

***SHEEP CREEK WATER COMPANY
REGULAR BOARD OF DIRECTORS MEETING
February 17, 2022 ~ 6:00 PM
SHEEP CREEK WATER COMPANY – via Zoom
4200 Sunnyslope Rd., Phelan, CA 92371***

The Sheep Creek Water Company Regular Board of Directors Meeting will be held via Zoom Meeting for Shareholder participation. Shareholders may access the meeting remotely with the following options.

Remote Participation Information:

Zoom: <https://us02web.zoom.us/j/86350387369?pwd=UW05MllzOXh3ZVZpTzVLemNpTUdXQT09>

Meeting ID: 863 5038 7369

Passcode: 927192

One tap mobile

+16699006833,, 86350387369#,,,,* 927192# US (San Jose)

Dial-In

(669) 900-6833

Meeting ID: 863 5038 7369

Passcode: 927192

AGENDA

- 1) **Open Meeting-** 6:00 PM
 - a. Flag Salute
 - b. Invocation
- 2) **Consent Motions**
 - a. Minutes:
 - i. *Regular Board of Directors Meeting- January 20, 2022*
 - b. Bills:
 - i. *January 20, 2022 through February 17, 2022*
 - c. Managers' Report: Included in Board Packet
- 3) **Open Forum/Public Comment-** Under this item any member of the Board or Public may address the Board on any item relating to the company not listed on this agenda. However, the Board is prohibited under AB 240 from taking any action on an item not appearing on the agenda. Board president will call on each participant and at that time you have three (3) minutes to speak.
- 4) **Old Business**
 - a. System Update

- b. PPHCSD Consolidation Update
- c. Source Capacity Project

5) **New Business**

- a. 2022 Annual Shareholders Meeting
 - i. Agenda- Review
 - ii. Proxy Form

6) **Next Scheduled Meeting**

- a. March 17, 2022 via Zoom
- b. April 21, 2022 via Zoom
- c. May 5, 2022 via Zoom
- d. May 14, 2022 Annual Shareholder Meeting- Tentative

7) **Closed Session**

8) **Adjournment**

SHEEP CREEK WATER COMPANY
Regular Board of Directors Meeting
January 20, 2022 ~ 6:00pm
Sheep Creek Water Company ~ Board Room via Zoom
4200 Sunnyslope Road, Phelan, CA 92371

The Regular Board of Directors Meeting of January 20, 2022, was called to order at 6:01 pm by Andy Zody. Chris Cummings led in the Pledge of Allegiance and David Nilsen led in the Invocation. Mr. Zody reminded all present that the meeting was being recorded for accurate minutes.

Directors Present: President Andy Zody, Secretary/Treasurer Kellie Williams, Director Luanne Uhl and Director David Nilsen were all present at tonight's meeting.

Staff Present: Chris Cummings was present.

Consent Motions

Minutes: Regular Board of Directors Meeting ~ December 16, 2021

Bills: December 16, 2021 through January 20, 2022

Manager's Report: January 20, 2022

David Nilsen moved to accept the Consent Motions as presented. Luanne Uhl seconded the motion. Motion carried.

Open Forum/Public Comment: *Under this item, any member of the Board or Public may address the Board on any item relating to the company, not listed on this Agenda. However, the Board is prohibited under AB 240 from taking any action on an item not appearing on the Agenda. The Board President will call on each participant and at that time, you will have three (3) minutes to speak.*

Old Business:

a.) *System Update:* Static water levels over the past month have remained the same, without seeing any recharge. Well levels continue to be monitored weekly and reported to the State Water Board. Well 8 is running 8 – 12 hours a day. Water usage has dropped and is averaging 400,000 thousand gallons per day. The Tunnel is flowing at 140 gallons per minute. Total Pumping capacity is at 1,855 gallons per minute. Minor maintenance and cleanup was completed at the bottom of the Tunnel Shaft. The work was completed by Underground Exploration from San Diego.

Yearend inventory and job work order s have been completed.

Work Completed for the 2021 Year ~

- 105 Water Meters Replaced
- 1 New Service SWRCB approved and installed
- 12 Main Line Leaks and 4 Service Line Leaks
- 2 Regulator Vaults been replaced
- 6 Standpipes replaced with Fire Hydrants
- 13 Gate Valves added or replaced
- Additional Emergency Cross Connection installed.

Total Operations Maintenance for 2021- \$124,645

b.) *PPHCSD Consolidation Update:* A draft Consolidation Agreement has been reviewed by the Consolidation Committee with a few additional changes. Fire flows throughout the system have been completed, so the computer model can be calibrated.

The Water Rights analyst is being updated by the Water Rights Attorney. During our last monthly update meeting, a representative with DFA was on the call and stated water rights cannot be purchased by the State of California. There was discussion that the State may fund infrastructure. We will be meeting with PPHCSD next week to discuss additional options available if the water rights funding is not available. Also, a follow-up meeting is scheduled for next week, with all parties to discuss the Water Rights funding.

New Business:

a.) ***2022 Annual Shareholders Meeting:*** David Nilsen suggested that if there is no agreement on the Consolidation, then the Shareholder's will have to be presented on how to pay for the new wells. Chris will be working on a date and will work on preparing an Agenda and the necessary arrangements for an Annual Meeting.

Next Scheduled Meetings:

February 17, 2022 via Zoom

March 17, 2022 via Zoom

Closed Session: Employee Evaluation

Adjournment: Luanne Uhl moved to adjourn the Meeting and go into Closed Session. Kellie Williams seconded the motion. Motion carried. The Regular Board of Directors Meeting of January 20, 2022, was adjourned into Closed Session at 6:20 pm.

Respectfully Submitted,

**Kellie Williams ~ Secretary/Treasurer
Sheep Creek Water Company
Board of Directors**

Sheep Creek Water Company

4200 Sunnyslope Rd.

P.O. Box 291820

Phelan, CA 92329-1820

Office (760) 868-3755/Fax (760) 868-2174

Email sheepcreek@verizon.net / www.sheepcreekwater.com

Regular Board of Directors Meeting – Managers Report

February 17, 2022

PRODUCTION

- January Production- 38.65AF; 2021 Total Production- 626.76AF / 204,262,296 gallons
- January Usage- 32.74AF; 2021 Total Consumption- 536.28AF / 174,773,326 gallons

Well soundings February 2022:

- Static Water Levels compared February 2021 to February 2022:
 - Well 2A** static level is down 4.62 feet – Water Level 274'
 - Well 3A** static level is down 9.24 feet – Water Level 279.82'
 - Well 4A** static level is down 11.02 feet - Water Level 289.85'
 - Well 5** static level is down 13.86 feet – Water Level 281.4'
 - Well 8** static level is down 9.24 feet – Water Level 319.88'
 - Well 11** static level had no change – Water Level 948'
- Tunnel** the Tunnel flow is currently averaging 140 gpm up 7 gpm from last year
- Well 8 running an average of 14 hours a day.
- Total pumping capacity as of January 31, 2022 is 1,846 gpm.
- Current usage is averaging 450,000 gallons per day.
- **Allotment Tier 1 – First share on account remain 750 CF/Share and Remaining shares 150 CF/Share. \$0.50 per hcf**
- **Allotment Tier 2 – 150 CF/Share all shares after Tier 1 \$3.46 per hcf**
- **Tier 3 Overage- No Allotment \$6.32 per hcf**

Work Completed or in Progress- February 2022

- Work orders as office requests
- Well soundings- weekly
- 7 meter upgrades
- 0 Mainline leaks / 0- service line leaks
- PRV Station 18 & 35 vaults to be replaced- vaults ordered
- Tank 3 inlet replacement project- gate valves & vault backordered
- Updating San Bernardino County Fire Business Plan- due March 1
- SWRCB Order NO. 05-13-21D-004 received July 2, 2021
 - Weekly Water Level & Production Reporting- ongoing
- PPHCSD Consolidation-
 - Monthly update meeting PPHCSD, SWRCB DFA, Sacramento State- Office of Water Programs- Work plan has been executed, engineering design moving forward.
 - Updated water rights analysis sent to State DFA for review and comment
 - Engineering for consolidation grant funding- In Progress
 - System water model and calibration in progress.
 - Pressure logging & fire flows completed throughout system
 - PPHCSD & SCWC system model integration in progress, fire flow and interconnection verification in progress
 - District negotiations continuing- SCWC sent consolidation agreement back to PPHCSD for review

Sheep Creek Water Company
4200 Sunnyslope Rd.
P.O. Box 291820
Phelan, CA 92329-1820
Office (760) 868-3755/Fax (760) 868-2174
Email sheepcreek@verizon.net / www.sheepcreekwater.com

NOTICE OF ANNUAL MEETING OF SHAREHOLDERS

NOTICE IS HEREBY GIVEN, that the Annual Meeting of the Shareholders of Sheep Creek Water Company, a California corporation, will be held virtually through Zoom or telephone conference, originating at 4200 Sunnyslope Rd Phelan, California, on **May 14, 2022 at 10:00 a.m.**, local time, for the following purpose:

COVID-19 Precaution: Due to the ongoing Covid-19 pandemic, precautions will be taken to provide a safe meeting for the Shareholders. It is recommended to wear a mask when indoors, mask will be available if needed. Hand washing and sanitizing are recommended to help minimize spread of Covid-19. Hand sanitizer will be available.

- I. **Open Meeting**
 - a.) Flag Salute & Invocation
 - b.) Introductions
 - 1) Board Members
 - 2) Past Board Members
 - 3) Sheep Creek Water Company Staff
 - 4) Proxy Committee
- II. **Financial Update**
 - a.) Approval of 2020 & 2021 Financial Statement
- III. **Old Business**
 - a.) Approval of Annual Meeting Minutes of 2019 & 2021
 - b.) System Update
 - c.) SWRCB Compliance Order Update
 - d.) Source Capacity Project Update
- IV. **New Business**
 - a.) Sale of Sheep Creek Water Company 3,000 Acre Foot Water Right to PPHCSD
 - b.) Consolidation of Sheep Creek Water Company with Phelan Pinon Hills Community Service District
 - c.) Source Capacity Project Loan Repayment- Contingent on Consolidation
- V. **Open Forum/Public Comment-** Under this item any member of the Board or Public may address the Board on any item relating to the company not listed on this agenda. However, the Board is prohibited under AB 240 from taking any action on an item not appearing on the agenda. Board president will call on each participant and at that time you have three (3) minutes to speak.
- VI. Procedures for Voting
- VII. Election of Directors
- VIII. Adjournment

OVER →

Dear Shareholders,

*Whether or not you plan to attend the
Annual Meeting*

*Please sign, and date the enclosed proxy form.
A return envelope has been provided for your
Convenience.*

*Remember,
If you attend the meeting on May 14, 2022,
You must be signed in before 10:00 A.M.
Or your vote will not be counted!*

We hope to see you there!

*You can also send the Proxy by
E-mail: sheepcreek@verizon.net or
Fax: (760) 868-2174*

PROXY FORM
FOR THE SHARES OF
SHEEP CREEK WATER COMPANY
A CALIFORNIA CORPORATION

PLEASE CAREFULLY READ, SIGN, AND RETURN THIS PROXY FORM TO OUR OFFICE

THE UNDERSIGNED DOES HEREBY CONSTITUTE AND APPOINT the Secretary of the Board of

Directors (“Secretary”), or, alternatively, _____, as the proxy of the undersigned, with full power of substitution, to represent and vote all shares which the undersigned is entitled to vote at any meeting of the Stockholders occurring during the term of this proxy at which the undersigned is not present, with all the powers which the undersigned would possess if present at such meeting, upon any business raised during the meeting, including, but not limited to, the election of directors.

1. **If the Secretary is designated above** to serve by proxy for the undersigned, then this proxy shall **a)** be voted for the election of the nominees to the Board of Directors; **b)** in favor of the Directors’ proposals, as shown on the agenda for any meeting occurring during the term of this proxy; and **c)** at the Secretary’s discretion as to any other matter which comes before the meeting and which is not shown on the above-referenced agenda.

2. **If an individual other than the Secretary is designated above** to serve by proxy for the undersigned, then this proxy shall be voted at the proxy holder’s discretion as to all matters which come before the meeting, except that the proxy holder shall follow any specific instructions from the Undersigned.

