K
Surface casing installed from 2 ft. to -30 ft.

7. NAME AND ADDRESS OF DRILLING COMPANY Weber Drilling, 1305 Gregory Ln, Jackson WY

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) September 1, 2011 Rec'd 12-27-11 PT

9. PUMP INFORMATION Manufacturer Robbco Type 7THC, 5-stage submersible
Source of power Utility Horsepower 75 Depth of pump setting or intake 209 ft.
Amount of water being pumped ~~700~~ 650 Adj. Amt. gal./min.* (For springs or flowing wells, see item 10)
Total volumetric quantity used per calendar year.* Applicaiton for 300 ac.ft.
*If these amounts exceed permitted amount an enlargement is required.

10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well)
If artesian flow or spring, yield is _____ gal./min. *Surface pressure is _____ lb./sq.inch, or _____ feet of water.
The flow is controlled by ☐ Valve ☐ Cap ☐ Plug
Does well leak around casing? ☐ Yes ☐ No

Permit No. U.W. 198240 Book No. 1427 Page No. 40

SEE REVERSE SIDE

11. IF SPRING, HOW WAS IT CONSTRUCTED? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right) _____

12. PUMP TEST Was a pump test conducted? ☒ Yes ☐ No
If so, by whom Weber Drilling, monitored by Rendezvous Engineering
Yield 600 gal./min. with 67 ft. drawdown after 1 hours
Yield 500 gal./min. with 122 ft. drawdown after 18 hours

13. LOG OF WELL Total depth drilled _____ ft.
Depth of completed well 267 ft. Diameter of well 10 inches
Depth to first water bearing formation 115 ft.
Depth to principal water bearing formation Top 230 ft. to Bottom 265 ft.

DRILL CUTTINGS DESCRIPTION

From Feet	To Feet	Rock Type or Description	Formation	Water Bearing? (Yes or no)
Surface	45	Sandy Clays, brown	Salt Lake	no
45	115	Gravel & sand	Salt Lake	no
115	195	Frac. Limestone, black	Madison	no
195	215	Brown Clay	Madison	no
215	267	Frac. Limestone, grey	Madison	Yes

14. DOES A GEOPHYSICAL LOG ACCOMPANY THIS FORM? ☐ Yes ☒ No

15. QUALITY OF WATER INFORMATION

Does a chemical and/or bacteriological water quality analysis accompany this form? ☒ Yes ☐ No
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well (contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984).
If not, do you consider the water as ☐ Good ☐ Acceptable ☐ Poor ☐ Unusable

REMARKS This well was originally filed as a test well for the WWDC under UW 184354. Application for municipal supply accompanies this form. Water from this well will be comingled with Well No.1 (Permit 39163, 78067 enl, 98662 enl, 189882 enl) and Well No. 2 (Permit 77717, 189883 enl)

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct, and complete.

_____ 12/23 ,20 11
Signature of Owner or Authorized Agent — Date

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 198240

Date of Receipt DEC 27 2011 , 20____ Date of Approval 6/21/12 , 20____

Date of Priorty _____ , 20____ _____ for State Engineer

DEC 31 2011

FORM U.W. 5
Rev. 3-95
FILING FEE SCHEDULE
ON REVERSE SIDE

STATE OF WYOMING

MICROFILMED FEB 20 1996

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and/or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY
PERMIT NO. U.W. 101242
WATER DIVISION NO. 4 DISTRICT 12
U.W. DISTRICT Lincoln Co.

Temporary Filing No. U.W. 24-8-258

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING Flying Saddle Lodge #2

1. Name of applicant(s) Bordean W. Clinger (Flying Saddle Lodge) Phone: 307-654-7561

2. Address of applicant(s) P. O. Box 227, (MAILING ADDRESS) Alpine, (CITY) WY (STATE) 83128 (ZIP)

3. Name & address of agent to receive correspondence and notices Same as above
(MAILING ADDRESS) (CITY) (STATE) (ZIP) Phone:

4. Use to which the water will be applied:

- ☐ Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less. Number of houses served? _____ .
- ☐ Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks? _____ .
- ☐ Irrigation: Watering of commercially grown crops (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).
- ☐ Municipal: Use of water in incorporated Towns and Cities (use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. are classified as miscellaneous use).
- ☐ Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)
- ☒ Miscellaneous: Any use of water not defined under previous definitions such as stockwater pipelines, subdivisions, mine dewatering, mineral / oil exploration drilling, reclamation purposes, potable and sanitary supplies in offices or light manufacturing, animal waste management, etc. Describe miscellaneous use completely: 26 UNIT MOTEL
- ☐ Monitor, Observation or ☒ Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/4 NW 1/4 of Sec. 12, Township 14 North, Range 68 West.)
Lincoln County, SW 1/4 NW 1/4 of Sec. 20, T. 37 N., R. 118 W. of the 6th P.M. (or W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot ____ Block ____ of the _____ Subdivision (or Add'n) of _____. Resurvey Location: Tract _____, (or Lot) _____.

6. Estimated depth of the well or spring is 160 feet.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: 600 GPM gallons per minute. NOTE: If for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 500,000 g/yr. Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons. * 26 motel units, double occupancy, 4 months per yr.

8. Mark the point(s) or area(s) of use in the tabulation box below.

TABULATION BOX

			NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTAL
TWP	RNG	SEC	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
37	118	20							X										
							Motel and lawn												

9. If for irrigation use:
a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
b. ☐ Land will be irrigated from this well only.
c. ☐ Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: _____

SEE REVERSE SIDE

Permit No. U.W. 101242 Book No. 781 Page No. 43

11. The well or spring is to be constructed on lands owned by Bordean N Clinger Flyn
(The granting of a permit does not constitute the granting of right-of-way. If any easement or right-of-way is necessar
with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by Bordean W. & Carolyn Clinger
(If the landowner is not the applicant, a copy of the agreement relating to the usage of appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.)
NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: _____

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

Bordean N Clinger — Signature of Applicant or Authorized Agent

27 Sept, 19 95 — Date

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)	$25.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS	$50.00
MONITOR (For water level measurements or chemical quality sampling) or TEST WELL	NO FEE

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 12th day of December, A.D. 19 95, at 10:35 o'clock A.M.

Permit No. U.W. 101242

for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.

This permit and accompanying notices serve to register an existing well and establish a valid water right for the same. Time limit for Completion of Construction and Completion of Beneficial Use is waived.

~~Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.~~

~~Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 19~~ .

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 16th day of JANUARY, A.D. 1996.

Gordon W. Fassett, State Engineer

December 11, 1995 - Statement of Completion in 1949 received.
January 05, 1996 - Proof of Beneficial Use in 1985 received.

MICRO FILMED FEB 20 1996

PERMIT NO. U.W. 101242

PERMIT STATUS

Priority Date: December 12, 1995 Approval Date: January 16, 1996

September 12, 2006 - This permit has been enlarged by Permit No. U.W. 178319 for additional yield, volumetric quantity and points of use only. There is no physical enlargement of this well.

June 12, 2007 - This permit has been enlarged by Permit No. U.W. 182140 for additional yield, points of use and volumetric quantity of water only. There is no physical enlargement of this well.

SCANNED NOV 22 2013

FORM U.W.6
REV. 5-93

MICRO FILMED FEB 20 1996

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BUILDING
CHEYENNE, WYOMING 82002
(307) 777-5959

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

SCANNED NOV 22 2013

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

PERMIT NO. U.W. 101241 NAME OF WELL (SPRING) _____

1. NAME OF OWNER Bordean W. Clinger (Flying Saddle Lodge) ~~#~~ 1

2. ADDRESS P. O. Box 227 Alpine, WY 83128
Please check if address has changed from that shown on permit. ☐
City Alpine State WY Zip Code 83128 Phone No. 307-654-7561

3. USE OF WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous ☒
Explain proposed use (Example: One single family dwelling) Commercial
26 unit motel complex sprinkler system

4. LOCATION OF WELL (SPRING): ~~SW~~ SE ¼ ~~NW~~ SE ¼ of Section 20, T. 37 N., R. 118 W., of the 6th P.M. (or W.R.M.), 05 (LOT 1 R.S.) BOC DOCKET NO. IV-4-2011-3-1

Subdivision Name _____ Lot _____ Block _____

If surveyed, bearing, distance and reference point: _____

5. TYPE OF CONSTRUCTION: Drilled ☐ _____ Dug ☐ Driven ☐ Other ☐
(Type of Rig)
Describe: _____

6. CONSTRUCTION: Total Depth of Well/Spring 162.9 ft. Depth to Static Water Level 40 ft.
a. Diameter of borehole (Bit size) 6" inches. (Below land surface)

b. Casing Schedule New ☒ Used ☐
6" diameter from 0 ft. to ~~120~~ 162.9 ft. Material Steel Gage .250
_____ diameter from _____ ft. to _____ ft. Material _____ Gage _____

c. Was casing cemented: Yes ☒ No ☐ Cemented Interval, From _____ feet to _____ feet.

d. Number of sacks of cement used _____ type of cement _____

e. Perforations: Type of perforator used Cutting torch.
Size of perforations 1/4" inches by 6" inches.
Number of perforations and depths where perforated:
370 perforations from 80 ft. to 160 feet.
_____ perforations from _____ ft. to _____ feet.

f. Was well screen installed? Yes ☒ No ☐
Diameter: _____ slot size: _____ set from _____ feet to _____
Diameter: _____ slot size: _____ set from _____ feet to _____

g. Was well gravel packed? Yes ☐ No ☒ Size of gravel _____

h. Was surface casing used: Yes ☒ No ☐ Was it cemented in place? Yes ☐ No ☐

RECEIVED DEC 11 1995 STATE ENGINEER Cheyenne, Wyo.

RECEIVED OCT 06 1995 STATE ENGINEER Cheyenne, Wyo.

7. NAME & ADDRESS OF DRILLING COMPANY Thomas drilling Afton Wy

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) ~~10~~ 5/5/82

9. PUMP INFORMATION: Manufacturer ~~Hydro~~ Red Jacket Type submerable
Source of power elect Horsepower 5 Depth of Pump Setting or intake ~~100~~ 90 ft.
Amount of Water Being Pumped 30 Gallons Per Minute. (For Springs or flowing wells, see item 10)
Total Volumetric Gallons Used Per Calendar Year. ~~Unk~~ Period of 4 months ea yr.
500,000 gal/year per NWS 9/96

10. FLOWING WELL (Owner is responsible for control of flowing well).
If well yields artesian flow, yield is _____ gal./min. Surface pressure is _____ lb./sq. inch, or _____ feet of water.
The flow is controlled by: valve ☐ cap ☐ plug ☐
Does well leak around casing? Yes ☐ No ☒

Permit No. U.W. 101241 Book No. 781 Page No. 42

UW 10/241

11. If spring, how was it constructed? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right.) _____

12. PUMP TEST: Was a pump test made? Yes ☒ No ☐
If so, by whom Vaughn Thomas Address Afton, Wy
Yield: 80 gal./min. with 6 foot drawdown after 1 hours.
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

13. LOG OF WELL: Total depth drilled 120 feet.
Depth of completed well 120 feet. Diameter of well 6 inches.
Depth to first water bearing formation 30 feet.
Depth to principal water bearing formation. Top 40 feet to Bottom 120 feet.

Ground Elevation, if known 49158

✓ **DRILL CUTTINGS DESCRIPTION:**

From Feet	To Feet	Material Type, Texture Color	Remarks (Cementing, Shutoff)	Indicate Water Bearing Formation & Name	Indicate Perforated Casing Location
0	2	Top Soil			
2	20	Clay & Gravel			
20	40	" " "			
40	60	GRAVEL		water at 80 ft	
60	80	GRAVEL & SAND			
80	100	" " "			
100	120	" " "			
120	140	" " "			
140	155	" " "			
155	162.9	GRAVEL & CLAY			

14. QUALITY OF WATER INFORMATION:
Does a chemical and/or bacteriological water quality analysis accompany this form? Yes ☐ No ☐
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well. (Contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984.)
If not, do you consider the water as: Good ☒ Acceptable ☐ Poor ☐ Unusable ☐

REMARKS: Document reviewed and accepted 4/10/2013, location correctly on petition and UW 178318 and UW 182134. gpm
This was an existing well.

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Bordeau N Clevenger
Signature of Owner or Authorized Agent

12 Sept, 19 95
Date

FOR STATE ENGINEER'S USE ONLY

Date of Receipt DEC 11 1995 ~~OCT 06 1995~~, 19 _____

Date of Priority DEC 11 1995, 19 _____

Date of Approval 4/10, ~~19~~ 2013

for State Engineer

FORM U.W.6
REV. 5-93

MICRO FILMED FEB 20 1996

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BUILDING
CHEYENNE, WYOMING 82002
(307) 777-5959

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

SCANNED NOV 22 2013

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

PERMIT NO. U.W. 101242 NAME OF WELL (SPRING) _____

1. NAME OF OWNER Bordean W. Clinger (Flying Saddle Lodge) # 2

2. ADDRESS P. O. Box 227
Please check if address has changed from that shown on permit. ☐
City Alpine State WY Zip Code 83128 Phone No. 307-654-7561

3. USE OF WATER: Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous ☒
Explain proposed use (Example: One single family dwelling) 26 motel units 4 month/yr.

4. LOCATION OF WELL (SPRING): ___ ¼ ___ ¼ of Section 20, T. 37 N., R. 118 W., of the 6th P.M. (or W.R.M.),
Subdivision Name _____ Lot _____ Block _____
If surveyed, bearing, distance and reference point: _____

5. TYPE OF CONSTRUCTION: Drilled ☒ X _____ Dug ☐ Driven ☐ Other ☐
(Type of Rig)
Describe: _____

6. CONSTRUCTION: Total Depth of Well/Spring ~~700~~ 120 ft. Depth to Static Water Level 60 ft.
a. Diameter of borehole (Bit size) 6" inches. (Below land surface)

b. Casing Schedule New ☒ Used ☐
8" diameter from 0 ft. to ~~120~~ 30 ft. Material _____ Gage _____
6" diameter from 30 ft. to 120 ft. Material _____ Gage _____

c. Was casing cemented: Yes ☐ No ☐ Cemented Interval, From _____ feet to _____ feet.

d. Number of sacks of cement used _____ type of cement _____

e. Perforations: Type of perforator used _____
Size of perforations _____ inches by _____ inches.
Number of perforations and depths where perforated:
_____ perforations from _____ ft. to _____ feet.
_____ perforations from _____ ft. to _____ feet.

RECEIVED DEC 11 1995 STATE ENGINEER Cheyenne, Wyo.

RECEIVED OCT 06 1995 STATE ENGINEER Cheyenne, Wyo.

f. Was well screen installed? Yes ☐ No ☒
Diameter: _____ slot size: _____ set from _____ feet to _____.
Diameter: _____ slot size: _____ set from _____ feet to _____.

g. Was well gravel packed? Yes ☐ No ☒ Size of gravel _____

h. Was surface casing used: Yes ☒ No ☐ Was it cemented in place? Yes ☒ No ☐

7. NAME & ADDRESS OF DRILLING COMPANY ~~[illegible]~~ Bureau of Reclamation, USGov.

8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 1949 ~~50~~

9. PUMP INFORMATION: Manufacturer Myers Type Submergible
Source of power Elect. Horsepower 5 Depth of Pump Setting or intake 180 ft.
Amount of Water Being Pumped 50 Gallons Per Minute. (For Springs or flowing wells, see item 10.)
Total Volumetric Gallons Used Per Calendar Year. _____

10. FLOWING WELL (Owner is responsible for control of flowing well).
If well yields artesian flow, yield is _____ gal./min. Surface pressure is _____ lb./sq. inch, or _____ feet of water.
The flow is controlled by: valve ☐ cap ☐ plug ☐
Does well leak around casing? Yes ☐ No ☐

Permit No. U.W. 101242 Book No. 781 Page No. 43

UW 101242

11. If spring, how was it constructed? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right.) _____

12. PUMP TEST: Was a pump test made? Yes ☒ No ☐
If so, by whom [redacted] US Govermt Address [redacted] Boise, Idaho.
Yield: 60 gal./min. with _____ foot drawdown after _____ hours.
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

13. LOG OF WELL: Total depth drilled _____ feet.
Depth of completed well 120 feet. Diameter of well 6" inches.
Depth to first water bearing formation 60 feet.
Depth to principal water bearing formation. Top _____ feet to Bottom _____ feet.

Ground Elevation, if known 4900 ft

DRILL CUTTINGS DESCRIPTION:

From Feet	To Feet	Material Type, Texture Color	Remarks (Cementing, Shutoff)	Indicate Water Bearing Formation & Name	Indicate Perforated Casing Location
		Not available - Estimated			
0	2	Top soil			
2	20	Clay & Gravel			
20	40	" "			
60	80	Gravel & sand			
80	100	" "			
100	120	" "			

14. QUALITY OF WATER INFORMATION:
Does a chemical and/or bacteriological water quality analysis accompany this form? Yes ☐ No ☐
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well. (Contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984.)
If not, do you consider the water as: Good ☒ Acceptable ☐ Poor ☐ Unusable ☐

REMARKS: [redacted] Drillers Not known - completed & drilled by US Gov Bureau of Reclamation.

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Brian N Clevinger
Signature of Owner or Authorized Agent

22 Sept, 1995
Date

DEC 1 1 1995

FOR STATE ENGINEER'S USE ONLY

Date of Receipt ~~OCT 0 6 1995~~, 19 _____ Date of Approval _____, 19 _____

Date of Priority _____, 19 _____

for State Engineer

* not. This well was drilled & permitted by the Bureau of reclamation year 1949-50. Logs, permits etc were lost in a fire of The main Lodge in 1977. I talked with mr Perry and he said to estimate as best I could - which I have - as above BNC

FORM U.W. 5
Rev. 3-95
FILING FEE SCHEDULE
ON REVERSE SIDE

MICRO FILMED FEB 20 1996

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and/or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

PERMIT NO. U.W. 101241
WATER DIVISION NO. 4 DISTRICT 12
U.W. DISTRICT Lincoln Co.

Temporary Filing No. U.W. 24-7-258

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING FLYING SADDLE LODGE #1

1. Name of applicant(s) Bordean W. Clinger (Flying Saddle Lodge) Phone: 307-654-7561

2. Address of applicant(s) P. O. Box 227 (MAILING ADDRESS) Alpine, (CITY) WY (STATE) 83128 (ZIP)

3. Name & address of agent to receive correspondence and notices Same As Above

(MAILING ADDRESS) (CITY) (STATE) (ZIP) Phone:

4. Use to which the water will be applied:

- [ ] Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less. Number of houses served? NONE
- [ ] Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks? _____.
- [ ] Irrigation: Watering of commercially grown crops (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).
- [ ] Municipal: Use of water in incorporated Towns and Cities (use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. are classified as miscellaneous use).
- [ ] Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)
- [x] Miscellaneous: Any use of water not defined under previous definitions such as stockwater pipelines, subdivisions, mine dewatering, mineral / oil exploration drilling, reclamation purposes, potable and sanitary supplies in offices or light manufacturing, animal waste management, etc. Describe miscellaneous use completely: ~~26 motel units~~ Sprinkler system for 26 motel units

- [ ] Monitor, Observation or [ ] Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/4 NW 1/4 of Sec. 12, Township 14 North, Range 68 West.) SESE Original Survey Per BOC Docket No. IV-U-2011-3-1 SRC
Lincoln County, SW 1/4 NW 1/4 of Sec. 20, T. 37 N., R. 118 W. of the 6th P.M. (or W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot ____ Block ____ of the _____ Subdivision (or Add'n) of _____. Resurvey Location: Tract _____, (or Lot) 1.

6. Estimated depth of the well or spring is 180 feet.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: 55 GPM gallons per minute. NOTE: If for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 500,000 g/yr.
Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons.

* Sprinkler system covers approx. 4 acres and is used 4 months each year ie JUNE - OCT.

8. Mark the point(s) or area(s) of use in the tabulation box below.

TABULATION BOX

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
37	118	20							X									X	BOC Docket NO. IV-U-2011-3-1 SRC

9. If for irrigation use:
   a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
   b. [ ] Land will be irrigated from this well only.
   c. [ ] Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe existing water right(s) under REMARKS.

10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: Sprinkler

SEE REVERSE SIDE

Permit No. U.W. 101241 Book No. 781 Page No. 4

11. The well or spring is to be constructed on lands owned by BORDEAN W CLINGER (Hy
(The granting of a permit does not constitute the granting of right-of-way. If any easement or right-of-way is necessary with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by Bordean W. & Carolyn Clinger
(If the landowner is not the applicant, a copy of the agreement relating to the usage of appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.)
NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: _____

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

Bordean W Clinger — Signature of Applicant or Authorized Agent

22 Sept — Date, 19 95

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)	$25.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS	$50.00
MONITOR (For water level measurements or chemical quality sampling) or TEST WELL	NO FEE

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 12th day of December, A.D. 19 95, at 10:35 o'clock A. M.

Permit No. U.W. 101241

for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.

Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.

If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.

This permit and accompanying notices serve to register an existing well and establish a valid water right for the same. Time limit for Completion of Construction and Completion of Beneficial Use is waived.

~~Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.~~

~~Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 19____.~~

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 16th day of JANUARY, A.D. 1996.

Gordon W. Fassett

Gordon W. Fassett, State Engineer

December 11, 1995 - Statement of Completion on May 05, 1982 received.
January 05, 1996 - Proof of Beneficial Use in 1982 received.

MICRO FILMED FEB 20 1996

PERMIT NO. U.W. 101241

PERMIT STATUS

Priority Date: December 12, 1995 Approval Date: January 16, 1996

September 12, 2006 - This permit has been enlarged by Permit No. U.W. 178318 for additional yield, volumetric quantity and points of use only. There is no physical enlargement of this well.

June 12, 2007 - This permit has been enlarged by Permit No. U.W. 182139 for additional yield, volumetric quantity of water and points of use only. There is no physical enlargement of this well.

August 17, 2011 - BOARD OF CONTROL PETITION DOCKET IV-U-2011-3-2 GRANTED for Change in Location of the Flying Saddle Lodge #1 Well, Permit No. U.W. 101241 from its erroneously described location in the SW¼NW¼ of Section 20, Township 37 North, Range 118 West, to its present location in Lot 1 of Section 20 (Latitude 43° 10′ 24.57″, Longitude 111° 0′ 29.07″), a distance of 49.0 feet from its present location.

BOC Petition Docket IV-U-2011-3-2 filed in Board of Control's "Petitions Granted" file under "North Star Utility Company" See Order Record 81Page 187.

SCANNED NOV 22 2013

FORM UW5-24614
Rev. 6/07
FILING FEE SCHEDULE ON REVERSE SIDE
E22373

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002
(307) 777-6163

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

09/16/16

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and /or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

PERMIT NO. U.W. 206257
WATER DIVISION NO. 4 DISTRICT 16
U.W. DISTRICT Lincoln County

Temporary Filing No. U.W. 44-5-225W

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING: EXCEL DEVELOPMENT WELL NO. 1

1. Name of applicant(s): EXCEL DEVELOPMENT LLC Phone: 000-000-0000

2. Address of applicant(s): PO BOX 3309 (MAILING ADDRESS) ALPINE (CITY) Wyoming (STATE) 83128 (ZIP)

3. Name & address of agent to receive correspondence and notices: SURVEYOR SCHERBEL LTD
PO BOX 725 (MAILING ADDRESS) AFTON (CITY) Wyoming (STATE) 83110 (ZIP) Phone: 307-885-9319

4. Use to which the water will be applied:

☐ Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totaling one acre or less. Number of houses served?____.

☐ Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks?___ .

☐ Irrigation: Watering of any lands for agricultural purposes not covered by the definition of domestic use (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).

☐ Municipal: Use of water in incorporated Towns and Cities. Note 1: use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. is classified as miscellaneous use. Note 2: a permit may be required by the Wyoming Department of Environmental Quality (WDEQ) if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)

☒ Miscellaneous: Any use of water not defined under previous definitions such as stock water pipelines, subdivisions, mine dewatering, mineral/oil exploration drilling, potable supplies in office, etc. (Describe in Remarks). Note: a permit may be required by the WDEQ if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Coalbed Methane: Water produced in the production of coal bed methane gas. Note: wells used in the production of coal bed methane gas will require a permit from the Wyoming Oil and Gas Conservation Commission.

☐ Monitor, Observation: Note: a WDEQ permit may be required ☐ Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/ 4 NW 1/ 4 of Sec. 12, Township 14 North, Range 68 West.)
Lincoln County, NW 1/4 NE 1/4 of Sec. 19, T. 037N, R. 118W of the 6th P.M. (W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot/Tract ___ Block ___ of the Subdivision (or Add'n) of ___ . Resurvey Location: Tract ___ , (or Lot) ___ .

6. Estimated depth of the well or spring is 100 feet. Estimated production interval is ___ ft. to ___ ft.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: 500 gallons per minute. NOTE: if for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 350 acre-feet .
Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons.

8. Mark the point(s) or area(s) of use in the tabulation box below. Note: Upper row refers to the quarter of the section. Next row refers to the quarter of the quarter section.

TABULATION BOX

TWP	RNG	SEC	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
								(See Attachment Sheet.)											

SEE REVERSE SIDE

Permit No. U.W. 206257 Book No. 1480 Page No. 107

9. If for irrigation use:
   a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
   b. ☐ Land will be irrigated from this well only.
   c. ☐ Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe exist under REMARKS.

10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: _____

11. The well or spring is to be constructed on lands owned by EXCEL DEVELOPMENT LLC
(The granting of a permit does not constitute the granting of a right-of-way. If any easement or right-of-way is necessary in connection with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by EXCEL DEVELOPMENT LLC
(If the landowner is not the applicant, a copy of the agreement relating to the usage of the appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.) NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: The water from the proposed well site will be used for a central water system to be constructed in accordance to WYDEQ requirements for a subdivision water system. The water system will serve approximately 300 home sites. It is our understanding that once the system serves 25 or more people that a certified operator (See Continuation Sheet for remaining remarks.)

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

SURVEYOR SCHERBEL LTD
Signature of Applicant or Authorized Agent

September 16, 2016
Date

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)	$50.00
COAL BED METHANE USE	$50.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS USES	$75.00
MONITOR(For water level measurements or chemical quality sampling) or TEST WELL USES	No Fee

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 16 day of September, A.D. 20 16, at 11:27 o'clock A M.

Permit No. U.W. **206257**

MARKUS MALESSA For State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.
Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.
If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.
Coal Bed Methane wells have Additional Conditions and Limitations on attachment sheet.

September 30, 2017 – Notice of Expiration of Time for Completion and/or Completion of Beneficial Use mailed.
FOR ADDITIONAL CONDITIONS AND LIMITATIONS SEE ATTACHED STATUS SHEET.
May 23, 2018 - This permit has been enlarged by Permit No. U.W. 209144 for additional use, points of use, and volumetric quantity
(See attached Status Sheet.)

Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.

Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by December 31, 2017.

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this 28 day of September, A.D. 20 16 .

LISA LINDEMANN For State Engineer

PERMIT NO. 206257

PERMIT STATUS

Priority Date September 16, 2016 Approval Date September 28, 2016

ADDITIONAL CONDITIONS AND LIMITATIONS:

October 9, 2017 - Request for extension of time for completion of beneficial use extended until December 31, 2020. See scanned image in e-permit documents. Applicant notified of extension by letter on November 14, 2017 .

.....

October 9, 2017 - Statement of Completion on September 2, 2017 received.

.....

May 23, 2018 - This permit has been enlarged by Permit No. U.W. 209144 for additional use, points of use, and volumetric quantity only. There is no physical enlargement of this well.

.....

December 24, 2020 - Request for extension of time for completion of beneficial use approved through December 31, 2023. Applicant notified of extension by email/letter on December 31, 2020 .

.....

1. A meter acceptable to the State Engineer is required to accurately measure the total quantity of water produced from this well.

2. An annual report shall be submitted to the State Engineer no later than February 15 of each year stating the total amount of water produced from this well each month during the previous January 1 to December 31, twelve (12) month period.

3. The report shall identify the well by name, location, permit number and shall identify the type of meter used for the measurement.

4. The State Engineer may, upon written request, waive all or any portion of these conditions and limitations.

September 28, 2016
Date of Approval

For GREG LANNING, State Engineer

.....

Attachment Sheet for Permit No. P206257.0W

TWN	RGE	SEC	NE1/4				NW1/4				SW1/4				SE1/4				TOTAL
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
Dependent Resurvey			Water from this well will be used for domestic/subdivision supply at up to two hundred (200) home sites, lawn/landscape watering at common areas, and fire protection at the following described locations:																
037N	118W	18																A X	
Dependent Resurvey			Water from this well will be used for domestic supply at up to one hundred (100) mobile/modular home sites, lawn/landscape watering at common areas, and fire protection at the following described location:																
037N	118W	18																A X	
Dependent Resurvey			Water from this well will be used for domestic/subdivision supply at up to two hundred (200) home sites, lawn/landscape watering at common areas, and fire protection at the following described locations:																
037N	118W	18															A X		
Dependent Resurvey			Water from this well will be used for domestic/subdivision supply at up to two hundred (200) home sites, lawn/landscape watering at common areas, and fire protection at the following described locations:																
037N	118W	19	A X																
Dependent Resurvey			Water from this well will be used for domestic/subdivision supply at up to two hundred (200) home sites, lawn/landscape watering at common areas, and fire protection at the following described locations:																
037N	118W	19		A X															
																		Total Acreage	0.00

REMARKS CONTINUATION SHEET 1

T.F. No. 44-5-225W

will be required. It is anticipated by the applicant that the system will be connected to the Town of Alpine water system in the future.

