

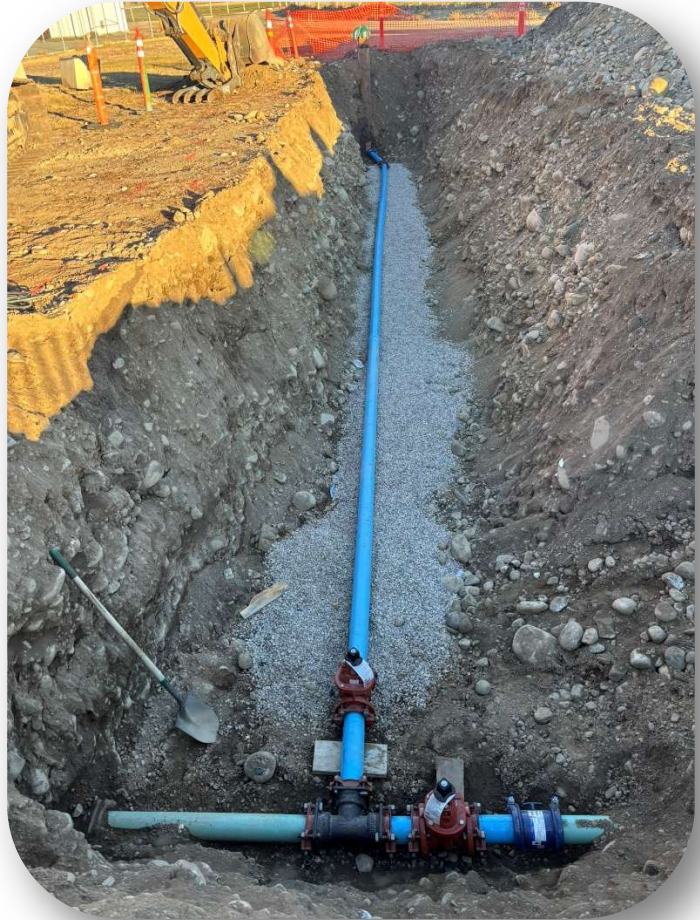
# ARPA GRANT CLOSEOUT REPORT

**Sheridan Water System Infrastructure Improvements Project**  
**Grant No: AM-22-0173 & AM-22-0109**

**Grantee: Town of Sheridan**  
**Authorized Representative:**  
Brandy John Tudor, Mayor  
103 E Hamilton, Sheridan, MT 59749  
406-842-5431

**Primary Contact:**  
Brandy John Tudor, Mayor  
103 E Hamilton, Sheridan, MT 59749  
406-842-5431  
[sheridanmtmayor@gmail.com](mailto:sheridanmtmayor@gmail.com)

**Project Engineer Contact:**  
Scott Dunkelberger, P.E.  
WWC Engineering  
1275 Maple Street, Suite F  
Helena, MT 59601  
406-443-3962  
[sdunkelberger@wwcengineering.com](mailto:sdunkelberger@wwcengineering.com)



**Total Project Cost: \$495,361.26**  
**\*\*Total Grant Amounts:\*\* \$250,051.00**

*Copies of this report may be obtained by request from the Town of Sheridan. Please address inquiries to the Primary Contact listed above.*

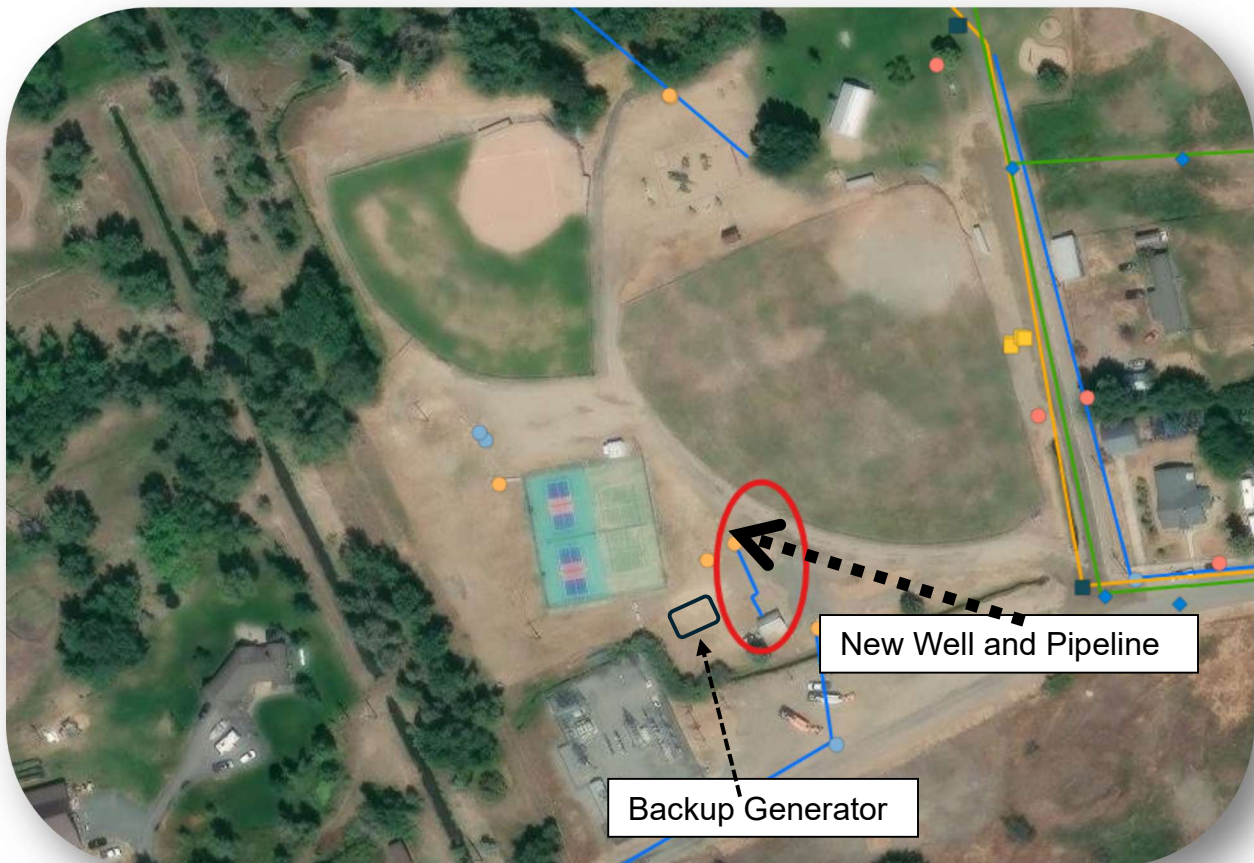
## 1 Introduction

### 1.1 History

The Town of Sheridan water system was originally constructed in 1915, with various upgrades made over the last century. In 2021, an updated Capital Improvements Plan (CIP) identified a critical lack of water redundancy: if the town's largest supply well failed, the remaining capacity would be insufficient for domestic and fire protection needs.