- THIS PROXY IS SUSPENDED at any meeting of the Stockholders at which the undersigned is present.
- UNLESS EARLIER REVOKED, THIS PROXY EXPIRES, on the following date: **June 1, 2024.**
- THIS PROXY MAY BE REVOKED AT ANY TIME by filing with the Secretary of the Corporation either **a)** an instrument revoking it, or **b)** a duly executed proxy bearing a later date.
- ALL PREVIOUS PROXIES ARE HEREBY REVOKED.

THIS FORM MUST BE RECEIVED BY THE CORPORATION NO LATER THAN 4:30 P. M. ON THURSDAY, MAY 12, 2022, IN ORDER TO BE VALID.

“STOCKHOLDER”

SIGNATURE: _____ **PHONE#** _____

PRINT NAME: _____ **DATE:** _____

OTHER NAME AFFILIATED (IF APPLICABLE): _____

This Proxy form can be sent to us by regular mail, fax or e-mail.
Sheep Creek Water Co. Mailing: P. O. Box 291820, Phelan, CA 92329-1820
Fax # (760) 868-2174 / E-mail: sheepcreek@verizon.net



TECHNICAL ASSISTANCE (TA) WORK PLAN

UNIVERSITY ENTERPRISES, INC. (UEI)
AND

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

SAFER AND AFFORDABLE FUNDING FOR EQUITY AND RESILIENCE (SAFER)
DRINKING WATER PROGRAM TECHNICAL ASSISTANCE (PROJECT)

AGREEMENT NUMBER (NO.) D19-17008

AMENDED TA WORK PLAN NO. 6214-BA
TA START DATE: September 10, 2020

AMOUNT: \$ 658,722

Whereas through the passage of various bond acts, including Proposition 1 in November 2014 and Senate Bill 200 in July 2019, the State Water Resources Control Board (State Water Board) is authorized to make available certain general obligation bond proceeds (GO Bond Proceeds) and Safe and Affordable Drinking Water Funds (SADW Funds) for projects meeting certain criteria; and

Whereas the State Water Board has determined that this Project is eligible for certain GO Bond Proceeds and/or SADW Funds;

Therefore, the parties hereby amend the Agreement, originally executed on April 14, 2021, and incorporated herein, to add:

TA WORK PLAN NO. 6214-BA (7 pages attached) **

**** Entire Exhibit Added ** Entire Exhibit added to replace TA Work Plan No. 6123-A (executed 5/7/21)**

All other terms and conditions shall remain the same.

RECIPIENT:

By: _____

Name: Monica F. Kauppinen

Title: Director, Sponsored Programs Administration

Date: _____

STATE WATER RESOURCES CONTROL BOARD:

By: _____

Name: ~~Joe Karkoski~~ **Leslie S. Laudon**

Title: Deputy Director, Division of Financial Assistance

Date: _____

Technical Assistance (TA) Work Plan

TA Type: ☒ Drinking Water ☐ Wastewater ☐ Storm Water ☐ Groundwater
Grant Agreement No. Agreement No. D19-17008
TA Start Date: 09/10/2020
TA Recipient(s): Sheep Creek Water Company
Community/System Information: Population Served: 3,366
Community/System Contact: Median Household Income (MHI): \$55,153
Additional Community/System Contact: Sheep Creek Water Company
System Contact: Chris Cummings, General Manager, sheepcreek@verizon.net, 760.868.3755
 Phelan Pinion Community Services District
 Don Bartz, General Manager, 760.868.1212, dbartz@pphcsd.org
 George Cardenas, gcardenas@pphcsd.org
 Jennifer Oakes, Conservation Program Administrator, 760.868.1212, joakes@pphcsd.org
 Sean Wright, Operations Manager, 760.868.1212, swright@pphcsd.org

Identification (PWSID) No: 3610109
 Number of Connections: 1,185
 MHI Source: US Census Data

Amended Work Plan No.: Work Plan No. 6214-BA

Amended Work Plan Title: Sheep Creek Consolidation Project

Amended Work Plan Submittal Date: March 24, 2024 IBD

Date:

A. Technical Assistance Details

Water System Description:

Sheep Creek Water Company (SCWC) water system (PWS No. CA3610109) serves a population of just over 3,300 through approximately 1,200 connections throughout unincorporated areas of San Bernardino County in Phelan, CA as shown in Figure 1. SCWC has operated since 1978 when the State Water Board (California Department of Health Services at the time) issued a Domestic Water Supply Permit (No. 78-007). SCWC relies on six groundwater wells and one supply tunnel located within the El Mirage Basin (Basin No. 6-043) in the Swarthout Canyon in the San Gabriel Mountains. The supply tunnel, wells, and two storage tanks are located on the southeastern slope of the San Gabriel mountains. The elevation difference between the source supply and the service area is sufficient to allow the entire distribution system to be fed by gravity without booster pump stations. There are 43 pressure reducing stations throughout the service area to reduce pressure in the main line to an acceptable range. Estimates from 2019 (CRWA 2019) indicated the current Maximum Daily Demand (MDD) for the system is 1.78 million gallons per day (MGD); 1,236 gpm).

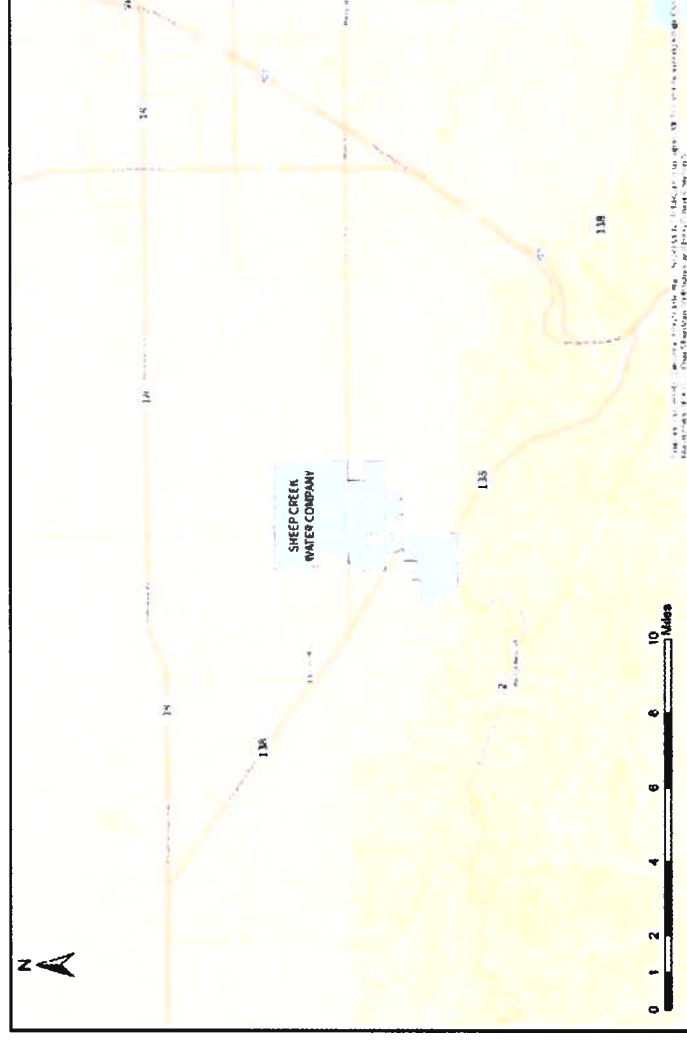


Figure 1: Sheep Creek Water Company location and service area
(Taken from CRWA 2019)

Current and Past Compliance Issues:

In 2018, the State Water Board issued Compliance Order No. 05_13_18R_002A1 to SCWC for source capacity violations. The compliance order set a moratorium disallowing SCWC from making any further service connections. In January 2019, SCWC completed a feasibility study that evaluated two options for further increasing system capacity to meet maximum daily demand (MDD) requirements: consolidate with a nearby existing system (Phelan Pinon Hills Community Services District, PPHCSD) or drill and operate two new, additional wells. The study indicated that the consolidation option would cost less for capital and continued operation and maintenance than the installation and operation of the new wells. However, at the time, SCWC's general manager and board of directors preferred the well option, and this was approved by the shareholders in August 2019. A corrective action plan describing the well installation option was then submitted to the State Water Board and approved in January 2020, but contingent on demonstration that possible financial concerns would be addressed. The 2018 compliance order was therefore amended in March 2020 to direct completion of a financial capacity assessment of the system and installation of the new wells by specified dates.

The financial capacity assessment was completed in summer of 2020, but SCWC and PPHCSD have since agreed to consolidate their systems in lieu of SCWC installing new wells. The systems therefore plan to apply to the Drinking Water State Revolving Fund (DWSRF) to pay for this effort and have requested assistance in developing the relevant application materials.

Need for Technical Assistance:

The goal of this project is to physically consolidate the SCWC and PPHCSD water systems and address the compliance order issued to SCWC. The project scope involves developing a DWSRF construction funding application. Specifically, the technical assistance (TA) team shall revise existing consolidation plans (CRWA 2019) as appropriate and submit a General Information Package, a Technical Package (Technical Memorandum; 90% Plans and Specifications), an Environmental Package, and a Financial Package required for the DWSRF application. The consultant will coordinate with the staff from the SCMWC, PPHCSD, the State Water Board Division of Financial Assistance (DFA) and Division of Drinking Water (DDW), and the Office of Water Programs (OWP) at California State University, Sacramento to complete the scope of work.

Other TA Providers:

No other TA providers are currently involved in TA efforts for the System.

Reasons for Amended Work Plan B:

The amendment is needed for additional time to complete the project. Execution of the original work plan was delayed, so additional time is needed to complete the services and submit deliverables. The revised deliverable dates are shown in the table below.

B. Summary of Proposed Deliverables and Activities

The table below provides a breakdown of the deliverables and related activities. Note that development of the plans and specifications may not commence until consultant receives approval from the State Water Board staff on Final Technical Memorandum.

No.	Task	Notes and Details Regarding Related Activities	Lead TA Provider staff/consultant(s)	Deliverable & Due Date	Budget ¹
1	Perform Needs Assessment and Prepare Work Plan	Hold kickoff meeting and prepare meeting notes. Identify scope, deliverables, schedule and budget; solicit and review proposals from team members. Prepare work plan.	OVP: Maureen Kerner	Complete	\$ 8,340
2	Prepare DWSRF General Package	Prepare General Package for DWSRF Construction Financing Application	Infrastructure Engineering Corporation: Dolores Salgado	Completed General Package Form - 04/09/2024 12/15/2021	\$ 9,110
3	Prepare Technical Memorandum (TM) ²	<ul style="list-style-type: none"> Recommend the preferred construction alternative Provide a description of project components Prepare a Class 3 construction cost estimate Prepare an estimate of operation and maintenance (O&M) costs Assess <u>SCWC and PPHCSD water rights with respect to combined system demand and Water Board funding eligibility</u> Prepare draft and final TM² in accordance with the Engineering Report Guidelines provided in the Technical Package of the DWSRF construction financing application 	Infrastructure Engineering Corporation: Dolores Salgado	Draft TM – 08/23/2024 3/31/2022 Final TM – 10/12/2024 5/19/2022	\$ 170,359
4	Develop 90% Plans and Specifications	Prepare 90% Plans and Specifications for the recommended project	Infrastructure Engineering Corporation:	60% level- 02/09/2022 29/6/2022	\$ 318,054

No.	Task	Notes and Details Regarding Related Activities	Lead TA Provider staff/consultant(s)	Deliverable & Due Date	Budget ¹
			Dolores Salgado	90% level- 02/28/2022 12/20/2022	
5	Prepare DWSRF Technical Package	<ul style="list-style-type: none"> Prepare preliminary and final contract documents Prepare a Class 1 construction cost estimate Complete Technical Package (Construction) with all attachments 	Infrastructure Engineering Corporation: Dolores Salgado	Completed Technical Package- 02/28/2022 11/9/2022 3	\$ 9,110
6	Prepare DWSRF Environmental Package and California Environmental Quality Act (CEQA) Documentation	<ul style="list-style-type: none"> File NOE (if applicable) with the State Clearinghouse and County Clerk's Office File IS/MND (if applicable) Conduct biological and cultural literature review and reconnaissance-level review of project site (if applicable; note that individual Biological and Cultural Resource Reports are not required as the review federal cross-cutters is being waived at this time) Complete Environmental Package (Construction) with all attachments 	Infrastructure Engineering Corporation: Dolores Salgado	Draft IS/MND- 12/4/2022 7/18/2022 22 Final IS/MND- 02/28/2022 10/20/2022 022 Completed Environmental Package- 02/28/2022 11/11/2022 022	\$ 44,325
7	Prepare DWSRF Financial Security Package	Prepare Financial Security Package for DWSRF Construction Financing Application	OWP: Maureen Kerner	Completed Financial Package- 02/28/2022	\$ 1,957
8	Project Management	Provide project management services, including oversight of TA team, team coordination, conference calls and meetings, document quality, FAAST uploading, work plan execution, act as primary point of contact, and monitoring of project scope, schedule and budget	OWP: Maureen Kerner	Completed Deliverables Uploaded to FAAST- 02/28/2022	\$ 21,953

No.	Task	Notes and Details Regarding Related Activities	Lead TA Provider staff/consultant(s)	Deliverable & Due Date	Budget ¹
9	Provide Post-Application Support	Assist with any follow up items on the application after submission, including assistance with construction financing agreement	Infrastructure Engineering Corporation: Dolores Salgado	02/28 12/19/2022	\$ 15,630

¹ Budget may be shifted between tasks upon written approval from the State Water Board Grant Manager.

