

***SHEEP CREEK WATER COMPANY
REGULAR BOARD OF DIRECTORS MEETING
September 20, 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/3906593621?pwd=MFIGQUtSRXNIVetXdHE4MXNKUWR0dz09>

Meeting ID: 390 659 3621

Passcode: 5tDqwX

One tap mobile

+16699006833,,3906593621#,,,,*438071# US (San Jose)

Dial-In

(669) 900-6833

Meeting ID: 390 659 3621

Passcode: 438071

AGENDA

- 1) **Open Meeting- 6:00 PM**
 - a. Flag Salute
 - b. Invocation
- 2) **Consent Motions**
 - a. Minutes:
 - i. *Regular Board of Directors Meeting- August 23, 2022*
 - b. Bills:
 - i. *July 19,2022 through August 16,2022*
 - 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. Inactive Meter Fee
- c. Tunnel Improvements

5) **New Business**

- a. HVAC Duct Cleaning
- b. Well Drilling/ Funding
- c. Yucca Terrace/ Johnson CEQA
- d. Wood Rodgers-Hydrogeology Services- 2 Municipal Wells

6) **Next Scheduled Meeting**

- a. October 18, 2022

7) **Closed Session**

- a. Employee Evaluations
- b. Bereavement Days
- c. Vacation Days

8) **Adjournment**

SHEEP CREEK WATER COMPANY
Regular Board of Directors Meeting
August 23, 2022 ~ 6:00 pm
Sheep Creek Water Company ~ Board of Directors Room
4200 Sunnyslope Rd., Phelan, CA 92329-1820

The Regular Board of Directors Meeting of August 22, 2022 was called to order at 6:03 pm by President Andy Zody. Luanne Uhl led in the Pledge of Allegiance and David Nilsen led in Prayer. Mr. Zody reminded everyone present, that the meeting was being recorded for the accuracy of the minutes. At this time, Mr. Zody asked for a moment of silence for Shareholder Bernice Nilsen and for good friend Santiago Rodriguez (Jimmy).

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

Staff Present: Joseph Tapia-General Manager and Therese Rodriguez-Manager's Assistant

Consent Motions:

Minutes – *Regular Board of Directors Meeting of August 23, 2022*

Bills – *Bills of August 23, 2022 through September 20, 2022*

Manager's Report – *August 23, 2022*

Luanne Uhl moved to approve the Consent Motions of August 23, 2022 as presented. David Nilsen 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 AB240, 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.*

Kellie Williams moved to close the office on Friday, September 2, 2022, so the employees of Sheep Creek can attend Bernice Nilsen's Memorial. Luanne Uhl seconded the motion. Motion carried. The Board agreed to close the office Friday, September 2, 2022 in honor of Bernice Nilsen's Memorial.

Old Business

a) ***System Upgrade*** – July Production was at 65.98 acre feet. July Usage was 50.893 acre feet. Well 2A, 3A, 5, and Well 8 all have dropped in comparison to last year at this time. There were no changes with Well 4A and Well 11. The Tunnel flow is currently averaging 143 gallons per minute.

b) ***Asbestos Pipe Removal***

There was a change in the price to have the asbestos pipe removed. The updated fee will be \$8,600. Luanne moved to accept the updated fee to have the asbestos pipe removed. Eric York seconded the motion. Motion carried.

c) ***Inactive Meter Fee***

Tabled

New Business

a) Director's Stipend – Kellie Williams moved to adjust and approve the Director's Stipend. Luanne Uhl seconded the motion. Motion carried.

b) Tunnel Repairs / Improvements: Tabled

c) Phelan Phun Days Sponsorship

Kellie Williams moved to donate \$500.00 to this year's *Phelan Phamily Phun Days*. Luanne Uhl seconded the motion. Motion carried.

d) Steinmann Property – Joseph Tapia reported that he has been working on CEQA. There are concerns about too many Joshua trees on the property. David Nilsen asked to add funding on the next meeting agenda for well drilling. Talk to water funder to see if they are able to find grants for Sheep Creek Water Company.

Next Scheduled Meeting - September 20, 2022

Adjournment: David Nilsen moved to adjourn the meeting. Kellie Williams seconded the motion. Motion carried. The Regular Board of Directors meeting of August 23, 2022 adjourned the meeting at 6:40 pm.