### 1.2 Location

The project is located within the Town of Sheridan, Madison County, Montana. Primary construction activities, including the drilling of the new redundant well (Well #7) and the installation of a backup generator were centered at the **Town Ballfield Park**.



### 1.3 Purpose

The project's purpose was to bring the water system into conformance with **Montana Department of Environmental Quality (MDEQ)** design standards. By constructing a redundant well and installing backup power, the town aimed to ensure reliable water security, quantity, and quality for its residents.

## 2 Discussion and Results

### 2.1 Project Goals and Completion

The following table describes the completion of tasks identified in the Scope of Work:

<b>Task</b>	<b>Completion</b>
<b>1. Administrative Management</b>	City staff and council performed meetings, grant administration, financial accounting, and ARPA reporting requirements.
<b>2. Engineering</b>	Preliminary engineering, final design, permitting, and MDEQ review.
<b>3. Water Supply (Well #7)</b>	Successfully drilled a 10" diameter well with a 14" sanitary grout seal; installed pump, controls, and connection to the manifold building.
<b>4. Backup Power</b>	Procured and installed a 100 kilowatt three-phase generator at the town's well house and purchased a portable generator for power emergencies at storage tank.
<b>5. Capacity Analysis</b>	Developed a hydraulic model and an updated operations and maintenance (O&M) manual.
<b>6. Meter Reading Equipment and Software Upgrade</b>	Procured a new radio signal meter reading tablet and upgraded software.
<b>7. SCADA System Upgrade</b>	Updated SCADA system to include emergency radio alert system and remote monitoring.

#### **Specific Construction activities included:**

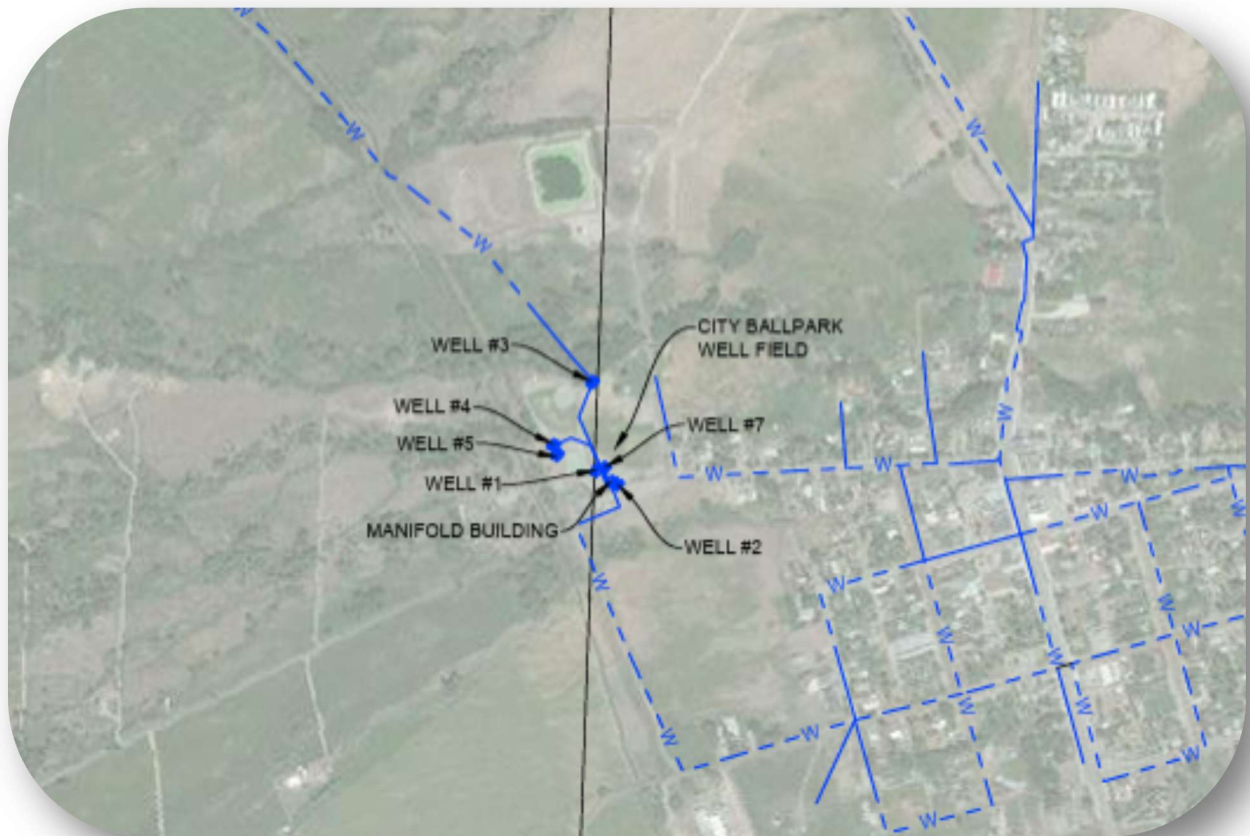
- Excavation to expose well and main pipeline install site**
- Installation of 500 ft deep 10-inch-wide steel cased well**
- Installation of 70 ft of 4" C900 Pipeline**
- Installation of 2 Main Valves**
- Bed lining of 12 yards of washed gravel**
- Poured roughly 5.5 yards of concrete for generator pad**

## 2.2 Objective and Achievement

The objectives were achieved through the successful construction of Well #7 and the integration of resilient power systems. The project eliminated the risk of "insufficient capacity" during peak demand or mechanical failure and modernized the town's water meter software and rights assessment.