² In lieu of an Engineering Report (ER), as described in the Technical Package instructions, consultant shall develop a Technical Memorandum (TM) that describes the plan for consolidation, and merely summarizes the past feasibility study completed for assessing consolidation and new source wells. The TM shall include:

1. Background Project Information
2. Problem Description
3. Consolidation Analysis
4. Alternative Analysis - Describe what alternatives have been evaluated in the past and a brief explanation on why they were not chosen. Include the following items from the ER outline: (1) Description, (6) Cost estimate or total cost if available, (7) Advantages/Disadvantages, (8) Why it was not selected.
5. Selected Project - This will be the bulk of the memo and follow what is outlined in the Technical Application Instructions.
 - a. Detailed Cost Estimate
 - b. Proposed Schedule
 - c. Schematic and map of system's proposed facilities if available
 - d. Comprehensive Response to Climate Change if applicable

C. Total Budget (direct costs, including fringe) **

Budget Category	Total Amount Requested
Personnel	\$ 32,250
Expenses and Supplies	\$ 0
Equipment (>\$5,000)	\$ 0
Travel	\$ 0
Professional and Consultant Services	\$ 566,588
Contingency ***	\$ 59,884
Total Costs	\$ 658,722

** Costs may be shifted between line items upon written approval from the State Water Board Grant-Project Manager. Any costs exceeding the total amount requested will require an amendment to this work plan.

*** Use of contingency budget will require written approval from the State Water board Supervising Engineer.

Budget Assumptions:

Task 3 includes fees in the amount of \$1,000 related to mileage for site investigations (\$500) and printing/shipping for deliverables (\$500)

Task 4 includes fees in the amount of \$1,500 for Southern California Edison's application and plan review fees related to the power service for the new booster station.

Task 6 includes fees in the amount of \$2,500 related to the Notice of Determination filing fees.

D. California Environmental Quality Act (CEQA) Certification

Please indicate if all the work you will implement in connection with this work plan is consistent with one of the following CEQA exemptions:

- ☒ Feasibility and planning studies with no ground disturbing activities (Cal. Code Regs., Tit. 14, § 15262)
- ☐ Includes information collection via pilot studies, test wells, boreholes, etc. (Cal. Code Regs., Tit. 14, § 15306)

If proposed work includes ground disturbing activities in an area(s) with a potential for environmental impacts, including riparian habitat, wetland, endangered species habitat or sensitive cultural resources areas, you must notify your GM-Project Manager of the nature and scope of such work and receive approval prior to commencing ground disturbing activities.

References

California Rural Water Association (CRWA). 2019. Safe Drinking Water State Revolving Fund Applicant Funding Engineering Report: Sheep Creek Water Company. May 2019.

SAFER Fund Work Plan No. AR6214-A
Sheep Creek Water Company Water Consolidation Project
Estimated Construction Funding

Item	Quantity	Opinion of Construction Cost	Extension
System interconnections for hydraulically balanced system	4 total	\$100,000 each	\$400,000
Valve and metering stations			
Electrical and SCADA integration			
Water tunnel rehabilitation for water source supply	1 total	Unknown	Unknown
New well for source supply	1 total	\$2,000,000 each	\$2,000,000
Tank rehabilitation	6 total	\$250,000 each	\$1,500,000
Well rehabilitation	3 total	\$50,000 each	\$150,000
Pump station	1 total	\$500,000 each	\$500,000
Installation of end-of-line blowoffs	27 total	\$2,000 each	\$54,000
Convert to advanced metering infrastructure (AMI)	1,400 total	\$500 each	\$700,000
SCADA implementation	9 sites	\$40,000 each	\$360,000
Water main replacements for fire flow capacity	19,000 linear feet	\$200 foot	\$3,800,000
Pressure regulating stations	3 total	\$100,000	\$300,000
Subtotal			\$9,764,000

SAFER Fund Work Plan No. AR6214-A
Sheep Creek Water Company Water Consolidation Project
Estimated Grant Funding Request

Item No.	Description	Subtotal
Other Costs (State to determine funding)		
1	SCWC Assets (Water Rights) ¹	\$ 13,030,000
2	SCWC Assets (Existing Infrastructure) ²	\$ 10,820,000
	Other Costs (State to determine funding)	\$ 23,850,000
Grant Application Funding Request		
3	Construction Costs	\$ 9,764,000
4	Construction Support and Administration ³	\$ 361,233

Subtotal \$ 10,125,200

20% Contingency \$ 2,025,000

Grant Application Funding Request \$ 12,150,200

¹ Per 2019 SCWC Appraisal report, water rights appraised at \$13,030,000. Per 9/23/2020 meeting with SCWC, PPHCSD, and DDW, the SCWC board stated negotiable to a minimum of \$8,000,000.

² Per 2019 SCWC Appraisal report prepared by Valuation Source. Per 9/23/2020 meeting with SCWC, PPHCSD, and DDW, SCWC infrastructure would be transferred in exchange for no connection fees.

³ Construction Support and Administration, Assume 250 calendar days	Rate	Hours	Cost
Construction Support - Administration/Labor Compliance	\$ 110	100	\$ 11,000
Construction Support - Inspection	\$ 160	1333	\$ 213,333
Construction Support - Construction Manager	\$ 205	180	\$ 36,900
Engineering Services During Construction			\$ 70,000
Other Direct Costs; Hotel and mileage at a weekly rate of \$850/wk for 32 weeks			\$ 30,000
		Total	\$ 361,233

SCWC Assets	
Water Rights	\$13,030,000
Total asset value (including \$13mil water right)	\$23,850,000
Total asset value (excluding \$13mil water right)	\$10,820,000

Project Schedule
Drinking Water State Revolving Fund Work Plan No. 6214-A
SCWC Water Consolidation Project

ID	Task Name	Duration	Start	Finish	2021 Feb	2021 Mar	2021 Apr	2021 May	2021 Jun	2021 Jul	2021 Aug	2021 Sep	2021 Oct	2021 Nov	2021 Dec	2022 Jan	2022 Feb	2022 Mar	2022 Apr	2022 May	2022 Jun	2022 Jul	2022 Aug	2022 Sep	2022 Oct	2022 Nov	2022 Dec	2023 Jan	2023 Feb
1	Project	378 days	Thu 7/1/21	Mon 1/9/23																									
2	Kickoff Meeting	0 days	Thu 7/1/21	Thu 7/1/21																									
3	Progress Meetings	250 days	Thu 7/1/21	Thu 7/1/22																									
17	Prepare General Package	25 days	Mon 11/8/21	Wed 12/15/21																									
18	Final Application	25 days	Mon 11/8/21	Wed 12/15/21																									
19	General Application Complete	0 days	Wed 12/15/21	Wed 12/15/21																									
20	Prepare TM	218 days	Thu 7/1/21	Thu 5/19/22																									
21	Data Collection	128 days	Thu 7/1/21	Tue 1/11/22																									
22	Fire Flow Testing	5 days	Wed 1/5/22	Tue 1/11/22																									
23	Water Hydraulic Analysis	20 days	Wed 1/12/22	Wed 2/9/22																									
24	Cross Connection Study	4 days	Mon 9/27/21	Thu 9/30/21																									
25	Draft TM	35 days	Thu 2/10/22	Thu 3/31/22																									
26	SCWC/PPHCSD/UE/State Review	15 days	Fri 4/1/22	Thu 4/21/22																									
27	Final TM	20 days	Fri 4/22/22	Thu 5/19/22																									
28	Purchase of Water Rights Finalized	0 days	Mon 5/16/22	Mon 5/16/22																									
29	TM Complete	0 days	Thu 5/19/22	Thu 5/19/22																									
30	PS&E	155 days	Fri 5/20/22	Mon 1/2/23																									
31	Utility Research and Mapping	30 days	Fri 5/20/22	Fri 7/1/22																									
32	Surveying and Mapping	40 days	Fri 5/20/22	Mon 7/18/22																									
33	60% Submittal	35 days	Tue 7/19/22	Tue 9/6/22																									
34	SCWC/PPHCSD/UE/State Review 60% PS&E	15 days	Wed 9/7/22	Tue 9/27/22																									
35	Action from the State to Determine Construction Funding Available	30 days	Wed 9/7/22	Wed 10/19/22																									
36	90% Submittal	35 days	Mon 10/31/22	Tue 12/20/22																									
37	PS&E Complete	0 days	Tue 12/20/22	Tue 12/20/22																									
38	Parties Sign Consolidation Agreement	50 days	Thu 10/20/22	Mon 1/2/23																									
39	Prepare Technical Package	5 days	Tue 1/3/23	Mon 1/9/23																									
40	Final Technical Package	5 days	Tue 1/3/23	Mon 1/9/23																									
41	Technical Package Complete	0 days	Mon 1/9/23	Mon 1/9/23																									
42	CEQA	141 days	Fri 4/22/22	Fri 11/11/22																									
43	Project Description	20 days	Fri 4/22/22	Thu 5/19/22																									
44	Draft Initial Study/MND	40 days	Fri 5/20/22	Mon 7/18/22																									
45	Administrative Review	15 days	Tue 7/19/22	Mon 8/8/22																									
46	Public Review	21 days	Tue 8/9/22	Wed 9/7/22																									
47	Final IS/MND	30 days	Thu 9/8/22	Thu 10/20/22																									
48	Notice of Determination	10 days	Fri 10/21/22	Thu 11/3/22																									
49	Final Environmental Package	5 days	Fri 11/4/22	Fri 11/11/22																									
50	CEQA Complete	0 days	Fri 11/11/22	Fri 11/11/22																									
51	Post Application Support	30 days	Fri 11/4/22	Mon 12/19/22																									

Milestones and Key Decision Points
Drinking Water State Revolving Fund Work Plan No. 6214-A
SCWC Water Consolidation Project