PERMIT NO. P206257.0W

PAGE NO. 1480/107

SCANNED Section 8, Itemc. 17

SCANNED MAY 18 2018

FORM U.W.6
Rev. 1/07

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E
CHEYENNE, WYOMING 82002

(307) 777-6163

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black pen.

PERMIT NO. U.W. 206257 NAME OF WELL/SPRING Excel Development No. 1

1. NAME OF OWNER Excel Development
2. ADDRESS PO Box 3309
   ☐ Please check if address has changed from that shown on permit
   City Alpine State Wyoming Zip Code 83128 Phone No. _____
3. USE OF WATER ☐ Domestic ☐ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☒ Miscellaneous
   ☐ Monitor or Test ☐ Coal Bed Methane Explain proposed use (Example: One single family dwelling) _____
4. LOCATION OF WELL/SPRING NW 1/4 NE 1/4 of Section 19 T. 37 N.,R. 118 W., of the 6th P.M. (or W.R.M.) per GPS mm 1/16/18
   Subdivision Name Alpine Lakes Subdivision Lot 1 Block _____
   Resurvey Location Tract _____ or Lot _____ Datum ☐ NAD27 ☐ NAD83 _____
   Geographic Coordinates: Latitude 43° 11' 09.3058 N Longitude 111° 01' 56.3977 W (degrees, minutes, seconds) ✓
   UTM: Zone _____ Northing _____ Easting _____ (meters)
   State Plane Coordinates: Zone _____ Northing _____ Easting _____ (feet)
   Land surface elevation (ft. above mean sea level) _____ Datum ☐ NAVD29 ☐ NAVD88
   Source ☐ GPS ☐ Map ☐ Survey ☐ Unkown ☐ Other ☐ Altimeter (for elevation only)
5. TYPE OF CONSTRUCTION ☒ Drilled Soap / water ☐ Dug ☐ Driven ☐ Other
   Describe _____
6. CONSTRUCTION Total depth of well/spring 142 ft.
   Depth of static water level 26 ft. (below land surface) Casing height 1.5 ft. above ground
   a. Diameter of borehole (bit size) 24 inches
   b. Casing schedule ☒ New ☐ Used Joint type ☐ Threaded ☐ Glued ☒ Welded
   16" diameter from 18" ft. to 42 ft. Material Steel Gage .375
   16" diameter from 102 ft. to 142 ft. Material Steel Gage .375
   c. Cemented/grouted interval, from 0 ft. to 40 ft.
   Amount of cement/grout used 5000 lbs (example: 10 sacks) type bentonite (example: bentonite pellets)
   d. Type of completion ☐ Customized perforations ☐ Open hole ☒ Factory screen
   Type of perforator used _____
   Size of perforations _____ inches by _____ inches.
   Number of perforations and depths where perforated
   _____ perforations from _____ ft. to _____ ft.
   _____ perforations from _____ ft. to _____ ft.
   Open hole from _____ ft. to _____ ft.
   Well screen details
   Diameter 16" HDD slot size .100 set from 42 ft. to 102 ft.
   Diameter _____ slot size _____ set from _____ ft. to _____ ft.
   e. Well development method Air How long was well developed? 8 hrs
   f. Was a filter/gravel pack installed? ☒ Yes ☐ No Size of sand/gravel 1/2 -
   Filter/gravel pack installed from 40 ft. to 142 ft.
   g. Was surface casing used? ☒ Yes ☐ No Was it cemented in place? ☐ Yes ☒ No
   Surface casing installed from 0 ft. to 40 ft.
7. NAME AND ADDRESS OF DRILLING COMPANY WDD 4068 N. Haroldsen Dr. Idaho Falls ID
8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 9-2-17 8340' per phone call 10-10-17 w/driller ke
9. PUMP INFORMATION Manufacturer _____ Type _____
   Source of power _____ Horsepower _____ Depth of pump setting or intake _____ ft.
   Amount of water being pumped _____ gal./min.* (For springs or flowing wells, see item 10)
   Total volumetric quantity used per calendar year.* _____
   *If these amounts exceed permitted amount an enlargement is required.
10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well)
    If artesian flow or spring, yield is _____ gal./min. *Surface pressure is _____ lb./sq.inch, or _____ feet of water.
    The flow is controlled by ☐ Valve ☐ Cap ☐ Plug
    Does well leak around casing? ☐ Yes ☐ No

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OCT - 9 2017
STATE ENGINEERS
CHEYENNE, WYOMING

Permit No. U.W. 206257 Book No. 1480 Page No. 107

SEE REVERSE SIDE

11. IF SPRING, HOW WAS IT CONSTRUCTED? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right) _____

12. PUMP TEST Was a pump test conducted? ☒ Yes ☐ No
If so, by whom Pump Doctor
Yield 2500 gal./min. with 2 ft. drawdown after 8 hours
Yield _____ gal./min. with _____ ft. drawdown after _____ hours

13. LOG OF WELL Total depth drilled 142 ft.
Depth of completed well 142 ft. Diameter of well 14" inches
Depth to first water bearing formation 26 ft.
Depth to principal water bearing formation Top 26 ft. to Bottom 142 ft.

DRILL CUTTINGS DESCRIPTION

From Feet	To Feet	Rock Type or Description	Formation	Water Bearing? (Yes or no)
Surface	6	Soil	Unconsolidated	No
6	18	Sand + Gravel	Unconsolidated	no
18	40	Sand + Gravel	"	Yes
40	100	Sand + Gravel	"	Yes
100	142	Cemented Gravel	Consolidated	Yes

14. DOES A GEOPHYSICAL LOG ACCOMPANY THIS FORM? ☐ Yes ☒ No

15. QUALITY OF WATER INFORMATION

Does a chemical and/or bacteriological water quality analysis accompany this form? ☐ Yes ☒ No
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well (contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984).
If not, do you consider the water as ☒ Good ☐ Acceptable ☐ Poor ☐ Unusable

REMARKS _____

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct, and complete.

Signature of Owner or Authorized Agent — 10-5- Date, 20____

FOR STATE ENGINEER'S USE ONLY

Permit No. U.W. 206257
Date of Receipt OCT 09 2017, 20____
Date of Priorty Sept. 16, 20 16
Date of Approval January 16, 20 18
for State Engineer

FORM U.W.6
Rev. 6/00

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BUILDING
CHEYENNE, WYOMING 82002
(307) 777-6163

SCANNED MAR 31 2014
MICRO FILMED MAR 31 2003

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.

PERMIT NO. U.W. 135668 NAME OF WELL (SPRING) SENDER 1

1. NAME OF OWNER JOE SENDER
2. ADDRESS Box of 3263 ~~Alpine~~
   Please check if address has changed from that shown on permit
   City Alpine State Wyo Zip Code _____ Phone No. 83128
3. USE OF WATER: Domestic ~~X~~ out Stock Watering ☐ for Front of Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous ☒
   Monitor or Test ☐ Coal Bed Methane ☐ Explain proposed use (Example: One single family dwelling) _____
4. LOCATION OF WELL (SPRING): SE ¼ SE ¼ of Section 18, T. 37 N., R 118 W., of the 6th P.M. (or W.R.M.),
   Subdivision Name _____ Lot _____ Block _____
   If surveyed, bearing, distance and reference point: _____
5. TYPE OF CONSTRUCTION: Drilled ☒ Rotary (Type of Rig) Dug ☐ Driven ☑ Other ☐
   Describe: _____
6. CONSTRUCTION: Total Depth of Well/Spring 89 ft.
   Depth to Static Water Level 70 ft. (Below land surface)
   a. Diameter of borehole (Bit size) 8 inches.
   b. Casing Schedule New ~~X~~ Used ☐
   8 diameter from 0 ft. to 89 ft. Material Metal Gage 250
   _____ diameter from _____ ft. to _____ ft. Material _____ Gage _____
   c. Was casing cemented: Yes ☐ No ☐ Cemented Interval, From _____ feet to _____ feet.
   d. Number of sacks of cement used _____ type of cement _____
   e. Perforations: Type of perforator used Mill Knife
   Size of perforations ¼ inches by 1 inches.
   Number of perforations and depths where perforated:
   100 perforations from 70 ft. to 89 feet.
   _____ perforations from _____ ft. to _____ feet.
   f. Was well screen installed? Yes ☐ No ☒
   Diameter: _____ slot size: _____ set from _____ feet to _____.
   Diameter: _____ slot size: _____ set from _____ feet to _____
   g. Was well gravel packed? Yes ☐ No ☒ Size of gravel _____
   h. Was surface casing used: Yes ☐ No ☒ Was it cemented in place? Yes ☐ No ☐
7. NAME & ADDRESS OF DRILLING COMPANY Nelson Freedom Wyo 83120
8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) Oct 1 01
9. PUMP INFORMATION: Manufacturer Goulds Type Sub
   Source of power ~~Electric~~ Horsepower 5 Depth of Pump Setting or intake 85
   Amount of Water Being Pumped 20 Gallons Per Minute. (For Springs or flowing wells, see item 10.)
   Total Volumetric Gallons Used Per Calendar Year: Hdy. Amt.
10. FLOWING WELL OR SPRING (Owner is responsible for control of flowing well).
    If well yields artesian flow or if spring, yield is _____ gal./min. Surface pressure is _____ lb./sq. inch, or _____ feet of water.
    The flow is controlled by: valve ☐ cap ☐ plug ☐
    Does well leak around casing? Yes ☐ No ☐

RECEIVED MAR 7 2002 STATE ENGINEER CHEYENNE, WYO.

Permit No. U.W. 135668 Book No. 1011 Page No. 94

SEE REVERSE SIDE

11. If spring, how was it constructed? (Some method of artificial diversion, i.e., spring box, cribbing, etc., qualify for a water right.) _____

12. PUMP TEST: Was a pump test made? Yes ☐ No ☒
If so, by whom _____ Address _____
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.
Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

13. LOG OF WELL: Total depth drilled 80 feet.
Depth of completed well 80 feet. Diameter of well 8 inches.
Depth to first water bearing formation 70 feet.
Depth to principal water bearing formation. Top 70 feet to Bottom 89 feet.

Ground Elevation, if known _____

DRILL CUTTINGS DESCRIPTION:

From Feet	To Feet	Material Type, Texture Color	Remarks (Cementing, Shutoff)	Indicate Water Bearing Formation & Name	Indicate Perforated Casing Location
0 3	3 89	Top Soil Gravel		~	

14. QUALITY OF WATER INFORMATION:
Does a chemical and/or bacteriological water quality analysis accompany this form? Yes ☐ No ☐
It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well. (Contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984.)
If not, do you consider the water as: Good ☐ Acceptable ☐ Poor ☐ Unusable ☐

REMARKS: _____

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Gordon Nelson
Signature of Owner or Authorized Agent

3-5, 20 02
Date

FOR STATE ENGINEER'S USE ONLY

Date of Receipt MAR 07 2002, 20 _____

Date of Priority 6/18/2001, 20 _____

Date of Approval October 9, 20 02

Dawn Varlin
for State Engineer

FORM UW5-42550
Rev. 6/07
FILING FEE SCHEDULE
ON REVERSE SIDE

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BLDG., 4-E CHEYENNE, WYOMING 82002
(307) 777-6163

APPLICATION FOR PERMIT TO APPROPRIATE GROUND WATER

APPLICATION FOR WELLS AND SPRINGS

Note: Only springs flowing 25 gallons per minute or less, where the proposed use is domestic and /or stock watering, will be considered as ground water appropriations.

FOR OFFICE USE ONLY

Temporary Filing No. U.W. 47-3-001W

PERMIT NO. U.W. _____
WATER DIVISION NO. 4 DISTRICT 16
U.W. DISTRICT Lincoln County

NOTE: Do not fold this form. Use typewriter or print neatly with black ink.
ALL ITEMS MUST BE COMPLETED BEFORE APPLICATION IS ACCEPTABLE

NAME AND NUMBER OF WELL or SPRING: ALPINE WATER DISTRICT NO. 4 WELL

1. Name of applicant(s) TOWN OF ALPINE Phone: _____

2. Address of applicant(s) PO BOX 3070 (MAILING ADDRESS) ALPINE (CITY) Wyoming (STATE) 83128 (ZIP)

3. Name & address of agent to receive correspondence and notices JORGENSEN ASSOCIATES INC
PO BOX 9550 (MAILING ADDRESS) JACKSON (CITY) Wyoming (STATE) 83002 (ZIP) Phone: 307-367-6548

4. Use to which the water will be applied:

☐ Domestic: Use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totaling one acre or less. Number of houses served?_____.

☐ Stock Watering: Normal livestock use at four tanks or less within one mile of well or spring. Stockwatering pipelines and commercial feedlots are a miscellaneous use. Number of stock tanks?____ .

☐ Irrigation: Watering of any lands for agricultural purposes not covered by the definition of domestic use (large-scale lawn watering of golf courses, cemeteries, recreation areas, etc., is miscellaneous use).

☒ Municipal: Use of water in incorporated Towns and Cities. Note 1: use of water in unincorporated towns, subdivisions, improvement districts, mobile home parks, etc. is classified as miscellaneous use. Note 2: a permit may be required by the Wyoming Department of Environmental Quality (WDEQ) if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Industrial: Long term use of water for the manufacture of a product or production of oil/gas or other minerals (oil field water flood operations, power plant water supply, etc.). (Describe in REMARKS)

☐ Miscellaneous: Any use of water not defined under previous definitions such as stock water pipelines, subdivisions, mine dewatering, mineral/oil exploration drilling, potable supplies in office, etc. (Describe in Remarks). Note: a permit may be required by the WDEQ if the well will be classified as a public water supply under the WDEQ's rules and regulations.

☐ Coalbed Methane: Water produced in the production of coal bed methane gas. Note: wells used in the production of coal bed methane gas will require a permit from the Wyoming Oil and Gas Conservation Commission.

☐ Monitor, Observation: Note: a WDEQ permit may be required ☐ Test Well: (Describe in REMARKS)

5. Location of the well or spring: (NOTE: Quarter-quarter (40 acre subdivision) MUST be shown. EXAMPLE: SE 1/ 4 NW 1/ 4 of Sec. 12, Township 14 North, Range 68 West.)
Lincoln County, NW 1/4 NE 1/4 of Sec. 19, T. 037N, R. 118W of the 6th P.M. (W.R.M.), Wyoming. If located in a platted subdivision, also provide Lot/Tract 1 Block ____ of the Alpine Lakes Subdivision Subdivision (or Add'n) of Lincoln County . Resurvey Location: Tract _____ , (or Lot) _____ .

6. Estimated depth of the well or spring is 142 feet. Estimated production interval is 26 ft. to 102 ft.

7. (a) MAXIMUM instantaneous flow of water to be developed and beneficially used: 2500 gallons per minute. NOTE: if for domestic and / or stock use, this application will be processed for a maximum of 25 gallons per minute. For a spring, after approval of this application, some type of artificial diversion or improvement must be constructed to qualify for a water right.

(b) MAXIMUM volumetric quantity of water to be developed and beneficially used per calendar year: 1800 acre-feet .
Circle appropriate units: (Gallons) (Acre Feet) A four person family utilizes approximately one (1) acre-foot of water per year or 325,000 gallons.

8. Mark the point(s) or area(s) of use in the tabulation box below. Note: Upper row refers to the quarter of the section. Next row refers to the quarter of the quarter section.

TABULATION BOX

TWP	RNG	SEC	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
								(See Attachment Sheet.)											

SEE REVERSE SIDE

747

Permit No. U.W. _____ **Book No.** _____ **Page No.** _____

9. If for irrigation use:
   a. Describe MAXIMUM acreage to be irrigated in each 40 acre subdivision in the tabulation box above.
   b. ☐ Land will be irrigated from this well only.
   c. ☐ Land is irrigated from existing water right(s) with water from this well to be additional supply. Describe exist under REMARKS.

10. If for irrigation use, describe method of irrigation, i.e. center pivot sprinkler, flood, etc.: _____

11. The well or spring is to be constructed on lands owned by ALPINE LAKES COMMERCIAL CENTER LLC
    (The granting of a permit does not constitute the granting of a right-of-way. If any easement or right-of-way is necessary in connection with this application, it should be understood that the responsibility is the applicant's. A copy of the agreement should accompany this application, if the land is privately owned and the owner is not the co-applicant.)

12. The water is to be used on lands owned by N/A
    (If the landowner is not the applicant, a copy of the agreement relating to the usage of the appropriated water on the land should be submitted to this office. If the landowner is included as co-applicant on the application, this procedure need not be followed.) NOTE: Water rights attach to the area(s) and/or point(s) of use.

REMARKS: _____

Under penalties of perjury, I declare that I have examined this application and to the best of my knowledge and belief it is true, correct and complete.

JORGENSEN ASSOCIATES INC
Signature of Applicant or Authorized Agent

February 25 , 20 25
Date

THE LEGALLY REQUIRED FILING FEE MUST ACCOMPANY THIS APPLICATION

DOMESTIC AND/OR STOCK WATERING USES (Domestic use is defined as use of water in 3 single family dwellings or less, noncommercial watering of lawns and gardens totalling one acre or less.)	$50.00
COAL BED METHANE USE	$50.00
IRRIGATION, MUNICIPAL, INDUSTRIAL, MISCELLANEOUS USES	$75.00
MONITOR(For water level measurements or chemical quality sampling) or TEST WELL USES	No Fee

IF WELL WILL SERVE MULTIPLE USES, SUBMIT ONLY ONE (THE HIGHER) FILING FEE.

THIS SECTION IS NOT TO BE FILLED IN BY APPLICANT

THE STATE OF WYOMING)
) ss.
STATE ENGINEER'S OFFICE)

This instrument was received and filed for record on the 25 day of February , A.D. 20 25 , at 11:44 o'clock A M.

Permit No. U.W. _____

for State Engineer

THIS IS TO CERTIFY that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions:

This application is approved subject to the condition that the proposed use shall not interfere with any existing rights to ground water from the same source of supply and is subject to regulation and correlation with surface water rights, if the ground and surface waters are interconnected. The use of water hereunder is subject to the further provisions of Chapter 169, Session Laws of Wyoming, 1957, and any subsequent amendments thereto.
Granting of a permit does not guarantee the right to have the water level or artesian pressure in the well maintained at any specific level. The well should be constructed to a depth adequate to allow for the maximum development and beneficial use of ground water in the source of supply.
If the well is a flowing artesian well, it shall be so constructed and equipped that the flow may be shut off when not in use without loss of water into sub-surface formations or at the land surface.
Coal Bed Methane wells have Additional Conditions and Limitations on attachment sheet.

Approval of this application may be considered as authorization to proceed with construction of the proposed well or spring. A Statement of Completion will be filed within thirty (30) days of completion of construction, including pump installation.

Completion of construction and completion of the beneficial use of water for the purposes specified in Item 4 of this application will be made by

The amount of appropriation shall be limited to the quantity to which permittee is entitled as determined at time of proof of application of water to beneficial use.

Witness my hand this _____ day of _____ , A.D. 20 _____ .

Brandon Gebhart, State Engineer

Attachment Sheet for Permit No.

TWN	RGE	SEC	NE1/4				NW1/4				SW1/4				SE1/4				TOTAL
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
Unknown																			
037N	118W	17	R ALL																
Unknown																			
037N	118W	18	R ALL																
Unknown																			
037N	118W	19	R ALL																
Unknown																			
037N	118W	20	R ALL																
Unknown																			
037N	118W	21	R ALL																
Unknown																			
037N	118W	28	R ALL																
Unknown																			
037N	118W	29	R ALL																
Unknown																			
037N	118W	30	R ALL																
Unknown																			
037N	118W	31	R ALL																
Principal Meridian 08 Unknown																			
003S	046E	03																R X	
																		Total Acreage	0.00

APPENDIX G

Population & System Growth Data

Town of Alpine Water System
Growth Projections

Growth Rate = 1.0%

Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Connections	663	670	676	683	690	697	704	711	718	725	732	740
Population	1532	1547	1563	1578	1594	1610	1626	1643	1659	1676	1692	1709
Avg Day Demand (gal)	759,000	766,590	774,256	781,998	789,818	797,717	805,694	813,751	821,888	830,107	838,408	846,792
Max Day Demand (gal)	1,800,000	1,818,000	1,836,180	1,854,542	1,873,087	1,891,818	1,910,736	1,929,844	1,949,142	1,968,633	1,988,320	2,008,203

** Population assumes 2.31 persons/connection*

2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
747	755	762	770	777	785	793	801	809	817	825	833	842	850
1726	1744	1761	1779	1796	1814	1832	1851	1869	1888	1907	1926	1945	1965
855,260	863,813	872,451	881,175	889,987	898,887	907,876	916,955	926,124	935,385	944,739	954,187	963,729	973,366
2,028,285	2,048,568	2,069,054	2,089,744	2,110,642	2,131,748	2,153,065	2,174,596	2,196,342	2,218,305	2,240,489	2,262,893	2,285,522	2,308,378

Town of Alpine Water System
Population Growth - Alpine vs. Lower Star Valley Locations

Location	Population 2020	Population 2010	% Change (2010-20)	% Change (avg. annual)
Alpine Town	1220	828	47.3%	3.95%
Alpine Northeast CDP	246	196	25.5%	2.30%
Alpine Northwest CDP	305	244	25.0%	2.26%
Alpine Total	1771	1268	39.7%	3.40%
Lower Star Valley Areas				
Bedford CDP	465	201	131.3%	8.75%
Etna CDP	185	164	12.8%	1.21%
Freedom CDP	247	214	15.4%	1.44%
Nordic CDP	628	602	4.3%	0.42%
Star Valley Ranch Town	1866	1503	24.2%	2.19%
Thayne Town	380	366	3.8%	0.38%
Turnerville CDP	222	192	15.6%	1.46%
Lower Valley Total	3993	3242	23.2%	2.11%

# of Service Connections	2024	2009		
Town of Alpine (south)	516	413	24.9%	1.50%

Town of Alpine Water System
Average Household Size

Area	Total Households	Avg. Household Size
Alpine Town	406	2.41
Alpine Northwest CDP	95	2.91
Alpine Northeast CDP	189	1.81
Total =	690	

Area Household Size = 2.31 *weighted average of three Alpine areas*

Population: 2020 to 2050
Town of Alpine, Lincoln County
Wyoming Dept. of A&I, Econ Analysis Div., February 2025

Year	Population	Annual % Change	5-year % Change	10-year % Change
2020	1220			
2021	1263	3.52%		
2022	1310	3.72%		
2023	1332	1.68%		
2024	1336	0.30%		
2025	1349	0.97%	10.57%	
2026	1362	0.96%		
2027	1374	0.88%		
2028	1386	0.87%		
2029	1396	0.72%		
2030	1405	0.64%	4.15%	15.16%
2031	1415	0.71%		
2032	1424	0.64%		
2033	1434	0.70%		
2034	1441	0.49%		
2035	1448	0.49%	3.06%	
2036	1455	0.48%		
2037	1462	0.48%		
2038	1469	0.48%		
2039	1477	0.54%		
2040	1484	0.47%	2.49%	5.62%
2041	1492	0.54%		
2042	1500	0.54%		
2043	1506	0.40%		
2044	1514	0.53%		
2045	1522	0.53%	2.56%	
2046	1528	0.39%		
2047	1534	0.39%		
2048	1541	0.46%		
2049	1547	0.39%		
2050	1553	0.39%	2.04%	4.65%

% Change: 2020 - 2050 =	27.30%
Avg. Annual Change: 2020-2050 =	0.81%

APPENDIX H

Opinions of Probable Costs

Alpine Water Supply Level I Master Plan
Connection to Megawell Water System

Engineer's Opinion of Probable Construction Costs

Print Date 5/29/2025

Project Name: Alpine Water Supply Level I Master Plan
Notes:

Description: Connect existing Town system located at The Refuge to the nearby Megawell system. Connection will require crossing US Highway 26. Use 12-inch piping in accordance with anticipated future well flows.

CONSTRUCTION COSTS

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization	1	L.S.	$ 15,000.00	$ 15,000
2	Imported Pipe Bedding (12" Pipe)	400	L.F.	$ 25.00	$ 10,000
3	12" Water Pipe	500	L.F.	$ 120.00	$ 60,000
4	12" Gate Valve	2	Each	$ 7,500.00	$ 15,000
5	Boring & Jacking (18" Casing)	100	L.F.	$ 1,500.00	$ 150,000
6	Connect to Existing Pipeline	2	Each	$ 5,000.00	$ 10,000
7	Remove & Replace Improvements	1	L.S.	$ 20,000.00	$ 20,000
8	Traffic Control	1	L.S.	$ 7,000.00	$ 7,000
		Cost of Project Components TOTAL			$287,000 (subtotal #1)

Construction Engineering (subtotal #1 x 10%)	$28,700	
Components + Construction Engineering Costs	$315,700	(subtotal #2)
Contingency (subtotal #2 x 15%)	$47,355	
Construction Total Cost	$364,000	(sub #3, rounded)

PRE-CONSTRUCTION COSTS

Preparation of Final Designs and Specifications (subtotal #1 x 10%)	$28,700	
Permitting and Mitigation	$10,000	
Legal Fees (1% of subtotal #3)	$3,700	
Acquisition of Access and Rights of Way	$8,500	
Pre-Construction Costs Total	$51,000	(sub #4, rounded)

TOTAL WWDC Eligible PROJECT COST

Total WWDC Eligible Project Cost	$415,000	(subtotal #5)

Alpine Water Supply Level I Master Plan
Increase Megawell Production

Engineer's Opinion of Probable Construction Costs

Print Date 5/30/2025

Project Name: Alpine Water Supply Level I Master Plan
Notes:

Description: Increase water produced by Megawell by installing a larger well pump. Piping will be upsized in various bottleneck areas. Backup generator added to the wellhouse.

CONSTRUCTION COSTS

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization	1	L.S.	$ 70,000.00	$ 70,000
2	Imported Pipe Bedding (12" Pipe)	2,600	L.F.	$ 25.00	$ 65,000
3	Imported Pipe Bedding (8" Pipe)	2,400	L.F.	$ 20.00	$ 48,000
4	12" Water Pipe	2,600	L.F.	$ 120.00	$ 312,000
5	8" Water Pipe	2,400	L.F.	$ 80.00	$ 192,000
6	12" Gate Valve	2	Each	$ 7,500.00	$ 15,000
7	8" Gate Valve	4	Each	$ 5,000.00	$ 20,000
8	Boring & Jacking (18" Casing)	150	L.F.	$ 1,500.00	$ 225,000
9	Connect to Existing Pipeline	10	Each	$ 5,000.00	$ 50,000
10	Remove & Replace Improvements	1	L.S.	$ 50,000.00	$ 50,000
11	Traffic Control	1	L.S.	$ 25,000.00	$ 25,000
12	Replace Well Pump (1200 gpm)	1	L.S.	$ 50,000.00	$ 50,000
13	Backup Generator (100 kW)	1	L.S.	$ 200,000.00	$ 200,000
		Cost of Project Components TOTAL			$1,322,000 (subtotal #1)

Construction Engineering (subtotal #1 x 10%)	$132,200
Components + Construction Engineering Costs	$1,454,200 (subtotal #2)
Contingency (subtotal #2 x 15%)	$218,130
Construction Total Cost	$1,673,000 (sub #3, rounded)

PRE-CONSTRUCTION COSTS

Preparation of Final Designs and Specifications (subtotal #1 x 10%)	$132,200
Permitting and Mitigation	$30,000
Legal Fees (1% of subtotal #3)	$16,800
Acquisition of Access and Rights of Way	$7,500
Pre-Construction Costs Total	$187,000 (sub #4, rounded)

TOTAL WWDC Eligible PROJECT COST

Total WWDC Eligible Project Cost	$1,860,000 (subtotal #5)

Alpine Water Supply Level I Master Plan
500,000 Gallon Storage Tank

Engineer's Opinion of Probable Construction Costs

Print Date 5/30/2025

Project Name: Alpine Water Supply Level I Master Plan
Notes:

Description: Addition of storage to the Alpine water system. 500K concrete storage tank to be added adjacent to existing 500K (lower) tank on USFS lands.