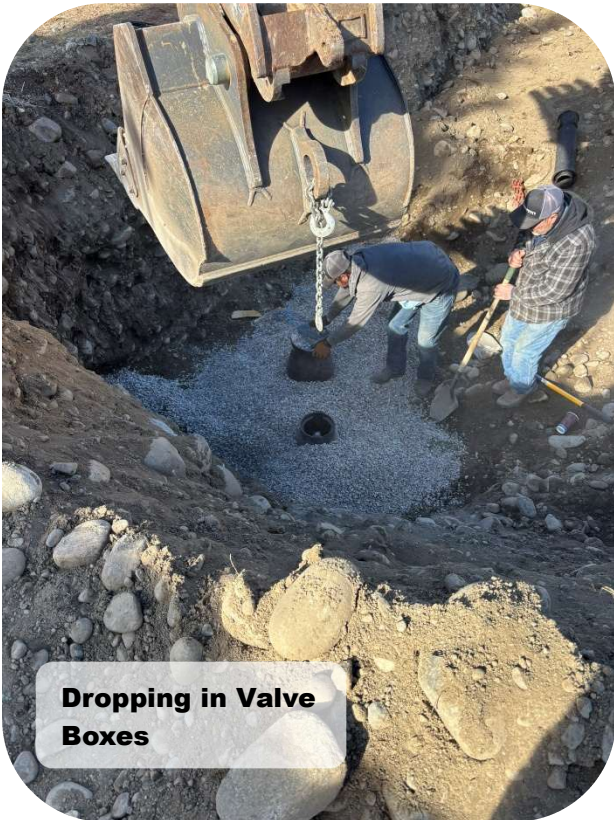
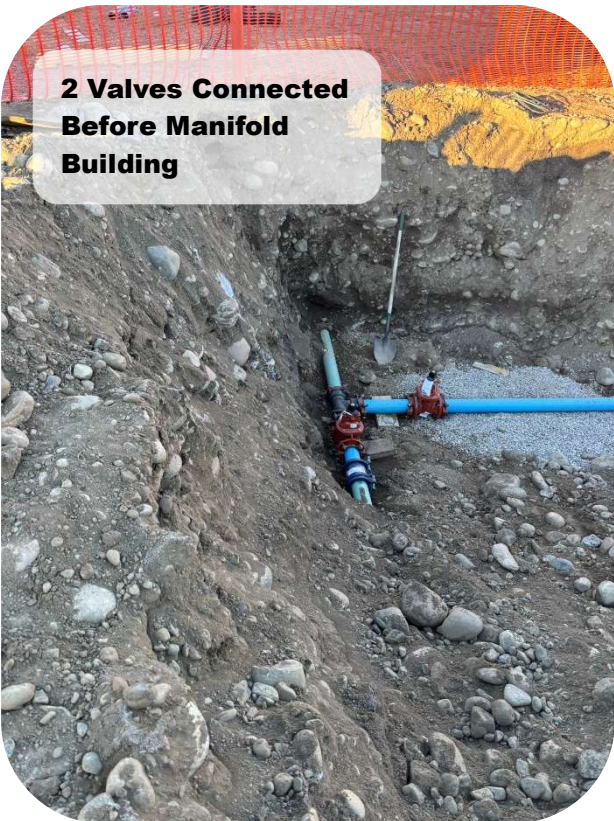
## 2.3 Project Map, Data, and Photos

### 2.3.1 Map



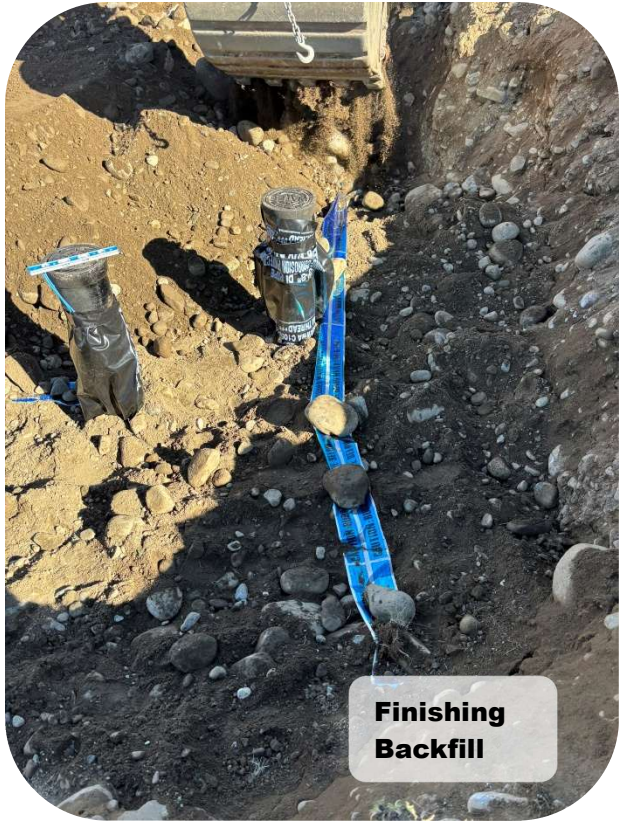
*Centered at Sheridan's Ball Bark As referenced in 1.2*

2.3.2 Construction Photos





**Beginning Backfill**



**Finishing Backfill**



**100KW Backup Generator & Propane Tank**



**Trimble Yuma 7 Rugged Meter Reading Tablet**

# Operations & Maintenance Plan

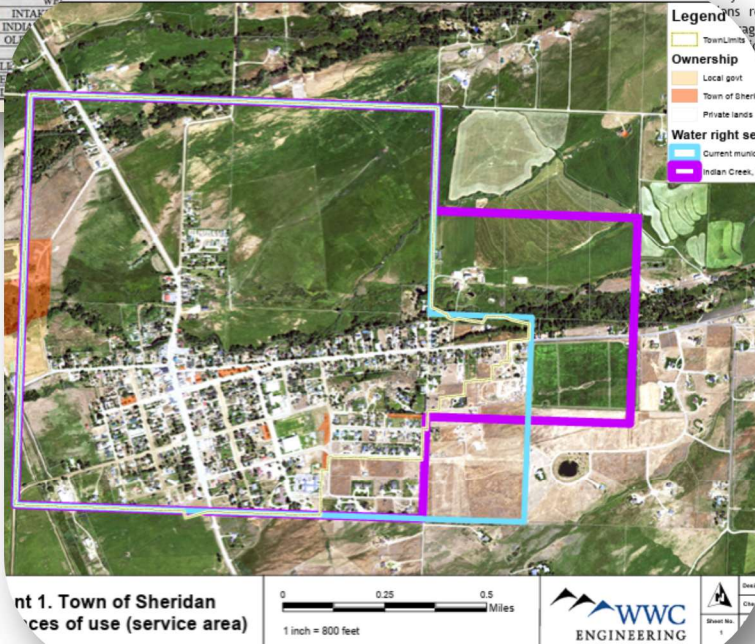
**WATER SYSTEM OPERATIONS AND MAINTENANCE PLAN**  
**TOWN OF SHERIDAN, MT**  
PREPARED 04/14/2023, Edited 08/07/2023  
REVISION 0