ID	Task Name	Duration	Start	Finish	
1	Milestones for Consolidation				
2	Negotiate Water Rights and Assets	849 days	Fri 6/14/19	Wed 10/19/22	
3	Appraisal Report Prepared by SCWC	744 days	Fri 6/14/19	Tue 5/24/22	
4	Tentative Agreement to Purchase Water Rights	0 days	Fri 6/14/19	Fri 6/14/19	
5	Notice of Intent to Enter Negotiations to Consolidate	90 days	Fri 6/14/19	Thu 10/17/19	
6	SCWC/PPHCSD/DDWD/FA Meeting	0 days	Thu 9/17/20	Wed 9/23/20	
7	Action from the State RE Water Rights Appraisal	174 days	Wed 9/23/20	Thu 6/2/21	
8	State Requested Water Rights Analysis and Provided SOW	0 days	Thu 6/2/21	Thu 6/2/21	
9	IEC Prepare Proposal for a Water Rights Analysis	10 days	Fri 6/4/21	Thu 6/17/21	
10	State Review and Approve Proposal	60 days	Fri 6/18/21	Fri 9/10/21	
11	UEI Amend Work Plan SOW and Budget to Include Water Rights Analysis	30 days	Mon 9/13/21	Fri 10/22/21	
12	IEC Prepare Water Rights Analysis TM	15 days	Mon 10/25/21	Mon 11/15/21	
13	UEI/State/PPHCSD/SCWC Review Water Rights TM	10 days	Tue 11/16/21	Wed 12/1/21	
14	IEC Finalize Water Rights Analysis TM	10 days	Thu 12/2/21	Wed 12/15/21	
15	Action from the State RE SCWC's Water Rights Funding	30 days	Thu 12/16/21	Mon 2/7/22	
16	SCWC Board Review Purchase Price	30 days	Tue 2/8/22	Tue 3/22/22	
17	Draft Agreement to Purchase Water Rights and Assets	30 days	Wed 3/23/22	Tue 5/3/22	
18	Final Agreement to Purchase Water Rights and Assets	15 days	Wed 5/4/22	Tue 5/24/22	
19	SCWC Shareholders Vote to Sell Water Rights and Assets	0 days	Tue 5/24/22	Tue 5/24/22	
20	Purchase of Water Rights and Assets Finalized	0 days	Tue 5/24/22	Tue 5/24/22	
21	Negotiate Office Space	55 days	Tue 5/24/22	Mon 7/19/21	
22	Final Cost OPCC for New Administration Building	0 days	Mon 5/3/21	Mon 5/3/21	
23	PPHCSD Determine Cost per Person in Future Admin Building	20 days	Mon 5/3/21	Fri 5/28/21	
24	SCWC/PPHCSD Meeting	0 days	Mon 5/3/21	Mon 6/7/21	
25	SCWC Review Office Space Cost	10 days	Tue 6/8/21	Mon 6/21/21	
26	Final Office Space Arrangements	20 days	Tue 6/22/21	Mon 7/19/21	
27	Negotiate Staff Agreements	130 days	Thu 9/17/20	Fri 3/26/21	
28	PPHCSD Determine Staff Categories and Levels	0 days	Thu 9/17/20	Thu 9/17/20	
29	SCWC/PPHCSD Meeting	0 days	Wed 12/30/20	Wed 12/30/20	
30	SCWC Review Staff Agreements	60 days	Thu 12/31/20	Fri 3/26/21	
31	Final Staff Agreements	0 days	Fri 3/26/21	Fri 3/26/21	
32	Negotiate Water System Improvements	515 days	Mon 9/28/20	Wed 10/19/22	
33	SCWC/PPHCSD/IEC Meeting	0 days	Mon 9/28/20	Mon 9/28/20	
34	IEC Submitted Proposal to SCWC/PPHCSD	3 days	Tue 9/29/20	Thu 10/1/20	
35	SCWC/PPHCSD/DDWD/FA/IEC Meeting	0 days	Mon 10/5/20	Mon 10/5/20	
36	OWP Draft Work Plan and RFP	12 days	Tue 10/6/20	Thu 10/22/20	
37	IEC Prepare Proposal for Work Plan 6214-A	15 days	Fri 10/23/20	Fri 11/13/20	
38	OWP Review Proposal	15 days	Mon 11/16/20	Tue 12/8/20	
39	Contract for Work Plan 6214-A/Notice to Proceed	143 days	Wed 12/9/20	Thu 7/1/21	
40	IEC Complete 60% Submittal	210 days	Fri 7/2/21	Tue 5/10/22	
41	Action from the State to Determine Construction Funding Available	30 days	Wed 5/11/22	Tue 6/21/22	
42	SCWC Board to Review Project Cost Versus Funding Available	10 days	Wed 6/22/22	Wed 7/6/22	
43	Draft Consolidation Agreement	30 days	Thu 7/7/22	Wed 8/17/22	
44	Parties Sign Consolidation Agreement	10 days	Thu 8/18/22	Wed 8/31/22	
45	IEC Complete 90% Design	35 days	Thu 9/1/22	Wed 10/19/22	

Sheep Creek Water Company
Source Capacity Project- Well #12

PROJECT ESTIMATE- WELL 12 APN 3066-221-33-0000

		Original Estimate- 2019	Updated Estimate- 2022
Meetings, notifications administrative expenses		\$15,000	\$5,000.00
California Environmental Quality Act		\$40,000	\$5,000.00
Tom Dodson and Associates	\$27,000		
Notifications, Fees & Meetings	\$8,000		
Engineering- SWPPP	\$5,000		
Property purchase	\$200,000	\$215,000	\$215,000.00
Legal/Escrow Expenses	\$15,000		
Drill 1,500 foot 16" well with Ful-Flo Louver Casing		\$470,000	\$750,000.00
Well Development, test pump, pump foundation			
Submersible motor, pump, column pipe, cable, well head		\$150,000	\$225,000.00
Electrical equipment, conduit wiring		\$110,000	\$150,000.00
SCE Electrical Service & Meter Panels	\$40,000		\$60,000.00
VFD cabinet and control	\$45,000		\$60,000.00
Conduit, wiring, labor	\$25,000		\$30,000.00
Well Head & Site Work		\$51,500	\$74,500.00
Site Work- Concrete, Fencing, Housing, Protection	\$20,000		\$25,000.00
Pipe Work	\$25,000		\$40,000.00
Grading and dirt work	\$5,000		\$8,000.00
Environmental protection	\$1,500		\$1,500.00
Offsite pipeline upgrades		\$44,500	\$59,500.00
Engineering	\$15,000		\$15,000.00
Permits/Surveying	\$5,500		\$5,500.00
Road cutting, repairs, Permits	\$1,500		\$600.00
200'- 8" C-900 & Valving	\$15,000		\$10,000.00
Labor & Equipment	\$7,500		\$7,500.00
SOURCE CAPACITY PROJECT WELL 12 ESTIMATE-		\$1,096,000	\$1,484,000.00
 Total Assessment per Share (excluding interest for loan)		 \$137.00	
 Estimated Interest for Loan 4.5% at 5 years		 \$140,000	
Total Assessment per Share (including interest for loan)		\$154.50	

Sheep Creek Water Company
Source Capacity Project- Well #13

PROJECT ESTIMATE- WELL 13 APN 3066-181-26-0000

		Original Estimate-	Updated Estimate- 2022
Meetings, notifications administrative expenses		\$15,000	\$5,000.00
California Environmental Quality Act		\$40,000	\$5,000.00
Tom Dodson and Associates	\$27,000		
Notifications, Fees & Meetings	\$8,000		
Engineering- SWPPP	\$5,000		
Property purchase	\$50,000	\$65,000	\$0.00
Legal/Escrow Expenses	\$15,000		
Drill 1,500 foot 16" well with Ful-Flo Louver Casing		\$470,000	\$750,000.00
Well Development, test pump, pump foundation			
Submersible motor, pump, column pipe, cable, well head		\$150,000	\$225,000.00
Electrical equipment, conduit wiring		\$110,000	\$150,000.00
SCE Electrical Service & Meter Panels	\$40,000		\$60,000.00
VFD cabinet and control	\$45,000		\$60,000.00
Conduit, wiring, labor	\$25,000		\$30,000.00
Well Head & Site Work		\$50,000	\$74,500.00
Site Work- Concrete, Fencing, Housing, Protection	\$20,000		\$25,000.00
Pipe Work	\$25,000		\$40,000.00
Grading and dirt work	\$3,500		\$8,000.00
Environmental protection	\$1,500		\$1,500.00
Offsite pipeline upgrades		\$44,500	\$53,000.00
Engineering	\$15,000		\$15,000.00
Permits/Surveying	\$5,500		\$5,500.00
Road cutting, repairs, Permits	\$1,500		\$0.00
500'- 8" C-900 & Valving	\$15,000		\$25,000.00
Labor & Equipment	\$7,500		\$7,500.00
SOURCE CAPACITY PROJECT WELL 13 ESTIMATE-		\$944,500	\$1,262,500.00
 Total Assessment per Share (excluding interest for loan)		 \$118.06	
 Estimated Interest for Loan 4.5% at 5 years		 \$140,000	
Total Assessment per Share (including interest for loan)		\$135.56	

Sheep Creek Water Company
Source Capacity Project- Well #14

PROJECT ESTIMATE- WELL 14 APN 3066-381-22-0000

		Original Estimate-	Updated Estimate- 2022
Meetings, notifications administrative expenses		\$15,000	\$5,000.00
California Environmental Quality Act		\$40,000	\$40,000.00
Tom Dodson and Associates	\$27,000		
Notifications, Fees & Meetings	\$8,000		
Engineering- SWPPP	\$5,000		
Property purchase	\$100,000	\$115,000	
Legal/Escrow Expenses	\$15,000		
Drill 1,500 foot 16" well with Ful-Flo Louver Casing		\$470,000	\$750,000.00
Well Development, test pump, pump foundation			
Submersible motor, pump, column pipe, cable, well head		\$150,000	\$225,000.00
Electrical equipment, conduit wiring		\$110,000	\$150,000.00
SCE Electrical Service & Meter Panels	\$40,000		\$60,000.00
VFD cabinet and control	\$45,000		\$60,000.00
Conduit, wiring, labor	\$25,000		\$30,000.00
Well Head & Site Work		\$51,500	\$71,500.00
Site Work- Concrete, Fencing, Housing, Protection	\$20,000		\$25,000.00
Pipe Work	\$25,000		\$40,000.00
Grading and dirt work	\$5,000		\$5,000.00
Environmental protection	\$1,500		\$1,500.00
Offsite pipeline upgrades		\$44,500	\$75,000.00
Engineering	\$15,000		\$15,000.00
Permits/Surveying	\$5,500		\$5,500.00
Road cutting, repairs, Permits	\$1,500		\$4,500.00
850' - 8" C-900 & Valving	\$15,000		\$42,500.00
Labor & Equipment	\$7,500		\$7,500.00
SOURCE CAPACITY PROJECT WELL 14 ESTIMATE-		\$996,000	\$1,316,500.00
 Total Assessment per Share (excluding interest for loan)		 \$124.50	
 Estimated Interest for Loan 4.5% at 5 years		 \$140,000	
Total Assessment per Share (including interest for loan)		\$142.00	

Sheep Creek Water Company
Source Capacity Project- Well #15

PROJECT ESTIMATE- WELL 15 APN 3066-321-26-0000

	Original Estimate-	Updated Estimate- 2022
Meetings, notifications administrative expenses		\$5,000.00
California Environmental Quality Act		\$5,000.00
Tom Dodson and Associates		
Notifications, Fees & Meetings		
Engineering- SWPPP		
Property purchase		
Legal/Escrow Expenses		
Drill 1,500 foot 16" well with Ful-Flo Louver Casing	\$470,000	\$750,000.00
Well Development, test pump, pump foundation		
Submersible motor, pump, column pipe, cable, well head		\$225,000.00
Electrical equipment, conduit wiring		\$150,000.00
SCE Electrical Service & Meter Panels		\$60,000.00
VFD cabinet and control		\$60,000.00
Conduit, wiring, labor		\$30,000.00
Well Head & Site Work		\$87,500.00
Site Work- Concrete, Fencing, Housing, Protection		\$25,000.00
Pipe Work		\$40,000.00
Grading and dirt work		\$8,000.00
Environmental protection		\$1,500.00
Permits/Surveying		\$5,500.00
Labor & Equipment		\$7,500.00
SOURCE CAPACITY PROJECT WELL 15 ESTIMATE-		\$1,222,500.00

Total Assessment per Share (excluding interest for loan)

Estimated Interest for Loan 4.5% at 5 years

Total Assessment per Share (including interest for loan)

2022	Monthly Deposits									
	Total Usage	Tier 1 Usage	Tier 2 Usage	Tier 3 Usage	Total Well	Tier 2 & 3- \$1.46	Tier 3-\$2.00	Tier 3-\$1.13	System	Well 11 \$5.00
Month			Well 11	Overage	Maintenance	MWA Fees	Improvement	Assessment	Upgrade	Assessment
JAN	12,268.12	8,711.23	1,237.18	2,319.72	\$ 3,956.25	\$ 1,806.28	\$ 3,479.58	\$ 2,319.72	\$ 3,750.00	\$ 5,985.00
FEB		-	-	-	\$ -	\$ -	\$ -	\$ -		
MAR		-	-	-	\$ -	\$ -	\$ -	\$ -		
APR		-	-	-	\$ -	\$ -	\$ -	\$ -		
MAY		-	-	-	\$ -	\$ -	\$ -	\$ -		
JUNE		-	-	-	\$ -	\$ -	\$ -	\$ -		
JUL		-	-	-	\$ -	\$ -	\$ -	\$ -		
AUG		-	-	-	\$ -	\$ -	\$ -	\$ -		
SEP		-	-	-	\$ -	\$ -	\$ -	\$ -		
OCT		-	-	-	\$ -	\$ -	\$ -	\$ -		
NOV		-	-	-	\$ -	\$ -	\$ -	\$ -		
DEC		-	-	-	\$ -	\$ -	\$ -	\$ -		
TOTAL	12,268.12	8,711.23	1,237.18	2,319.72	3,956.25	1,806.28	3,479.58	2,319.72	3,750.00	5,985.00