CONSTRUCTION COSTS

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization	1	L.S.	$ 75,000.00	$ 75,000
2	Imported Pipe Bedding (12" Pipe)	100	L.F.	$ 25.00	$ 2,500
3	12" Water Pipe	100	L.F.	$ 120.00	$ 12,000
4	12" Gate Valve	2	Each	$ 7,500.00	$ 15,000
5	500,000 Gal. Concrete Water Tank	1	L.S.	$ 750,000.00	$ 750,000
6	Earthwork - 500,000 Gal. Concrete Tank	1	L.S.	$ 150,000.00	$ 150,000
7	Tank Structural Fill	200	C.Y	$ 100.00	$ 20,000
8	Graded Tank Base Material	150	C.Y	$ 100.00	$ 15,000
9	Materials Sampling & Testing	1	L.S.	$ 30,000.00	$ 30,000
10	Electrical Appurtenances	1	L.S.	$ 35,000.00	$ 35,000
11	Chain Link Fencing	500	L.F.	$ 60.00	$ 30,000
12	Access Road	1	L.S.	$ 10,000.00	$ 10,000
13	Reseeding	0.75	Acre	$ 2,000.00	$ 1,500
		Cost of Project Components TOTAL			$1,146,000 (subtotal #1)

Construction Engineering (subtotal #1 x 10%)	$114,600	
Components + Construction Engineering Costs	$1,260,600	(subtotal #2)
Contingency (subtotal #2 x 15%)	$189,090	
Construction Total Cost	$1,450,000	(sub #3, rounded)

PRE-CONSTRUCTION COSTS

Preparation of Final Designs and Specifications (subtotal #1 x 10%)	$114,600	
Permitting and Mitigation	$55,000	
Legal Fees (1% of subtotal #3)	$14,500	
Acquisition of Access and Rights of Way	$15,000	
Pre-Construction Costs Total	$200,000	(sub #4, rounded)

TOTAL WWDC Eligible PROJECT COST

Total WWDC EligibleProject Cost	$1,650,000	(subtotal #5)

Alpine Water Supply Level I Master Plan
Alpine Wellhouse Improvements

Engineer's Opinion of Probable Construction Costs

Print Date 5/29/2025

Project Name: Alpine Water Supply Level I Master Plan
Notes:

Description: Perform various improvments needed at the Alpine Wellhouse. This includes repair/replace Well #3, upgrade electrical to operate at 100% capacity, purchase replacement chlorinator, and add water level measurement capability to all wells.

CONSTRUCTION COSTS

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization	1	L.S.	$ 10,000.00	$ 10,000
2	Repair/Replace Well #3 Pump	1	L.S.	$ 50,000.00	$ 50,000
3	Electrical Upgrades	1	L.S.	$ 75,000.00	$ 75,000
4	Replacement Chlorinator	1	Each	$ 5,000.00	$ 5,000
5	Add Water Level Measurement to Well	4	Each	$ 10,000.00	$ 40,000
		Cost of Project Components TOTAL			$180,000 (subtotal #1)

Construction Engineering (subtotal #1 x 10%)	$18,000	
Components + Construction Engineering Costs	$198,000	(subtotal #2)
Contingency (subtotal #2 x 15%)	$29,700	
Construction Total Cost	$228,000	(sub #3, rounded)

PRE-CONSTRUCTION COSTS

Preparation of Final Designs and Specifications (subtotal #1 x 10%)	$18,000	
Permitting and Mitigation	$12,000	
Legal Fees (1% of subtotal #3)	$2,300	
Acquisition of Access and Rights of Way	$4,000	
Pre-Construction Costs Total	$37,000	(sub #4, rounded)

TOTAL WWDC Eligible PROJECT COST

Total WWDC Eligible Project Cost	$265,000	(subtotal #5)

Alpine Water Supply Level I Master Plan
Upgrade Pipe to Lower Tank

Engineer's Opinion of Probable Construction Costs

Print Date 5/31/2025

Project Name: Alpine Water Supply Level I Master Plan
Notes:

Description: Upsize pipe from Alpine Wellhouse to Lower Tank to increase capacity, lower friction losses. Needed when well production is increased to water right capacities.

CONSTRUCTION COSTS

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
1	Mobilization	1	L.S.	$ 10,000.00	$ 10,000
2	Imported Pipe Bedding (12" Pipe)	950	L.F.	$ 25.00	$ 23,750
3	12" Water Pipe	950	L.F.	$ 120.00	$ 114,000
4	12" Gate Valve	1	Each	$ 7,500.00	$ 7,500
5	Connect to Existing Pipeline	2	Each	$ 5,000.00	$ 10,000
13	Reseeding	1.00	Acre	$ 2,000.00	$ 2,000
		Cost of Project Components TOTAL			$167,250 (subtotal #1)

Construction Engineering (subtotal #1 x 10%)	$16,725	
Components + Construction Engineering Costs	$183,975	(subtotal #2)
Contingency (subtotal #2 x 15%)	$27,596	
Construction Total Cost	$212,000	(sub #3, rounded)

PRE-CONSTRUCTION COSTS

Preparation of Final Designs and Specifications (subtotal #1 x 10%)	$16,725	
Permitting and Mitigation	$15,000	
Legal Fees (1% of subtotal #3)	$2,200	
Acquisition of Access and Rights of Way	$4,000	
Pre-Construction Costs Total	$38,000	(sub #4, rounded)

TOTAL WWDC Eligible PROJECT COST

Total WWDC EligibleProject Cost	$250,000	(subtotal #5)

APPENDIX I

Financial Data

2:45 PM
05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2019 through June 2020

		Jul '19 - Jun 20
Ordinary Income/Expense		
Income		
4620 · Connections		
4660 · Transfers	2,670.00	
4620 · Connections - Other	42,100.75	
Total 4620 · Connections		44,770.75
4631 · Usage Sale		403,007.56
Total Income		447,778.31
Gross Profit		447,778.31
Expense		
Administration		
6901 · Office & Misc	17,790.73	
6907 · O/S Professional	21,249.99	
6915 · Travel & Education	1,392.37	
Total Administration		40,433.09
EXPENSE R&M		
Repair & Maint.		
6924 · Fuel, R & M Vehicle Expenses	3,651.45	
6925 · Supplies/Tools	30,064.39	
6927 · Valve/Line Repair	3,229.93	
Total Repair & Maint.	36,945.77	
Total EXPENSE R&M		36,945.77
6930 · Salary		
6931 · Salaries & Benefits	160,717.82	
Total 6930 · Salary		160,717.82
6950 · Operations		
6951 · Utilities	22,065.88	
6952 · Testing	1,895.00	
6956 · CHLORINE	3,669.46	
Total 6950 · Operations		27,630.34
6960 · Debt Service		
6961 · Interest Expense	7,054.44	
6962 · Principal Repayments	0.00	
Total 6960 · Debt Service		7,054.44
Total Expense		272,781.46
Net Ordinary Income		174,996.85
Other Income/Expense		
Other Income		
7200 · Interest Income		1,101.78
7301 · Grant Revenue		0.00
Total Other Income		1,101.78
Other Expense		
6000 · Depreciation Expense		176,000.00
7000 · Capital Outlay / Grants		0.00
Total Other Expense		176,000.00
Net Other Income		-174,898.22
Net Income		**98.63**

2:45 PM
05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2020 through June 2021

	Jul '20 - Jun 21	
Ordinary Income/Expense		
Income		
4620 · Connections		
4625 · Connect/Disconnect	210.00	
4660 · Transfers	7,120.00	
4620 · Connections - Other	86,832.00	
Total 4620 · Connections		94,162.00
4631 · Usage Sale		427,957.70
4641 · North Star Utility Operat. Fee		6,447.00
Total Income		528,566.70
Gross Profit		528,566.70
Expense		
Administration		
6901 · Office & Misc	19,688.93	
6907 · O/S Professional	34,809.51	
6912 · Rent Expense	29,000.00	
6915 · Travel & Education	453.48	
Total Administration		83,951.92
EXPENSE R&M		
Repair & Maint.		
6924 · Fuel, R & M Vehicle Expenses	953.20	
6925 · Supplies/Tools	85,087.81	
Total Repair & Maint.	86,041.01	
Total EXPENSE R&M		86,041.01
6200 · N. Alpine Operational Expenses		
6213 · Professional Services	6,447.00	
Total 6200 · N. Alpine Operational Expenses		6,447.00
6930 · Salary		
6931 · Salaries & Benefits	85,266.15	
Total 6930 · Salary		85,266.15
6950 · Operations		
6951 · Utilities	29,634.95	
6952 · Testing	3,183.00	
6954 · New Service		
6953 · New / Other	850.00	
Total 6954 · New Service	850.00	
6956 · CHLORINE	7,844.18	
Total 6950 · Operations		41,512.13
6960 · Debt Service		
6961 · Interest Expense	6,411.02	
6962 · Principal Repayments	0.00	
Total 6960 · Debt Service		6,411.02
Total Expense		309,629.23
Net Ordinary Income		218,937.47

2:45 PM
05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2020 through June 2021

	Jul '20 - Jun 21
Other Income/Expense	
Other Income	
7200 · Interest Income	597.18
Total Other Income	597.18
Other Expense	
6000 · Depreciation Expense	219,000.00
7000 · Capital Outlay / Grants	0.00
Total Other Expense	219,000.00
Net Other Income	-218,402.82
Net Income	534.65

2:45 PM
05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2021 through June 2022

		Jul '21 - Jun 22
Ordinary Income/Expense		
Income		
4620 · Connections		
4625 · Connect/Disconnect	30.00	
4660 · Transfers	25,038.00	
4620 · Connections - Other	122,120.00	
Total 4620 · Connections		147,188.00
4631 · Usage Sale		470,597.87
Total Income		617,785.87
Gross Profit		617,785.87
Expense		
Administration		
6901 · Office & Misc	28,832.97	
6907 · O/S Professional	53,718.19	
6912 · Rent Expense	29,000.00	
6915 · Travel & Education	595.00	
Total Administration		112,146.16
EXPENSE R&M		
Repair & Maint.		
6924 · Fuel, R & M Vehicle Expenses	3,961.39	
6925 · Supplies/Tools	108,702.41	
6927 · Valve/Line Repair	39,566.87	
Total Repair & Maint.	152,230.67	
Total EXPENSE R&M		152,230.67
6930 · Salary		
6931 · Salaries & Benefits	141,633.89	
Total 6930 · Salary		141,633.89
6950 · Operations		
6951 · Utilities	37,639.30	
6952 · Testing	3,413.00	
6954 · New Service		
6953 · New / Other	11,982.68	
Total 6954 · New Service	11,982.68	
6956 · CHLORINE	12,986.69	
Total 6950 · Operations		66,021.67
6960 · Debt Service		
6961 · Interest Expense	5,804.12	
6962 · Principal Repayments	0.00	
Total 6960 · Debt Service		5,804.12
Total Expense		477,836.51
Net Ordinary Income		139,949.36
Other Income/Expense		
Other Income		
7200 · Interest Income		1,287.91
7301 · Grant Revenue		0.00
Total Other Income		1,287.91

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05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2021 through June 2022

	Jul '21 - Jun 22
Other Expense	
Cash over/short	0.00
6000 · Depreciation Expense	140,000.00
7000 · Capital Outlay / Grants	0.00
Total Other Expense	140,000.00
Net Other Income	-138,712.09
Net Income	**1,237.27**

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05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2022 through June 2023

	Jul '22 - Jun 23	
Ordinary Income/Expense		
Income		
4620 · Connections		
4660 · Transfers	2,250.00	
4620 · Connections - Other	92,795.00	
Total 4620 · Connections		95,045.00
4631 · Usage Sale		507,810.60
Total Income		602,855.60
Gross Profit		602,855.60
Expense		
Administration		
6901 · Office & Misc		
Bank Charges	-181.07	
6910 · Accounting Software	301.33	
6901 · Office & Misc - Other	35,684.40	
Total 6901 · Office & Misc	35,804.66	
6907 · O/S Professional	20,979.00	
6912 · Rent Expense	29,000.00	
6915 · Travel & Education	2,386.59	
Administration - Other	0.00	
Total Administration		88,170.25
EXPENSE R&M		
Repair & Maint.		
6922 · Hydrant Repair	1,450.00	
6924 · Fuel, R & M Vehicle Expenses	8,151.02	
6925 · Supplies/Tools	140,442.95	
6927 · Valve/Line Repair	13,764.12	
6928 · Water Meter Repairs	7,196.78	
Repair & Maint. - Other	4,106.89	
Total Repair & Maint.	175,111.76	
Total EXPENSE R&M		175,111.76
6930 · Salary		
6931 · Salaries & Benefits	187,466.84	
Total 6930 · Salary		187,466.84
6950 · Operations		
6951 · Utilities	34,859.26	
6952 · Testing	1,036.00	
6954 · New Service	6,625.03	
6956 · CHLORINE	12,823.60	
Total 6950 · Operations		55,343.89
6960 · Debt Service		
6961 · Interest Expense	5,139.97	
6962 · Principal Repayments	23,257.69	
Total 6960 · Debt Service		28,397.66
Total Expense		534,490.40
Net Ordinary Income		68,365.20

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05/22/25
Accrual Basis

Town of Alpine-Water Dept.
Profit & Loss
July 2022 through June 2023

	Jul '22 - Jun 23
Other Income/Expense	
Other Income	
7100 · Misc. Income	15.00
7200 · Interest Income	16,218.46
7203 · Prior Year Fund Balance	60,000.00
7301 · Grant Revenue	182,392.95
Total Other Income	258,626.41
Other Expense	
Cash over/short	0.00
6000 · Depreciation Expense	90,000.00
7000 · Capital Outlay / Grants	380,335.48
Total Other Expense	470,335.48
Net Other Income	-211,709.07
Net Income	-143,343.87

TOWN OF ALPINE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2024

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	OPERATING REVENUE					
51-33-100	WATER USAGE FEES	.00	512,617.28	500,000.00	(12,617.28)	102.5
51-33-110	BULK WATER SALES	.00	204.00	100.00	(104.00)	204.0
51-33-120	TRANSFER FEES	.00	2,975.39	1,700.00	(1,275.39)	175.0
51-33-200	DISCONNECT/RECONNECT FEES	.00	5,010.71	.00	(5,010.71)	.0
51-33-400	CONNECTION FEES	.00	85,310.00	70,000.00	(15,310.00)	121.9
	TOTAL OPERATING REVENUE	.00	606,117.38	571,800.00	(34,317.38)	106.0
	GRANT INCOME					
51-34-100	GRANT REVENUE	.00	18,535.00	20,000.00	1,465.00	92.7
	TOTAL GRANT INCOME	.00	18,535.00	20,000.00	1,465.00	92.7
	OTHER INCOME					
51-38-300	MISC. INCOME	.00	(8,071.39)	.00	8,071.39	.0
51-38-310	INTEREST INCOME	.00	33,734.54	34,000.00	265.46	99.2
	TOTAL OTHER INCOME	.00	25,663.15	34,000.00	8,336.85	75.5
	TOTAL FUND REVENUE	.00	650,315.53	625,800.00	(24,515.53)	103.9

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2024

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
51-42-110	ADMIN SALARIES & WAGES	.00	5,185.70	7,500.00	2,314.30	69.1
51-42-210	ADMIN PAYROLL TAXES	.00	391.11	500.00	108.89	78.2
51-42-220	ADMIN MEDICAL BENEFITS	.00	518.12	1,200.00	681.88	43.2
51-42-230	ADMIN RETIREMENT	.00	840.59	1,000.00	159.41	84.1
51-42-315	ADMIN PROFESSIONAL SERVICES	.00	38,302.24	35,000.00	(3,302.24)	109.4
51-42-370	BANK CHARGES	.00	1,864.95	2,500.00	635.05	74.6
51-42-380	INSURANCE	.00	9,812.38	10,000.00	187.62	98.1
51-42-395	TRAVEL	.00	1,375.82	2,000.00	624.18	68.8
51-42-405	POSTAGE	.00	1,587.50	2,500.00	912.50	63.5
51-42-410	OFFICE & MISCELLANEOUS	.00	6,746.73	8,000.00	1,253.27	84.3
	TOTAL ADMINISTRATION	.00	66,625.14	70,200.00	3,574.86	94.9
	FIELD OPS					
51-80-110	FO SALARIES & WAGES	.00	177,732.12	185,000.00	7,267.88	96.1
51-80-210	FO PAYROLL TAXES	.00	4,778.92	6,000.00	1,221.08	79.7
51-80-220	FO MEDICAL BENEFITS	.00	7,814.64	10,000.00	2,185.36	78.2
51-80-230	FO RETIREMENT	.00	9,366.23	12,000.00	2,633.77	78.1
51-80-315	PROFESSIONAL SERVICES	.00	16,982.50	18,000.00	1,017.50	94.4
51-80-320	TESTING	.00	3,409.78	4,000.00	590.22	85.2
51-80-325	RENT	.00	30,332.81	31,000.00	667.19	97.9
51-80-332	REPAIRS & MAINTENACE	.00	26,528.35	25,000.00	(1,528.35)	106.1
51-80-335	SOFTWARE AND IT	.00	6,261.92	7,000.00	738.08	89.5
51-80-395	TRAVEL & EDUCATION	.00	1,465.71	1,700.00	234.29	86.2
51-80-400	TOOLS & EQUIPMENT	.00	2,512.82	500.00	(2,012.82)	502.6
51-80-420	OPERATION PARTS & SUPPLIES	.00	87,911.22	90,000.00	2,088.78	97.7
51-80-430	CHEMICALS	.00	2,475.00	2,500.00	25.00	99.0
51-80-452	UTILITIES (DISTRIBUTION)	.00	26,989.28	35,000.00	8,010.72	77.1
51-80-453	UTILITIES WELLS (GENERATION)	.00	6,056.93	6,000.00	(56.93)	101.0
51-80-454	FUEL	.00	5,090.55	6,000.00	909.45	84.8
51-80-800	DEPRECIATION EXPENSE	.00	42,000.00	120,000.00	78,000.00	35.0
	TOTAL FIELD OPS	.00	457,708.78	559,700.00	101,991.22	81.8
	CAPITAL OUTLAY					
51-90-540	CAPITAL OUTLAY	.00	30,680.57	40,000.00	9,319.43	76.7
51-90-545	RADIO READ PROJECT	.00	33,957.50	35,000.00	1,042.50	97.0
	TOTAL CAPITAL OUTLAY	.00	64,638.07	75,000.00	10,361.93	86.2

TOWN OF ALPINE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2024

WATER FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DEBT SERVICE					
51-95-620	DEBT SERVICES	.00	23,429.68	29,000.00	5,570.32	80.8
51-95-630	INTEREST EXPENSE	.00	.00	5,000.00	5,000.00	.0
	TOTAL DEBT SERVICE	.00	23,429.68	34,000.00	10,570.32	68.9
	TOTAL FUND EXPENDITURES	.00	612,401.67	738,900.00	126,498.33	82.9
	NET REVENUE OVER EXPENDITURES	.00	37,913.86	(113,100.00)	(151,013.86)	33.5

Ryan Erickson

From: Monica Chenault <clerk@alpinewy.gov>
Sent: Thursday, May 22, 2025 3:49 PM
To: Ryan Erickson
Subject: Water
Attachments: 05222025_Town of Alpine-Water Dept. Profit &Loss July 2019 throu.pdf; 05222025_512,617.28 204.00 2.975.39 5.010.71 85.310.00.pdf; 05222025_21,521.66) 60.03 36,925.45 65,022.00 4,333,005.59 114,6.pdf

$ 120,000.00	DWSRF-117	4/1/2011	20 years	$ 6,547.60	8/15	2.50%	4/1/2031	DWSRF Loan 117		$ 46,910.56	7/18/2024
$ 115,500.00	DWSRF-64		20 years	$ 7,408.99	8/1	2.50%	12/7/2031	DWSRF Loan 64		$ 53,174.99	7/15/2024
$ 122,000.00	3910167000076	11/1/2016	10 years	$ 14,441.07	10/31	3.19%	11/1/2026	First Bank		$ 27,537.87	10/23/2024
								Paid off WIP - FED #5			

DWSRF 117 – FMHA#1 Water System

DWSRF 64 – Well Rehab

The other I don't know.

Thank you,

Monica L Chenault

Clerk & Treasurer
Town Of Alpine
P.O. Box 3070
Alpine, WY 83128
(307) 654-7757
Website: www.alpinewy.gov

E-mail to and from me in connection with the transaction of public business is subject to the Wyoming Public Records Act and may be disclosed to third parties.

ORDINANCE NO. 2025-009
TOWN OF ALPINE
AMENDED BUDGET FOR FISCAL YEAR 2025

AN ORDINANCE FOR THE TOWN OF ALPINE, COUNTY OF LINCOLN, STATE OF WYOMING, AMENDING AND APPROVING THE ANNUAL BUDGET AND APPROPRIATIONS FOR FISCAL YEAR 2025, BEGINNING ON JULY 1, 2024, AND ENDING ON JUNE 30, 2025, PURSUANT TO WYOMING STATUTE 16-4-101.

NOW THEREFORE, BE IT ORDAINED by the Governing Body of the Town of Alpine that the Town of Alpine, Amended Budget and Appropriations for Fiscal year 2025 is hereby adopted, approved, and shall be transmitted to the Wyoming Authorities as required by statute. This Ordinance shall be in full force and effect from and after the passage on three reading and published as required by law.

GENERAL FUND REVENUE

Tax Revenue	$1,770,500.00
Licenses and Permits	$166,900.00
Charges for Services	$273,500.00
Intergovernmental Revenue	$148,000.00
Fine & Penalties	$1,000.00
Other Revenue	$623,740.00
TOTAL GENERAL FUND REVENUE	**$2,983,640.00**

GENERAL FUND EXPENDITURES

Mayor & Council	$60,500.00
Administration	$584,700.00
Court	$20,200.00
Travel & Tourism	$173,250.00
Planning & Zoning	$267,300.00
Information Center	$64,600.00
Streets	$460,000.00
Law Enforcement	$178,100.00
Facilities	$249,550.00
Parks	$159,250.00
Events	$80,825.00
Business & Community Development	$95,000.00
Capital Outlay	$110,000.00
Debt Service	$410,000.00
TOTAL GENERAL FUND EXPENDITURES	**$2,913,275.00**

WATER FUND REVENUE

Operating Revenue	$673,120.00
Grant Income	$50,000.00
Other Income	$49,500.00
Prior Year Fund Balance	$75,000.00

1st Reading

TOTAL WATER FUND REVENUE	**$847,620.00**
WATER FUND EXPENDITURES	
Administration	$104,700.00
Field Operations	$509,500.00
Capital Outlay	$200,000.00
Debt Service	$30,000.00
TOTAL WATER FUND EXPENDITURES	**$844,200.00**
WASTER WATER FUND	
Operating Revenue	$755,000.00
Grant Income	$0.00
Other Income	$45,000.00
Prior Year Fund Balance	$1,700,000.00
TOTAL WASTEWATER FUND REVENUE	**$2,500,000.00**
WASTEWATER FUND EXPENDITURES	
Administration	$79,600.00
Collections	$267,200.00
Pre-treatment	$32,500.00
Wastewater Treatment Plant	$546,100.00
Capital Outlay	$1,290,000.00
Debt Service	$265,000.00
TOTAL WATER FUND EXPENDITURES	**$2,480,400.00**

1st Reading

Passed First Reading on the 20th day of May 2025.

VOTE: ____YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed Second Reading on the 3rd day of June 2025.

VOTE: ____YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed on Third and Final Reading 17th day of June 2025.

VOTE: ____YES, ____ NO, ____ ABSTAIN, ____ ABSENT

TOWN OF ALPINE

CAPACITY DEVELOPMENT

Additional Financial Worksheets for DWSRF Loan Recipients and New Community Water Systems (CWS)
and New Non-Transient Non-Community Water Systems

SUMMARY

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
Beginning Cash on Hand	$1,168,976	$1,206,889	$1,167,889	$1,246,736	$1,342,432	$1,440,011
Add:						
Cash Receipts (worksheet 1, 5T)	$650,316	$847,620	$642,521	$653,444	$664,553	$675,850
Less:						
Operating Expenditures (worksheet 2, 8T)	$482,334	$614,200	$490,534	$498,873	$507,354	$515,979
Debt Service (worksheet 3, 9T)	$23,430	$30,000	$30,000	$15,000	$15,000	$15,000
Capital Improvements (worksheet 4, 10T)	$64,639	$200,000	$0	$0	$0	$0
Deposits to Reserves (worksheet 5, 11T)	$42,000	$42,420	$43,141	$43,875	$44,620	$45,379
Ending Cash on Hand	$1,206,889	$1,167,889	$1,246,736	$1,342,432	$1,440,011	$1,539,504

Number of Customer Accounts	663	663	674	686	697	709
Average Annual User Charge per account	$773	1015.263952	773.6684154	773.0571497	773.7913876	773.6265886
Coverage Ratio ((3T-8T)/9T)	6.38	3.61	5.07	10.30	10.48	10.66
Operating Ratio (1T/8T)	1.06	1.10	1.06	1.06	1.06	1.06

Applicant: Town of Alpine
Completed by: Ryan Erickson (Sunrise Engineering)
Date: May 30, 2025

WORKSHEET 1 - RECEIPTS

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
1. Cash Receipts From Water Revenues:						
a. Unmetered Water Revenue	$0	$0	$0	$0	$0	$0
b. Metered Water Revenue	$512,736	$673,120	$521,453	$530,317	$539,333	$548,501
c. Other Water Revenue	$0	$0	$0	$0	$0	$0
1T. Total Water Revenues (1a thru 1c)	$512,736	$673,120	$521,453	$530,317	$539,333	$548,501
2. Cash Receipts From Other Income						
a. Connection Fees	$85,310	$0	$86,760	$88,235	$89,735	$91,261
b. Interest and Dividend Income	$33,735	$0	$34,308	$34,892	$35,485	$36,088
c. Other	$0	$49,500	$0	$0	$0	$0
2T. Total Other Income (2a thru 2c)	$119,045	$49,500	$121,069	$123,127	$125,220	$127,349
3T. Total Cash Revenues (1T + 2T)	$631,781	$722,620	$642,521	$653,444	$664,553	$675,850
4. Other Cash Receipts						
a. Transfers in	$0	$75,000	$0	$0	$0	$0
b. Loans, Grants or other Cash Received	$18,535	$50,000	$0	$0	$0	$0
(please specify)	$0	$0	$0	$0	$0	$0
4T. Total Other Cash Receipts (4a + 4b)	$18,535	$125,000	$0	$0	$0	$0
5T. Total Cash Receipts (3T + 4T)	$650,316	$847,620	$642,521	$653,444	$664,553	$675,850

WORKSHEET 2 - OPERATING EXPENDITURES

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
6. Operating Expenses						
a. Salaries and wages	$188,088	$104,700	$191,285	$194,537	$197,844	$201,208
b. Employee Pensions and Benefits	$18,540		$18,855	$19,176	$19,502	$19,833
c. Purchased Water	$0		$0	$0	$0	$0
d. Purchased Power	$33,046		$33,608	$34,179	$34,760	$35,351
e. Fuel for Power Production	$5,091		$5,178	$5,266	$5,355	$5,446
f. Chemicals	$2,475		$2,517	$2,560	$2,603	$2,648
g. Materials and Supplies	$116,952	$509,500	$118,940	$120,962	$123,019	$125,110
h. Contractual Services - Engineering	$55,285		$56,225	$57,181	$58,153	$59,141
i. Contractual Services - Other	$0		$0	$0	$0	$0
j. Rental of Equipment/Real Property	$30,323		$30,838	$31,363	$31,896	$32,438
k. Transportation Expenses	$2,842		$2,890	$2,939	$2,989	$3,040
l. Laboratory	$3,410		$3,468	$3,527	$3,587	$3,648
m. Insurance	$9,812		$9,979	$10,148	$10,321	$10,496
n. Regulatory Commission Expenses	$0		$0	$0	$0	$0
o. Advertising	$0		$0	$0	$0	$0
p. Miscellaneous	$16,470		$16,750	$17,035	$17,324	$17,619
q. other	$0		$0	$0	$0	$0
6T. Total Operating Expenses (6a thru 6p)	$482,334	$614,200	$490,534	$498,873	$507,354	$515,979
7. Replacements:						
a. Replacement Expenditures						
b. Other						
(please specify)						
7T. Total Replacement Expenditures	$0	$0	$0	$0	$0	$0
8T. Total OM&R Expenditures (6T+ 7T)	$482,334	$614,200	$490,534	$498,873	$507,354	$515,979

WORKSHEET 3 - DEBT SERVICE

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
9. Debt Service						
a. Capital Lease Payments						
(name, number, or description for each)						
b. Loan Principal Repayments						
DWSRF 117	$6,548	$7,000	$7,000	$7,000	$7,000	$7,000
DWSRF 64	$7,409	$8,000	$8,000	$8,000	$8,000	$8,000
Bank 3910167000076	$14,441	$15,000	$15,000	$0	$0	$0
c. Loan Interest Payments						
(namer, number, or description for each)						
d. Transfers Out	-$4,968	$0	$0	$0	$0	$0
9T. Total Debt Service/Transfers Out	$23,430	$30,000	$30,000	$15,000	$15,000	$15,000

WORKSHEET 4 - CAPITAL IMPROVEMENTS

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
10. Capital Improvements (briefly describe each project)						
Capital Outlay	$30,681	$200,000				
Radio Read Project	$33,958					
10T. Total Capital Improvements	$64,639	$200,000	$0	$0	$0	$0

WORKSHEET 5 - DEPOSITS TO RESERVES

Five Year Projections	Last Year Actual	Current Year Budget	Year 2 Projected	Year 3 Projected	Year 4 Projected	Year 5 Projected
11. Deposits to Reserves:						
a. Debt Service Reserve						
b. Bond Retirement Reserve						
c. Capital Improvement Reserve	$42,000	$42,420	$43,141	$43,875	$44,620	$45,379
d. Replacement Reserve						
e. Other						
11T. Total Deposits to Reserves (11a thru 11e)	$42,000	$42,420	$43,141	$43,875	$44,620	$45,379

State of Wyoming
Department of Workforce Services

Mark Gordon
Governor

Crystal West
2451 Foothill Blvd, Ste 100, Rm 32
Rock Springs, WY 82901
crystal.west@wyo.gov
307-431-9567
Fax: 307-777-2893

Elizabeth Gagen, J.D.
Director

Jason Wolfe
Deputy Director

10/20/2025

Dear Mrs. Chenault,

Thank you for inviting Workers' Compensation Safety & Risk (**WCSR**) to assist you and your business with promoting a safe and healthy workplace environment. The following report details the hazards found during our visit along with the hazard abatement process.