This operations and maintenance plan outlines the basic activities needed to maintain the Town of Sheridan public water system and ensure that the system meets Montana and Federal drinking water standards. This plan describes the daily, weekly, monthly, and yearly tasks that enable another qualified operator to assume the operation of the system in an emergency. The plan also describes non-routine analytical results, responses to complaints, emergency operation, system monitoring, and other duties. The operator is needed whenever changes occur.

## System Overview

The Town of Sheridan operates a community public water system comprised of three active, one proposed, and three inactive. Other sources of water claimed by the Town include surface water that have not been used since the early 1990s when groundwater replaced the former surface water system because of high groundwater table below lists the three active (A) wells. All other wells are not abandoned, and inactive. A proposed redundant well is planned for 2023 and will address water supply needs if one of the existing wells fails.

Sources of Water	
Name	Type
WELL 1 EAST OF TENNIS COURT GWIC 107951	Active
WELL 2 DOWN BY TENNIS COURT	Inactive
WELL 3	Inactive
WELL 4	Inactive
WELL 5	Inactive
WELL 6	Inactive
WELL 7	Proposed
WELL 8	Inactive
WELL 9	Inactive
WELL 10	Inactive
WELL 11	Inactive
WELL 12	Inactive
WELL 13	Inactive
WELL 14	Inactive
WELL 15	Inactive
WELL 16	Inactive
WELL 17	Inactive
WELL 18	Inactive
WELL 19	Inactive
WELL 20	Inactive
WELL 21	Inactive
WELL 22	Inactive
WELL 23	Inactive
WELL 24	Inactive
WELL 25	Inactive
WELL 26	Inactive
WELL 27	Inactive
WELL 28	Inactive
WELL 29	Inactive
WELL 30	Inactive
WELL 31	Inactive
WELL 32	Inactive
WELL 33	Inactive
WELL 34	Inactive
WELL 35	Inactive
WELL 36	Inactive
WELL 37	Inactive
WELL 38	Inactive
WELL 39	Inactive
WELL 40	Inactive
WELL 41	Inactive
WELL 42	Inactive
WELL 43	Inactive
WELL 44	Inactive
WELL 45	Inactive
WELL 46	Inactive
WELL 47	Inactive
WELL 48	Inactive
WELL 49	Inactive
WELL 50	Inactive



## Hydraulic Model

### Memo

**WWC ENGINEERING**  
1275 MAPLE STREET SUITE F, HELENA, MT 59601 | 406.443.3962

TO: Town of Sheridan  
FROM: Peter Haun, P.E.  
DATE: 08/04/2023  
SUBJECT: Town of Sheridan Water System Hydraulic Model - Technical Memorandum

## Introduction

The Town of Sheridan is located in Madison County in the Ruby Valley, approximately 56 miles southeast of Butte on Highway 287. Figure 1 depicts an area map showing the vicinity of the Town. The Town owns and operates a water supply system that provides domestic public water and fire protection for the community. The system consists of three operating groundwater wells (Six groundwater wells in total), an on-grade 300,000-gallon steel storage tank, a transmission main, distribution mains, service lines, and water meters.

The Town of Sheridan developed a capacity analysis in 2022 to evaluate the capacity of the existing system and quantify additional capacity for future growth. Based on the results of the analysis, the system currently meets the demands for source water. However, the system requires the total developed capacity must equal or exceed the demand. This deficiency is planned to be addressed by the Town. The Town is currently in the process of evaluating the system capacity in relation to localized flow and pressure.

A GEMS® hydraulic model of the system pressures, fire flow requirements, and modeling of the water system capabilities were capable of identifying locations unable to meet demand in dead-end sections of the system beyond the maximum report.

## Water Rights Assessment

### 2.4 Problems Encountered and Solutions

Summarize any problems encountered and solutions adopted. What would you have done differently?

The only issue encountered was a pivot in pipeline direction from the new well (7). To avoid disturbing the ground and existing connection from an inactive well (2), the pipeline was elbowed and connected to a tee closer to the manifold building. It is difficult to imagine how the project would have been performed any differently as the condition of the connection and surrounding earth was unknown.

**Were all project tasks completed, if not why?**

All project tasks were completed as outlined in the scope of work

**Describe an out-of-scope work:** There was no out-of-scope work performed.

**3 Natural Resource and Public Benefits**

The project provides significant public health and safety benefits by ensuring a continuous, reliable water supply for domestic use and fire suppression. Realized benefits include improved water security, optimized system performance, and a reduction in emergency maintenance risks.

**4 Grant Agreement Administration and Project Costs**

**4.1 Work Schedule**

The project was completed according to the following timeline:

- **Design Complete:** September 2023
- **Construction Final Completion:** May 2025

**4.2 Budget & Matching Funds**

The project utilized a combination of two ARPA Minimum Allocation Grants, two Local Fiscal Recovery Funds (LFRF), and Town Enterprise Funds. There were no project overruns.