\$ 4,355.61 \$ 4,280.63 \$ 14,660.63

Well Account

Capital Improvement Account

Assessment Account

System Upgrade Account

exce/Monthly Tier Rate Deposits

SHEEP CREEK WATER COMPANY

February 7, 2022

Well Number	Date	Year Well Drilled/ Serviced	Total Well Depth Ft	Pump Depth Ft	Static Level Ft	Pumping Level Ft	Water above Pump Pumping Ft	Water above Pump Static Ft	Draw Down	Yield Gallons per Foot	GPM 24 Hour Average	
	1/18/22											
2A	50hp	2011	725	505	276.31	290.17	214.83	228.69	14	24.03	333	57hz
3A	100hp	2002	500	460	277.51	293.68	166.32	182.49	16	19.67	318	47hz
4A	150hp	2004	500	440	289.85	310.64	129.36	150.15	21	10.92	227	47hz
5	40hp	2014	520	420	279.09	292.95	127.05	140.91	14	20.42	283	57.5hz
8	150hp	2004	480	440	319.88	338.36	101.64	120.12	18	16.40	303	55.5hz
11	150hp	2018	1480	1100	947	979	121	153	32	7.84	251	53hz
	1/24/22											1,715
2A	50hp	2011	725	505	276.31	290.17	214.83	228.69	14	24.03	333	57hz
3A	100hp	2002	500	460	282.13	293.68	166.32	177.87	12	27.53	318	47hz
4A	150hp	2004	500	440	289.85	310.64	129.36	150.15	21	10.92	227	47hz
5	40hp	2014	520	420	279.09	292.95	127.05	140.91	14	20.42	283	57.5hz
8	150hp	2004	480	440	319.88	338.36	101.64	120.12	18	16.40	303	55.5hz
11	150hp	2018	1480	1100	947	979	121	153	32	7.84	251	53hz
	1/31/22											1,715
2A	50hp	2011	725	505	276.31	290.17	214.83	228.69	14	24.03	333	57hz
3A	100hp	2002	500	460	279.82	293.68	166.32	180.18	14	22.94	318	47hz
4A	150hp	2004	500	440	289.85	310.64	129.36	150.15	21	10.92	227	47hz
5	40hp	2014	520	420	281.4	292.95	127.05	138.6	12	24.50	283	57.5hz
8	150hp	2004	480	440	322.19	338.36	101.64	117.81	16	18.74	303	55.5hz
11	150hp	2018	1480	1100	947	979	121	153	32	7.84	251	53hz
	2/7/22											1,715
2A	50hp	2011	725	505	274	287.86	217.14	231	14	22.29	309	57hz
3A	100hp	2002	500	460	279.82	289.06	170.94	180.18	9	35.71	330	47hz
4A	150hp	2004	500	440	289.85	310.64	129.36	150.15	21	10.92	227	47hz
5	40hp	2014	520	420	281.4	290.64	129.36	138.6	9	30.09	278	57.5hz
8	150hp	2004	480	440	319.88	333.74	106.26	120.12	14	22.44	311	55.5hz
11	150hp	2018	1480	1100	947	979	121	153	32	7.84	251	53hz
TUNNEL											140	
TOTAL PRODUCTION											1,846	

MSEXCEL/WEELDEPTH2022

DAILY PRODUCTION FOR JANUARY 2022 GALLONS

Date	WELL # 2A	WELL # 3A	WELL # 4A	WELL # 5	WELL # 8	WELL # 11	GPM	TUNNEL	TOTAL	CU.FT.	A.F.	GPM
1					199000		140	201600	400600	53556.15	1.2292	278
2					204000		140	201600	405600	54224.6	1.2446	282
3	16000			15000	272000		140	201600	504600	67459.89	1.5483	350
4					207000		140	201600	408600	54625.67	1.2538	284
5					194000		140	201600	395600	52887.7	1.2139	275
6					238000		140	201600	439600	58770.05	1.3489	305
7					233000		140	201600	434600	58101.6	1.3335	302
8					184000		140	201600	385600	51550.8	1.1832	268
9							140	201600	201600	26951.87	0.6186	140
10					204000		140	201600	405600	54224.6	1.2446	282
11					223000		140	201600	424600	56764.71	1.3029	295
12	40000	59000		34000	149000		140	201600	483600	64652.41	1.4839	336
13	7000	2000		1000	214000		140	201600	425600	56898.4	1.3059	296
14					210000		140	201600	411600	55026.74	1.263	286
15							140	201600	201600	26951.87	0.6186	140
16					262000		0	0	262000	35026.74	0.8039	182
17		152000			459000		0	0	611000	81684.49	1.8748	424
18		68000			294000		0	0	362000	48395.72	1.1108	251
19					267000		0	0	267000	35695.19	0.8193	185
20					386000		0	0	386000	51604.28	1.1844	268
21					465000		0	0	465000	62165.78	1.4268	323
22					321000		140	201600	522600	69866.31	1.6036	363
23					242000		140	201600	443600	59304.81	1.3612	308
24							140	201600	201600	26951.87	0.6186	140
25					351000		140	201600	552600	73877.01	1.6956	384
26					297000		140	201600	498600	66657.75	1.5299	346
27							140	201600	201600	26951.87	0.6186	140
28					264000		140	201600	465600	62245.99	1.4287	323
29					111000		140	201600	312600	41791.44	0.9592	217
30					269000		140	201600	470600	62914.44	1.444	327
31					235000		140	201600	436600	58368.98	1.3397	303
Ttl's	63000	281000	0	50000	6954000	0		5040000	12388000	1656150	38.012	

A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	Av.	mgd	mgd	cu.ft/day	afd
0.1933108	0.8622277	0	0.1534213	21.337834		0	113	0.162581	0.399613	53424.18	1.2262

A.F.
15.46487

PRODUCTION 5-YEAR RECAP

Reduction compared to 2021
Reduction compared to 2013

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	TOTAL	TOTAL
2022	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Tunnel	-32%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	5,022,000	671,390	15,41
Well # 2A	63,000	0	0	0	0	0	0	0	0	0	0	0	63,000	8,422	0.19
Well # 3A	281,000	0	0	0	0	0	0	0	0	0	0	0	281,000	37,567	0.86
Well # 4A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Well # 5	50,000	0	0	0	0	0	0	0	0	0	0	0	50,000	6,684	0.15
Well # 8	6,954,000	0	0	0	0	0	0	0	0	0	0	0	6,954,000	929,679	21.34
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL G	12,370,000	0	0	0	0	0	0	0	0	0	0	0	12,370,000	1,653,743	37.96
TOTAL CF	1,653,743	0	0	0	0	0	0	0	0	0	0	0	1,653,743	0	0.00
TOTAL AF	37,956	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	37,956	0.000	0.000
2021															
Tunnel	5,901,408	5,362,560	5,937,120	5,806,080	6,057,648	5,880,000	6,115,680	6,118,000	5,959,000	5,553,000	6,048,000	6,281,000	70,999,496	9,491,911	217.86
Well # 2A	22,000	29,000	17,000	4,431,000	7,276,000	6,564,000	6,493,000	7,358,000	7,188,000	980,000	45,000	20,000	40,423,000	5,404,144	124.03
Well # 3A	17,000	24,000	15,000	26,000	37,000	20,000	19,000	19,000	23,000	4,229,000	4,184,000	2,929,000	11,542,000	1,543,048	35.42
Well # 4A	12,000	23,000	17,000	29,000	38,000	19,000	17,000	14,000	15,000	12,000	0	0	196,000	26,203	0.60
Well # 5	16,000	26,000	15,000	25,000	5,777,000	5,854,000	5,793,000	6,498,000	6,255,000	869,000	44,000	17,000	31,189,000	4,169,652	95.70
Well # 8	6,375,000	5,345,000	6,820,000	6,312,000	738,000	19,000	24,000	18,000	21,000	5,113,000	3,956,000	3,368,000	38,109,000	5,094,786	116.93
Well # 11	11,400	12,100	4,800	5,900	21,900	3,511,300	4,987,100	2,328,400	903,100	17,800	0	0	11,803,800	1,578,048	36.22
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL G	12,354,808	10,821,660	12,825,920	16,634,980	19,945,548	21,867,300	23,448,780	22,353,400	20,364,100	16,773,800	14,277,000	12,595,000	204,262,296	27,307,794	626.76
TOTAL CF	1,651,712	1,446,746	1,714,695	2,223,928	2,668,517	2,923,436	3,134,864	2,988,422	2,722,473	2,242,487	1,908,690	1,083,824	1,083,824	0	0.00
TOTAL AF	37,910	33,205	39,355	51,043	61,201	67,098	71,951	68,590	62,486	51,469	43,808	38,647	38,647	0	0.00
2020															
Tunnel	5,481,792	5,087,000	5,428,224	5,313,600	5,671,000	5,652,000	5,954,000	5,954,976	5,754,240	5,896,944	5,702,400	5,914,800	67,810,976	9,065,639	208.07
Well # 2A	177,000	62,000	22,000	11,000	12,000	14,000	3,419,000	7,282,000	254,000	14,000	23,000	21,000	11,311,000	1,512,166	34.71
Well # 3A	0	1,245,000	4,863,000	5,480,000	9,107,000	5,025,000	15,000	25,000	6,825,000	6,401,000	4,177,000	2,480,000	45,643,000	6,102,005	140.05
Well # 4A	31,000	28,000	21,000	44,000	14,000	29,000	732,000	7,480,000	253,000	21,000	19,000	30,000	8,702,000	1,163,369	26.70
Well # 5	5,119,000	4,377,000	440,000	347,000	3,529,000	6,710,000	3,062,000	21,000	6,154,000	5,570,000	3,077,000	2,390,000	40,796,000	5,454,011	125.18
Well # 8	34,000	80,000	23,000	55,000	23,000	2,055,000	7,514,000	29,000	114,000	20,000	22,000	470,000	10,439,000	1,395,588	32.03
Well # 11	0	127,800	88,600	194,100	482,700	1,109,600	2,906,300	705,800	274,500	0	11,200	10,700	5,911,300	790,281	18.14
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL G	10,842,792	11,006,800	10,885,824	11,444,700	18,838,700	20,594,600	23,602,300	21,497,776	19,628,740	17,922,944	13,031,600	11,316,500	190,613,276	25,483,058	584.88
TOTAL CF	1,449,571	1,471,497	1,455,324	1,530,040	2,518,943	2,753,289	3,155,388	2,874,034	2,624,163	2,396,116	1,742,193	1,512,901	1,512,901	0	0.00
TOTAL AF	33,270	33,774	33,402	35,117	57,805	63,193	72,422	65,964	60,229	54,995	39,986	34,724	34,724	0	0.00
2019															
Tunnel	4,808,174	4,384,800	5,017,090	5,163,000	5,517,058	5,140,800	5,490,720	5,713,320	5,537,000	5,624,640	5,400,000	5,535,360	63,332,562	8,466,920	194.33
Well # 2A	10,000	41,000	2,784,000	3,817,000	3,943,000	5,499,000	5,628,000	2,863,000	150,000	3,281,000	1,076,000	870,000	29,962,000	4,005,615	91.94
Well # 3A	7,000	228,000	144,000	11,000	1,600	38,000	234,000	57,000	0	0	0	0	720,600	96,337	2.21
Well # 4A	6,000	211,000	132,000	11,000	7,000	27,000	35,000	15,000	57,000	22,000	10,000	15,000	548,000	73,262	1.68
Well # 5	2,928,000	2,285,000	2,278,000	3,881,000	3,637,000	4,746,000	6,006,000	6,506,000	5,055,000	6,346,000	2,102,000	3,173,000	48,943,000	6,543,182	150.18
Well # 8	3,122,000	2,612,000	6,000	12,000	76,000	310,000	58,000	2,865,000	4,922,000	1,695,000	3,445,000	1,134,000	20,257,000	2,708,155	62.16
Well # 11	250,600	267,200	322,500	663,600	988,800	2,385,700	2,281,300	2,739,700	2,481,500	456,100	44,800	0	12,881,800	1,722,166	39.53
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL G	11,131,774	10,029,000	10,683,590	13,558,600	14,170,458	18,146,500	19,733,020	20,759,620	18,202,500	17,424,740	12,077,800	10,727,360	176,644,962	23,615,637	542.02
TOTAL CF	1,488,205	1,340,715	1,428,287	1,812,647	1,894,446	2,426,003	2,638,104	2,775,350	2,433,489	53,467	1,614,679	1,434,139	1,434,139	0	0.00
TOTAL AF	34,157	30,773	32,782	41,604	43,481	55,681	60,549	63,699	55,853	53,467	37,060	32,916	32,916	0	0.00
2018															
Tunnel	5,870,088	5,204,909	5,674,190	5,425,987	5,583,000	5,362,000	5,450,000	5,395,000	5,150,736	5,272,877	5,070,989	5,159,000	64,630,776	8,640,478	198.31
Well # 2A	0	0	238,000	1,682,000	17,000	184,000	2,142,000	1,152,000	998,000	128,000	5,000	0	6,546,000	875,134	20.09
Well # 3A	0	0	11,000	157,000	1,147,000	665,000	10,000	6,000	0	0	0	0	1,996,000	266,845	6.12
Well # 4A	123,000	157,000	255,000	1,458,000	2,316,000	74,000	73,000	9,000	0	0	12,000	0	4,477,000	598,529	13.74
Well # 5	3,559,000	4,031,000	3,129,000	5,518,000	6,216,000	8,424,000	6,448,000	5,119,000	5,116,000	5,592,000	4,571,000	3,535,000	61,258,000	8,189,572	187.97
Well # 8	3,971,000	4,511,000	3,531,000	5,312,000	3,966,000	6,487,000	6,279,000	5,507,000	6,059,000	5,714,000	4,346,000	3,423,000	59,106,000	7,901,872	181.36
Well # 11	0	0	0	0	0	0	0	0	0	0	0	24,700	24,700	3,302	0.08
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0	5,525,000	738,636	16.95
TOTAL G	13,532,088	13,903,909	12,838,190	19,555,987	19,245,000	21,196,000	20,402,000	22,717,336	17,323,736	16,706,877	14,004,989	12,141,700	203,563,476	27,214,368	624.62
TOTAL CF	1,808,103	1,858,911	1,716,336	2,614,437	2,572,861	2,833,690	2,727,540	3,036,497	2,316,007	51,264	1,872,325	1,623,222	1,623,222	0	0.00
TOTAL AF	41,522	42,663	39,393	60,006	59,052	65,038	62,602	69,693	53,157	51,264	42,973	37,256	37,256	0	0.00