Limited Visit Report:

Business Name:	Town of Alpine
WC Policy Number:	**000156321**
Visit Site Address:	291 Buffalo Drive Alpine WY 83128
Contact Name, Job Title:	Monica Chenault
Phone Number:	1-307-654-7757
Email:	clerk@alpinewy.gov

WCSR Specialist(s) Conducting Visit: Crystal West

Opening & Closing Conference Discussion:

Scope of Inspection:	Yes	3rd Party Consultant:	NA	Workers' Rights (OSHA):	Yes
EMR Data Review:	Yes	Loss Run review:	Yes	Trade Secrets:	Yes
Onsite Interviews:	Yes	Discount Programs:	Yes	DART- TRC Review:	Yes
Form 33 overview:	Yes	Free Service - No Penalties:	Yes		

Required OSHA Programs:

Recordkeeping:	Update	Lockout/Tagout:	Update	PPE Hazard Assess:	Update
Hazard Communication:	Update	Exposure Control Plan:	Update	Respiratory Prog:	Update
Emergency Action Plan:	Update	Forklift-PIT:	Update	PR Confined Space:	Update
Fire Prevention Plan:	Update	Chemical Hygiene Plan:	Update	Hearing Cons.:	Update
Lead Exposure:	NA	Asbestos Control:	NA	Hazardous Waste:	Update
PSM Process:	Update				

Sites Inspected and Number of Hazards Found:

- Waste Water facilities 291 Buffalo (2 buildings) 9 hazards

Recommendations for a safer work environment:

- Secondary containment of workplace labeling to include "product identifier and words, pictures, symbols, or combination thereof, which provide at least general information regarding the hazards of the chemicals, and which, in conjunction with the other information immediately available to employees under the hazard communication program, will provide employees with the specific information regarding the physical and health hazards of the hazardous chemical."

- Update Safety and Health programs. Train employees to the expectations of the programs in place. Document training.
- Training employees in safety programs is crucial for several reasons:
    - Reduces Workplace Accidents: Effective safety training can significantly lower the number of w orkplace accidents and injuries, leading to a safer work environment. Implementing safety training programs is a proactive measure that can lead to increased productivity,morale, and operational efficiency within an organization .

- Ensure fire extinguishers are inspected and logged every 30 days.
- Store propane bottles outside of the shop.
- Ensure light conditions are adequate for working within the Headworks building. (out of commission)
- Locking the Waste water building (out of commission) to avoid unauthorized persons from entering.
- Inspect all fall arrest equipment prior to use.
- Determine weight of yellow grating panels in the new waste water facility.

Best practices observed during the inspection:

- Housekeeping within the current Waste Water facility demonstrates the workgroups commitment to safety.
- The Town of Alpine is committed to improving their safety culture.

Elements of an effective health and safety program:

- Management commitment and employee involvement
- Worksite analysis
- Hazard prevention and control
- Safety and health training

Specialist Comments:

The Town of Alpine has a great communication system within their departments. Employee dedication is evident in the daily operation of the facility. Thank you for working with Workers Compensation Safety and Risk. WCSR is available to assist in additional program review and awareness training.

Once the identified hazards have been corrected, all abatements must be received by **WCSR** 6 weeks (42 days) following the last day of the visit.

Visit Start Date: **10/14/2025** Visit End Date: **10/14/2025**

Abatements due 11/26/2025

Please feel free to contact me if I can be of any further assistance at **crystal.west@wyo.gov** or **307-431-9567**.

Respectfully,



Crystal West
WCSR Safety Specialist.

State of Wyoming
Department of Workforce Services

Crystal West
2451 Foothill Blvd, Ste 100, Rm 32
Rock Springs, WY 82901
crystal.west@wyo.gov
307-431-9567
Fax: 307-777-2893

Mark Gordon
Governor

Elizabeth Gagen, J.D.
Director

Jason Wolfe
Deputy Director

10/20/2025

Dear Mrs. Chenault,

Thank you for inviting Workers' Compensation Safety & Risk (**WCSR**) to assist you and your business with promoting a safe and healthy workplace environment. The following report details the hazards found during our visit along with the hazard abatement process.

Comprehensive Visit Report:

Business Name:	Town of Alpine
WC Policy Number:	**000156321**
Visit Site Address:	289 Buffalo Alpine WY 83128
Contact Name, Job Title:	Monica Chenault
Phone Number:	1-307-654-7757
Email:	clerk@alpinewy.gov

WCSR Specialist(s) Conducting Visit: Crystal West

Opening & Closing Conference Discussion:

Scope of Inspection:	Yes	3rd Party Consultant:	NA	Workers' Rights (OSHA):	Yes
EMR Data Review:	Yes	Loss Run review:	Yes	Trade Secrets:	Yes
Onsite Interviews:	Yes	Discount Programs:	Yes	DART- TRC Review:	Yes
Form 33 overview:	Yes	Free Service - No Penalties:	Yes		

Required OSHA Programs:

Recordkeeping:	Update	Lockout/Tagout:	Update	PPE Hazard Assess:	Update
Hazard Communication:	Update	Exposure Control Plan:	Update	Respiratory Prog:	Update
Emergency Action Plan:	Update	Forklift-PIT:	Update	PR Confined Space:	Update
Fire Prevention Plan:	Update	Chemical Hygiene Plan:	Update	Hearing Cons.:	Update
Lead Exposure:	NA	Asbestos Control:	NA	Hazardous Waste:	Update
PSM Process:	Update				

Sites Inspected and Number of Hazards Found:

- 289 Buffalo Alpine, WY 8 hazards

Recommendations for a safer work environment:

- Secondary containment of workplace labeling to include "product identifier and words, pictures, symbols, or combination thereof, which provide at least general information regarding the hazards of the chemicals, and which, in conjunction with the other information immediately available to employees under the hazard communication program, will provide employees with the specific information regarding the physical and health hazards of the hazardous chemical."

- Update Safety and Health programs. Train employees to the expectations of the programs in place. Document training.
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    - Reduces Workplace Accidents: Effective safety training can significantly lower the number of workplace accidents and injuries, leading to a safer work environment. Implementing safety training programs is a proactive measure that can lead to increased productivity morale, and operational efficiency within an organization .

- Ensure fire extinguishers are inspected and logged every 30 days.
- Store propane bottles outside of the shop.
- Determine the weight capacity on the mezzanine. Post weight.

Best practices observed during the inspection:

- Housekeeping within the facility demonstrates the workgroups commitment to safety.
- The Town of Alpine is committed to improving their safety culture.

Elements of an effective health and safety program:

- Management commitment and employee involvement
- Worksite analysis
- Hazard prevention and control
- Safety and health training

Specialist Comments:

The Town of Alpine has a great communication system within their departments. Employee dedication is evident in the daily operation of the facility. Thank you for working with Workers Compensation Safety and Risk. WCSR is available to assist in additional program review and awareness training.

Once the identified hazards have been corrected, all abatements must be received by **WCSR** 6 weeks (42 days) following the last day of the visit.

Visit Start Date: **10/14/2025** Visit End Date: **10/14/2025**

Abatements due 11/26/2025

Please feel free to contact me if I can be of any further assistance at **crystal.west@wyo.gov** or **307-431-9567**.

Respectfully,

Crystal West

Crystal West
WCSR Safety Specialist.

State of Wyoming
Department of Workforce Services

Mark Gordon
Governor

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Elizabeth Gagen, J.D.
Director

Jason Wolfe
Deputy Director

10/20/2025

Dear Mrs. Chenault,

Thank you for inviting Workers' Compensation Safety & Risk (**WCSR**) to assist you and your business with promoting a safe and healthy workplace environment. The following report details the hazards found during our visit along with the hazard abatement process.

Limited Visit Report:

Business Name:	Town of Alpine
WC Policy Number:	**000156321**
Visit Site Address:	291 Buffalo Drive Alpine WY 83128
Contact Name, Job Title:	Monica Chenault
Phone Number:	1-307-654-7757
Email:	clerk@alpinewy.gov

WCSR Specialist(s) Conducting Visit: Crystal West

Opening & Closing Conference Discussion:

Scope of Inspection:	Yes	3rd Party Consultant:	NA	Workers' Rights (OSHA):	Yes
EMR Data Review:	Yes	Loss Run review:	Yes	Trade Secrets:	Yes
Onsite Interviews:	Yes	Discount Programs:	Yes	DART- TRC Review:	Yes
Form 33 overview:	Yes	Free Service - No Penalties:	Yes		

Required OSHA Programs:

Recordkeeping:	Update	Lockout/Tagout:	Update	PPE Hazard Assess:	Update
Hazard Communication:	Update	Exposure Control Plan:	Update	Respiratory Prog:	Update
Emergency Action Plan:	Update	Forklift-PIT:	Update	PR Confined Space:	Update
Fire Prevention Plan:	Update	Chemical Hygiene Plan:	Update	Hearing Cons.:	Update
Lead Exposure:	NA	Asbestos Control:	NA	Hazardous Waste:	Update
PSM Process:	Update				

Sites Inspected and Number of Hazards Found:

- Waste Water facilities 291 Buffalo (2 buildings) 9 hazards

Recommendations for a safer work environment:

- Secondary containment of workplace labeling to include "product identifier and words, pictures, symbols, or combination thereof, which provide at least general information regarding the hazards of the chemicals, and which, in conjunction with the other information immediately available to employees under the hazard communication program, will provide employees with the specific information regarding the physical and health hazards of the hazardous chemical."

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- Ensure fire extinguishers are inspected and logged every 30 days.
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- Inspect all fall arrest equipment prior to use.
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Best practices observed during the inspection:

- Housekeeping within the current Waste Water facility demonstrates the workgroups commitment to safety.
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Elements of an effective health and safety program:

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Visit Start Date: **10/14/2025** Visit End Date: **10/14/2025**

Abatements due 11/26/2025

Please feel free to contact me if I can be of any further assistance at **crystal.west@wyo.gov** or **307-431-9567**.

Respectfully,



Crystal West
WCSR Safety Specialist.

Notice of Hazards & Employer Action Taken

Section 8, Itemd.

Company: Town of Alpine

Location: 121 US Hwy 89 Afton WY 83128

WC Policy #: 000156321

Visit Date: 10/14/2025

Abatement Due Date: 11/26/2025

Employer Signature & Date: _____

(Please sign when all abatements are completed)

Hazard #1	**Hazard Location:**	Well House		
Hazard Description:	Broken latch on electrical panel		**Picture:**	
Hazards Reference:	**1910.303(b)(7)(iv)** There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment, such as parts that are broken, bent, cut, or deteriorated by corrosion, chemical action, or overheating.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		**Abated on Site**		

Hazard #2	Hazard Location:	Well House		
Hazard Description:	Damaged safety latch on engine hoist		Picture:	
Hazards Reference:	1910.184(d) Inspections. Each day before being used, the sling and all the fastenings and attachments shall be inspected for damage or defects by a competent person designated by the employer. Additional inspections shall be performed during the sling use, where service conditions warrant. Damaged or defective slings shall be removed from service. Steel chain slings fall under the same provisions			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #3	Hazard Location:	Well House/Lift stations		
Hazard Description:	Missing confined space sign-		Picture:	 
Hazards Reference:	1910.145(c)(1)(ii) All employees shall be instructed that danger signs indicate immediate danger and that special precautions are necessary.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #4	**Hazard Location:**	Well house		
Hazard Description:	Replace old warning sign		**Picture:**	
Hazards Reference:	**1910.145(a)(1)** These specifications apply to the design, application, and use of signs or symbols (as included in paragraphs (c) through (e) of this section) intended to indicate and, insofar as possible, to define specific hazards of a nature such that failure to designate them may lead to accidental injury to workers or the public, or both, or to property damage. These specifications are intended to cover all safety signs except those designed for streets, highways, and railroads. These specifications do not apply to plant bulletin boards or to safety posters.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		**Abated on Site**		

Notice of Hazards & Employer Action Taken

Section 8, Itemd.

Company: Town of Alpine

Location: 289 Buffalo Drive Alpine WY 83128

WC Policy #: 000156321

Visit Date: 10/14/2025

Abatement Due Date: 11/26/2025

Employer Signature & Date: _____

(Please sign when all abatements are completed)

Hazard #1	**Hazard Location:**	Shop		
Hazard Description:	Secondary containment without proper GHS label		**Picture:**	
Hazards Reference:	**1910.1200(f)(6)(ii)** Product identifier and words, pictures, symbols, or combination thereof, which provide at least general information regarding the hazards of the chemicals, and which, in conjunction with the other information immediately available to employees under the hazard communication program, will provide employees with the specific information regarding the physical and health hazards of the hazardous chemical.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		**Abated on Site**		

Hazard #2	Hazard Location:	Shop		
Hazard Description:	Blocked electrical panel		Picture:	
Hazards Reference:	1910.303(g)(1) ***Space about electric equipment*. Sufficient access and working space shall be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment.**			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #3	Hazard Location:	Shop		
Hazard Description:	Expired eye wash in first Aid kit		Picture:	
Hazards Reference:	1910.151(c) Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #4	Hazard Location:	Shop		
Hazard Description:	Damaged jumper cables		Picture:	
Hazards Reference:	**1910.334(a)(2)(ii)** If there is a defect or evidence of damage that might expose an employee to injury, the defective or damaged item shall be removed from service, and no employee may use it until repairs and tests necessary to render the equipment safe have been made.			
Corrective Action Taken:	Jumper cables were thrown away			
Action Taken to Prevent Recurrence:	Will speak to the workgroup			
Date Corrected	10-14-2025	Abated on Site	10-14-2025	

Hazard #5	Hazard Location:	Shop		
Hazard Description:	Shelves without load limits		Picture:	
Hazards Reference:	**1910.176(b)** ***Secure storage***. Storage of material shall not create a hazard. Bags, containers, bundles, etc., stored in tiers shall be stacked, blocked, interlocked and limited in height so that they are stable and secure against sliding or collapse. **ANSI MH16.1-2023** Design, Testing, and Utilization of Industrial Steel Storage Racks This standard specifies minimum requirements for the structural design, testing, and utilization of industrial steel storage racks, including movable-shelf racks, rack-supported systems, and automated storage and retrieval systems (sometimes referred to as "stacker racks") constructed of cold-formed and/or hot-rolled steel structural members. Such rack types also include push-back rack, pallet-flow rack, case-flow rack, pick modules, and rack-supported platforms. This standard is also intended to be applied to the design of the storage rack portion of any rack structure that provides support to the exterior walls and roof, except as noted. It does not apply to other types of racks, such as drive-in or drive-through racks, cantilever racks, portable racks, or to racks made of material other than steel			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #6	Hazard Location:	Shop		
Hazard Description:	Missing load limits om ladders		Picture:	
Hazards Reference:	1910.23(c)(3) Ladders are not loaded beyond the maximum intended load; Note to paragraph (c)(3): The maximum intended load, as defined in § 1910.21(b), includes the total load (weight and force) of the employee and all tools, equipment, and materials being carried.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #7	Hazard Location:	Shop yard		
Hazard Description:	No annual inspection on vehicle crane		Picture:	
Hazards Reference:	1910.179(j)(1)(ii) Inspection procedure for cranes in regular service is divided into two general classifications based upon the intervals at which inspection should be performed. The intervals in turn are dependent upon the nature of the critical components of the crane and the degree of their exposure to wear, deterioration, or malfunction. The two general classifications are herein designated as "frequent" and "periodic" with respective intervals between inspections as defined below: • Frequent inspection - Daily to monthly intervals • Periodic inspection - 1 to 12-month intervals.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #8	Hazard Location:	Shop		
Hazard Description:	No known SDS sheets for chemicals on site		Picture:	N/A
Hazards Reference:	1910.1200(b)(3)(ii) Employers shall maintain any safety data sheets that are received with incoming shipments of hazardous chemicals, and ensure that they are readily accessible during each work shift to employees when they are in their work areas			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Notice of Hazards & Employer Action Taken

Company: Town of Alpine

Location: 291 Buffalo Drive Afton WY 83128- 2 shops

WC Policy #: 000156321

Visit Date: 10/14/2025

Abatement Due Date: 11/26/2025

Employer Signature & Date: _____

(Please sign when all abatements are completed)

Hazard #1	**Hazard Location:**	Waste water shed (not in service)	
Hazard Description:	Walking surface with no leading-edge protection, greater than 4 ft	**Picture:**	
Hazards Reference:	**1910.28(b)(1)(i)** Except as provided elsewhere in this section, the employer must ensure that each employee on a walking-working surface with an unprotected side or edge that is 4 feet (1.2 m) or more above a lower level is protected from falling by one or more of the following: 1910.28(b)(1)(i)(A) Guardrail systems		
Corrective Action Taken:			
Action Taken to Prevent Recurrence:			
Date Corrected		**Abated on Site**	

Hazard #2	Hazard Location:	Waste water shed (not in service)		
Hazard Description:	Open grating on vessel deeper than 4ft.		Picture:	
Hazards Reference:	1910.22(d)(2) Hazardous conditions on walking-working surfaces are corrected or repaired before an employee uses the walking-working surface again. If the correction or repair cannot be made immediately, the hazard must be guarded to prevent employees from using the walking-working surface until the hazard is corrected or repaired			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #3	Hazard Location:	Waste water shed (not in service)		
Hazard Description:	Missing handrail for stairs leading to the underground vessel		Picture:	
Hazards Reference:	1910.28(b)(11)(ii) Each flight of stairs having at least 3 treads and at least 4 risers is equipped with stair rail systems and handrails.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #4	Hazard Location:	Waste Water building		
Hazard Description:	Missing eye wash inspections-weekly		Picture:	
Hazards Reference:	1910.151(c) Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #5	Hazard Location:	Waste Water building		
Hazard Description:	Missing load limits om ladders		Picture:	
Hazards Reference:	1910.23(c)(3) Ladders are not loaded beyond the maximum intended load; Note to paragraph (c)(3): The maximum intended load, as defined in § 1910.21(b), includes the total load (weight and force) of the employee and all tools, equipment, and materials being carried.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #6	Hazard Location:	Waste Water building		
Hazard Description:	No annual inspection on overhead crane/hoist lift		Picture:	 
Hazards Reference:	**1910.179(j)(1)(ii)** Inspection procedure for cranes in regular service is divided into two general classifications based upon the intervals at which inspection should be performed. The intervals in turn are dependent upon the nature of the critical components of the crane and the degree of their exposure to wear, deterioration, or malfunction. The two general classifications are herein designated as "frequent" and "periodic" with respective intervals between inspections as defined below: • Frequent inspection - Daily to monthly intervals • Periodic inspection - 1 to 12-month intervals.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #7	Hazard Location:	Waste Water building		
Hazard Description:	No known SDS sheets for chemicals on site		Picture:	N/A
Hazards Reference:	**1910.1200(b)(3)(ii)** Employers shall maintain any safety data sheets that are received with incoming shipments of hazardous chemicals, and ensure that they are readily accessible during each work shift to employees when they are in their work areas			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #8	Hazard Location:	Waste Water building		
Hazard Description:	Missing EXIT signs		Picture:	 
Hazards Reference:	1910.37(b)(2) Each exit must be clearly visible and marked by a sign reading "Exit."			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

Hazard #9	Hazard Location:	Waste Water building		
Hazard Description:	Lock-Out/Tag-Out program controls for energy isolation need to be in place prior to any work taking place on electrical equipment		Picture:	
Hazards Reference:	1910.147(a)(3)(i) This section requires employers to establish a program and utilize procedures for affixing appropriate lockout devices or tagout devices to energy isolating devices, and to otherwise disable machines or equipment to prevent unexpected energization, start-up or release of stored energy in order to prevent injury to employees.			
Corrective Action Taken:				
Action Taken to Prevent Recurrence:				
Date Corrected		Abated on Site		

BRADY
WHEN PERFORMANCE MATTERS MOST™

GHS Label Training Guide

Need help training your employees to read GHS-formatted labels by the December 1st deadline?

Print this example of a compliant HazCom label and share it with your employees. Each of the six label elements are marked with a brief description that helps explain the make-up of a GHS label.

1. Signal Word

Indicates relative level of hazard. "Danger" is used for most severe instances, while "Warning" is less severe.

2. Symbols (Hazard Pictograms)

Convey health, physical and environmental hazard information with red diamond pictograms. May use a combination of one to five symbols.

3. Product Name or Identifiers

Identifies the chemical or substance. Should match the product name or identifier used on the SDS.

4. Hazard Statements

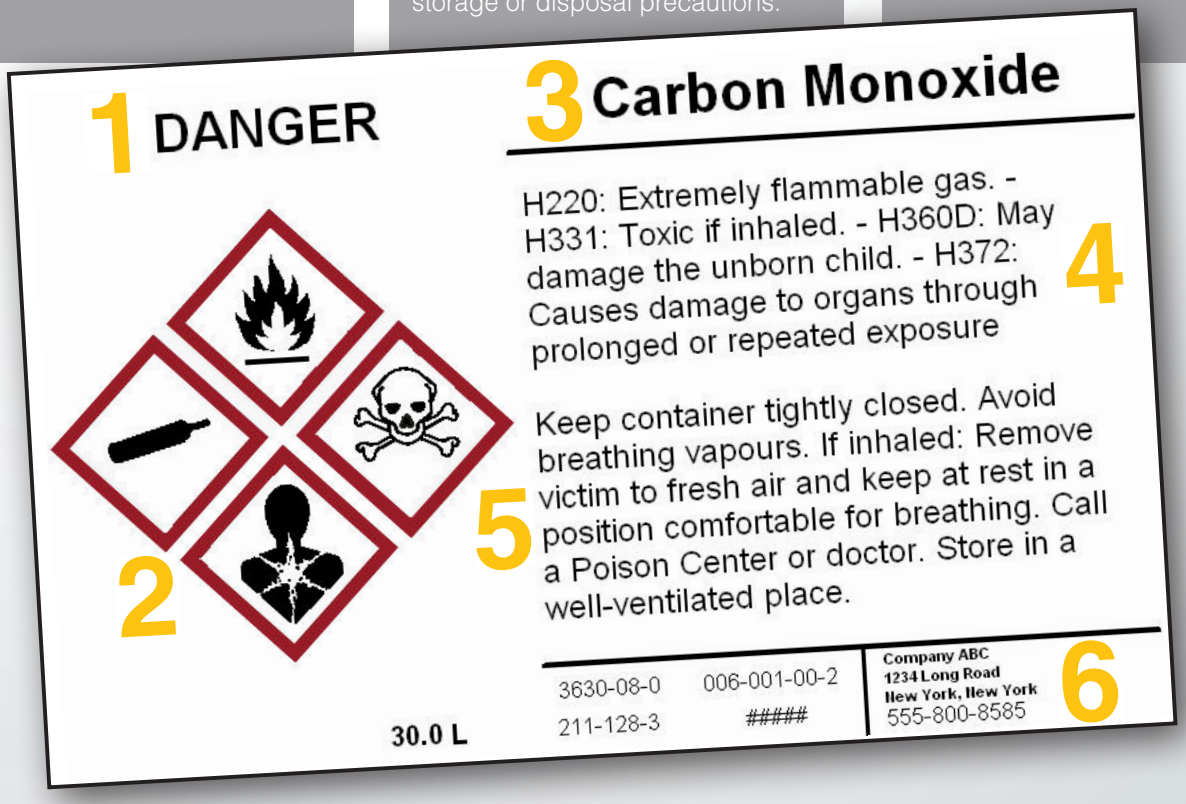
Phrases that describe the nature of hazardous products and oftentimes the degree of hazard.

5. Precautionary Statements

Phrases associated with each hazard statement, that describe general preventative, response, storage or disposal precautions.

6. Manufacturer Information

Company name, address & telephone number.



To get more information about GHS-compliant labeling, visit www.BradyID.com/ghs.

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OSHA INFOSHEET

Health Effects from Contaminated Water in Eyewash Stations

Eyewash stations used in workplaces must be maintained to prevent injury and illness to workers. This InfoSheet provides updated information on eyewash station hazards.

Eyewash stations are critical emergency safety equipment intended to mitigate eye injuries when control methods do not prevent exposure to a physical or chemical irritant or a biological agent. The ANSI standard for eyewashes specifies that eyewashes must be capable of delivering tepid flushing fluid to the eyes not less than 1.5 liters per minute (0.4 gpm) for 15 minutes after a single movement and subsequent hands-free operation. Whether the eyewash station is permanently connected to a source of potable water (i.e., plumbed) or has self-contained flushing fluid, improper maintenance may present health hazards that can worsen or cause additional damage to a worker's eye.

Where are eyewash stations used?

Eyewash facilities are required in workplaces where corrosive chemicals are used (29 CFR 1910.151(c)), as well as in HIV and HBV research laboratories and production facilities (1910.1030(e)(3)(i)), and where there is any possibility that an employee's eyes may be splashed with solutions containing 0.1 percent or greater formaldehyde (1910.1048(i)(3)). They may also be found in research and production laboratories, in medical facilities and other workplaces with materials that may cause injury to or infection of the eyes.

How can improperly maintained eyewash stations cause infections?

Water found in improperly maintained eyewash stations is more likely to contain organisms (*e.g., Acanthamoeba*, *Pseudomonas*, *Legionella*) that thrive in stagnant or untreated water and are known to cause infections. When a worker uses an eyewash station that is not maintained, organisms in the water may come into contact with the eye, skin, or may be inhaled. Workers using eyewash stations after exposure to a hazardous chemical or material may have eye injuries that make the eye more susceptible to infection. Also, workers with skin damage or compromised immune systems (*e.g.,* transplant recovery, cancer, lupus) are at increased risk for developing illnesses from contaminated water. Early diagnosis is important to prevent infections from causing serious health effects, including permanent vision loss and severe lung diseases (*e.g.*, pneumonia).

The following are a few organisms that thrive in eyewash stations when not maintained properly and the health hazards they present. This list is not all inclusive. There are many other micro-organisms that live in stagnant water that are not listed below.

Acanthamoeba is a microscopic single cell organism (amoeba) that may cause eye infections (see Figure 1). This organism can live in treated water and is commonly found in mucous membranes (*e.g.*, nose, throat, eyes) and in neurological tissues (*e.g.*, brain) without causing harm to the person. On rare occasions, exposure to *Acanthamoeba results in harmful eye infections known as Acanthamoeba keratitis.* Along with keratitis, workers with compromised immune systems face a significantly higher risk for developing neurological infections (Granulomatous Amoebic Encephalitis) or whole body infections. Workers may also experience eye redness, pain, tearing, blurred vision, light sensitivity, and eye inflammation several days after the use of a contaminated eyewash station. Diagnosing *Acanthamoeba* keratitis is difficult because more common eye infections have similar symptoms.



Photo courtesy of Dan B. Jones, M.D.

Figure 1. *Left, broad illumination; right, slit beam illumination. Early epithelial stage. Multifocal intraepithelial Acanthamoeba organisms.*

Pseudomonas infections are typically caused by a common bacteria species. *Pseudomonas aeruginosa* may cause infections to eyes, skin, muscle, lung, and other tissues. One symptom specific to *Pseudomonas aeruginosa* infection is green-blue pus in or around the infected area. If a pseudomonas infection spreads through the bloodstream (*i.e.*, septicemia), workers may become very sick with fevers, chills, confusion, shock, and even death. This bacterium has developed resistance to many antibiotics, which may make it harder to treat.



Figure 2. *Eyewash with protective covers.*

Legionella is a group of bacteria that are found in nature living with amoeba and may cause a serious lung infection. For example, since *Acanthamoeba* are effective hosts for *Legionella*, they may both be present in contaminated water. Although *Legionella* does not cause eye infections, inhaling water droplets containing the bacteria can cause Legionnaires' disease, a severe and fatal form of pneumonia. Workers with compromised immune systems, workers over the age of 55 or those with pre-existing lung diseases, such as Chronic Obstructive Pulmonary Diseases (COPD) are more at risk for infection. Legionnaires' disease symptoms occur 2 to 14 days after exposure, including coughing, breathlessness, high fever, muscle aches, and headaches, often requiring hospitalization.

For more information on Legionnaires' disease visit the OSHA Safety and Health Topics Page (www.osha.gov/SLTC/legionnairesdisease).

How can eyewash stations be maintained to prevent infections?