Closed Session

Respectfully Submitted,

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

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

September 20, 2022

PRODUCTION

- August Production- 64.79 AF; 2022 Year to Date Production- 412.51
- August Usage- 58.726 AF; 2022 Year to Date Consumption- 345.296

Well soundings, 2022:

- Static Water Levels compared August 2021 to August 2022:
 - Well 2A** static level is down 2.31 feet – Water Level 280.93’
 - Well 3A** static level is down 2.31 feet – Water Level 286.75’
 - Well 4A** static level had no change – Currently in Rehab
 - Well 5** static level is down 4.62 feet – Water Level 292.95’
 - Well 8** static level is down 6.93 feet – Water Level 326.81’
 - Well 11** static level had no change – Water Level 947’
- Tunnel** the Tunnel flow is currently averaging 142
- Well 2A running an average of 10.8 hours a day. Ran for 31 days.
- Well 3A running an average of 1.5 hours a day. Ran for 2 days
- Well 4A running an average of 0 hours a day. Ran for 0 days
- Well 5 running an average of 10.8 hours a day. Ran for 31 days.
- Well 8 running an average of 3 hours a day. Ran for 2 days
- Well 11 running an average of 9.4 hours a day. Ran for 31 days.
- Total pumping capacity as of August 31, 2022 is 1758 gpm.
- Current usage is averaging 617,000 gallons per day, 429 gallons per minute
- **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 \$8.32 per hcf**

Work Completed or in Progress-August 2022

- Work orders as office requests
- Well soundings – weekly
- Well samples- weekly
- 8 Meter upgrades
- 0 -Mainline leaks / 0- service line leaks
- Replaced Cla-Val vault on Phelan Rd and Campanula Rd.
- Replaced 2-2” Gate Valves on Pressure Reg 13
- Completed Lead & Copper Samples
- Special Samples- All Sources- Completed

Bella Air
PO BOX 721630
Pinon Hills, CA 92372
Tel (760)792-0680
Vmatbellaair@gmail.com
Nm.bellaair@gmail.com
www.bellaair.org



Sheep Creek Water

HVAC CLEANING PROPOSAL

July 28, 2022

Project: Sheep Creek Water.

Thank you for requesting a quote for the above referenced project. The following are included in our project scope:

Project Scope:

Bella Air Inc. shall provide all personnel, equipment, and materials for the removal of visible debris and contaminants from within the following Heating, Ventilating, and Air Conditioning (HVAC) systems/components all return and supply ducts, and antimicrobial fogging:

- To clean all return and supply duct/wash air registers.
- Bathroom exhaust grills.

General Conditions:

- All cleaning methods used will be per the current National Air Duct Cleaners Association (NADCA) Standards and will comply with all standards set forth.
 - Project will be supervised by NADCA Certified ASCS (Air Systems Cleaning Specialist).
 - Bella Air will work closely with Owner's representative to ensure occupant safety and minimize any disruption of the facilities' activities.
 - All work will be done by highly trained personnel.
 - Work will be performed during times suitable to client Mon –Friday day or evening shifts. (Weekend work is not included)
 - Existing HVAC systems will remain in working condition during the normal working week.
 - Vacuuming will be done using High Efficiency Particulate Arrestor (HEPA) filtered collection vacuums.
 - Ductwork will be cleaned under negative pressure.
 - Bella Air will take every precaution necessary to avoid cross contamination within the building spaces, i.e., cover desks, containment barriers, etc.
 - Subject to mutually agreeable contract or AIA standard form subcontract
-
- Price includes materials and wages based on Bella Air's supplemental Agreement for Duct Cleaning with Sheet Metal Workers' International Association Local Union 105.

General Specifications for Cleaning:

1. All furnishings and equipment will be protected with plastic while work is being performed.
2. The cleaning process shall include a thorough visual inspection of the interior of the system. Upon completion accessible interior surfaces will have been cleaned and free of visible dust and debris.
3. The work in progress shall be subject to random unannounced inspections by a representative of Client.

4. **Any mechanical problems discovered during the course of cleaning will be reported in writing within 24 hours to the project coordinator.**
5. All components cleaned within the project school shall achieve the level of visibly clean per NADCA standards. Visual inspection and Surface Comparison testing may be used to determine cleanliness.
6. Upon total completion of the project, representatives of Client will do a quality control inspection. Any area that does not meet the standards of these specifications shall be redone at no additional cost.
7. Electrical equipment, sensors and control devices shall be masked, or blocked off where required for protection from water or chemicals.