CONSUMPTION 10-YEAR

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	vs 2021
	-2%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	Reduction with 2013
2022														
Cons'n HCF	12,268	0	0	0	0	0	0	0	0	0	0	0	12,268	
Cons'n GPM	206	0	0	0	0	0	0	0	0	0	0	0	17	
Cons'n A.F.	28,164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28,164	
Ave GPDP	88,074,342	0	0	0	0	0	0	0	0	0	0	0	0	
2021														Reduction with 2013
Cons'n HCF	12,493	12,897	13,998	19,265	21,063	27,040	27,372	25,069	25,460	17,604	17,078	14,263	233,603	
Cons'n GPM	209	239	235	334	353	468	459	420	441	295	296	239	332	
Cons'n A.F.	28,680	29,607	32,136	44,227	48,354	62,074	62,838	57,551	58,448	40,414	39,205	32,744	536,279	
Ave GPDP	89,690,219	92,583,359	100,496,888	138,307,96	151,213,58	194,119,97	196,509,61	179,974,08	182,780,47	126,382,21	122,603,48	102,398,56	0	
2020														Reduction with 2013
Cons'n HCF	12,108	11,353	11,457	13,003	19,970	23,014	25,219	24,223	24,214	21,641	14,550	14,433	215,185	
Cons'n GPM	203	211	192	225	335	398	423	406	419	363	252	242	306	
Cons'n A.F.	27,795	26,062	26,302	29,850	45,846	52,833	57,894	55,608	55,588	49,681	33,403	33,133	493,996	
2019														Reduction with 2013
Cons'n HCF	12,481	10,980	10,327	16,381	17,288	19,469	24,323	24,572	21,868	19,744	13,907	12,940	204,279	
Cons'n GPM	209	204	173	284	290	337	408	412	379	331	241	217	290	
Cons'n A.F.	28,652	25,207	23,707	37,606	39,688	44,695	55,838	56,409	50,203	45,325	31,926	29,706	468,960	
2018														Reduction with 2013
Cons'n HCF	15,360	14,461	12,701	18,206	22,082	24,730	27,000	26,417	22,364	18,762	16,399	13,123	231,605	
Cons'n GPM	257	268	213	315	370	428	452	443	387	314	284	220	329	
Cons'n A.F.	35,262	33,198	29,157	41,796	50,692	56,772	61,983	60,646	51,341	43,072	37,647	30,126	531,693	
2017														Reduction with 2013
Cons'n HCF	11,121	10,088	15,275	20,758	24,151	25,786	26,112	30,311	22,165	21,963	19,912	15,588	243,231	
Cons'n GPM	186	187	256	359	405	446	438	508	384	368	345	261	345	
Cons'n A.F.	25,531	23,159	35,066	47,653	55,443	59,196	59,945	69,585	50,885	50,420	45,713	35,785	558,381	
2016														Reduction with 2013
Cons'n HCF	13,498	17,144	20,915	22,752	29,188	42,373	35,594	35,657	26,381	19,859	19,429	13,103	295,892	
Cons'n GPM	226	318	350	394	489	734	596	597	457	333	336	220	421	
Cons'n A.F.	30,986	39,356	48,014	52,232	67,007	97,274	81,712	81,857	60,561	45,589	44,604	30,081	679,274	
2015														Reduction with 2013
Cons'n HCF	15,686	15,711	20,472	29,631	26,759	30,807	30,067	31,370	33,365	25,346	18,042	17,975	295,231	
Cons'n GPM	263	291	343	513	448	533	504	526	578	425	312	301	420	
Cons'n A.F.	36,010	36,068	46,997	68,023	61,430	70,723	69,025	72,015	76,596	58,187	41,418	41,266	677,757	
2014														Reduction with 2013
Cons'n HCF	17,899	18,812	18,885	30,747	35,306	39,612	46,285	35,211	38,411	33,592	20,749	19,044	354,552	
Cons'n GPM	300	349	316	532	592	686	776	590	665	563	359	319	504	
Cons'n A.F.	41,091	43,187	43,353	70,585	81,051	90,937	106,256	80,833	88,180	77,117	47,632	43,719	813,941	
2013														Reduction with 2013
Cons'n HCF	17,965	15,582	20,215	30,811	36,733	38,221	44,989	43,058	36,655	30,752	19,423	16,096	350,501	
Cons'n GPM	301	289	339	533	616	662	754	721	635	515	336	270	498	
Cons'n A.F.	41,242	35,771	46,408	70,732	84,327	87,743	103,281	98,848	84,149	70,598	44,588	36,952	805	
													46,763,566	

AVERAGE GALLONS PER MINUTE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2022	-8%		-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	Compare 2021
Tunnel	140												
Well # 2A	309												
Well # 3A	330												
Well # 4A	227												
Well # 5	278												
Well # 6	311												
Well # 11	251												
TOTAL G	1,846	0	0	0	0	0	0	0	0	0	0	0	
2021	36%	13%	13%	4%	4%	2%	-7%	-14%	-10%	-8%	-7%	-8%	Compare 2020
Tunnel	132	133	133	134	136	136	137	137	138	138	140	140	
Well # 2A	333	345	313	310	315	336	333	327	318	311	313	333	
Well # 3A	329	308	313	310	315	317	288	295	295	306	325	318	
Well # 4A	300	348	354	345	315	317	258	212	227	227	227	227	
Well # 5	310	310	312	298	299	300	297	289	276	271	262	283	
Well # 6	351	393	396	393	378	352	333	273	282	284	289	303	
Well # 11	251	251	251	251	251	251	251	251	251	251	251	251	
TOTAL G	2,006	2,088	2,074	2,082	2,037	2,007	1,926	1,777	1,797	1,788	1,807	1,855	Compare 2019
2020	26%	43%	40%	56%	51%	53%	62%	50%	55%	48%	45%	36%	
Tunnel	123	122	122	123	127	131	133	133	133	132	132	133	
Well # 2A	250	279	262	306	286	292	344	339	336	333	319	333	
Well # 3A	0	318	324	327	318	311	311	321	321	333	323	329	
Well # 4A	272	292	250	319	292	302	372	350	332	269	288	300	
Well # 5	305	309	327	314	319	307	311	318	289	289	302	310	
Well # 6	270	284	295	367	367	367	348	322	333	333	333	350	
Well # 11	251	251	251	251	251	251	251	251	251	251	251	251	
TOTAL G	1,471	1,849	1,831	2,007	1,960	1,961	2,070	2,060	1,995	1,940	1,948	2,006	Compare 2018
2019	26%	-2%	0%	3%	13%	61%	155%	166%	155%	154%	70%	83%	
Tunnel	107	109	112	119	124	119	123	128	128	126	125	124	
Well # 2A	150	208	207	170	179	189	184	158	172	204	186	229	
Well # 3A	148	186	194	186	186	167	162	167	0	0	0	0	
Well # 4A	174	179	185	189	194	167	167	179	207	207	207	312	
Well # 5	155	188	170	173	165	197	196	231	270	283	290	299	
Well # 6	181	193	193	198	198	192	195	258	259	242	285	263	
Well # 11	251	251	251	251	251	251	251	251	251	251	251	251	
TOTAL G	1,166	1,294	1,312	1,286	1,297	1,282	1,278	1,372	1,287	1,313	1,344	1,478	Compare 2017
2018	-40%	-27%	-16%	-12%	-19%	-42%	-57%	-49%	-48%	-48%	-17%	-21%	
Tunnel	131	129	127	125	125	124	122	121	119	118	118	116	
Well # 2A	0	175	175	135	125	55	30	30	25	25	30	30	
Well # 3A	115	211	122	195	167	33	25	25	25	25	25	25	
Well # 4A	199	213	251	194	168	99	60	60	60	60	60	60	
Well # 5	286	289	297	279	274	278	124	119	124	128	138	147	
Well # 6	320	325	337	317	284	205	141	161	152	161	167	179	
Well # 11	0	0	0	0	0	0	0	0	0	0	251	251	
TOTAL G	1,051	1,317	1,309	1,245	1,143	794	502	516	505	517	789	808	
2017	-35%	-40%	-43%	-48%	-45%	-11%	66%	58%	17%	6%	-28%	-37%	
Tunnel	147	145	147	148	147	147	143	140	137	136	136	134	
Well # 2A	214	274	0	0	0	50	50	50	107	107	0	0	
Well # 3A	330	330	345	295	301	280	180	143	115	115	115	115	
Well # 4A	370	333	333	253	200	200	200	144	115	130	154	184	
Well # 5	353	372	372	355	353	353	290	257	238	244	258	275	
Well # 6	333	361	367	358	350	342	310	278	256	266	288	308	
TOTAL G	1,747	1,815	1,564	1,409	1,404	1,372	1,163	1,012	968	998	951	1,016	
2016													
Tunnel	184	182	177	176	170	168	165	162	159	157	154	150	
Well # 2A	381	500	559	534	468	213	44	38	38	45	111	167	
Well # 3A	537	646	635	630	610	225	28	31	90	114	183	286	
Well # 4A	659	729	556	478	439	153	94	52	132	157	267	333	
Well # 5	461	468	463	471	438	381	120	163	192	218	305	353	
Well # 6	458	476	438	433	444	365	194	163	217	254	297	326	
TOTAL G	2,680	3,001	2,723	2,727	2,569	1,545	699	640	828	945	1,317	1,615	