Eyewash station manufacturer instructions provide direction on how often and how long to activate specific plumbed systems to reduce microbial contamination and generally reference the American National Standards Institute (ANSI) standard Z358.1-2014. Self-contained eyewash units must be maintained and employers should consult the manufacturer's instructions for maintenance procedures. This includes flushing the system and using only solutions appropriate for flushing eyes.

Workers' Rights

Workers have the right to:

- Working conditions that do not pose a risk of serious harm.
- Receive information and training (in a language and vocabulary the worker understands) about workplace hazards, methods to prevent them, and the OSHA standards that apply to their workplace.
- Review records of work-related injuries and illnesses.
- File a complaint asking OSHA to inspect their workplace if they believe there is a serious hazard or that their employer is not following OSHA's rules. OSHA will keep all identities confidential.
- Exercise their rights under the law without retaliation, including reporting an injury or raising health and safety concerns with their employer or OSHA. If a worker has been retaliated against for using their rights, they must file a complaint with OSHA as soon as possible, but no later than 30 days.

For additional information on Workers' Rights, Employer Responsibilities, and other services OSHA offers, visit www.osha.gov.

Contact OSHA

For questions or to get information or advice, to report an emergency, fatality, inpatient hospitalization, amputation, or loss of an eye, or to file a confidential complaint, contact your nearest OSHA office, visit www.osha.gov, or call OSHA at 1-800-321-OSHA (6742), TTY 1-877-889-5627.

OSHA's On-site Consultation Program offers free and confidential advice to small and medium-sized businesses in all states across the country, with priority given to high-hazard worksites. On-site consultation services are separate from enforcement and do not result in penalties or citations.

For more information, to find the local On-site Consultation office in your state, or to request a brochure on Consultation Services, visit www.osha.gov/consultation, or call 1-800-321- OSHA (6742).

Many states operate their own OSHA-approved safety and health program. For further information, please visit www.osha.gov/dcsp/osp.

References

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Estimated Burden of Keratitis — United States, 2010 November 14, 2014 / 63(45);1027-1030 http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a3.htm

National Outbreak of Acanthamoeba Keratitis Associated with Use of a Contact Lens Solution, United States. [PDF, 663 KB, 7 pages] (Vol. 15, No. 8 / August 15, 2009)

Amebic Keratitis article (updated 7/23/2015) http://emedicine.medscape.com/article/211214-overview#a0199

Outbreaks of AK:
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Outbreak following flooding in Iowa. http://archopht.jamanetwork.com/article.aspx?articleid=263287

This InfoSheet is not a standard or regulation, and it creates no new legal obligations. It contains recommendations as well as descriptions of mandatory safety and health standards. The recommendations are advisory in nature, informational in content, and are intended to assist employers in providing a safe and healthful workplace. The *Occupational Safety and Health Act* requires employers to comply with safety and health standards and regulations promulgated by OSHA or by a state with an OSHA-approved state plan. In addition, the Act's General Duty Clause, Section 5(a)(1), requires employers to provide their employees with a workplace free from recognized hazards likely to cause death or serious physical harm.

U.S. Department of Labor

OSHA®
Occupational Safety and Health Administration

OSHA 3818-07 2015

OSHA
Forms for Recording
Work-Related Injuries and Illnesses

U.S. Department of Labor
Occupational Safety and Health Administration

Dear Employer:

This booklet includes the forms needed for maintaining occupational injury and illness records. Many but not all employers must complete the OSHA injury and illness recordkeeping forms on an ongoing basis. Employers in State Plan States should check with their State Plan to see if the exemptions below apply.

Employers with 10 or fewer employees throughout the previous calendar year do not need to complete these forms. In addition to the small employer exemption, there is an exemption for establishments classified in certain industries. A complete list of exempt industries can be found on the OSHA web page at https://www.osha.gov/recordkeeping.

Establishments normally exempt from keeping the OSHA forms must complete the forms if they are informed in writing to do so by the Bureau of Labor Statistics or OSHA.

All employers, including those partially exempted by reason of company size or industry classification, must report to OSHA any workplace incident that results in a fatality, in-patient hospitalization, amputation, or loss of an eye. You can report to OSHA by calling OSHA's free and confidential number at 1-800-321-OSHA (6742); calling your closest Area Office during normal business hours; or by using the online reporting form at https://www.osha.gov/pls/ser/serform.html.

Many employers are required to electronically submit information from their Form 300A Summary to OSHA. To see if your establishment is required to submit the information, visit https://www.osha.gov/injuryreporting/index.html.

The Occupational Safety and Health Administration shares with you the goal of preventing injuries and illnesses in our nation's workplaces. Accurate injury and illness records will help us achieve that goal.

Occupational Safety and Health Administration
U.S. Department of Labor

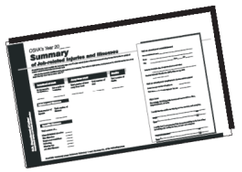
What's Inside...

In this package, you'll find everything you need to complete OSHA's *Log* and the *Summary of Work-Related Injuries and Illnesses* for the next several years. On the following pages, you'll find:

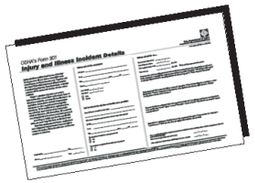
- ***An Overview: Recording Work-Related Injuries and Illnesses —*** General instructions for filling out the forms in this package and definitions of terms you should use when you classify your cases as injuries or illnesses.
- ***How to Fill Out the Log —*** An example to guide you in filling out the *Log* properly.
- ***Log of Work-Related Injuries and Illnesses —*** A copy of the *Log* (but you may make as many copies of the *Log* as you need.) Notice that the *Log* is separate from the *Summary.*



- ***Summary of Work-Related Injuries and Illnesses —*** Removable *Summary* pages for easy posting at the end of the year. Note that you post the *Summary* only, not the *Log.*



- ***Worksheet to Help You Fill Out the Summary —*** A worksheet for figuring the average number of employees who worked for your establishment and the total number of hours worked.
- ***OSHA's 301: Injury and Illness Incident Report —*** A copy of the OSHA 301 to provide details about the incident. You may make as many copies as you need or use an equivalent form.



Take a few minutes to review this package. If you have any questions, **visit us online at www.osha.gov or call your local OSHA office.** We'll be happy to help you.

An Overview: Recording Work-Related Injuries and Illnesses

The Occupational Safety and Health (OSH) Act of 1970 requires certain employers to prepare and maintain records of work-related injuries and illnesses. Use these definitions when you classify cases on the Log. OSHA's recordkeeping regulation (see 29 CFR Part 1904) provides more information about the definitions below.

The *Log of Work-Related Injuries and Illnesses* (Form 300) is used to classify work-related injuries and illnesses and to note the extent and severity of each case. When an incident occurs, use the *Log* to record specific details about what happened and how it happened. The *Summary* — a separate form (Form 300A) — shows the totals for the year in each category. At the end of the year, post the *Summary* in a visible location so that your employees are aware of the injuries and illnesses occurring in their workplace.

Employers must keep a *Log* for each establishment or site. If you have more than one establishment, you must keep a separate *Log* and *Summary* for each physical location that is expected to be in operation for one year or longer.

Note that your employees have the right to review your injury and illness records. For more information, see 29 Code of Federal Regulations Part 1904.35, *Employee Involvement.*

Cases listed on the *Log of Work-Related Injuries and Illnesses* are not necessarily eligible for workers' compensation or other insurance benefits. Listing a case on the *Log* does not mean that the employer or worker was at fault or that an OSHA standard was violated.

When is an injury or illness considered work-related?

An injury or illness is considered work-related if an event or exposure in the work environment caused or contributed to the condition or significantly aggravated a preexisting condition. Work-relatedness is presumed for injuries and illnesses resulting from events or exposures occurring in the workplace, unless an exception specifically applies. See 29 CFR Part 1904.5(b)(2) for the exceptions. The work environment includes the establishment and other locations where one or more employees are working or are present as a condition of their employment. See 29 CFR Part 1904.5(b)(1).

Which work-related injuries and illnesses should you record?

Record those work-related injuries and illnesses that result in:

- death,
- loss of consciousness,
- days away from work,
- restricted work activity or job transfer, or
- medical treatment beyond first aid. You must also record work-related injuries and illnesses that are significant (as defined below) or meet any of the additional criteria listed below.

You must record any significant work-related injury or illness that is diagnosed by a physician or other licensed health care professional. You must record any work-related case involving cancer, chronic irreversible disease, a fractured or cracked bone, or a punctured eardrum. See 29 CFR 1904.7.

What are the additional criteria?

You must record the following conditions when they are work-related:

- any needlestick injury or cut from a sharp object that is contaminated with another person's blood or other potentially infectious material;
- any case requiring an employee to be medically removed under the requirements of an OSHA health standard;
- tuberculosis infection as evidenced by a positive skin test or diagnosis by a physician or other licensed health care professional after exposure to a known case of active tuberculosis;
- an employee's hearing test (audiogram) reveals 1) that the employee has experienced a Standard Threshold Shift (STS) in hearing in one or both ears (averaged at 2000, 3000, and 4000 Hz) and 2) the employee's total hearing level is 25 decibels (dB) or more above audiometric zero (also averaged at 2000, 3000, and 4000 Hz) in the same ear(s) as the STS.

What is medical treatment?

Medical treatment includes managing and caring for a patient for the purpose of combating disease or disorder. The following are not considered medical treatments and are NOT recordable:

- visits to a doctor or health care professional solely for observation or counseling;

What do you need t

Section 8, Itemd.

1. Within 7 calendar days after you receive information about a case, decide if the case is recordable under the OSHA recordkeeping requirements.
2. Determine whether the incident is a new case or a recurrence of an existing one.
3. Establish whether the case was work-related.
4. If the case is recordable, decide which form you will fill out as the injury and illness incident report.

   You may use *OSHA's 301: Injury and Illness Incident Report* or an equivalent form. Some state workers compensation, insurance, or other reports may be acceptable substitutes, as long as they provide the same information as the OSHA 301.

How to work with the Log

1. Identify the employee involved unless it is a privacy concern case as described below.
2. Identify when and where the case occurred. Also describe the case, as specifically as you can.
3. Classify the seriousness of the case by recording the **most serious outcome** associated with the case, with column G (Death) being the most serious and column J (Other recordable cases) being the least serious.
4. Enter the number of days the injured or ill worker was away from work or was on job transfer or restricted work activity.
5. Identify whether the case is an injury or illness. If the case is an injury, check the injury category. If the case is an illness, check the appropriate illness category.

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- ▼ diagnostic procedures, including administering prescription medications that are used solely for diagnostic purposes; and
- ▼ any procedure that can be labeled first aid. (*See below for more information about first aid.)*

What is first aid?

If the incident required only the following types of treatment, consider it first aid. Do NOT record the case if it involves only:

- ▼ using non-prescription medications at non-prescription strength;
- ▼ administering tetanus immunizations;
- ▼ cleaning, flushing, or soaking wounds on the skin surface;
- ▼ using wound coverings, such as bandages, BandAids™, gauze pads, etc., or using SteriStrips™ or butterfly bandages;
- ▼ using hot or cold therapy;
- ▼ using any totally non-rigid means of support, such as elastic bandages, wraps, non-rigid back belts, etc.;
- ▼ using temporary immobilization devices while transporting an accident victim (splints, slings, neck collars, or back boards);
- ▼ drilling a fingernail or toenail to relieve pressure, or draining fluids from blisters;
- ▼ using eye patches;
- ▼ using simple irrigation or a cotton swab to remove foreign bodies not embedded in or adhered to the eye;
- ▼ using irrigation, tweezers, cotton swab or other simple means to remove splinters or foreign material from areas other than the eye;
- ▼ using finger guards;
- ▼ using massages;
- ▼ drinking fluids to relieve heat stress.

How do you decide if the case involved restricted work?

Restricted work activity occurs when, as the result of a work-related injury or illness, an employer or health care professional keeps, or recommends keeping, an employee from doing the routine functions of his or her job or from working the full workday that the employee would have been scheduled to work before the injury or illness occurred.

How do you count the number of days of restricted work activity or the number of days away from work?

Count the number of calendar days the employee was on restricted work activity or was away from work as a result of the recordable injury or illness. Do not count the day on which the injury or illness occurred in this number. Begin counting days from the day **after** the incident occurs. If a single injury or illness involved both days away from work and days of restricted work activity, enter the total number of days for each. You may stop counting days of restricted work activity or days away from work once the total of either or the combination of both reaches 180 days.

Under what circumstances should you NOT enter the employee's name on the OSHA Form 300?

You must consider the following types of injuries or illnesses to be privacy concern cases:

- ▼ an injury or illness to an intimate body part or to the reproductive system,
- ▼ an injury or illness resulting from a sexual assault,
- ▼ a mental illness,
- ▼ a case of HIV infection, hepatitis, or tuberculosis,
- ▼ a needlestick injury or cut from a sharp object that is contaminated with blood or other potentially infectious material (see 29 CFR Part 1904.8 for definition), and
- ▼ other illnesses, if the employee independently and voluntarily requests that his or her name not be entered on the log.

You must not enter the employee's name on the OSHA 300 *Log* for these cases. Instead, enter "privacy case" in the space normally used for the employee's name. You must keep a separate, confidential list of the case numbers and employee names for the establishment's privacy concern cases so that you can update the cases and provide information to the government if asked to do so.

If you have a reasonable basis to believe that information describing the privacy concern case may be personally identifiable even though the employee's name has been omitted, you may use discretion in describing the injury or illness on both the OSHA 300 and 301 forms. You must enter enough information to identify the cause of the incident and the general severity of the injury or illness, but you do not need to include details of an intimate or private nature.

What if the outcome changes after you record the case?

If the outcome or extent of an injury or illness changes after you have recorded the case, simply draw a line through the original entry or, if you wish, delete or white-out the original entry. Then write the new entry where it belongs. Remember, you need to record the most serious outcome for each case.

Classifying injuries

An injury is any wound or damage to the body resulting from an event in the work environment.

Examples: Cut, puncture, laceration, abrasion, fracture, bruise, contusion, chipped tooth, amputation, insect bite, electrocution, or a thermal, chemical, electrical, or radiation burn. Sprain and strain injuries to muscles, joints, and connective tissues are classified as injuries when they result from a slip, trip, fall or other similar accidents.

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Classifying illnesses

Skin diseases or disorders

Skin diseases or disorders are illnesses involving the worker's skin that are caused by work exposure to chemicals, plants, or other substances.

Examples: Contact dermatitis, eczema, or rash caused by primary irritants and sensitizers or poisonous plants; oil acne; friction blisters; chrome ulcers; inflammation of the skin.

Respiratory conditions

Respiratory conditions are illnesses associated with breathing hazardous biological agents, chemicals, dust, gases, vapors, or fumes at work.

Examples: Silicosis, asbestosis, pneumonitis, pharyngitis, rhinitis or acute congestion; farmer's lung, beryllium disease, tuberculosis, occupational asthma, reactive airways dysfunction syndrome (RADS), chronic obstructive pulmonary disease (COPD), hypersensitivity pneumonitis, toxic inhalation injury, such as metal fume fever, chronic obstructive bronchitis, and other pneumoconioses.

Poisoning

Poisoning includes disorders evidenced by abnormal concentrations of toxic substances in blood, other tissues, other bodily fluids, or the breath that are caused by the ingestion or absorption of toxic substances into the body.

Examples: Poisoning by lead, mercury, cadmium, arsenic, or other metals; poisoning by carbon monoxide, hydrogen sulfide, or other gases; poisoning by benzene, benzol, carbon tetrachloride, or other organic solvents; poisoning by insecticide sprays, such as parathion or lead arsenate; poisoning by other chemicals, such as formaldehyde.

Hearing Loss

Noise-induced hearing loss is defined for recordkeeping purposes as a change in hearing threshold relative to the baseline audiogram of an average of 10 dB or more in either ear at 2000, 3000, and 4000 hertz, and the employee's total hearing level is 25 decibels (dB) or more above audiometric zero (also averaged at 2000, 3000, and 4000 hertz) in the same ear(s).

All other illnesses

All other occupational illnesses.

Examples: Heatstroke, sunstroke, heat exhaustion, heat stress and other effects of environmental heat; freezing, frostbite, and other effects of exposure to low temperatures; decompression sickness; effects of ionizing radiation (isotopes, x-rays, radium); effects of nonionizing radiation (welding flash, ultra-violet rays, lasers); anthrax; bloodborne pathogenic diseases, such as AIDS, HIV, hepatitis B or hepatitis C; brucellosis; malignant or benign tumors; histoplasmosis; coccidioidomycosis.

When must you post the Summary?

You must post the *Summary* only — not the *Log* — by February 1 of the year following the year covered by the form and keep it posted until April 30 of that year.

How long must you keep the Log and Summary on file?

You must keep the *Log* and *Summary* for 5 years following the year to which they pertain.

Do you have to send these forms to OSHA at the end of the year?

Many employers are required to electronically submit information from their Form 300A Summary to OSHA. To see if your establishment is required to submit the information, visit https://www.osha.gov/injuryreporting/index.html.

How can we help you?

If you have a question about how to fill out the *Log*,

- **visit us online at www.osha.gov or**
- **call your local OSHA office.**

Optional

Calculating Injury and Illness Incidence Rates

Note: You can type input into this form and save it. Because the forms in this recordkeeping package are "fill PDF documents, you can type into the input form fields a then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

What is an incidence rate?

An incidence rate is the number of recordable injuries and illnesses occurring among a given number of full-time workers (usually 100 full-time workers) over a given period of time (usually one year). To evaluate your firm's injury and illness experience over time or to compare your firm's experience with that of your industry as a whole, you need to compute your incidence rate. Because a specific number of workers and a specific period of time are involved, these rates can help you identify problems in your workplace and/or progress you may have made in preventing work-related injuries and illnesses.

How do you calculate an incidence rate?

You can compute an occupational injury and illness incidence rate for all recordable cases or for cases that involved days away from work for your firm quickly and easily. The formula requires that you follow instructions in paragraph (a) below for the total recordable cases or those in paragraph (b) for cases that involved days away from work, *and* for both rates the instructions in paragraph (c).

(a) *To find out the total number of recordable injuries and illnesses that occurred during the year,* count the number of line entries on your OSHA Form 300, or refer to the OSHA Form 300A and sum the entries for columns (H), (I), and (J).

(b) *To find out the number of injuries and illnesses that involved days away from work,* count the number of line entries on your OSHA Form 300 that received a check mark in column (H), or refer to the entry for column (H) on the OSHA Form 300A.

(c) *The number of hours all employees actually worked during the year*. Refer to OSHA Form 300A and optional worksheet to calculate this number.

You can compute the incidence rate for all recordable cases of injuries and illnesses using the following formula:

Total number of injuries and illnesses X *200,000* ÷ *Number of hours worked by all employees = Total recordable case rate*

(The 200,000 figure in the formula represents the number of hours 100 employees working 40 hours per week, 50 weeks per year would work, and provides the standard base for calculating incidence rates.)

You can compute the incidence rate for recordable cases involving days away from work, days of restricted work activity or job transfer (DART) using the following formula:

(Number of entries in column H + Number of entries in column I) X *200,000* ÷ *Number of hours worked by all employees = DART incidence rate*

You can use the same formula to calculate incidence rates for other variables such as cases involving restricted work activity (column (I) on Form 300A), cases involving skin disorders (column (M-2) on Form 300A), etc. Just substitute the appropriate total for these cases, from Form 300A, into the formula in place of the total number of injuries and illnesses.

What can I compare my incidence rate to?

The Bureau of Labor Statistics (BLS) conducts a survey of occupational injuries and illnesses each year and publishes incidence rate data by various classifications (e.g., by industry, by employer size, etc.). You can obtain these published data at www.bls.gov/iif or by calling a BLS Regional Office.

Worksheet

Total number of injuries and illnesses		200,000	÷	Number of hours worked by all employees	=	Total recordable case rate
_____	X			_____		0

Number of entries in Column H + Column I		200,000	÷	Number of hours worked by all employees	=	DART incidence rate
_____	X			_____		0

Reset

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Occupational Safety and Health Administration

How to Fill Out the Log

Note: Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

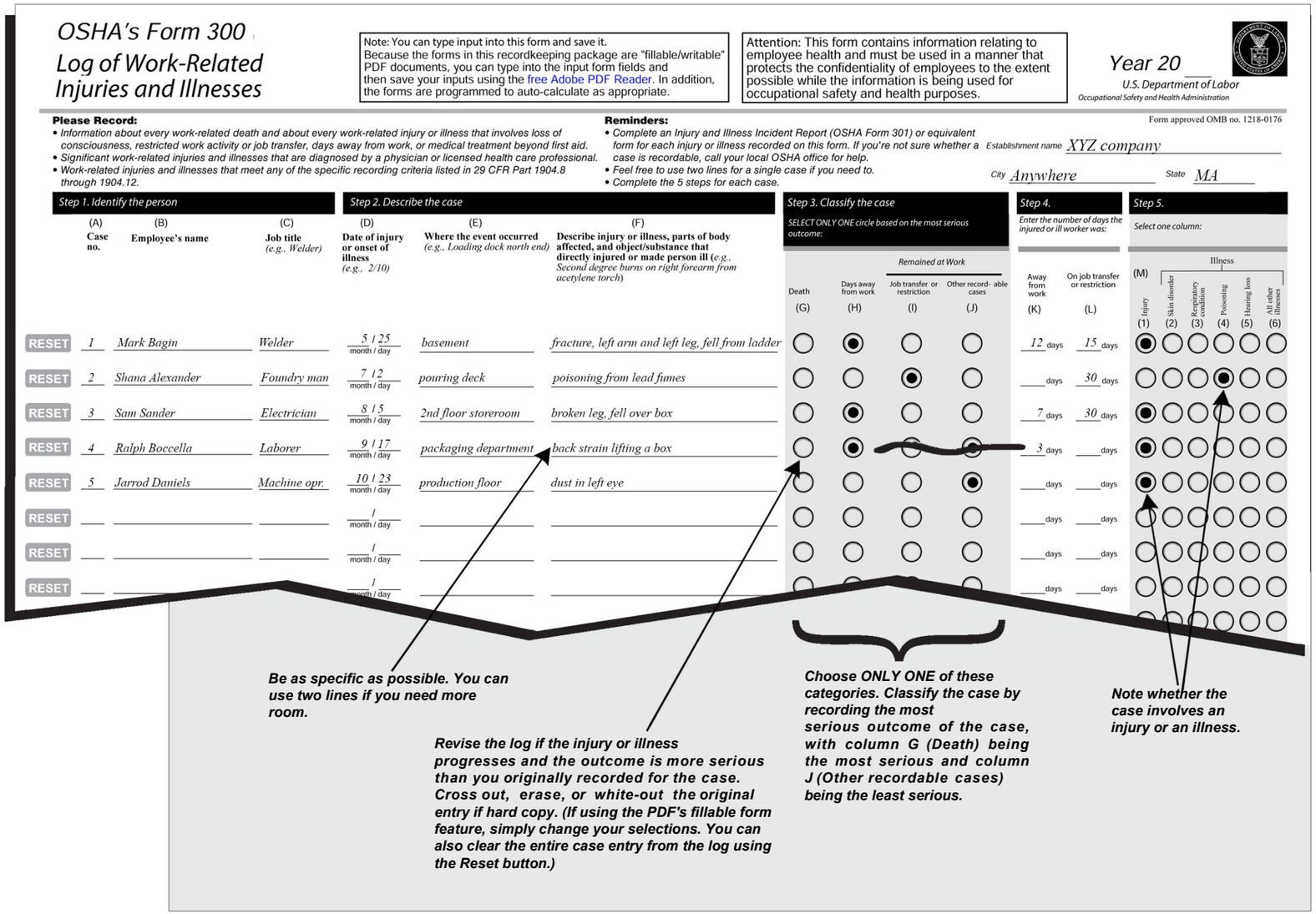
The *Log of Work-Related Injuries and Illnesses* is used to classify work-related injuries and illnesses and to note the extent and severity of each case. When an incident occurs, use the *Log* to record specific details about what happened and how it happened.

If your company has more than one establishment or site, you must keep separate records for each physical location that is expected to remain in operation for one year or longer.

If you need additional copies of the *Log*, you may photocopy the printout or insert additional form pages in the PDF, and then use as many as you need.

The *Summary* — a separate form — shows the work-related injury and illness totals for the year in each category. At the end of the year, count the number of incidents in each category and transfer the totals from the *Log* to the *Summary*. Then post the *Summary* in a visible location so that your employees are aware of injuries and illnesses occurring in their workplace.

You don't post the Log. You post only the Summary at the end of the year.



OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it. Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 ___

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

Please Record:
- Information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid.
- Significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional.
- Work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12.

Reminders:
- Complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.
- Feel free to use two lines for a single case if you need to.
- Complete the 5 steps for each case.

Establishment name XYZ company
City Anywhere State MA

	Step 1. Identify the person			Step 2. Describe the case			Step 3. Classify the case				Step 4.		Step 5.					
	(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness (e.g., 2/10)	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burns on right forearm from acetylene torch)	SELECT ONLY ONE circle based on the most serious outcome: Death (G)	Days away from work (H)	Remained at Work: Job transfer or restriction (I)	Remained at Work: Other recordable cases (J)	Away from work (K)	On job transfer or restriction (L)	(M) Illness: Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
RESET	1	Mark Bagin	Welder	5 / 25	basement	fracture, left arm and left leg, fell from ladder		●			12 days	15 days	●					
RESET	2	Shana Alexander	Foundry man	7 / 2	pouring deck	poisoning from lead fumes			●		___ days	30 days				●		
RESET	3	Sam Sander	Electrician	8 / 5	2nd floor storeroom	broken leg, fell over box		●			7 days	30 days	●					
RESET	4	Ralph Boccella	Laborer	9 / 17	packaging department	back strain lifting a box		●			3 days	___ days	●					
RESET	5	Jarrod Daniels	Machine opr.	10 / 23	production floor	dust in left eye				●	___ days	___ days	●					
RESET				/							___ days	___ days						
RESET				/							___ days	___ days						
RESET				/							___ days	___ days						

Be as specific as possible. You can use two lines if you need more room.

Revise the log if the injury or illness progresses and the outcome is more serious than you originally recorded for the case. Cross out, erase, or white-out the original entry if hard copy. (If using the PDF's fillable form feature, simply change your selections. You can also clear the entire case entry from the log using the Reset button.)

Choose ONLY ONE of these categories. Classify the case by recording the most serious outcome of the case, with column G (Death) being the most serious and column J (Other recordable cases) being the least serious.

Note whether the case involves an injury or an illness.

U.S. Department of Labor
Occupational Safety and Health Administration

OSHA's Form 300 (Rev. 04/2004)

Log of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it.
Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

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Year 20 ____

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

Please Record:
- *Information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid.*
- *Significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional.*
- *Work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12.*

Reminders:
- *Complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.*
- *Feel free to use two lines for a single case if you need to.*
- *Complete the 5 steps for each case.*

Establishment name _____

City _____ *State* _____

Step 1. Identify the person

Step 2. Describe the case

Step 3. Classify the case

SELECT ONLY ONE circle based on the most serious outcome:

Step 4.

Enter the number of days the injured or ill worker was:

Step 5.

Select one column:

	(A) Case no.	(B) Employee's name	(C) Job title *(e.g., Welder)*	(D) Date of injury or onset of illness *(e.g., 2/10)*	(E) Where the event occurred *(e.g., Loading dock north end)*	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill *(e.g., Second degree burns on right forearm from acetylene torch)*	Step 3: Death (G)	Step 3: Remained at Work — Days away from work (H)	Step 3: Remained at Work — Job transfer or restriction (I)	Step 3: Remained at Work — Other record-able cases (J)	Step 4: Away from work (K)	Step 4: On job transfer or restriction (L)	Step 5: (M) Injury (1)	Step 5: (M) Skin disorder (2)	Step 5: (M) Respiratory condition (3)	Step 5: (M) Poisoning (4)	Step 5: (M) Hearing loss (5)	Step 5: (M) All other illnesses (6)
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						
Reset				____/____ month / day							____days	____days						

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Add a Form Page

Page totals ▶	0	0	0	0	0	0	0	0	0	0	0	0
							(1) Injury	(2) Skin disorder	(3) Respiratory condition	(4) Poisoning	(5) Hearing loss	(6) All other illnesses

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

812

OSHA's Form 300A (Rev. 04/2004)

Summary of Work-Related Injuries and Illnesses

Note: You can type input into this form and save it.
Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader.

Year 20___

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0	0	0	0
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0	0
(K)	(L)

Injury and Illness Types

Total number of . . . (M)			
(1) Injuries	0	(4) Poisonings	0
(2) Skin disorders	0	(5) Hearing loss	0
(3) Respiratory conditions	0	(6) All other illnesses	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name _____

Street _____

City _____ State _____ Zip _____

Industry description (*e.g., Manufacture of motor truck trailers*)

_____

North American Industrial Classification (NAICS), if known (e.g., 336212)

Employment information *(If you don't have these figures, see the Worksheet on the next page to estimate.)*

Annual average number of employees _____

Total hours worked by all employees last year _____

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

_____ _____
Company executive Title

Phone _____ Date _____

Reset

Optional

Worksheet to Help You Fill Out the Summary

Note: You can type input into this form and s
Because the forms in this recordkeeping package are "
writable" PDF documents, you can type into the input f
then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

At the end of the year, OSHA requires you to enter the average number of employees and the total hours your employees worked on the Summary. If you don't have these figures, you can use the information on this page to estimate the numbers you will need to enter on the Summary page.