<small>SUBRECIPIENT: Town of Sheridan</small> <small>PROJECT TITLE: Redundant Well (AM-22-0173) and Water System Improvements (AM-22-0109)</small>						
ADMINISTRATION	Water Enterprise Funds	Town of Sheridan LFRF	Town of Sheridan MAG (AM-22-0173)	Madison County LFRF	Madison County MAG (AM-22-0109)	TOTAL
Grant Admin						\$ -
Audit Fees						\$ -
<b>TOTAL ADMINISTRATION</b>	\$ -	\$ -	\$ -			\$ -
<b>CONSTRUCTION RELATED ACTIVITIES</b>						
Preliminary Engineering Design	\$ 14,629.00			\$ 56,178.00	\$ 26,628.20	\$ 97,435.20
Final Engineering Design	\$ 4,304.50				\$ 23,232.00	\$ 27,536.50
Construction Inspection Eng.	\$ 14,784.51					\$ 14,784.51
Construction - Redundant Well	\$ 13,500.50		\$ 145,051.00	\$ 25,000.00	\$ 20,550.06	\$ 204,101.56
Construction - Water System		\$ 174,348.01		\$ 23,822.00	\$ 30,000.00	\$ 228,170.01
Contingency					\$ 4,589.74	\$ 4,589.74
<b>TOTAL ACTIVITY</b>	\$ 47,218.51	\$ 174,348.01	\$ 145,051.00	\$ 105,000.00	\$ 105,000.00	\$ 576,617.52
<b>TOTAL PROJECT BUDGET</b>	\$ 47,218.51	\$ 174,348.01	\$ 145,051.00	\$ 105,000.00	\$ 105,000.00	\$ 576,617.52
<b>SUMMARY OF MATCHING FUNDS</b>						
<b>FUNDING SOURCE</b>	<b>AMOUNT</b>					
Water Enterprise Funds	\$ 47,218.51					
Town of Sheridan LFRF	\$ 174,348.01					
Town of Sheridan MAG (AM-22-0173)	\$ 145,051.00					
Madison County LFRF	\$ 105,000.00					
Madison County MAG (AM-22-0109)	\$ 105,000.00					
<b>TOTAL</b>	\$ 576,617.52					

REVISED

<b>Funding Source</b>	<b>Amount Expended</b>
<b>ARPA Town of Sheridan MAG (AM-22-0173)</b>	\$145,051.00 (As Original)
<b>ARPA Madison County MAG (AM-22-0109)</b>	\$105,000.00 (As Original)
<b>Town of Sheridan LFRF</b>	\$102,793.91 (Orig. \$174,348.01)
<b>Madison County LFRF</b>	\$105,000.00 (As Original)
<b>Town Water Enterprise Funds</b>	\$37,516.35 (Orig. \$47,218.51)
<b>TOTAL PROJECT COST</b>	<b>\$495,361.26</b>

**5 Project Completion and Certifications**

- **Subrecipient’s Certificate of Compliance:** Attached in Appendix A.
- **Engineer’s Statement of Final Completion:** Attached in Appendix A.
- **As-Built Drawings:** Attached in Appendix B.
- **Final Budget Spreadsheet:** Attached in Appendix C.

# **APPENDIX A**

STATEMENT OF COMPLETION

Subrecipient: Town of Sheridan  
Project Name: Town of Sheridan 2022 Redundant Well Water Supply Project  
Grant Number: AM-22-0173  
Grant Amount: \$145,051.00

I, Scott Dunkelberger, (Project Engineer) a Registered Professional Engineer in the State of Montana, license number 48764PE, do hereby state that the above-named project was completed according to the approved plans and specifications. I further state that the record ("as-built") drawings for this project are a true and accurate representation of the completed construction.

Scott Dunkelberger Name 48764PE P.E. Number

Signature Date

WWC Engineering  
Name of Firm

1275 Maple St Suite F  
Address of Firm

Helena, MT 59601  
City, State Zip of Firm

Please consult the DNRC Liaison to verify if this form is required for your project.

This form is available on the DNRC website:  
<http://dnrc.mt.gov/divisions/cadd/docs/resource-development/final-report-certificates.pdf>

**CERTIFICATE OF COMPLIANCE**

Subrecipient: Town of Sheridan  
Project Name: Sheridan Redundant Well Water Supply  
Grant Number: AM-22-0173  
Grant Amount: \$145,051.00

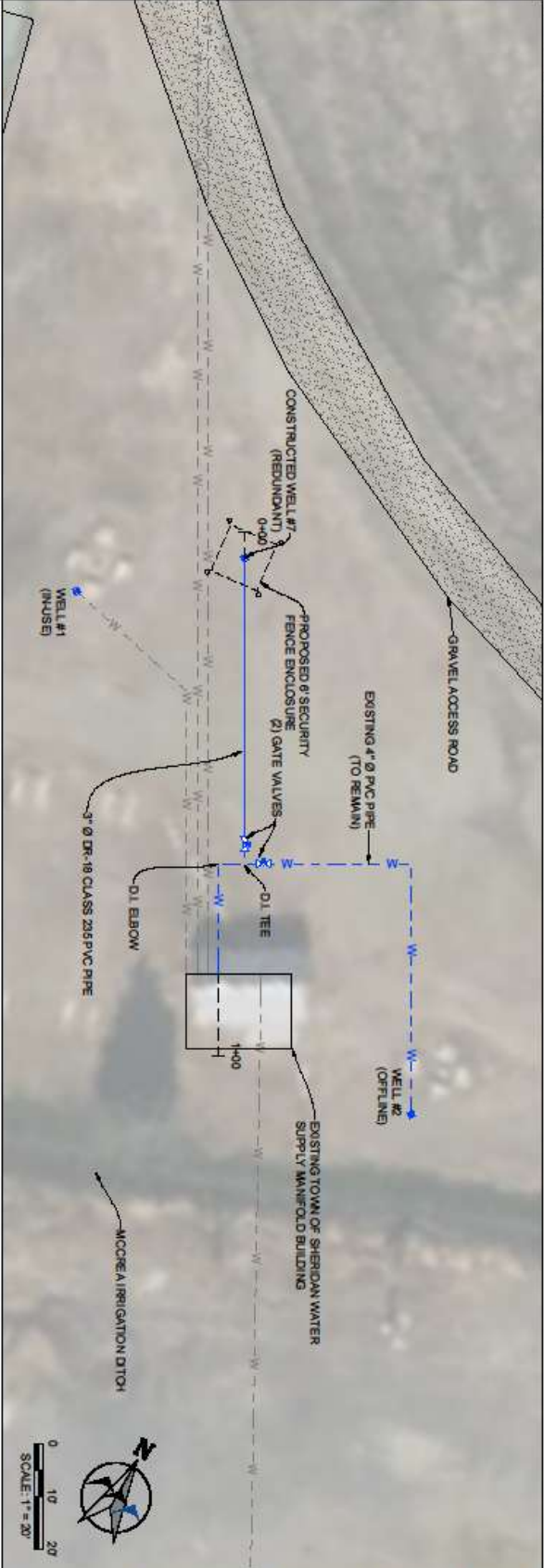
I, the undersigned, being duly qualified, respectfully, of the Town of Sheridan (Subrecipient Name), in Madison County, State of Montana, do hereby certify that the above-named project is in full compliance with all of the covenants and conditions set forth in the Agreement identified above between the Town of Sheridan (Subrecipient Name) and the State of Montana, Department of Natural Resources and Conservation. I understand that any money remaining after the final payment will be returned to the appropriate accounts at DNRC.