Pump Pulled 9-19

Pump Pulled 11-17

SHEEP CREEK WATER COMPANY

WELL #2A Monthly Water Levels / 2 years

FEET

0

100

200

300

400

500

600

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
WELL 2A S	267	269	260	265	267	279	276	290	288	283	281	274	276											
WELL 2A P	279	276	276	276	288	292	292	302	302	309	299	297	290											
PUMP DEPTH	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505

2021 / 2022

WELL 2A S WELL 2A P PUMP DEPTH

SHEEP CREEK WATER COMPANY

WELL #3A Monthly Water Levels / 2 years

FEET

0

50

100

150

200

250

300

350

400

450

500

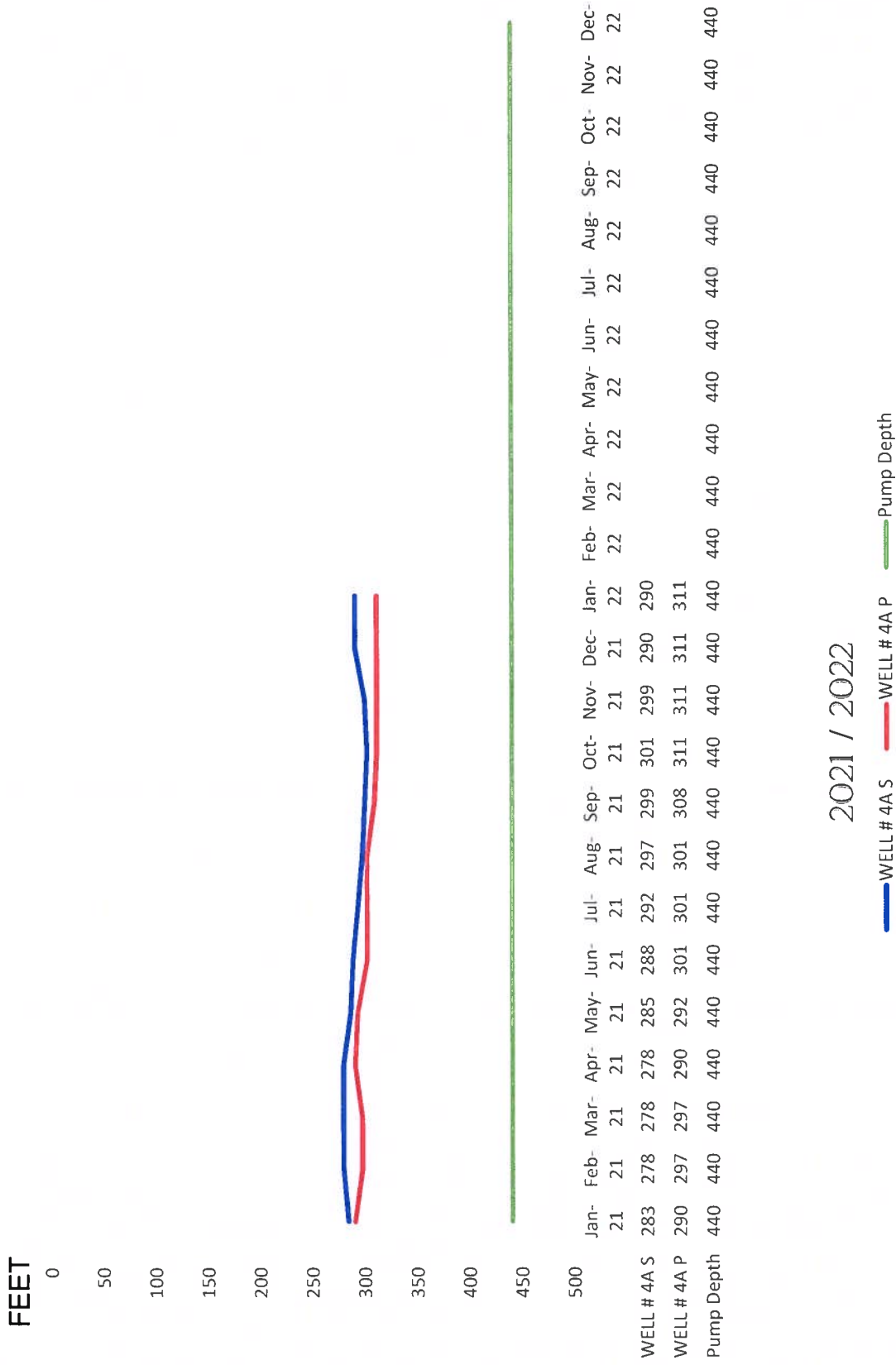


2021 / 2022

WELL # 3A S WELL # 3A P Pump Depth