If you pay about the same number of employees every pay period throughout the year (e.g., about 100), then you can use that number as your annual average employment. If the number of employees fluctuates from pay period to pay period (e.g., your business is seasonal or your establishment grew or shrunk during the year), then you should use the formula below to calculate employment average.

How to figure the average number of employees who worked for your establishment during the year:

❶ ***Add up*** and then enter the number of employees your establishment paid **IN EACH PAY PERIOD** during the year. Be sure to include all employees: full-time, part-time, temporary, seasonal, salaried, and hourly.

The total number of employees paid in all pay periods throughout the year = ❶ _____

❷ ***Count*** and then enter the number of pay periods your establishment had during the year. Be sure to include any pay periods when you had no employees. For example, enter 26 if you have biweekly pay periods or 52 if you have weekly pay periods.

The number of pay periods during the year = ❷ _____

❸ ***Divide*** the number of employees by the number of pay periods. (See auto-calc.)

❶ 0 / ❷ 0 = ❸ 0 _____

❹ ***Round the answer*** to the next highest whole number (See auto-calc.). Write the rounded number in the blank on the Summary page marked *Annual average number of employees.*

The number rounded = ❹ 0 _____

For example, Acme Construction figured its average employment this way:

In this pay period . . .	**Acme paid this many employees . . .**	
1	10	
2	0	Number of employees paid = 830 ❶
3	15	
4	30	Number of pay periods = 26 ❷
5	40	830 = 31.92 ❸
▼	▼	26
24	20	
25	15	31.92 rounds to 32 ❹
26	+10	
	830	32 is the annual average number of employees

Note: Review your annual average number of employees to ensure it makes sense. Is it about the same as the number of employees working at your establishment on any given day? Is it bigger than your smallest number of employees in a pay period? Is it smaller than your biggest number of employees in a pay period? If the answer to any of these questions is "no," then the calculation may be incorrect.

Note: You **CANNOT** divide the total number of W2s by the number of pay periods to calculate average employment. You must add up the number of employees paid **IN EACH PAY PERIOD** and then divide by the number of pay periods.

How to figure the total hours all employees worked:

Include hours worked by salaried, hourly, part-time, and seasonal workers, as well as hours worked by other workers subject to day-to-day supervision by your establishment (e.g., temporary help service workers).

Do not include vacation, sick leave, holidays, or any other non-work time, even if employees were paid for it. If your establishment keeps records of only the hours paid, or if you have employees who are not paid by the hour, please estimate the hours that the employees actually worked.

If this number isn't available, you can use this optional worksheet to estimate it.

Optional Worksheet

_____ ***Find*** the number of full-time employees in your establishment for the year.

x_____ ***Multiply*** by the number of work hours for a full-time employee in a year.

_____ This is the number of full-time hours worked.

+_____ ***Add*** the number of any overtime hours as well as the hours worked by other employees (part-time, temporary, seasonal).

0 _____ ***Round*** the answer to the next highest whole number. Write the rounded number in the blank on the Summary page marked *Total hours worked by all employees last year*.

Reset

U.S. Department of Labor
Occupational Safety and Health Administration

OSHA's Form 301 (Rev. 04/2004)

Injury and Illness Incident Report

Note: You can type input into this form and save it. Because the forms in this recordkeeping package are "fillable/writable" PDF documents, you can type into the input form fields and then save your inputs using the free Adobe PDF Reader. In addition, the forms are programmed to auto-calculate as appropriate.

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

This *Injury and Illness Incident Report* is one of the first forms you must fill out when a recordable work-related injury or illness has occurred. Together with the *Log of Work-Related Injuries and Illnesses* and the accompanying *Summary,* these forms help the employer and OSHA develop a picture of the extent and severity of work-related incidents.

Within 7 calendar days after you receive information that a recordable work-related injury or illness has occurred, you must fill out this form or an equivalent. Some state workers' compensation, insurance, or other reports may be acceptable substitutes. To be considered an equivalent form, any substitute must contain all the information asked for on this form.

According to Public Law 91-596 and 29 CFR 1904, OSHA's recordkeeping rule, you must keep this form on file for 5 years following the year to which it pertains.

If you need additional copies of this form, you may photocopy the printout or insert additional form pages in the PDF, and then use as many as you need.

Completed by _____

Title _____

Phone _____ **Date** _____
Month Day Year

Information about the employee

1) Full name _____

2) Street _____

City _____ **State** _____ **ZIP** _____

3) Date of birth _____
Month Day Year

4) Date hired _____
Month Day Year

5) ○ **Male** ○ **Female**

Information about the physician or other health care professional

6) Name of physician or other health care professional

_____

7) If treatment was given away from the worksite, where was it given?

Facility _____

Street _____

City _____ **State** _____ **ZIP** _____

8) Was employee treated in an emergency room?
○ **Yes**
○ **No**

9) Was employee hospitalized overnight as an in-patient?
○ **Yes**
○ **No**

Information about the case

10) **Case number from the *Log*** _____ *(Transfer the case number from the Log after you record the case.)*

11) **Date of injury or illness** _____
Month Day Year

12) **Time employee began work** (HH:MM) _____ ○ **AM** ○ **PM**

13) **Time of event** (HH:MM) _____ ○ **AM** ○ **PM** ○ **Check if time cannot be determined**

*** Re fields 14 to 17:** Please do not include any personally identifiable information (PII) pertaining to worker(s) involved in the incident (e.g., no names, phone numbers, or Social Security numbers).

14)* ***What was the employee doing just before the incident occurred?*** Describe the activity, as well as the tools, equipment, or material the employee was using. Be specific. *Examples:* "climbing a ladder while carrying roofing materials"; "spraying chlorine from hand sprayer"; "daily computer key-entry."

15)* ***What Happened?*** **Tell us how the injury occurred.** *Examples:* "When ladder slipped on wet floor, worker fell 20 feet"; "Worker was sprayed with chlorine when gasket broke during replacement"; "Worker developed soreness in wrist over time."

16)* ***What was the injury or illness?*** Tell us the part of the body that was affected and how it was affected. *Examples:* "strained back"; "chemical burn, hand"; "carpal tunnel syndrome."

17) ***What object or substance directly harmed the employee?*** *Examples:* "concrete floor"; "chlorine"; "radial arm saw." *If this question does not apply to the incident, leave it blank.*

18) ***If the employee died, when did death occur?*** **Date of death** _____
Month Day Year

Add a Form Page Reset

Public reporting burden for this collection of information is estimated to average 22 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Persons are not required to respond to the collection of information unless it displays a current valid OMB control number. If you have any comments about this estimate or any other aspects of this data collection, including suggestions for reducing this burden, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

If You Need Help...

If you need help deciding whether a case is recordable, or if you have questions about the information in this package, feel free to contact us. We'll gladly answer any questions you have.

- **Visit us online at www.osha.gov**
- **Call your OSHA Regional office and ask for the recordkeeping coordinator**

or

- **Call your State Plan office**

www.osha.gov/stateplans

Federal Jurisdiction

Region 1 - 617 / 565-9860
Connecticut; Massachusetts; Maine; New Hampshire; Rhode Island

Region 2 - 212 / 337-2378
New York; New Jersey

Region 3 - 215 / 861-4900
DC; Delaware; Pennsylvania; West Virginia

Region 4 - 678 / 237-0400
Alabama; Florida; Georgia; Mississippi

Region 5 - 312 / 353-2220
Illinois; Ohio; Wisconsin

Region 6 - 972 / 850-4145
Arkansas; Louisiana; Oklahoma; Texas

Region 7 - 816 / 283-8745
Kansas; Missouri; Nebraska

Region 8 - 720 / 264-6550
Colorado; Montana; North Dakota; South Dakota

Region 9 - 415 / 625-2547

Region 10 - 206 / 553-5930
Idaho

State Plan States

Alaska
Arizona
California
*Connecticut
Hawaii
*Illinois
Indiana
Iowa
Kentucky
*Maine
Maryland
Michigan
Minnesota
Nevada
*New Jersey
New Mexico
*New York
North Carolina
Oregon
Puerto Rico
South Carolina
Tennessee
Utah
Vermont
Virginia
*Virgin Islands
Washington
Wyoming

*Public Sector only

U.S. Department of Labor
Occupational Safety and Health Administration

U.S. Department of Labor
Occupational Safety and Health Administration

Have questions?

If you need help in filling out the *Log* or *Summary,* or if you have questions about whether a case is recordable, contact us. We'll be happy to help you. You can:

▼ Visit us online at: **www.osha.gov**

▼ Call your regional or state plan office. You'll find the phone number listed on the previous page.

CONSULTING ENGINEERS

Suite 200
Fort Collins, CO 80524
970.225.9099
info@jvajva.com

www.jvajva.com

October 30, 2025

Monica Chenault, Town Clerk and Treasurer
Town of Alpine
PO Box 3070
Alpine, WY 83128

RE: Alpine Pretreatment Facility Design Assessment

Dear Ms. Chenault:

JVA, Inc (JVA) is pleased to provide this letter agreement for a third party engineering assessment of the Town of Alpine's (Town) Pretreatment Facility. The Town requested JVA to assess the recently commissioned Pretreatment Facility specific to potential design flaws related to the pretreatment membrane bioreactor (MBR) permeate discharge and solids dewatering pressate return to equalization (EQ) basin. The Town has been unable to operate the pretreatment facility in accordance with the design intent of discharging MBR pretreated permeate to the Town's WWTF ultraviolet (UV) disinfection system. The Pretreatment Facility was designed and constructed for pretreating Melvin Brewery wastewater to meet a permeate water quality adequate for direct discharge to Town's WWTF UV disinfection. The waste solids produced from the pretreatment MBR process are combined Town's MBR treatment waste solids for aerobic digestion and thickening prior to the dewatering system which consists of a screw press process. During operation of the screw press the pressate discharge is directed to the pretreatment EQ basin which also received wastewater from Melvin. The combination of the two sources hydraulically overloads the EQ basin and pumps exceeding the capacity of pretreatment system. Currently the Town is unable to discharge the Pretreatment Facility MBR permeate to the intended discharge point and unable to process both Melvin wastewater and the screw press pressate simultaneously.

JVA has developed a scope outlined below based on the narrative above and recent correspondence with the Town.

SCOPE OF WORK

1. Kickoff meeting with Town staff. JVA will coordinate with the Town to have a virtual kickoff meeting to discuss project objectives and schedule. JVA will prepare meeting notes for distribution along with a work plan for distribution. *Estimated hours for this task: 6 hours*
2. JVA will assess the Pretreatment Facility MBR permeate discharge point to determine the design flaws and reasons why the system is not working. *Estimated hours for this task: 6 hours*
3. JVA will develop potential design solutions for correcting the permeate discharge as per the original design intent. JVA will prepare pdf design sketches and keyed notes for the selected solution. *Estimated hours for this task: 8 hours*
4. JVA will access the screw press pressate discharge to the EQ basin to determine the design flaws and reasons why the system is not working as designed. *Estimated hours for this task: 6 hours*
5. JVA will develop potential design solutions for correcting the permeate discharge as per the original design intent. JVA will prepare pdf design sketches and keyed notes for the selected solution. *Estimated hours for this task: 8 hours*

6. JVA will prepare a design assessment technical memorandum summarizing the design flaws along with the recommended improvements to mitigate the flaw. Estimated construction costs for the improvements will be provided. *Estimated hours for this task: 12 hours*
7. JVA will schedule a virtual meeting with the Town to discuss the recommended improvements to the Pretreatment Facility MBR permeate discharge and screw press pressate discharge to the EQ basin. JVA will update the design sketches and notes accordingly. *Estimated hours for this task: 6 hours*

ASSUMPTIONS MADE FOR PROJECT SCOPE

1. Site visits to the Alpine WWTF and Pretreatment Facility are not included in the scope. If necessary, JVA can make a site visit to review existing conditions and / or post improvement conditions and meet with operation staff.
2. JVA will utilize the existing Alpine WWTF record drawings and the Cambrian (manufacturer of the Pretreatment Facility MBR) design drawings.
3. JVA will work with operation staff for data and correspondence needs such as photos, videos, and TEAMS calls with operation staff.
4. Electrical and controls improvements are not anticipated and therefore not included in the scope.
5. The Town will work with the Snake River MEP for final construction costs and implementation of the recommended improvements

PROJECT FEE AND SCHEDULE

The estimated fee is based on the scope of work tasks detailed above and the project assumptions. The estimated fee for the work is **$10,700** and billed monthly on a time and materials basis. Reimbursables (if any) will be billed separately and not included in the estimated fee. JVA will not exceed this amount without prior authorization from the Town. JVA anticipates the work to be completed within four weeks from notice to proceed. Attached to this letter agreement is our standard conditions for your review.

If acceptable, please sign below for authorization to proceed. Thank you for selecting JVA to assist the Town in this critical project.

Sincerely,
JVA, INCORPORATED

By: _____
John P. McGee
Principal

Accepted By:
TOWN OF ALPINE

By: _____
Town of Alpine
Date: _____

Enclosure: JVA Standard Conditions

JVA, INC.
STANDARD TERMS AND CONDITIONS FOR
ENGINEERING SERVICES

These Standard Conditions are attached to and made a part of the preceding Letter Agreement between the stated Town of Alpine, WY (CLIENT) and JVA, Inc. (JVA). Any specific provision of the Letter Agreement which conflicts with provisions of these Standard Conditions supersedes the conflicting provisions of these Standard Conditions.

SECTION 1 - BASIC SERVICES OF JVA

1.1 Scope of Services

JVA shall perform professional services as set forth in JVA's Proposal and Letter Agreement.

1.2 Copies of Documents

Unless specifically provided for in the Letter Agreement, JVA shall furnish one reproducible set of instruments of services, as appropriate, at the end of each project phase. Additional copies will be supplied at JVA's costs of printing and distribution, plus a reasonable profit.

1.3 Construction Phase

If the project includes a Construction Phase, JVA shall perform the professional services stated in the Letter Agreement, *subject to the following* Terms and Conditions:

1.3.1. JVA shall not be required to make exhaustive or continuous on-site observations to check the quality or quantity of contractor's work. JVA shall not be responsible for the means, methods, techniques, sequences or procedures of construction selected by Contractor(s) or the safety precautions and programs incident to the work of Contractor(s). JVA shall not be responsible for the failure of Contractor(s) to perform the work in accordance with the Contract Documents.

1.3.2. Insofar as jobsite safety is concerned, JVA is responsible solely for its employees' activities on the jobsite, but this shall not be construed to relieve CLIENT or any construction contractors from their responsibilities for maintaining a safe jobsite. Neither the professional activities of JVA, nor presence of JVA or its employees and subcontractors, shall be construed to imply JVA has any responsibility for methods of work performance, superintendence, sequencing of construction, or safety in, on or about the jobsite. CLIENT agrees that the construction Contractor(s) is solely responsible for jobsite safety, and this intent shall be made evident in CLIENT's agreement with the construction Contractor(s).

1.3.3. CLIENT acknowledges that JVA will not be a party to any construction contract and that all authority and responsibility to reject work or stop work is Owners as a party to the construction contracts. JVA shall not be liable for the results of any interpretations or decisions rendered by it in good faith when acting as an interpreter of the Contract Documents.

1.3.4. By approving a Contractor's pay applications or other requests for payment, JVA will not thereby be deemed to have represented that continuous or exhaustive examinations have been made by JVA to check the quality or quantity of the work or to review the associated means, methods, sequences, techniques or procedures of construction or safety precautions or programs. JVA has made no examination to ascertain how or for what purposes any person(s) has used the moneys paid on account, or that title to any of work, materials or equipment has passed to CLIENT free and clear of any lien, claims, security interests or encumbrances. By recommending payments to others, JVA does not imply that others have completed their work in accordance with the Contract Documents.

1.3.5. JVA shall be entitled to rely on information provided by each Contractor. Any services requested of JVA as the result of questions regarding the Contractor's work shall be compensated as an Additional Service.

1.3.6. JVA shall not be responsible for the acts or omissions of any Contractor(s), or subcontractor, or any of the Contractor(s)' or subcontractors' agents or employees or any other persons (except JVA's own employees' and agents' negligent acts or omissions) at the site or otherwise performing any of the Contractor(s)' work.

1.3.7. CLIENT acknowledges that JVA has exercised its professional judgment in preparing instruments of service, and that JVA does not warrant a specific result by virtue of preparing said instruments. The instruments of service are not warranted to be free of error or omission, and situations may arise during the construction of the Project when interpretations or corrections to the instruments of service will be required.

JVA cannot sign any certification, no matter by whom requested, that would result in JVA certifying the existence of conditions whose existence JVA has not verified.

1.4 Delay
The duties and responsibilities of JVA are expressly conditioned upon the expectation that the project will proceed expeditiously. Delay of project completion for reasons beyond JVA's control may result in Additional Services, which shall be compensated as provided in Section 2.

SECTION 2 - ADDITIONAL SERVICES OF JVA

2.1 If authorized by CLIENT, JVA shall furnish or obtain from others Additional Services which are outlined but not included in the Letter Agreement; these will be paid for by CLIENT as provided in Section 5.
2.2 Where maximum or "not-to-exceed" fee amounts are identified in the Letter Agreement, Payments for Additional Services and Reimbursable Expenses associated with the Basic and Additional Services shall not be subject to the maximum payment amounts unless expressly included, but Additional Services may be subject to a separate maximum payment amount, negotiated at the time JVA is directed by CLIENT to provide such Additional Services.

SECTION 3 - CLIENT'S RESPONSIBILITIES

CLIENT shall:

3.1. Designate a person to act as CLIENT's representative with respect to the services to be rendered under this Agreement. Provide all criteria and full information as to CLIENT's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability and any budgetary limitations; all available information pertinent to the Project including previous reports and other data relative to design or construction of the Project; and furnish copies of all design and construction standards which CLIENT will require to be included in the Drawings and Specifications.

3.2. Furnish to JVA, as necessary for performance of JVA's Basic Services, data prepared by or services of others, including without limitation, field control surveys with reference points and base lines, property, boundary, easement, right-of-way, topographic, and utility surveys; geotechnical reports and data, including all borings, laboratory test results, , hydrographic surveys, and all available interpretations of the foregoing; all available data describing existing facilities; zoning, deed and other land use restrictions;. CLIENT shall provide drawings to reasonable scale with data sufficient to allow JVA to understand and analyze the project.

3.3. Provide access to and make provisions for JVA to enter upon public and private property as required for JVA to perform its services.

3.4. Examine all studies, reports, sketches, Drawings, Specifications, proposals and other documents presented by JVA, and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of JVA; Give prompt written notice to JVA whenever CLIENT observes or otherwise becomes aware of any development that affects the scope or timing of JVA's services.

3.5. Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project; Provide all advertisements, notices, postings required by law or customary usage including, but not limited to, those required by regulatory or other governmental bodies, solicitations, invitations or advertisements for bid, offer or proposal, and advertisement

pursuant to project close out, or notification of potential lienholders or claimants; Include in any construction contracts entered into as a part of this project, any and all clauses, terms, conditions or provisions necessary to give this Letter Agreement full force and effect.

SECTION 4 - PERIOD OF SERVICE

4.1. JVA will perform its professional services in a timely manner consistent with customary professional practices. If CLIENT has requested, or the construction process results in, significant modification or changes in the scope of the Project, the time of performance of JVA's services and its various rates of compensation shall be adjusted appropriately.

4.2. If JVA's performance of services is delayed for more than 90 calendar days for reasons beyond JVA's control, JVA shall on written request to CLIENT (but without termination of this Agreement) be paid as provided in paragraph 5.3.2. If such delay or suspension extends for more than one year for reasons beyond JVA's control, or if JVA for any reasons is required to render services more than one year after JVA's proposed date of completion of services, JVA's rates of compensation provided for elsewhere in this Agreement shall be equitably adjusted.

SECTION 5 - PAYMENTS TO JVA

5.1 Methods of Payment for Services and Expenses of JVA

5.1.1. CLIENT shall pay JVA for Basic Services and Additional Services an amount based on the Letter Agreement amounts or JVA's Regular Hourly Rates of the personnel assigned to the Project, plus Reimbursable Expenses at actual cost, times a factor of 1.10. 5.1.2. Cost of Service: Billings will be based on the percentage of services performed, plus Reimbursable Expenses incurred, according to the JVA's current rate schedule, unless noted in the Letter Agreement.

5.2 Times of Payment

5.2.1. JVA shall, prior to the last week of each month, submit monthly invoices for Basic and Additional Services rendered and for Reimbursable Expenses incurred. CLIENT shall make prompt monthly payments in response to JVA's monthly invoices. Payment is due 30 days from the date of the receipt of invoice.

5.3 Other Provisions Concerning Payments

5.3.1. If CLIENT fails to make payments by the due date, the amounts due JVA shall include a late charge at 1.5% per month from said due date; and, in addition, JVA may, after giving seven calendar days' written notice to CLIENT, suspend services under the Letter Agreement until it has been paid in full.

5.3.2. This Agreement may be terminated upon the CLIENT's written notification of termination of his agreement with the Owner, or upon fourteen days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement. If terminated due to the fault of others, JVA shall be paid for services and reimbursable costs incurred.

5.4 Definitions

5.4.1. Regular Hourly Rates includes salaries or wages paid as well as indirect costs and fringe benefits, general overhead, and profit, for all personnel engaged directly on the Project, including, but not limited to, engineers, architects, surveyors, designers, drafters, specification writers, estimators, other technical personnel, stenographers, typists, and clerks and Administrative personnel.

5.4.2. Reimbursable Expenses means the actual expense incurred in connection with the Project for: transportation and subsistence incidental thereto; obtaining bids or proposals from Contractor(s); furnishing and maintaining field office facilities; subsistence and transportation of Resident Project Representative and their assistants; reproduction of reports, Drawings, Specifications; the cost of insurance endorsements procured specifically for the Project, and similar Project-related items in addition to those required under Section 1; and, if authorized in advance by CLIENT,

overtime work requiring higher than regular rates. Reimbursable Expenses shall include the amounts paid by JVA to special consultants employed by JVA for such consultants' services and Reimbursable Expenses and shall also include expenses incurred for appropriate charge for previously established computer programs, computer usage, computer aided drafting machine usage, and expenses of photographic production techniques.

SECTION 6 - OPINIONS OF COST

6.1 Opinions of Probable Cost

6.1.1. JVA has no control over the cost of labor, materials, equipment or services furnished by others, Contractor(s)' methods of determining prices, or market conditions. Any opinions of probable Cost provided by JVA are made on the basis of its experience and represent its judgment as a professional engineer. JVA cannot and does not guarantee that proposals, bids, or actual Project or Construction Costs will not vary from opinions of probable cost.

SECTION 7 - STANDARD CONSIDERATIONS

7.1 Termination

This Agreement may be terminated by either party upon seven days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

7.2 Instruments of Service

All documents, including Reports, Drawings, Specifications, field data, field notes, laboratory test data, calculations, estimating and other similar documents, in any form whatsoever, prepared by JVA, are Instruments of Service, and not products, and remain the intellectual property of JVA. Instruments of Service include reproducible originals, copies, handwritten materials, electronic computer media files of all kinds. They are not intended or represented to be suitable for reuse by CLIENT or others on any other project. JVA grants CLIENT an revocable license to CLIENT to use and reproduce any instruments of service as required for the project, and will provide CLIENT with electronic drawing files in AutoCAD for record purposes. Any reuse of these instruments not for the specific purpose intended, and any errors introduced by CLIENT's reproduction or interpretation of Instruments of Service from one form to another will be at CLIENT's sole risk and without liability or legal exposure to JVA. CLIENT shall indemnify and hold harmless JVA from all claims arising out of or resulting therefrom.

7.3. Controlling Law

This Agreement is to be governed by the law of the State of Colorado, and jurisdiction and venue shall be in the Colorado District Courts.

7.4. Standard of Care

7.4.1. JVA will exercise its professional judgment in performing services under this Agreement. Services performed by JVA will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. CLIENT recognizes that JVA does not warrant a specific result. Reports, Drawings, Project Manual, and other instruments of service are not products and are not warranted to be free of error or omission, and situations may arise requiring interpretations or corrections to the Drawings, Project Manual, and other instruments of service.

7.4.2. CLIENT acknowledges that JVA is a corporation and agrees that any claim made by CLIENT arising out of any act or omission of any director, officer or employee of JVA in the execution or performance of this Agreement, shall be made against JVA, Inc. and not against past or present director, officer or employee thereof.

7.4.3. Design and construction techniques are continually evolving. The codes, and regulations imposed by various government entities relative to design and other issues likewise are subject to change. JVA may select acceptable, effective design approaches that, through no fault of its own, are deemed unacceptable by the time JVA's design or design recommendations are ready for execution. CLIENT agrees to pay JVA's additional reasonable fees and

expenses made necessary by JVA being required to modify Instruments of Service to comply with codes and regulations adopted after the preparation of such Instruments.

7.4.4. CLIENT and JVA recognize that JVA is providing a professional service and that CLIENT's project is a unique undertaking involving many factors which cannot be projected with exactitude. CLIENT and JVA acknowledge that the factors developing or discovered during the contract term and the uniqueness of CLIENT's project may require engineering services which cannot be anticipated at the time of contracting. JVA will advise CLIENT if the need for such services becomes apparent, and CLIENT and JVA shall negotiate an amendment to this Agreement to include said additional services.

7.5. Asbestos or Hazardous Materials

7.5.1. The professional service contracted for hereunder were contracted for with the expectation JVA that no asbestos or hazardous materials, as defined by the U.S. Environmental Protection Agency, will be encountered.

7.5.2. JVA has no expertise in the recognition of asbestos or other hazardous materials and disclaims any responsibility for the discovery, presence, control, removal, remediation, or handling of such materials in connection with the Project.

7.6. Successors and Assigns

7.6.1. Neither CLIENT nor JVA shall assign, sublet or transfer any rights under or interest in this Agreement. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this Agreement shall prevent JVA from employing such independent consultants,
associates and subcontractors as he may deem appropriate to assist it in performing the services hereunder.

7.6.2. Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than CLIENT and JVA.

7.7 Default

7.7.1. In the event JVA incurs attorneys' fees and court costs in the collection of amounts due from CLIENT under this Agreement, shall be liable for JVA's costs of collection.

7.7.2. Neither party shall be liable to the other for any consequential damages in connection with this Agreement or the Project. Consequential damages include, but are not limited to, loss of use, rent, revenue, opportunity, or sales, fines, penalties, and liquidated damages.

7.8 Dispute Resolution

7.8.1. The CLIENT and JVA agree that all disputes arising from or related to JVA's services shall be brought to the attention of the other party within a reasonable time period after the claim is known to the claiming party.
The dispute shall be discussed by management of each party. Should these efforts fail to resolve the dispute, then the parties hereto agree to settle the dispute through mediation. The parties shall mutually agree on mediator selection and shall share the costs of the mediation equally. Mediation shall occur within 60 days of notice of the dispute, unless the parties agree to a different schedule.

7.8.2. **Mandatory Arbitration.** In the event the parties cannot resolve the dispute through mediation, the parties shall engage in binding arbitration pursuant to the Colorado law and the Construction Industry Rules of the American Arbitration Association. Each party shall bear its own costs of arbitration.

7.9 Severability

Any element of this Agreement deemed by a court of competent jurisdiction to be void or unenforceable shall be severable, , and all remaining provisions shall continue in force.

7.11 Titles

The titles used in this Agreement are for general reference only and are not part of the Agreement.

7.12 Survival

All obligations arising prior to the termination of this Agreement and all provisions of this Agreement allocating responsibility or liability between CLIENT and JVA shall survive the completion of the services hereunder and the termination of this Agreement.

7.13 Excluded Services

7.13.1. Services available from JVA are limited to those specified in the Letter Agreement. Other services that are available and applicable to CLIENT's project have been made known and explained to CLIENT.

7.13.2. CLIENT hereby waives any and all claims and demands for damages, costs, losses, and expenses of any nature and extent against JVA and agrees to defend, indemnify and hold JVA harmless from any third-party claim, action or demand for injury or loss allegedly arising from JVA's failure to perform a service CLIENT has not engaged JVA to perform. CLIENT further agrees to compensate JVA for any time spent or expenses incurred by JVA in defense of any such claim, in accordance with JVA's prevailing fee schedule and expense reimbursement policy.

SECTION 8 – INTEGRATION

8.1 Integration

The Letter Agreement and these Standard Conditions (consisting of pages **1 through 5**, inclusive), constitute the entire Agreement between CLIENT and JVA and supersede all prior written or oral understandings. This Agreement may only be amended, supplemented, or modified by written agreement of both parties.

END OF STANDARD CONDITIONS

ORDINANCE NO. 2025-012

AN ORDINANCE TO REPEAL AND REPLACE ORDINANCE NO. 2022-14 FOR THE PURPOSE OF ESTABLISHING UTILITY BILLING PROCEDURES, USAGE FEES, CONNECTION FEES, CONNECTION REQUIREMENTS, AND COLLECTION POLICIES.