Brandy Tucker  
Authorized Subrecipient Signature

03-27-20  
Date

This form is available on the DNRC website:  
<http://dnrc.mt.gov/divisions/cadd/docs/resource-development/final-report-certificates.pdf>

## **APPENDIX B**



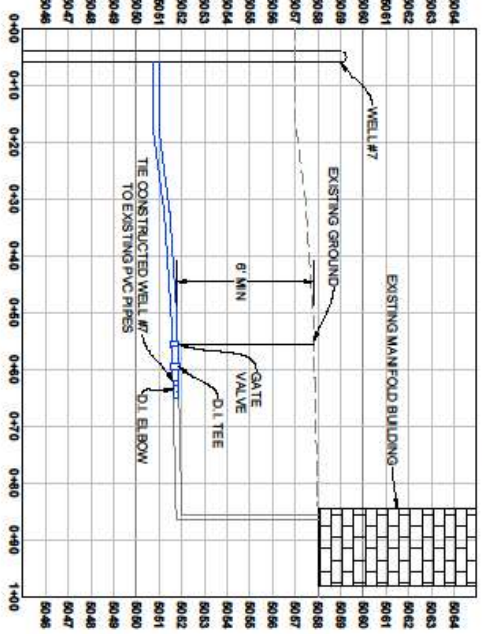
- DESIGN NOTES**
1. ALL WATER PIPING BURIED OR EXPOSED IS MARKED WITH THE COLOR BLUE. BURIED PIPE TO BE LOCATED WITH "WATER" DETECTABLE WARNING TAPE.
  2. ALL BURIED FITTINGS, VALVES, AND APPURTENANCES ARE STAINLESS STEEL, OR EPOXY COATED, ENCASED IN POLYETHYLENE WRAP, AND HAVE CATHODIC PROTECTION (PROMAG H-1 2022), OR BE COMPLETELY ENCASED IN CONCRETE.
  3. ALL WATER CONTACT MATERIALS AND CHEMICALS MEET APPROPRIATE ANSI/AWWA OR AASINSF STANDARDS.
  4. THE WATER MAIN HAS BEEN DISINFECTED, FLUSHED, AND MICROBIOLOGICALLY TESTED IN ACCORDANCE WITH AWWA STANDARD C661.

**TESTING NOTES**  
 WATER MAIN HAS BEEN PRESSURE/LEAK TESTED AND DISINFECTED PER MPVSS SECTION 02990.3.4.

**MPVSS STANDARD DRAWINGS:**  
 02221-1 TYPICAL UTILITY TRENCH DETAILS  
 02990-1 THRUST BLOCKING FOR WATER MAIN FITTINGS  
 02990-3 THRUST BLOCKING FOR WATER MAIN VALVES  
 MPVSS STANDARD SPECIFICATIONS:  
 SECTION 02990 WATER DISTRIBUTION

**NOTE**

1. SURFACE PROFILE, PIPE LENGTHS, AND BUILDING SIZE ARE APPROXIMATE AND FOR GRAPHICAL PURPOSES ONLY. OBJECTS DRAWN WITHIN THE PROFILE ARE NOT TO SCALE.