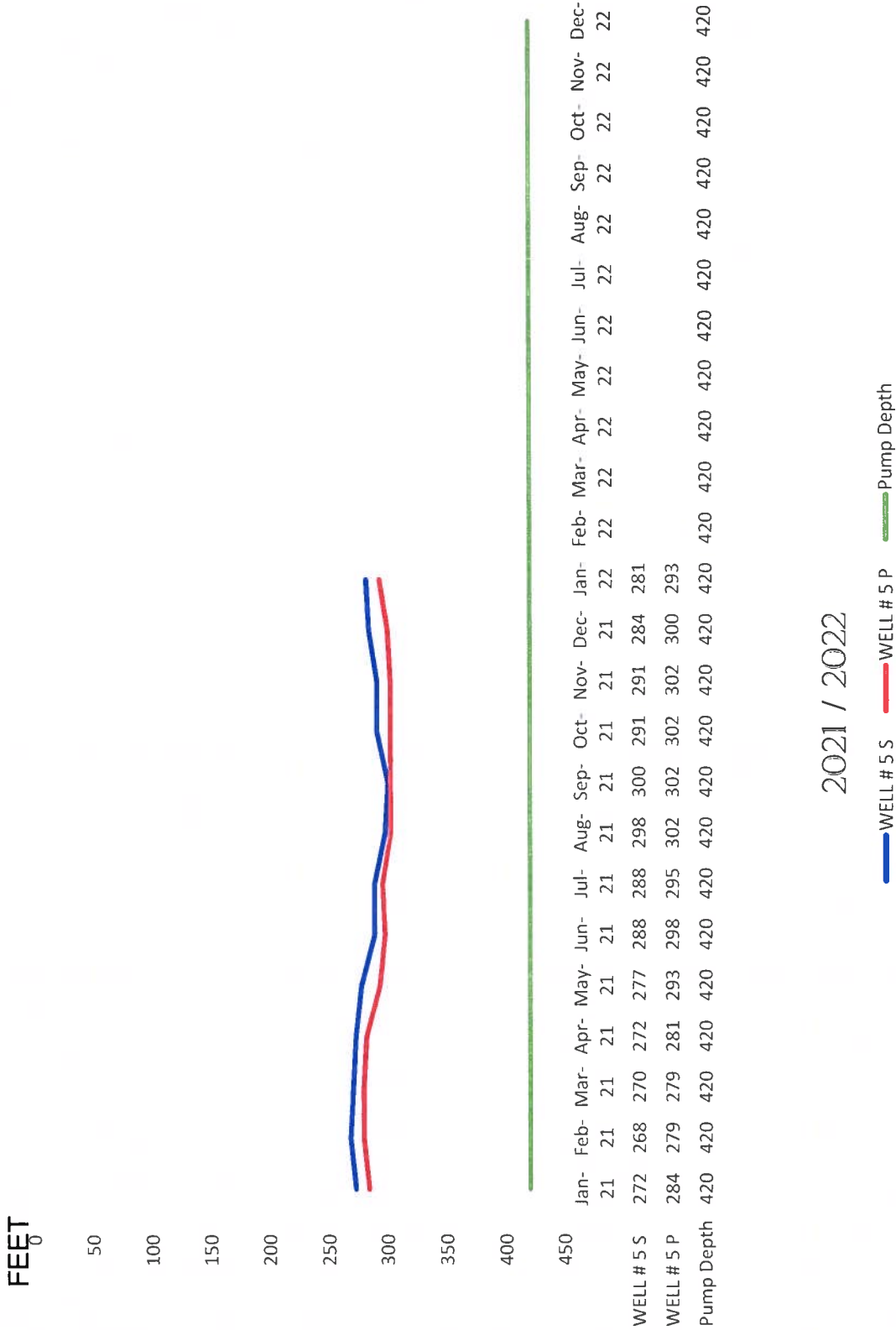
SHEEP CREEK WATER COMPANY

WELL #4A Monthly Water Levels / 2 years



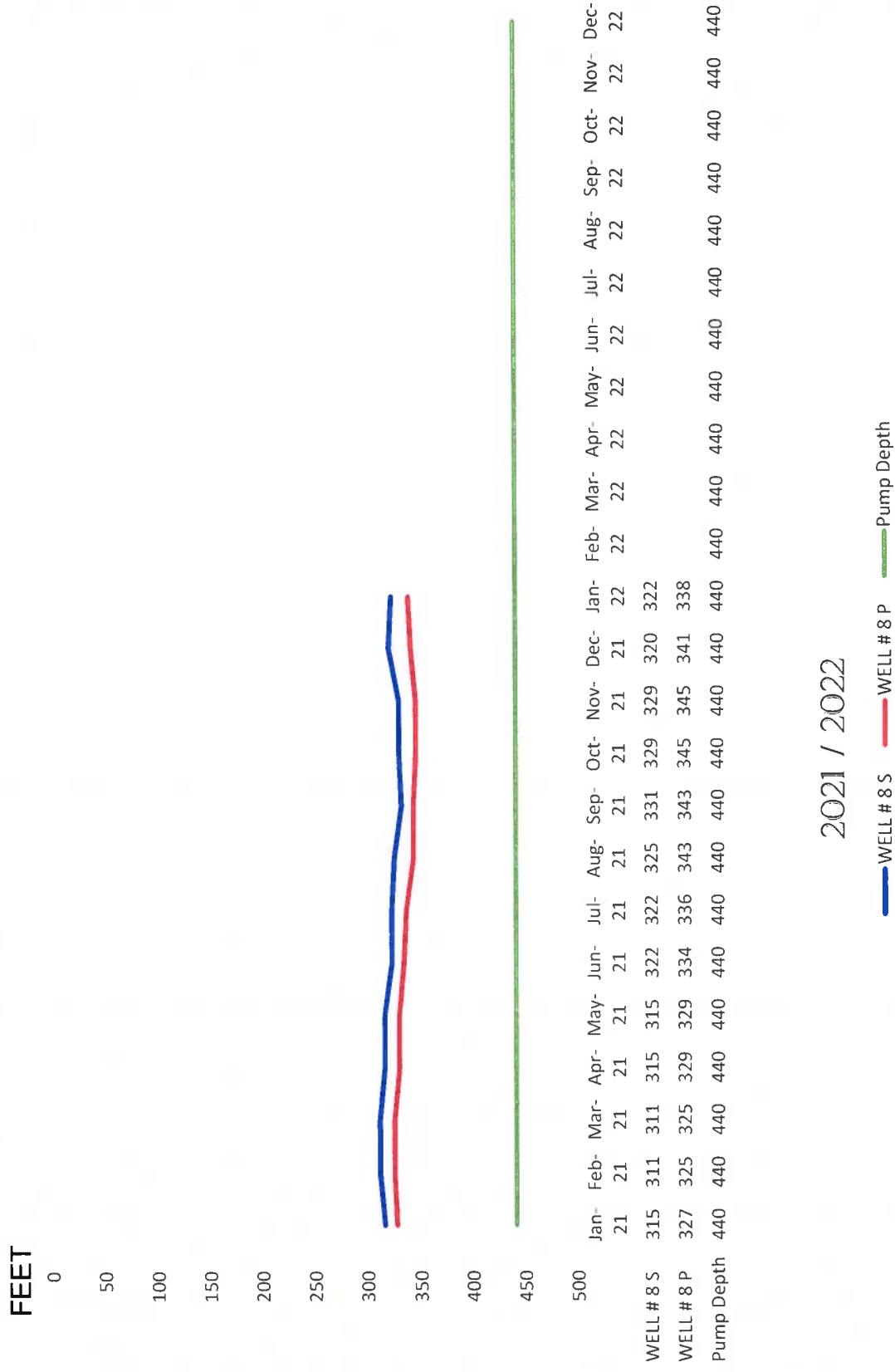
SHEEP CREEK WATER COMPANY

WELL #5 Monthly Water Levels / 2 years



SHEEP CREEK WATER COMPANY

WELL #8 Monthly Water Levels / 2 years



2021 / 2022

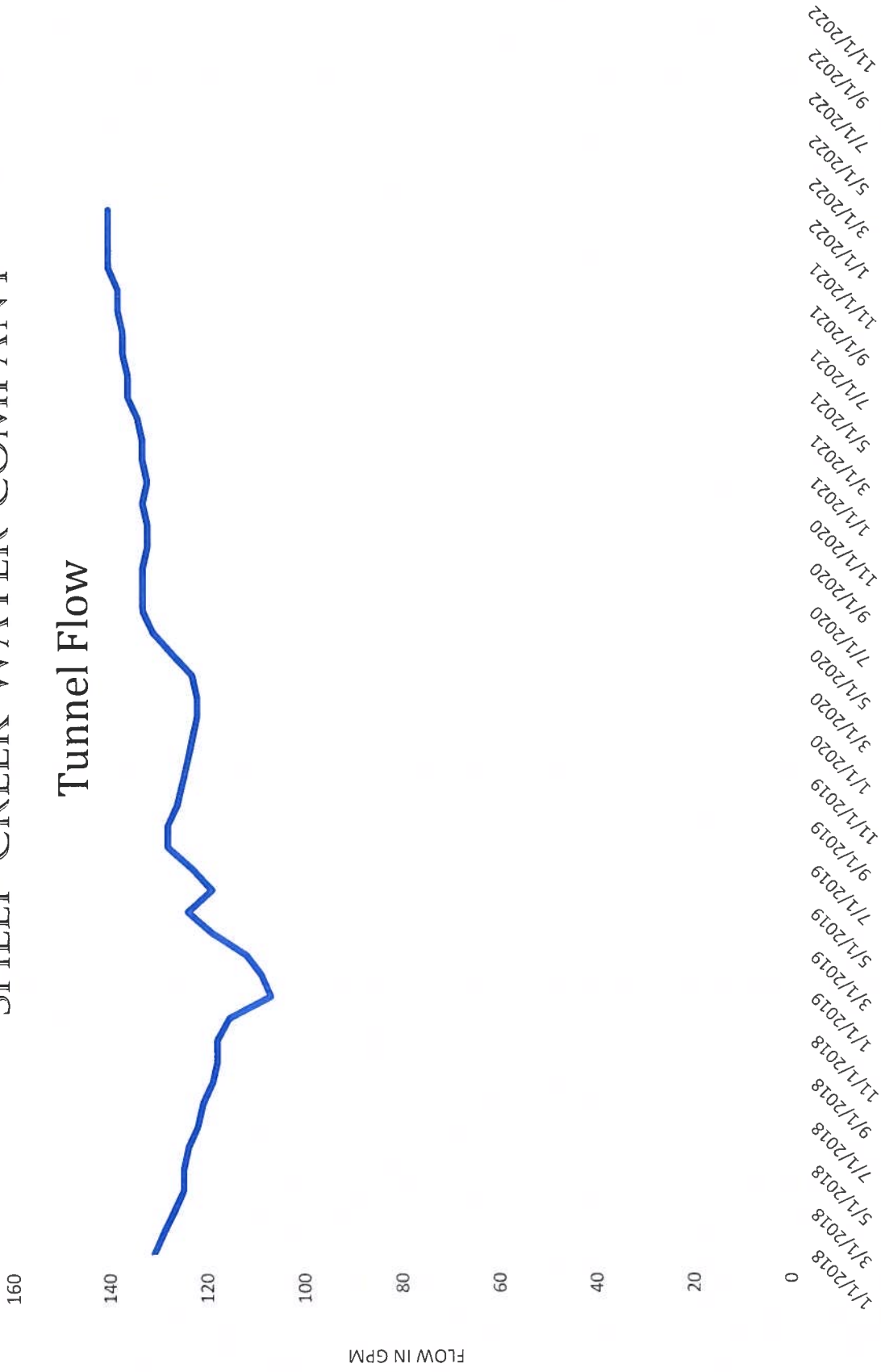
WELL #11 Monthly Water Levels / 2 years

Pump Depth

— Well 11 S — Well 11 P — Pump Depth

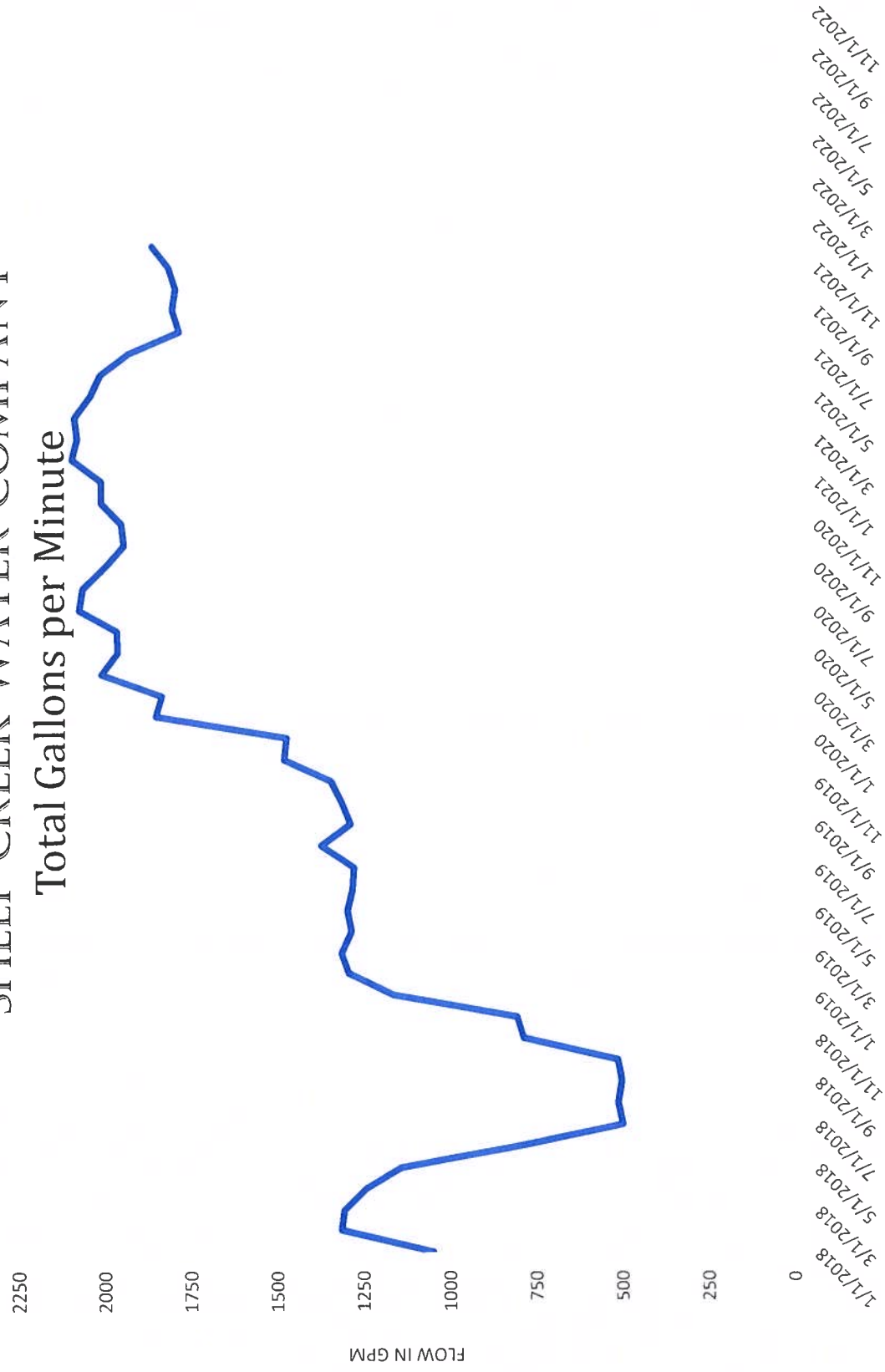
SHEEP CREEK WATER COMPANY

Tunnel Flow



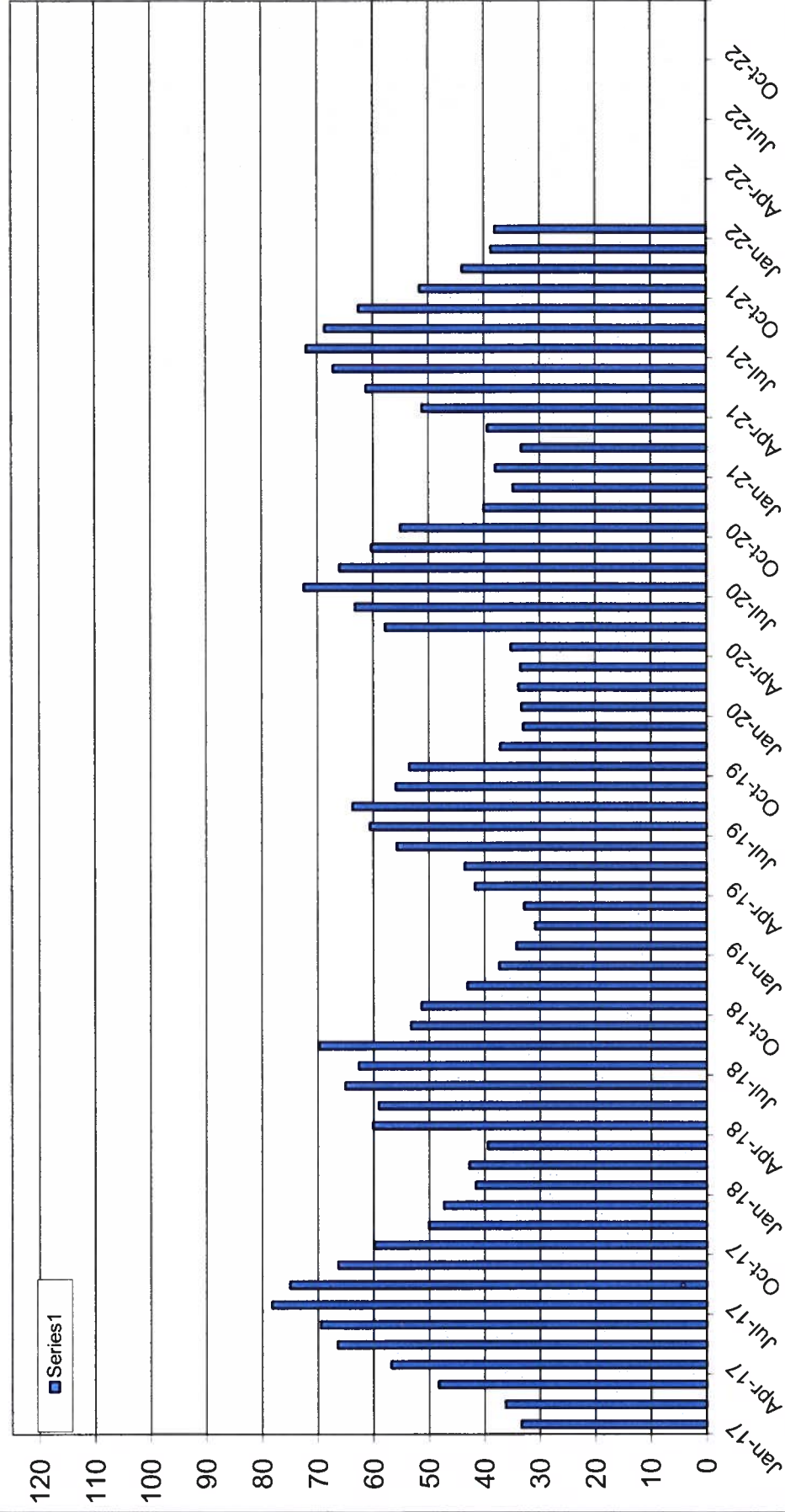
SHEEP CREEK WATER COMPANY

Total Gallons per Minute



SHEEP CREEK WATER COMPANY

WATER PRODUCTION ACRE FEET



2017- 2022