BE IT ORDAINED BY THE GOVERNING BODY OF THE TOWN OF ALPINE, WYOMING:

Section I: Title:

This ordinance shall be known and may be cited as the "Utility Procedure Ordinance of the Town of Alpine."

Section II: Ordinances Repealed:

Ordinance No. 2022-14, together with all ordinances or parts of ordinances in conflict with this ordinance, are hereby repealed.

Section III: Effective Date:

This ordinance shall be effective on the date of passage. All procedures specified herein shall begin on the first billing period after passing and approval of this Ordinance.

Section IV: Water Commissioner:

a) Appointment: The Mayor shall designate a Town employee to serve as Water Commissioner. The designated employee must hold a Level 1 certification from the Wyoming Department of Environmental Quality as a water operator. This designation may be modified at any time at the discretion of the Mayor.
b) Authority: The Water Commissioner or other designated employee shall have the authority to investigate applications for water and sewer services. The Water Commissioner shall also have the authority to terminate or temporarily suspend water/sewer services as provided in this article

Section V: Definitions: As used in this ordinance:

a) "Town" means the Town of Alpine, Wyoming.
b) "Customer or consumer" means any individual, firm, corporation, or entity that receives utility services from the Town.
c) "Utility services" means water and/or wastewater services provided by the Town.
d) "Delinquent account" means any utility account not paid in full by the due date specified on the bill.

e) “Curb-box” (also known as a "valve box”) means a vertical cast iron sleeve, accessible from the public right-of-way, housing the shutoff valve (curb-stop) for a property's water service line. The curb-box is typically located between a building and the water main lines and usually consists of a metal tube with a removable or sliding lid, allowing access to the turn-key within.
f) “Curb-Stop” (also known as a "shutoff valve”) means a valve and protective enclosure box placed in a user's water service line for the purpose of turning the water utility service on/off.
g) “Water/Sewer Service” means a water/sewer service (or lateral) utility line connecting the Town's utility main lines (water distribution system and sewer collection system) to a property's premises plumbing. The service or lateral originates at the connection of the main and includes all piping, equipment, and appurtenance installed to deliver the utility to the property, including any portion of that line that lies within Town property, right-of-way, or easements.
h) Equivalent Residential Unit (ERU) Fees are based on a monetary cost ($) per ERU.
i) Equivalent Residential Unit (ERU) means 25-Fixture Units.

Section VI: Water Rates, Fees and Requirements:

a) Water Rates and Fees: Water rates and fees shall be established by the most recent version of the Town of Alpine Utility Rate Ordinance.
b) Connection & Capacity Fees Required:
    i. Water Connection Fee: The Water Connection Fee is a one-time charge assessed by the Town of Alpine to recover the costs associated with providing a new physical connection to the Town’s culinary water system. This fee includes labor to tap the water main, inspection services, review, approval necessary to ensure compliance with Town standards and specifications, the water meter, and labor to install the meter. All new water service connections, including services used solely for the purposes of fire suppression, shall be subject to the payment of the connection fee. This fee must be paid before a permit to connect will be issued.
    ii. Water Connection Fees Outside Municipal Limits: All Town Council approved water connections located outside the municipal limits shall be charged 125% of all rates and fees as adopted in the most recent Utility Rate Ordinance.
    iii. Water Capacity Fee: The Water Capacity Fee is one-time charge imposed on new development to pay for a proportionate share of the cost of new or expanded water system capital facilities required to serve such development. All new water service connections, with the exception of connections installed and used exclusively for fire suppression purposes, shall be subject to payment of the capacity fee. This fee must be paid before a permit to connect is issued.
c) Monthly Usage Fees Required:

i. Base Rate: The water base rate is a fixed monthly fee charged to each water user, regardless of the amount of water used. This fee covers the cost of maintaining the water system infrastructure, administrative expenses, and ensuring the availability of water service. The base rate shall be determined according to the size of the water service connection, with larger service sizes subject to higher base rates to reflect their proportionate impact on system capacity and maintenance requirements.

ii. Water Per Gallon Charge: In addition to the base rate, each water user shall be billed for the actual volume of water consumed during the billing period. Water usage shall be billed in increments of one thousand (1,000) gallons. The per-gallon charge is a variable fee assessed according to the number of 1,000-gallon units consumed, as recorded by the water meter.

iii. Water Rates for Properties Outside Municipal Limits: Both the base rate and the per-gallon water usage charge shall be assessed at one hundred twenty-five percent (125%) of the in-town rates for all users located outside the incorporated municipal boundaries of the Town of Alpine.

iv. Water Service Fees – Meter Replacement: Water service fees shall include charges established to cover the cost of repair and replacement of water meters. These fees ensure the Town of Alpine can maintain accurate metering equipment, recover the cost of meter materials and installation, and provide for the continued operation and reliability of the municipal water system.

v. Readiness to Serve Fee: All vacant lots and all services installed exclusively for the purposes of fire suppression located within the municipal boundaries of the Town of Alpine that are not currently connected to the Town's water system shall be charged a monthly readiness to serve fee. This fee is required to maintain system availability and infrastructure readiness.

vi. Readiness to Serve Fee outside Municipal Limits: All vacant lots and all services installed exclusively for the purposes of fire suppression located outside the municipal boundaries of the Town of Alpine that have water service extended and accessible to their property shall be required to pay the monthly readiness to serve fee, regardless of whether the property is currently connected. The readiness to serve fee for out-of-town properties shall be charged at one hundred twenty-five percent (125%) of the in-town rate.

d) Water Connection Requirements:

i. Mandatory Connection to Town Water System: Connection to the Town of Alpine municipal water system is mandatory for all properties located within the incorporated limits of the Town. The installation or use of private culinary water wells is strictly prohibited within the Town of Alpine.

ii. Application Required: All new water service users, and all existing users requesting a change in their water service or a change of use, shall be required to

submit a completed application to the Town prior to connection or modification of service.

iii. Permit to Connect Required: No connection shall be made to the municipal water system without first obtaining a permit to connect from the Town of Alpine Public Works Department. This permit is required prior to any construction or installation activity involving the Town's water infrastructure.

e) Permit to Connect: Issuance, Duration, and Conditions
   i. Issuance: The Water Commissioner shall issue all permits to connect to the water system.
   ii. Duration and Extension: Upon issuance, the applicant has two (2) years to connect to the town's culinary water system. Before expiration, a written request may be submitted for a one-time, one (1) year extension upon demonstration of good cause by the applicant. A fee shall be charged for the extension.
   iii. Revocation and Forfeiture: If the connection is not installed by the expiration of the extension deadline, all fees paid shall be forfeited and the permit to connect to the culinary water system shall be revoked. There shall be no refunds of Water Connection and Capacity Fees.
   iv. Building Permit: No building permit shall be granted until the permit to connect is issued.

f) Installation Criteria
   i. Owner Responsibility: The property owner shall be responsible for installing the water service line from the main to the point of connection in accordance with the Town of Alpine's most recently adopted Standard Specifications Ordinance. Additionally the installation shall comply with the International Building Code (IBC), Wyoming DEQ standards, and all other applicable standards or requirements. An encroachment permit shall be required for all curb cuts. The property owner shall warranty the Town of Alpine against any right-of-way settling for a period of one (1) year following installation. After installation and approval by the Town, the property owner retains responsibility for the service line from the curb-stop to the private connection and to the water main connection point. Water service lines shall be installed at a sufficient depth and/or insulated to prevent freezing. New service lines shall also be flushed to remove dirt and debris from the line prior to use.
   ii. Town Responsibility: The Town will provide the labor and equipment to tap the water main, the labor to inspect the installation of the water service, and the labor to install the meter. After installation and approval by the Town, the portion of the water service line from the main to the curb-stop becomes the property of the Town and shall be maintained by the Town thereafter. The Town remains responsible for maintenance and repair of the main utility lines and any service portions it owns. The Town reserves the right to access and utilize any valve,

curb-stop, water meter, or device controlling the flow or delivery of water, including but not limited to water meters, seals, sending units, backflow prevention devices, or other equipment regulating or measuring the supply of any utility service. The Town retains ownership of the water meter regardless of location.

iii. Town Oversight and Inspection: The Town of Alpine must be notified of a minimum one (1) full working day in advance of any excavation relating to a connection to the Town's water system (a Town of Alpine encroachment permit may be required). Any person making unauthorized service connections shall pay a fine of no more than seven hundred fifty dollars ($750.00) per incident and at their expense be required to re-expose the entire line and pay for inspection by the Town. The landowner shall be held liable for any damage or additional fees and costs resulting from any failure to comply with this ordinance.

iv. Water Connection Dates: The Town of Alpine prohibits new water connections involving excavations within the Town owned right of way or a prescribed Town utility easement between the dates of November 15 and April 15 unless for emergency purposes or otherwise pre-approved by the water commissioner.

v. Additional Fees: In the event that unusual or unforeseen circumstances result in the Town incurring costs greater than the standard connection fees, the property owner shall be responsible for reimbursing the Town for those additional actual costs. Such charges will be limited to the documented, out-of-pocket expenses directly related to completing the water connection.

g) Individual Meters Required:

i. All water consumed within the Town of Alpine shall be delivered through and measured by a Town-approved water meter.

ii. No person, property, or premises shall connect to or use water from the municipal water system except through such a meter. All businesses and residences shall have their own individual water meter.

iii. Each property shall have at a minimum, one (1) water meter provided by the Town, which shall be installed in accordance with the Town of Alpine Standard Specifications Ordinance.

iv. Additional meters may be installed at the landowner’s expense; however, no additional connection fees shall be required for additional meters connected to the same service line.

h) Cross-Connection and Backflow Prevention Requirements: All properties or premises connected to the Town's public water supply shall install and maintain at the property owner's expense the appropriate backflow assembly.

i. Hazard Classification: Determination of the hazard classification of a water service connection is at the sole discretion of the Water Commissioner.

ii. Installation Standards: All Cross-Connection and Backflow Prevention Devices must be installed by the WYDEQ Design and construction Standards for Public Water Supplies.

iv. Low-Hazard Inspection and Certification: Backflow prevention devices at water service connections shall be inspected and certified by a certified backflow assembly tester at the time of installation.

v. High-Hazard Inspection and Certification: Backflow prevention devices installed at high-hazard nonresidential cross connections shall be inspected and certified after initial installation, annually, and when relocated or repaired by a certified backflow assembly tester. These assemblies shall be serviced, overhauled, or replaced whenever they are found to be defective, and all costs of testing, repair, and maintenance shall be borne by the property owner.

1. Testing Records: All records of testing (installation, relocation, or repair) shall be supplied to the Town prior to initiation of service. All testing and inspection records must be received annually. If testing records are not supplied to the Town annually, the Town may complete the testing, of which the cost of testing plus 30% shall be applied to the owner's utility bill. If access for testing is denied, the consumer shall be subject to the termination of water service.

Section VII: Extension of the Water System:

Upon approval by the Town, Landowners may at their own expense, connect to the water system by extending the main. Such connections shall be subject to meeting all Town and DEQ requirements. Any water main line extension shall require a DEQ "Permit-to-Construct" and the consent of the Town of Alpine, subject to town engineer review.

Section VIII: Irrigation Wells:

a) Permit Required: Any property owner with a previously drilled well may operate that well for irrigation purposes only upon receipt of an Irrigation Well Permit issued by the Water Commissioner.
b) Prohibition on New Wells: No new irrigation wells may be drilled or constructed within the municipal boundaries of the Town of Alpine. This section applies only to previously drilled wells that are permitted in accordance with this ordinance.
c) Application Requirements: An application for an Irrigation Well Permit shall include:
    i. A report prepared by a Wyoming-licensed engineer confirming:
        1. No cross-contamination exists between the irrigation well and any municipal water or sewer lines.

2. Well water does not contain contaminants that could compromise public health.
3. Any other concerns or necessary upgrades to ensure safe irrigation use
4. Any additional information or testing the Town may require prior to permit approval

ii. Fees and Renewal: a. An Irrigation Well Permit shall be subject to a one-time permit fee at the time of issuance.

iii. Irrigation Well Permits shall be renewed annually, subject to payment of the permit renewal fee.

iv. All irrigation well permit fees shall be established and amended through the most recently adopted Utility Rate Ordinance.

d) Operating Requirements: Irrigation wells shall be used for irrigation purposes only and shall not supply domestic or potable water.

i. The owner shall install and maintain signage at the wellhead, sprinkler control box, and at prominent locations where irrigation water is distributed.

1. Signs shall clearly state "NON-POTABLE WATER – DO NOT DRINK" in letters at least two (2) inches in height.
2. Include the universal "Do Not Drink" symbol.
3. Be weather-resistant, maintained in legible condition, and replaced if damaged or faded.

e) Enforcement Authority, Remedies, and Penalties: If the Town determines contaminants are present that could endanger public health, the Town may require immediate suspension of irrigation well use, corrective action, or permanent decommissioning.

i. Town Liability: The issuance of an Irrigation Well Permit does not create, and shall not be construed as creating, any liability or responsibility on the part of the Town of Alpine, its elected officials, employees, or agents for injuries, damages, or losses to persons or property resulting from the operation or use of an irrigation well. Neither inspections conducted by the Town nor the issuance of a permit shall be deemed a guarantee of safety, quality, or fitness of the irrigation well. All risks associated with irrigation well operation rest solely with the property owner.

ii. General Authority: This Section shall be enforced by the Codes Enforcement Officer or Water Commissioner, who are authorized to enter onto private property within the Town at reasonable times to inspect irrigation wells for compliance.

iii. Abatement of Violations: If a violation is found, the Town may issue a written Notice to Abate, specifying the violation and allowing a reasonable time for correction. Failure to comply may result in a Notice of Violation which may issue an Order to Abate requiring corrective actions and setting compliance deadlines.

iv. Civil Remedies: The Town may pursue any civil remedy available under Wyoming law, including injunctions, to enforce compliance.

v. Penalties: Each day that a violation continues shall constitute a separate offense. Violations are punishable by a fine not to exceed seven hundred fifty dollars ($750.00) per offense.

vi. Cumulative Remedies: The enforcement mechanisms and penalties provided in this Section are cumulative and in addition to any other remedies available by law.

Section IX: Sewer Rates, Fees, and Requirements

a) Sewer Rates and Fees: Water rates and fees shall be established by the most recent version of the Town of Alpine Utility Rate Ordinance.

b) Connection & Capacity Fees Required:

i. Sewer Connection Fee: The Sewer Connection Fee is a one-time charge assessed by the Town of Alpine to recover the costs associated with providing a new physical connection to the Town's sewer system. This fee includes inspection services, review, and approval necessary to ensure compliance with Town standards and specifications.

ii. Establishment of Fee: The sewer connection fee shall be established in accordance with the most recent International Building Code Water Supply Fixture Unit Values for various Plumbing Fixtures and Fixture Groups. All properties will be assessed as a minimum of one (1) ERU. ERUs above one (1) will be rounded up/down per the closest ½ number.

iii. Sewer Connection Fees Outside Municipal Limits: All sewer connections located outside the municipal limits shall be charged 150% of all rates and fees as adopted in the most recent Utility Rate Ordinance.

iv. Sewer/Wastewater Capacity Fee: The Sewer Capacity Fee is a one-time charge imposed on new development to pay for a proportionate share of the cost of new or expanded wastewater system capital facilities required to serve such development.

c) Monthly Usage Fees Required:

i. Base Rate: The sewer base rate is a fixed monthly fee charged to each sewer user, regardless of the amount of water used. This fee covers the cost of maintaining the sewer system infrastructure, administrative expenses, and ensuring the availability of sewer service.

ii. Sewer Per Gallon Charge: The sewer per gallon charge is a variable fee based on the actual volume of water used. This charge is assessed in addition to the base rate and is calculated based on the number of gallons consumed by the user during the billing period.

1. Deductive Irrigation Meter: At the owner's expense they are allowed to install a deductive irrigation water meter. Irrigation water usage will be deducted from the domestic water meter usage for the sewer per gallon charge. Sewer deduction water meters

will be installed under the same requirements of the municipal water systems.

iii. Sewer Rates for Properties Outside Municipal Limits: Both the base rate and the per-gallon sewer usage charge shall be assessed at one hundred fifty percent (150%) of the in-town rates for all users located outside the incorporated municipal boundaries of the Town of Alpine.

iv. Readiness-to-Serve Fees: Monthly readiness to serve fees shall be charged to properties in Phase I and Phase II of the Town of Alpine Sanitary Sewer Expansion Project.

d) Sewer Connection Requirements:

i. Mandatory Connection to Town Sewer System: All existing and new structures with reasonable access to the Town of Alpine's sewer collection system shall be required to connect. The issuance of permits for permanent septic tanks or leach fields is strictly prohibited for any property with reasonable access to the existing sewer infrastructure.

ii. Application Required: All new sewer service users, and all existing users requesting a change in their water service, shall be required to submit a completed application to the Town prior to connection or modification of service.

iii. Permit to Connect Required: No connection shall be made to the municipal sewer system without first obtaining a permit to connect from the Town of Alpine Public Works Department. This permit is required prior to any construction or installation activity involving the Town's sewer infrastructure.

e) Permit to Connect: Issuance, Duration, and Conditions.

i. Issuance: The Water Commissioner shall issue all permits to connect to the sewer system.

ii. Duration and Extension: Upon issuance, the applicant has two (2) years to connect to the town's sewer system. Before expiration, a written request may be submitted for a one-time, one (1) year extension upon demonstration of good cause by the applicant. A fee shall be charged for the extension.

iii. Revocation and Forfeiture: If the connection is not installed by the expiration of the extension deadline, all fees paid shall be forfeited and the permit to connect to the sewer system shall be revoked. There shall be no refunds of Sewer Connection Fees or Capacity Fees.

iv. Building Permit: No building permit shall be granted until the permit to connect is issued.

1. Lots without Reasonable Access to the Existing Sewer Collection System: Landowners with properties located within the Alpine municipal limits that do not have reasonable access to the Town of Alpine sewer system (determined by the Town in accordance with the Master Sewer Ordinance), shall be required to obtain an on-site

wastewater permit for new construction in accordance with Wyoming DEQ requirements. Documentation of an approved permit shall be provided before issuance of a building permit by the Town.

f) Installation Criteria:
   i. Owner Responsibility: The property owner shall install, own, and maintain the sewer lateral and all service line components extending from the sewer main to the building connection. The connection to the main shall be completed by the property owner. All work must comply with the International Building Code (IBC), the Wyoming DEQ standards, the most recently adopted Town of Alpine Standards and Specifications Ordinance, or any other applicable codes. Service lines must be placed at sufficient depth and/or insulated to prevent freezing. The Water Commissioner or his disignee shall inspect and approve all connections and installations. The property owner shall warranty the Town of Alpine against any right-of-way settling for a period of one (1) year following installation.
   ii. Town Responsibility: The Town is responsible only for the maintenance and repair of the sewer mains.
   iii. Town Oversight and Inspection: The Town of Alpine must be notified of a minimum one (1) full working day in advance of any excavation relating to a connection to the Town's sewer system (a Town of Alpine encroachment permit may be required). Any person making unauthorized service connections shall pay a fine of no more than seven hundred fifty dollars ($750.00) per incident and at their expense be required to re-expose the entire line and pay for inspection by the Town. The landowner shall be held liable for any damage or additional fees and costs resulting from any failure to comply with this ordinance.
   iv. Sewer Connection Dates: The Town of Alpine prohibits new connections involving excavations within the Town owned right of way or a prescribed Town utility easement between the dates of November 15 and April 15 unless for emergency purposes or otherwise pre-approved by the Public Works Director.
   v. Additional Fees**:** If unusual or unforeseen circumstances cause the Town to incur costs greater than the standard sewer connection fees, the property owner shall be responsible for reimbursing the Town for those additional actual costs. Such charges shall be limited to the documented, out-of-pocket expenses directly related to completing the sewer connection.

g) Backflow Prevention Requirements: If a user has any drain or other plumbing fixture located less than twenty-four (24) inches above the elevation of the rim of the next upstream manhole, the user shall install, at the user’s expense, a backflow prevention device approved by the Town. The device shall be installed in an accessible location on the service line serving the fixture. The landowner is responsible for the proper operation, inspection, and maintenance of the backflow prevention device.

Section X: Extension of the Sewer System

Upon approval by the Town, Landowners may at their own expense, connect to the sewer collection system by extending the sewer service line or collection line. Such connections shall be subject to meeting all Town and DEQ requirements. Any sewer service line serving more than one building shall require a DEQ "Permit-to-Construct" and the consent of the Town of Alpine, subject to town engineer review.

Section XI: Additional Sewer Regulations

a) Abandonment of Existing Septic Tanks: Any lot owner with an existing structure that has reasonable access to the Town collection system, who has a septic system/leach field that fails to operate properly or becomes an environmental or public health concern, as determined by the Town of Alpine, shall be required to abandon that septic system/leach field and connect to the collection system within sixty (60) days following notification from the Town. If the notification of failure occurs after September 15, the connection shall be made by June 15 of the following year.
b) Properties Requiring Pump Stations: Special provisions shall apply to properties that are within reasonable access of the Town of Alpine's collection system and have a demonstrated need (to the satisfaction of the Town Engineer) for a pump station. These properties shall pay the same connection fees and capacity fees specified in the most recently adopted Town of Alpine Utility Rate Ordinance. In addition, the pump station and discharge line shall be required to meet additional specifications. The pump station shall be purchased and installed at the property owner's expense.
c) Prohibited discharges: In accordance with the Master Sewer Ordinance, no person, association, firm or business, including, but not limited to, septic tank pumping services, firms or organizations, shall discharge or cause to be discharged any of the following described water or wastes to the Town's sewer system:
    i. Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid, solid or gas
    ii. Any waters containing toxic or poisonous solids, liquids or gases in sufficient quantities, either singularly or by interaction with other wastes, to contaminate the sludge of the public sanitary sewer, to injure or interfere with any sewage treatment process, to constitute a hazard to humans or animals, to create a public nuisance, or to create any hazard in the receiving waters of the wastewater treatment facility.
    iii. Any waters or wastes having a pH lower than 5.5, above 8.5 or having any other acidic/corrosive property capable of causing damage or hazard to structures, equipment and personnel of the wastewater works.
    iv. Solid or viscous substances in quantities or of such size capable of plugging or causing obstruction to the flow in sewers or of causing other interference with the

proper operation of the wastewater facilities such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, manure, hair, entrails, paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders

v. Paint, oil, wax, epoxy, grease or similar substance.

vi. Sludge and other matter pumped from septic tanks or other sewage disposal systems.

vii. Unpolluted waters such as stormwater, surface water, groundwater, roof runoff, subsurface drainage, or cooling water.

viii. Any other substance which would unreasonably tend to plug or cause obstruction to the Town's sewer system.

d) Change of Property Use – Sewer Evaluation Required: If the use of a property is changed, whether or not a building permit is required or obtained, the property owner shall submit an application to the Town of Alpine for review. As part of this review, the sewer service and capacity demands associated with the property shall be evaluated by the Town to determine compliance with all applicable requirements. Any necessary upgrades, modifications, or fees resulting from the change in use shall be the responsibility of the property owner.

e) Previous Connection Fee Agreements / Amortization: All contracts, agreements and extensions to the original agreements on connection fees in Phase I and Phase II of the Town of Alpine Sanitary Sewer Expansion Project shall terminate according to the terms of the Agreements. Any reference to “amortization” or reference to financing in the agreements is hereby stricken. Said references shall be termed as lease agreements and lease payments. Any outstanding amounts due under these agreements are hereby declared “residual amounts”. Upon sale of the real property for which the sewer connection has been leased under the agreements, any outstanding residual amounts shall be paid immediately.

f) Master Sewer Ordinance: The Master Sewer Ordinance establishes additional requirements, penalties, definitions, and prohibitions governing the Town of Alpine Sewer System and Treatment Plant. These provisions apply to all new and existing sewer service connections and to all use of the Town sewer system. In the event of a conflict between this ordinance and the Master Sewer Ordinance, the most recently adopted and more restrictive provision shall prevail.

Section XII: Other Fees and Charges

a) Bulk Water: Where sufficient water is available for municipal uses, the Town may provide bulk water sales.

i. Bulk Water Permits and Metering Requirements: Bulk Water taken from fire hydrants or by other dedicated bulk water dispensing systems will be approved by special permit issued by the Water Commissioner who shall, at their discretion,

issue a water meter to each such permittee. A meter or meters, together with such backflow prevention assemblies as the Water Commissioner may determine necessary, must be connected to each fire hydrant/dispenser and must meter all water flowing therefrom pursuant to such special permit. The approval of the application to purchase bulk water may be withdrawn at any time with or without cause.

ii. Bulk Water Fees and Rates: Bulk water permit fee and usage rates; see currently Utility Rate Ordinance.

iii. Return of Equipment and Penalties: The permittee shall return all necessary equipment issued under such special permit to the Town of Alpine at the completion of the permit or as requested by the Town of Alpine. Any permittee that fails to return such equipment, or returns such equipment in a damaged state, is guilty of a misdemeanor and, upon conviction, is subject to a fine not to exceed $750 as well as any restitution to the Town for replacement of such equipment.

iv. Exemption for Fire Department Operations: Nothing in this section shall be deemed in any manner to prohibit, hinder, or require a permit of the Fire Department carrying out its firefighting duties.

b) Authorization for Acceptance of Septage: The Town of Alpine may, at its sole discretion, authorize the acceptance of septage or other hauled wastewater at the Town's wastewater treatment facilities. Authorization shall be granted only as determined necessary and appropriate by the Town, and the Town reserves the right to deny acceptance at any time.

i. Disposal Fee Rates: When septage is accepted, the Town shall assess a disposal fee in accordance with the rates established by the most recently adopted Town of Alpine Utility Rate Ordinance.

Section XIII: Utility Billing and Collection Policy

a) Responsibility for payment: The Town provides water and sewer services to properties and premises within the Town's service area. Responsibility for payment of connection fees, service fees, and special assessments applicable to the provision of those services shall rest, in each instance, with the owner of the property or premises, as recorded on the deed of trust, to which said service is provided. All such connection and capacity fees, service fees, and special assessments shall be billed to the property or premises owner. Where billing is sent to someone other than the owner (ie: Renter), the fact that such owner shall not have been directly advised of amounts owed shall not relieve said owner of the responsibility to pay such amounts when due.

b) Utility Billing and Collection: Billing shall be in accordance with the rates set forth in the most recently adopted Town of Alpine Utility Rate Ordinance and shall be subject to the penalties below.

c) Meter Reading: The Town shall read all water meters one time per month.

i. If the Town is unable to obtain a water meter reading, the customer's bill shall be calculated based on the average water usage for that service. An adjustment shall be made once an actual meter reading is obtained.

d) Billing Policy: Except as provided otherwise, the owner of the property or premises shall reimburse the Town in arrears for any and all water and sewer services on a monthly basis. The billing due date shall be considered to be the 25th day of the month regardless of the actual mailing date of the bill. Fees for water and sewer service or special services shall be set by Utility Rate Ordinance. Any payment not received by the 25th day of the month during which the bill was sent to the customer shall incur a late fee set by Utility Rate Ordinance. All late fees shall be considered part of the payment for such service for the purposes of Section XIII (i) which allows termination of service when payment is past due for 60 days from the billing date.

e) Late Policy: Any payment not received by the 25th shall be deemed late and subject to a late fee as set by Utility Rate Ordinance. All late fees shall be considered part of the service charges for purposes of Section XIII (i) which authorizes termination of service when an account remains unpaid for sixty (60) days past the due date.

f) Ready-to-Serve Fee: Once a property is connected to Town water and/or sewer and a billing account has been established, monthly readiness-to-serve charges shall apply, regardless of usage.

g) Corrections: Corrections in billing activities shall be made retroactively for not more than three (3) billing cycles in the billing period immediately following validation of the error, unless it is determined that the property owner and/or renter tampered with the meter or related appurtenances, in which case full back-billing may be imposed.

h) Delinquent Accounts: When water or sewer service charges remain unpaid for sixty (60) days past the due date, the account shall be deemed delinquent. The Town may file a lien against the property or premises served in the amount of the delinquency. Any lien filed may be foreclosed in accordance with law. In any foreclosure or civil action brought to recover delinquent amounts, the Town shall be entitled to recover the outstanding balance together with all costs of collection, including reasonable attorney's fees.

i) Discontinuance of Service:

i. Termination of service authorized: The Town has the right to disconnect and refuse to connect or reconnect any water or other utility service for any of the following reasons:

1. Failure to meet applicable provisions of law;
2. Violation of rules and regulations pertaining to utility services;
3. Nonpayment of water or sewer bills when payments for such services remain past due for 60 days from the due date;
4. Willful or negligent waste of services due to improper or imperfect pipes, fixtures, appliances or appurtenances or due to any other reason;

5. Tampering with or failing to have in place or maintain any water meter, seal, sending unit, backflow prevention device or other equipment controlling, regulating or measuring the supply of any utility service up to and including freezing;
6. Theft, diversion or use of utility services without payment;
7. Failure to allow access to any water meter or related sending unit upon reasonable request; or
8. Vacancy of premises.

ii. Notice of termination required: Where any of the reasons set out in Section **XIII** (i) exist, water services provided by the Town may be terminated. Ten (10) days prior to such termination a pretermination notice shall be sent or delivered to the owner or other party designated for receipt of statements of account for that property or premises. Such pretermination notice shall indicate that services will not be restored until the account has been paid in full together with an additional fee set by the most currently adopted Utility Rate Ordinance to cover the cost of terminating and restoring the service. The Town shall not be held responsible for any damages, physical or otherwise, resulting in the termination of water and/or sewer service.

iii. Winter Months: From December 1 through April 1, the Town of Alpine shall not disconnect water service to a residence for delinquent payment of water or sewer fees. Commercial properties, however, may be disconnected for delinquency at any time during the year. The Town shall not be liable for any damage or loss resulting from disconnection.

j) Voluntary Disconnection and Reconnection of Water Service: At the request of the property owner, the Town will shut off water service at the curb stop. A single shut-off/reconnect fee, as set forth in the current Utility Rate Ordinance, shall apply regardless of the length of disconnection. The property owner shall remain responsible for paying the base monthly water rate during the disconnection period, as well as all base rates and per-gallon charges accrued prior to the shutoff date. In addition to the shut-off/reconnect fee, the property owner shall be responsible for any actual labor, equipment, and material costs incurred by the Town in restoring service. Voluntary disconnects are provided solely at the property owner's request (e.g., system repairs, inspections, or extended vacancy) and do not apply to disconnections for nonpayment.

i. Liability Disclaimer: The Town of Alpine shall not be liable for any loss, injury, or impact resulting from voluntary disconnection of water service.

k) Transfer of Service: When a property with existing water or sewer service is sold or otherwise transferred, the new property owner (transferee) shall complete a service transfer application, provide a copy of the recorded deed or other transfer instrument, and pay the applicable transfer fee as established in the most recently adopted Town of Alpine

Utility Rate Ordinance. All outstanding charges must be paid in full prior to transfer of service. The Town of Alpine shall not prorate base rate fees.

l) Returned Check Fee: A service fee shall be charged for all returned checks and shall be established in the most recently adopted Town of Alpine Administrative Fees Resolution
m) Renter Policy: The Town of Alpine shall, at the written request of the property owner and consent of the renter, change the billing name and mailing address into a renter's name for billing purposes. The Town of Alpine shall assess a Renter Fee as established by the most recently adopted Town of Alpine Utility Rate Ordinance. However, the property owner remains liable for payment. The property owner shall be notified when an account becomes delinquent, in accordance with the billing policy, Section XIII.
n) Liens for Unpaid Charges: All fees, charges, penalties, and costs established under this ordinance, including but not limited to water and sewer service charges, base rates, usage charges, late fees, disconnection or reconnection fees, transfer fees, and any costs of collection, shall constitute a debt due to the Town of Alpine. Any such unpaid amounts shall become a lien upon the property or premises served.
    i. The Town may file a lien statement against the property or premises in the amount of the delinquency. Any lien filed may be foreclosed or otherwise enforced as provided by law. In any foreclosure or civil action brought to recover unpaid amounts, the Town shall be entitled to recover the delinquent balance together with all costs of collection, including reasonable attorney's fees.