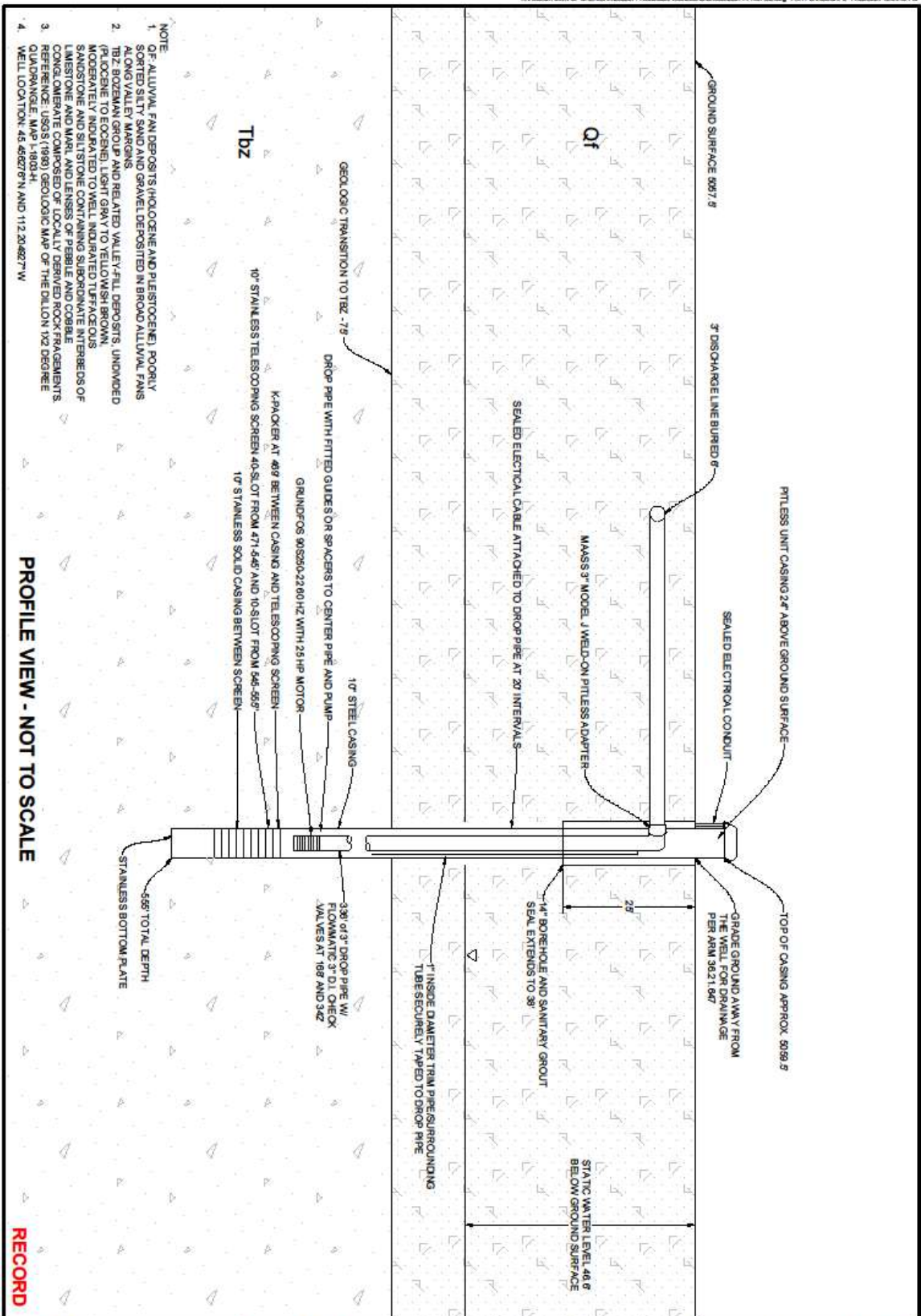


**PROFILE VIEW**  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'



**RECORD**

TOWN OF SHERIDAN TOWN OF SHERIDAN WELL NO.7 <b>WELL #7 CONNECTION PLAN AND PROFILE</b> MADISON COUNTY, MONTANA		PREPARED BY <b>WWC ENGINEERING</b> 1275 MAPLE STREET, SUITE F HELENA, MT 59601 (406) 443-3862 www.wwcengineering.com	NO. _____ REVISION _____ BY _____ DATE _____ PROJECT NO. 2022-371
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- NOTE
1. OF ALLUVIAL FAN DEPOSITS (HOLOCENE AND PLEISTOCENE), POORLY SORTED SILTY SAND AND GRAVEL DEPOSITED IN BROAD ALLUVIAL FANS ALONG VALLEY MARGINS.
  2. TBZ BOZEMAN GROUP FAN RELATED VALLEY-FILL DEPOSITS, UNINDURATED, MODERATELY SOFTENED TO HARD TO SELECTIVE BROWN SANDSTONE AND SILTSTONE CONTAINING SUBROUNDATE INTERBEDS OF LIMESTONE AND MARL AND LENSES OF PEBBLE AND COBBLE CONGLOMERATE COMPOSED OF LOCALLY DERIVED ROCK FRAGMENTS.
  3. REFERENCE: USGS (1999) GEOLOGIC MAP OF THE DILON 1X2 DEGREE QUADRANGLE, MAP 1-1803-H.
  4. WELL LOCATION: 45 46827'N AND 112 204827'W.

PROFILE VIEW - NOT TO SCALE

RECORD

DESIGNED BY:	M
DRAWN BY:	AM
CHECKED BY:	AM
DATE:	11/17/2024
SHEET:	5

TOWN OF SHERIDAN  
WELL NO. 7  
**EXHIBIT A**  
MADISON COUNTY, MONTANA

PREPARED BY

1275 BAILEY STREET, SUITE F  
HELENA, MT 59601  
(406) 443-3082  
www.wwcengineering.com

NO.	REVISION	BY	DATE

PROJECT NO. 2022-371

## **APPENDIX C**



UNIFORM INVOICE TRACKING SPREADSHEET FOR:

Town of Sheridan

System Improvements (AM-22-003)

DATE:

Vendor's Name	Invoice or Pay Estimate Number	Invoice Date or Time Period	Task Description (match budget)	Total Amount of Invoice	Warrant Number	Date Paid	Water Enterprise Funds	#	Town of Sheridan LFPF	#	Town of Sheridan M&G (AM-22-01)	#	Madison County LFPF	#	Madison County M&G (AM-22-01)	#	Total Amount Paid This Invoice	Notes on Split or Partial Invoices
W/W/C	214000001	10/18/21	WATERS SYS IMPROVEMENTS	\$1,988.00	17203	11/08/21	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,988.00	1	\$1,988.00	
W/W/C	214000002	11/01/21	Preliminary Engineering	\$4,537.40	17235	11/30/21	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,537.40	1	\$4,537.40	
W/W/C	214000003	12/21/21	Preliminary Engineering	\$3,792.25	17291	01/05/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,792.25	1	\$3,792.25	
W/W/C	214000004	01/21/22	Preliminary Engineering	\$2,636.95	17301	01/21/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$2,636.95	1	\$2,636.95	
W/W/C	214000005	02/23/22	Preliminary Engineering	\$1,077.60	17340	04/05/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,077.60	1	\$1,077.60	
W/W/C	214000006	03/23/22	Preliminary Engineering	\$3,832.00	17350	04/05/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,832.00	1	\$3,832.00	
W/W/C	214000007	04/19/22	Preliminary Engineering	\$1,011.50	17451	04/19/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,011.50	1	\$1,011.50	
W/W/C	214000008	05/16/22	Preliminary Engineering	\$1,028.00	17455	05/16/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,028.00	1	\$1,028.00	
W/W/C	214000009	10/19/22	Preliminary Engineering	\$5,138.00	17628	10/19/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$5,138.00	1	\$5,138.00	
W/W/C	214000010	11/17/22	Preliminary Engineering - SPUT	\$321.50	17610	12/06/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$321.50	1	\$321.50	
W/W/C	214000011	12/21/21	Below	\$352.00	17703	01/03/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$352.00	1	\$352.00	\$352.50 of invoice goes with the generator task below.
W/W/C	214000012	01/16/23	Preliminary Engineering	\$5,508.00	17738	01/26/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$5,508.00	1	\$5,508.00	
W/W/C	214000013	02/17/23	Preliminary Engineering	\$3,645.00	17785	03/16/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,645.00	1	\$3,645.00	
W/W/C	214000014	03/19/23	Final Engineering	\$840.00	17835	04/11/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$840.00	1	\$840.00	
W/W/C	214000015	03/26/23	Final Engineering GENERATORS	\$1,253.50	18113	12/19/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,253.50	1	\$1,253.50	
W/W/C	214000016	12/21/21	Preliminary Engineering - SPUT	\$562.50	17703	01/03/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$562.50	1	\$562.50	
W/W/C	214000017	08/17/22	Construction	\$850.00	17553	03/07/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$850.00	1	\$850.00	
W/W/C	5445	12/03/22	Construction	\$310.06	17651	12/19/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$310.06	1	\$310.06	
W/W/C	5414	10/23/22	Construction	\$4,350.00	17656	11/02/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,350.00	1	\$4,350.00	
W/W/C	5431	01/23/23	Construction	\$19,800.00	17751	02/16/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$19,800.00	1	\$19,800.00	
W/W/C	6616	06/11/23	Construction	\$24,750.00	17336	06/14/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$24,750.00	1	\$24,750.00	
W/W/C	81-3465	05/16/22	WATER METER UPGRADES	\$8,653.36	17457	06/11/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$8,653.36	1	\$8,653.36	
W/W/C	81-1006	07/14/22	Construction	\$3,388.40	17533	08/11/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,388.40	1	\$3,388.40	
W/W/C	81-1019	04/19/22	Construction	\$1,630.00	17550	06/11/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,630.00	1	\$1,630.00	
W/W/C	81-1016	04/19/22	Construction	\$110.00	17711	01/03/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$110.00	1	\$110.00	
W/W/C	28023	03/16/22	Construction	\$315.00	17410	02/16/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$315.00	1	\$315.00	
W/W/C	28840	01/30/23	Construction	\$175.00	17414	02/16/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$175.00	1	\$175.00	
W/W/C	214630001	11/17/21	Preliminary Engineering	\$396.00	17235	11/30/21	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$396.00	1	\$396.00	
W/W/C	214630002	12/21/21	Preliminary Engineering	\$4,185.50	17291	01/03/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,185.50	1	\$4,185.50	
W/W/C	214630003	01/24/22	Preliminary Engineering	\$178.25	17340	01/26/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$178.25	1	\$178.25	
W/W/C	214630004	03/16/22	Final Engineering	\$1,986.00	17364	03/21/22	\$1,986.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,986.00	1	\$1,986.00	
W/W/C	214630005	04/19/22	Final Engineering	\$68.00	17401	04/19/22	\$68.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$68.00	1	\$68.00	
W/W/C	1237	12/03/21	Preliminary Engineering	\$2,311.20	17292	12/15/21	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$2,311.20	1	\$2,311.20	
W/W/C	1244	02/19/22	Preliminary Engineering	\$550.00	17416	05/12/22	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$550.00	1	\$550.00	
W/W/C	1253	04/17/22	Final Engineering	\$435.00	17338	04/19/22	\$435.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$435.00	1	\$435.00	
W/W/C	1255	04/26/23	Final Engineering	\$220.00	17439	07/15/22	\$220.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$220.00	1	\$220.00	
W/W/C	22310001	03/21/22	NEW WELL ENGINEERING	\$4,721.50	1716	10/11/22	\$4,721.50	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,721.50	1	\$4,721.50	
W/W/C	22310002	10/19/22	Preliminary Engineering	\$4,030.50	17628	10/19/22	\$4,030.50	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,030.50	1	\$4,030.50	
W/W/C	22310003	11/17/22	Preliminary Engineering	\$3,175.50	17765	02/16/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,175.50	1	\$3,175.50	
W/W/C	22310004	12/21/22	Preliminary Engineering	\$2,481.00	17703	01/03/23	\$2,481.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$2,481.00	1	\$2,481.00	
W/W/C	22310005	01/16/23	Preliminary Engineering	\$1,834.25	17738	01/26/23	\$1,834.25	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,834.25	1	\$1,834.25	
W/W/C	22310006	02/17/23	Final Engineering	\$608.50	17785	02/17/23	\$608.50	1	\$0.00	1	\$0.00	1	\$0.00	1	\$608.50	1	\$608.50	
W/W/C	22310007	03/14/23	Final Engineering	\$331.50	17785	02/17/23	\$331.50	1	\$0.00	1	\$0.00	1	\$0.00	1	\$331.50	1	\$331.50	
W/W/C	22310008	04/26/23	Preliminary Engineering	\$4,374.50	17827	04/27/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$4,374.50	1	\$4,374.50	
W/W/C	22310009	05/19/23	Preliminary Engineering	\$2,414.50	17853	05/19/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$2,414.50	1	\$2,414.50	
W/W/C	22310010	06/12/23	Preliminary Engineering	\$516.50	17883	05/15/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$516.50	1	\$516.50	
W/W/C	22310011	07/14/23	Preliminary Engineering	\$583.20	18113	12/19/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$583.20	1	\$583.20	
W/W/C	22310012	08/23/23	Construction Inspection	\$1,113.50	17339	09/01/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,113.50	1	\$1,113.50	
W/W/C	22310013	09/26/23	Construction Inspection	\$1,804.50	18113	12/19/23	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,804.50	1	\$1,804.50	
W/W/C	22310014	10/23/23	Preliminary Engineering	\$352.75	18113	12/19/23	\$352.75	1	\$0.00	1	\$0.00	1	\$0.00	1	\$352.75	1	\$352.75	
W/W/C	22310015	11/21/23	Construction Inspection	\$218.85	18166	02/21/24	\$218.85	1	\$0.00	1	\$0.00	1	\$0.00	1	\$218.85	1	\$218.85	
W/W/C	22310016	01/24/24	Construction Inspection	\$3,750.00	18170	02/07/24	\$3,750.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$3,750.00	1	\$3,750.00	
W/W/C	22310017	02/21/24	Construction Inspection	\$538.50	18166	02/21/24	\$538.50	1	\$0.00	1	\$0.00	1	\$0.00	1	\$538.50	1	\$538.50	
W/W/C	22310018	03/25/24	Final Enginering	\$143.00	18235	03/27/24	\$143.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$143.00	1	\$143.00	
W/W/C	22310019	06/19/24	Final Engineering	\$2,168.50	18235	06/19/24	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$2,168.50	1	\$2,168.50	
W/W/C	22310020	06/26/24	Final Engineering	\$355.00	18235	06/11/24	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$355.00	1	\$355.00	
W/W/C	22310021	01/30/24	Final Engineering	\$5,882.30	18455	03/07/24	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$5,882.30	1	\$5,882.30	
W/W/C	22310022	03/26/24	Final Engineering	\$1,615.00	18453	10/03/24	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,615.00	1	\$1,615.00	
W/W/C	22310023	10/30/24	Final Engineering	\$1,353.00	18510	11/14/24	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,353.00	1	\$1,353.00	
W/W/C	22310024	12/03/24	Preliminary Engineering	\$1,008.00	18560	01/13/25	\$0.00	1	\$0.00	1	\$0.00	1	\$0.00	1	\$1,008.00	1	\$1,008.00	
W/W/C	22310024	12/03/24	Final Engineering	\$1,868.50	18560	01/13/25												