Section XIV: Special Provisions

a) Authority to Adjust Fees: The amount, type, and method of any fee adjustment shall be determined solely by the Town Clerk. If the property owner does not agree with the determination of the Clerk, they may petition Town Council.
b) Water rationing: If, at any time for any reason, a scarcity of water occurs, the Mayor may impose such restrictions upon water consumption as it deems necessary to conserve the water supply of the Town. Such restrictions shall include but not be limited to water rationing or other conservation measures.
c) Usage Fees Paid by the Town of Alpine: The Town of Alpine shall pay the same usage rate for water and sewer as other users within the municipal limits as identified under the most recently adopted Town of Alpine Utility Rate Ordinance including all public buildings and open space.
d) Unauthorized connections\, uses, or tampering: No person, association, firm or business shall make any unauthorized connection or adjust, turn on/off, terminate or otherwise tamper with the Town's water and sewer system.
    i. Water utility:
        1. Unauthorized activities: Unauthorized activities include, but are not limited to: adjusting, turning on/off, terminating, or otherwise tampering with any fire hydrant, valve, curb stop, device

controlling the flow or delivery of water from the Town's waterlines, water meter, or sending unit without the Town's permission. Any person, firm, corporation, or other organization engaging in such activity is guilty of a misdemeanor and, upon conviction, shall be punished in accordance with Section XV**,** shall be responsible for all related costs of repair, and may be subject to termination of service under Section XIII (i). Nothing in this section shall limit the ability of a property owner to operate their own curb stop.

2. Tampering with Meters and Plumbing: No person, association, firm, or business shall tamper with any water meter or related sending unit installed by the Town, nor shall any person refuse access to a meter or related sending unit by authorized Town personnel. Meters and sending units shall remain accessible for service during reasonable hours.
3. Prohibited Plumbing Alterations and Meter Bypass: It shall also be a violation of this ordinance for any person to alter, modify, or install plumbing in a manner that allows water usage to bypass the meter or prevents accurate registration of consumption.
4. Meter Tampering, Fees, and Penalties: If the Town determines any meter or plumbing has been tampered with, or if access is denied, the billing rate for any month for which no reading is obtained shall include a Meter Tampering Fee. A property owner may appeal such billing adjustment to the Town Clerkin writing within ten (10) days of notice; failure to do so shall bar the appeal. Repeated tampering, meter bypassing, or continued denial of access may result in termination of water service under Section XIII (i). Any such conduct constitutes a misdemeanor, punishable in accordance with Section XV, together with liability for all related costs of repair.
5. Water Theft: It is unlawful for any person, association, firm, or business to take or use water from the Town of Alpine without authorization. Theft of water includes, but is not limited to, unauthorized connections, bypassing meters, or any other act resulting in unmeasured water use. Such theft shall result in the imposition of a civil penalty of seven hundred fifty dollars ($750.00) for each day the violation occurs, in addition to any applicable misdemeanor penalties, repair costs, or termination of service.

ii. Sewer utility.

1. Unauthorized Access to Sewer System: Unauthorized activities include but are not limited to accessing, adjusting, or otherwise tampering with any manholes or cleanouts or other structures associated with the sewer collection system.
2. Violation of Discharge Limits: It shall be a violation of the Town of Alpine Master Sewer Ordinance for any person or property owner to discharge wastewater in excess of the limits established by the ordinance, the Town of Alpine Standards and Specifications, or any applicable state or federal regulations.
3. Penalties and Enforcement: Any person, association, firm or business found guilty of violating this section is guilty of a misdemeanor and, upon conviction, may result in the imposition of a civil penalty of seven hundred fifty dollars ($750.00) for each day the violation occurs, in addition to any applicable misdemeanor penalties, repair costs, or termination of service.

iii. Frozen services, laterals, and appurtenances: The property owner shall be responsible for performance of and payment for the work necessary to thaw all frozen water and sewer service laterals between the private connection and point of connection with the main. The Town shall be responsible for thawing all main lines.

iv. Damage from Freezing: Any water meter that is damaged due to freezing shall be repaired or replaced at the expense of the Town of Alpine, unless it is determined that the damage resulted from tampering or other improper action by the property owner, in which case all costs shall be the responsibility of the property owner.

v. Repairs Within Town Rights-of-Way and Easements: Any repairs within the Town right-of-way and easements shall comply in all respects with Town of Alpine Standards and Specifications, Construction Standards, and Building and Fire Codes.

e) Defective Service Laterals, Curb Stops, Water Valves, or Cleanouts: Upon notification or discovery of any damaged, leaking, or defective service lateral, curb stop, water valve, or cleanout, responsibility for repairs shall be as follows:

i. Property Owner Responsibility – If the leak or defect is located on the property owner’s side of the curb stop valve (between the curb stop valve and the building served), the Town of Alpine shall notify the property owner. The property owner shall be required to repair the leak at their own expense.

ii. Town Responsibility – If the leak or defect is located between the curb stop valve and the main line, the Town of Alpine shall perform the repair at the Town’s expense.

iii. All repairs within the Town right-of-way and easements shall comply with the Town of Alpine's Standards and Specifications, Construction Standards, and Building and Fire Codes.

f) Testing of water meters: The Town of Alpine shall test a water meter upon request of a customer. If the meter is determined to be accurate, the customer shall be charged a testing fee at the rate established in the Utility Rate Ordinance. If the meter is determined to be faulty and recording incorrect readings, the testing fee shall be waived, the faulty meter shall be replaced by the Town at no cost to the customer, and the customer's bill for the prior usage period shall be adjusted to reflect the minimum base rate only.

g) Cost of Town-Supplied Parts and Materials: If a property owner, contractor, or other party requires parts, fittings, or supplies from the Town of Alpine in connection with a water or sewer connection and/or repair, the Town may furnish such items directly. The purchaser shall be charged the Town's acquisition cost of the part or supply plus thirty percent (30%) to cover administrative, handling, and overhead expenses. Payment in full shall be required prior to release of the items.

Section XV: Violations and penalties:

a) Any person, firm, corporation, or other entity who violates any provision of this ordinance, or who fails to comply with any lawful order or requirement of the Town of Alpine made pursuant to this ordinance, shall be guilty of a misdemeanor. Upon conviction, such person shall be subject to a fine not to exceed seven hundred fifty dollars ($750.00) for each day that the violation continues, together with court costs and reasonable attorney's fees.

b) In addition to or in lieu of criminal prosecution, the Town of Alpine may enforce the provisions of this ordinance through civil action, including but not limited to the filing of liens against the property served, the recovery of damages, or the termination of utility services. Each day a violation continues shall constitute a separate and distinct offense.

Section XVI: Severability: If any section, subsection, sentence, clause, phrase or portion of this ordinance is for any reason held invalid or unenforceable by any court of competent jurisdiction, such portion shall be deemed a separate distinct and independent provision and such holding shall not affect the validity of the remaining portions of the ordinance.

Passed First Reading on the 4th day of November 2025.

VOTE: ___YES, ___ NO, ___ ABSTAIN, ___ ABSENT

Passed Second Reading on the 18th day of November 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed on Third and Final Reading 2nd day of December 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

TOWN OF ALPINE

_____
Eric Green, Mayor of Alpine

ATTEST:

_____
Monica L. Chenault, Clerk / Treasurer

ATTESTATION OF THE TOWN CLERK

STATE OF WYOMING)
COUNTY OF LINCOLN)
TOWN OF ALPINE)

I hereby certify that the forgoing Ordinance No. 2025-012 shall be duly posted for ten (10) days in the Town Office.

I further certify that the foregoing Ordinance will be posted on the Town website in final form, upon its passing and approved by the Town Council as soon as is practicable.

I further certify that the forgoing Ordinance will be duly recorded in the BOOK OF ORDINANCES, TOWN OF ALPINE, LINCOLN COUNTY, WYOMING.

ATTEST:

_____
Monica L. Chenault, Clerk / Treasurer

ORDINANCE NO. 2025-014

AN ORDINANCE OF THE TOWN OF ALPINE, WYOMING ESTABLISHING WATER AND WASTEWATER CAPACITY FEES FOR DEVELOPMENT WITHIN THE INCORPORATED BOUNDARIES OF THE TOWN OF ALPINE

BE IT ORDAINED BY THE GOVERNING BODY OF THE TOWN OF ALPINE, WYOMING:

Section I: **Title**. The Ordinance shall be known as the Water and Wastewater Capacity Fee Ordinance of the Town of Alpine, WY of Lincoln County.

Section II: Purpose and Intent. The purpose of this ordinance is to establish policies and regulations governing the implementation of water and wastewater capacity fees for areas served by the Town of Alpine.

Section III: Authority. This Ordinance is adopted pursuant to the general powers granted to municipalities under Wyoming Statutes §15-1-101 et. Seq.

Section IIII: **Definitions**. As used in this ordinance:

(a) Capacity Fee: Means a one-time charge imposed on new development to pay for a proportionate share of the cost of new or expanded water or wastewater system capital facilities required to serve such development.

(b) Capital Facilities: Means major facilities within the water and wastewater systems which provide benefit to all customers such as wells, water treatment plants, treated storage, wastewater treatment plants, major lift stations, major water transmission mains and wastewater collection mains.

(c) Level of Service (LOS): Means a measure of the relationship between the service capacity and the service demand. The standard of water or wastewater system performance and capacity set by the Town to provide service.

(d) New Development: Means construction, change of use, expansion, or other activity that creates new demand for water or wastewater service on a defined parcel of land.

(e) Equivalent Residential Unit (ERU): Means a standard unit of measure which represents the average water demand or the average non-consumptive flow reaching the wastewater treatment plant. Fractional ERUs may be used to define demand and flow requirements for specific features of new development (e.g.

1st Reading

number of bedrooms, number of bathrooms, hose bibs, restaurant seating capacities, etc.)

(f) Service Area: Means the municipal boundaries of the Town of Alpine and any area served by the Town of Alpine's capital facilities.

(g) Industry Accepted Methodologies for Capacity Fees: Means Approaches used by municipal and utility professionals for the purpose of calculating capacity fees and are supported by the leading water and wastewater organizations such as the American Water Works Association and the Water Environment Federation, among others.

(h) Water Meter: Means a device part of a service connection to a dwelling or building used solely for the purpose of measuring water use.

(i) Meter Capacity: Means The maximum allowed safe operating capacity of a water meter- measured in gallons per minute.

(j) Meter Capacity Ratios. Means a numerical value assigned to each meter representing the relative capacity of that meter to a ¾" meter. Used as a method to calculate capacity fees by meter size.

Section V: Applicability.

(a) Applicability to New Development: This ordinance applies to all new development within the service are that meets any of the following requirements:

i. Construction of new building,
ii. Expansion of an existing building or dwelling requiring new water or wastewater service,
iii. Change in land use that increases water demands or wastewater demands.

(b) Exemptions: The following are exempt from water and wastewater capacity fees:

i. Replacement of a building or dwelling with no change in water or wastewater demands,
ii. Remodel or repair not requiring increases in water or wastewater demands.

1st Reading

Section VI: Appeals.

(a) Appeals: Applicant may appeal the calculation or application by filing an appeal with the Town within a specified time frame stated by the Town or contained in the Wyoming Administrative Procedures act if the Town has not adopted an office appeal process, W.S. §16-3-101 et. seq.

Section VII: Payment. Payment of capacity fees are due upon issuance of building permit.

Section VIII: Capacity Fee Schedule.

(a) Water Capacity Fee Schedule:

Water Capacity Fee			
Meter Size inches	**Max Allowable Capacity, gpm**	**Meter Ratio**	**Calculated Fee**
¾”	30	1.00	See Utility Rate Ordinance
1”	50	1.67	See Utility Rate Ordinance
1 ½”	100	3.33	See Utility Rate Ordinance
2”	160	5.33	See Utility Rate Ordinance
3”	320	10.67	See Utility Rate Ordinance
4”	500	16.67	See Utility Rate Ordinance
6”	1000	33.33	See Utility Rate Ordinance
8”	1600	53.33	See Utility Rate Ordinance
Meter sizes greater than 8” assessed on an individual basis			

(b) Wastewater Capacity Fee: Per ERU. See Utility Rate Ordinance.

Section IX: Effective Date:

This Ordinance shall take effect and be in force upon passage, approval, and publication as required by law and shall apply to all development applications submitted on or after that date.

1st Reading

Passed First Reading on the 4th day of November 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed Second Reading on the 18th day of November 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed on Third and Final Reading 2nd day of December 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

TOWN OF ALPINE

_____
Eric Green, Mayor of Alpine

ATTEST:

_____
Monica L. Chenault, Clerk / Treasurer

ATTESTATION OF THE TOWN CLERK

STATE OF WYOMING)
COUNTY OF LINCOLN)
TOWN OF ALPINE)

I hereby certify that the forgoing Ordinance No. 2025-014 shall be duly posted for ten (10) days in the Town Office.

I further certify that the foregoing Ordinance will be posted on the Town website in final form, upon its passing and approved by the Town Council as soon as is practicable.

I further certify that the forgoing Ordinance will be duly recorded in the BOOK OF ORDINANCES, TOWN OF ALPINE, LINCOLN COUNTY, WYOMING.

ATTEST:

_____

Monica L. Chenault, Clerk / Treasurer

1st Reading

ORDINANCE NO. 2025-013

AN ORDINANCE ESTABLISHING UTILITY RATES, FEES, AND CHARGES FOR WATER AND SEWER SERVICES WITHIN THE TOWN OF ALPINE, WYOMING; PROVIDING DEFINITIONS; ADOPTING A UTILITY RATE SCHEDULE; AND REPEALING ALL PRIOR RATE ORDINANCES IN CONFLICT HEREWITH.

BE IT ORDAINED BY THE GOVERNING BODY OF THE TOWN OF ALPINE, WYOMING:

Section I. Title

This ordinance shall be known and may be cited as the **"Town of Alpine Utility Rate Ordinance."**

Section II. Ordinances Repealed

All previous ordinances or resolutions setting water and sewer rates, fees, and charges inconsistent with this ordinance are hereby repealed.

Section III. Effective Date

This ordinance shall be effective on the date of passage. All billing for rates specified herein shall begin on the first billing period after passage and approval of this Ordinance.

Section IV. Definitions

For purposes of this ordinance, the following definitions apply:

(a) **"Base Rate"** – Means the fixed monthly fee charged to each active water or sewer account to cover system infrastructure, administration, and availability of service, regardless of actual usage.

(b) **"Per Gallon Charge"** – Means the volumetric fee billed to each water/sewer customer, based on actual metered consumption in gallons.

(c) **"Readiness-to-Serve Fee"** – Means a monthly fee charged to properties or vacant lots that are connected to, or have service availability from, the Town system but are not actively consuming.

(d) **"Connection Fee"** – Means a one-time fee assessed for the labor, inspection, and materials required to establish a new service connection.

(e) **"Capacity Fee"** – Means a one-time fee to recover proportional costs of system capacity required to serve a new or expanded connection, based on Equivalent Residential Units (ERUs).

1st Reading

(f) **"Equivalent Residential Unit (ERU)"** – Means a standardized measure of demand, equal to 25 fixture units under the International Building Code.

(g) **"Fixture Unit"** – Means a standardized measure of water demand assigned to specific plumbing fixtures or groups of fixtures as set forth in the most recent International Building Code.

(h) **"Bulk Water Rate"** – Means the charge for water dispensed directly through fire hydrants or approved bulk fill stations by permit.

(i) **"Renter Fee"** – Means a monthly charge assessed when billing responsibility is transferred from the property owner to a renter.

(j) **"Outside Municipal Limits Rate"** – Means any customer receiving service outside the Town boundaries shall be billed at a percentage above the in-Town rate as provided in the Utility Rate Schedule.

Section V. Utility Rate Schedule:

Adoption of Rate Schedule: All utility rates, fees, and charges shall be set forth in the **Town of Alpine Utility Rate Schedule**, which is hereby adopted below:

WATER RATE SCHEDULE:

MONTHLY WATER METER BASE RATE

Meter Size	Residential	Commercial	Industrial	Out of Town Res.	Out of Town Com.	Out of Town Ind.
3/4"	$38.75	$38.75	$38.75	$48.44	$48.44	$48.44
1"	$64.71	$64.71	$64.71	$80.89	$80.89	$80.89
1.5"	$129.04	$129.04	$129.04	$161.30	$161.30	$161.30
2"	$206.54	$206.54	$206.54	$258.17	$258.17	$258.17
3"	$413.46	$413.46	$413.46	$516.83	$516.83	$516.83
4"	$645.96	$645.96	$645.96	$807.45	$807.45	$807.45
6"	$1,291.54	$1,291.54	$1,291.54	$1,614.42	$1,614.42	$1,614.42
8"	$2,066.54	$2,066.54	$2,066.54	$2,583.17	$2,583.17	$2,583.17

1st Reading

MONTHLY READY TO SERVE FEE

In Town	$31
Out of Town	$38.75

MONTHLY WATER USAGE

$$ per 1,000 gallons	**Residential**	**Commercial**	**Industrial**	**Out of Town Res.**	**Out of Town Com.**	**Out of Town Ind.**
	$2.50	$3.75	$3.75	$3.13	$4.69	$4.69

MONTHLY FIRE SUPPRESSION READINESS-TO-SERVE

Size	**Residential**	**Commercial**	**Industrial**	**Out of Town Res.**	**Out of Town Com.**	**Out of Town Ind.**
3/4"	$38.75	$38.75	$38.75	$48.44	$48.44	$48.44
1"	$64.71	$64.71	$64.71	$80.89	$80.89	$80.89
1.5"	$129.04	$129.04	$129.04	$161.30	$161.30	$161.30
2"	$206.54	$206.54	$206.54	$258.17	$258.17	$258.17
3"	$413.46	$413.46	$413.46	$516.83	$516.83	$516.83
4"	$645.96	$645.96	$645.96	$807.45	$807.45	$807.45
6"	$1,291.54	$1,291.54	$1,291.54	$1,614.42	$1,614.42	$1,614.42
8"	$2,066.54	$2,066.54	$2,066.54	$2,583.17	$2,583.17	$2,583.17

WATER CONNECTIONS

Size	**Residential**	**Commercial**	**Industrial**	**Out of Town Res.**	**Out of Town Com.**	**Out of Town Ind.**
3/4"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
1"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
1.5"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
2"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00

1st Reading

3"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
4"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
6"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00
8"	$1,500.00	$1,500.00	$1,500.00	$1,875.00	$1,875.00	$1,875.00

WATER CAPACITY FEES

Meter Size	Residential	Commercial	Industrial
3/4"	$7,925.00	$7,925.00	$7,925.00
1"	$13,235.00	$13,235.00	$13,235.00
1.5"	$26,390.00	$26,390.00	$26,390.00
2"	$42,240.00	$42,240.00	$42,240.00
3"	$84,560.00	$84,560.00	$84,560.00
4"	$132,110.00	$132,110.00	$132,110.00
6"	$264,140.00	$264,140.00	$264,140.00
8"	$422,640.00	$422,640.00	$422,640.00

SEWER RATE SCHEDULE:

MONTHLY SEWER BASE RATE

Meter Size	Residential	Commercial	Industrial	Out of Town Res.	Out of Town Com.	Out of Town Ind.
3/4"	$67.50	$67.50	$67.50	$101.25	$101.25	$101.25
1"	$112.50	$112.50	$112.50	$168.75	$168.75	$168.75
1.5"	$225.00	$225.00	$225.00	$337.50	$337.50	$337.50
2"	$360.00	$360.00	$360.00	$540.00	$540.00	$540.00
3"	$720.00	$720.00	$720.00	$1,080.00	$1,080.00	$1,080.00

4"	$1,125.00	$1,125.00	$1,125.00	$1,687.50	$1,687.50	$1,687.50
6"	$2,250.00	$2,250.00	$2,250.00	$3,375.00	$3,375.00	$3,375.00
8"	$3,600.00	$3,600.00	$3,600.00	$5,400.00	$5,400.00	$5,400.00

MONTHLY SEWER USAGE (FROM WATER USAGE)

	Residential	Commercial	Industrial
$$ per 1,000 gallons	$0.00	$0.00	$0.00

SEWER CONNECTION FEE

	Residential	Commercial	Industrial
PER ERU	$1,000.00	$1,000.00	TBD

MISC. FEES SCHEDULE:

Fee Type	Unit	In-Town Rate	Out-of-Town Rate
Renter Fee	per occurrence	$50.00	N/A
Returned Check Fee	per occurrence	$50.00	$50.00
Connection License Extension Fee	per occurrence	$100.00	$100.00
Late Fees	per occurrence	10% of bill	10% of bill
Transfer of Service	per occurrence	$300.00	$300.00
Prohibited Discharge Fee	per occurrence	$750.00	$750.00

If the Town of Alpine supplies any parts, fittings, or supplies in connection with a water or sewer connection and/or repair the purchaser shall be charged cost plus 30%.

(a) Authority to Amend

i. The Town Council may update or amend by ordinance.

ii. The Council may also adopt administrative resolutions to adjust specific rates (e.g., bulk water, renter fees, readiness-to-serve) so long as the adjustments are consistent with the framework of this ordinance.

Section VI. Water Rates and Fees

Water-related charges, including but not limited to **base rates, usage charges, readiness-to-serve fees, connection fees, meter replacement fees, and out-of-town multipliers** shall be as set forth in Exhibit A.

Section VII. Sewer Rates and Fees

Sewer-related charges, including but not limited to **base rates, usage charges, readiness-to-serve fees, connection fees, capacity fees, ERU-based fees, and out-of-town multipliers** shall be as set forth in Exhibit A.

Section VIII. Other Utility Fees

Other charges, including but not limited to **bulk water rates, renter fees, returned check fees, voluntary shutoff/reconnection fees, meter tampering fees, and other administrative charges** shall be as set forth in Exhibit A.

Section IX. Collection, Liens, and Enforcement

(a) All bills are due by the **25th of each month.**

(b) Late payment, lien, and enforcement provisions remain as previously established in Town of Alpine Billing Procedure Ordinance and shall apply to all rates adopted under this Ordinance.

(c) Accounts delinquent 60 days or more may be shut off and are subject to lien on the property served.

(d) The Town shall recover attorney's fees and costs for collection actions.

Section X. Severability

If any portion of this ordinance is held invalid, the remaining provisions shall remain in full force and effect.

Section XI. Adoption

This ordinance passed and approved on the following dates:

1st Reading

Passed First Reading on the 4th day of November 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed Second Reading on the 18th day of November 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

Passed on Third and Final Reading 2nd day of December 2025.

VOTE: ___YES, ____ NO, ____ ABSTAIN, ____ ABSENT

TOWN OF ALPINE

_____
Eric Green, Mayor of Alpine

ATTEST:

_____
Monica L. Chenault, Clerk / Treasurer

ATTESTATION OF THE TOWN CLERK

STATE OF WYOMING)
COUNTY OF LINCOLN)
TOWN OF ALPINE)

I hereby certify that the forgoing Ordinance No. 2025-013 shall be duly posted for ten (10) days in the Town Office.

I further certify that the foregoing Ordinance will be posted on the Town website in final form, upon its passing and approved by the Town Council as soon as is practicable.

I further certify that the forgoing Ordinance will be duly recorded in the BOOK OF ORDINANCES, TOWN OF ALPINE, LINCOLN COUNTY, WYOMING.

ATTEST:

_____
Monica L. Chenault, Clerk / Treasurer

1st Reading

TOWN OF ALPINE

MEMORANDUM

DATE: 11/3/2025

SUBJECT: Explanation of Water and Sewer Rate Adjustments – 2025 Utility Rate Ordinance

Purpose

This memorandum provides an overview of the adjustments to the Town of Alpine's water and sewer utility rates for single-family residential customers as adopted under the 2025 Utility Rate Ordinance. These rate changes ensure the Town's utility systems remain financially sustainable and capable of meeting operational, regulatory, and long-term infrastructure needs.

Rate Comparison

Category	Current Rate (Before Ordinance)	New Rate (Effective 1/1/2026)	Change ($)	Change (%)
Water Base Rate (per month)	$31.00	$38.75	+$7.75	+25.0%
Water Usage (per 1,000 gallons)	$2.00	$2.50	+$0.50	+25.0%
Water Meter Replacement Fee (per month)	N/A	$2.00	+$2.00	—
Sewer Flat Rate (per ERU, per month)	$54.00	$67.50	+$13.50	+25.0%

Explanation of Changes

The updated rate structure reflects the Town's continued commitment to maintaining safe and reliable utility services while ensuring financial responsibility.

The 25% increase in the base and usage water rates offsets rising costs in system operations, electricity, testing, maintenance, and capital improvement projects.

A new $2.00 monthly Water Meter Replacement Fee has been added to establish a dedicated fund for future meter replacements. The Town of Alpine recently invested 1.2 million in installing new meters in the water system. Residential meters have an average useful life of 20 years, and this fee helps the Town plan proactively for systematic replacement without creating sudden rate impacts.

The sewer flat rate, charged per Equivalent Residential Unit (ERU), has also increased by 25% to fund necessary improvements and cover increased costs associated with wastewater treatment and maintenance.

Cost Analysis Example: ¾" Single-Family Residence Using 10,000 Gallons per Month

Description	Old Rate	New Rate	Difference ($)	Difference (%)
Water Base Rate	$31.00	$38.75	+$7.75	+25.0%
Water Usage (10 × $2.00 / $2.50)	$20.00	$25.00	+$5.00	+25.0%
Water Meter Fee	$0.00	$2.00	+$2.00	New
Sewer Flat Rate (per ERU)	$54.00	$67.50	+$13.50	+25.0%
Total Monthly Bill	**$105.00**	**$133.25**	**+$28.25**	**+26.9%**

Summary

For an average single-family household (with a ¾" service line) using 10,000 gallons of water per month, the total combined monthly water and sewer bill will increase by approximately $28.25, or about 26.9%.

For additional information about the new rates, please contact Town Hall at (307) 654-7757 or visit www.townofalpinewy.com.