Cleaning of Supply/Return/Exhaust Ductwork:

1. All registers and diffusers shall be removed and cleaned with a mild detergent. Those that are not easily removed or accessible will be cleaned in place.
2. All ductwork (not accessible to personnel) shall be cleaned by compressed air, lightweight agitator head with compressed air, light brush agitation, or vibration agitation, or a combination of any of the above. All duct to be opened so the interior is as visible as possible.
3. Large ductwork shall be cleaned by manual brushing, or vibration agitation. All duct to be opened so as to visually observe the cleaning process.
4. All agitation of contaminants shall be accompanied by negative air pressure created by a negative air machine using a HEPA filter.
5. Access needed for proper cleaning shall be cut into rigid metal ducts at elbows and approximately every 15 feet. Holes shall be sized as appropriate to allow cleaning and visual inspection inside duct.
6. All flexible ducts shall be disconnected at joints and registers for cleaning. Flexible duct lengths of over 15 feet shall be cut at intervals not exceeding 15 feet.
7. All interior dampers and turning vanes shall be cleaned with a stiff bristle brush and then vacuumed.
8. All access holes made in ducts for cleaning purposes shall be sealed with galvanized sheet metal panels of the same or heavier gauge metal as the duct.
9. Panels shall be installed with duct sealant and screwed onto the duct at four inch maximum on center, all around as required to maintain an airtight seal.
10. All flexible ducts disconnected for the purpose of cleaning shall be reattached in the same manner as originally installed.

Hazardous Materials:

1. When asbestos or other hazardous materials are encountered Client will be notified immediately in writing.
2. Respiratory protectors shall be OSHA/NIOSH approved with HEPA cartridges, or cartridges designed for specific contaminants.
3. Material which is not approved by regulatory authorities will not be introduced onto the premises.

Materials:

1. All sheet metal access plates shall be of same type and gauge as existing duct work and shall be affixed with compatible screws.
2. All duct sealant shall be a water-based product and be specifically rated for sealing ductwork.
3. All chemicals shall be of type recommended by the manufacturer for use in air delivery systems, and be EPA approved for such application.

Exclusions:

1. Cleaning of HVAC units
2. Systems not listed in proposal
3. Remediation or removal of asbestos, lead, and mold
4. NADCA Vacuum Test
5. Air Balancing
6. IAQ Investigating and/or testing.
7. Any repairs such as broken ductwork, belts, actuators, dampers, etc.
8. Removal or Replacement of insulation
9. Encapsulation of fiberglass insulation

10. Demo/Ceiling Replacement/Ceiling Access
11. Duct sealing
12. Overtime, weekends, or holidays
13. Performance/Payment Bonds
14. Additional Insurance Coverage
15. Project Permits
16. Additional Drug Testing, Safety Training, Background Checks

Reports:

1. A post project report will be provided within 30 days of project completion. Such report will include photographic evidence of before and after conditions.

Project Cost: \$1,200.00

Due upon completion.

Price based on regular hours Mon-Fri

This proposal is valid for 60 days.

Acceptance:

This quotation is valid for 60 days from quotation date. Terms Net 15. Exclusions: (permits/fees, structural re-work and asbestos) Bella Air agrees to provide comprehensive general liability insurance covering Bella Air with a combined single limit of \$2 million, but only with respect to liability arising out of Bella Air operations as set forth above. In any event, Bella Air liability shall not exceed the proposal price set forth above. Customer shall indemnify, defend and hold Bella Air harmless from any claims, demands, liabilities, damages, actions and causes of action that concern, pertain or relate to the HVAC system and/or its installation and/or maintenance unless caused by the sole negligence or intentional misconduct of Bella Air. If any contract action is necessary to enforce or interpret the terms of this Proposal, once accepted, the prevailing party shall be entitled to reasonable attorneys' fees, costs and necessary disbursements in addition to any other relief to which the party may be entitled.

Accepted by: _____ Date: _____

Name: _____

Title: _____

Thank you for the opportunity to submit this quotation to you. Please feel free to give me a call if you have any questions concerning the work or price.

Sincerely,

Nakiesha Mariano

September 13, 2022

Mr. Joe Tapia, General Manager
Sheep Creek Water Company
P.O. Box 291820
Phelan, CA 92329

SUBJECT: Proposal for Technical Studies and CEQA Initial Study for Proposed New Well

Dear Joe:

This letter proposal is submitted in response your request for a Scope of Work and Cost to prepare environmental studies for use by the County of San Bernardino to issue a use permit for the drilling and operation of a new domestic water well. The well will be located on APN 3066-381-22, north of Yucca Terrace Drive in Phelan. Most of the surrounding land uses are residential or vacant land.

Lilburn Corporation is proposing to prepare a biological study and a cultural resources study to be incorporated into an Initial Study for CEQA compliance.

TASK 1: SITE VISIT/MEET WITH APPLICANT

The purpose of this task is to review and photo-document the current conditions of the Project Site and the surrounding land uses. This task also includes assembling all relevant plans and studies related to the proposed project. Following the site visit, Lilburn Corporation will meet with you and your representatives to review the Site Plan and the schedule for engineering studies to be completed.

TASK 2: PROJECT DESCRIPTION

We will prepare a project description using the information provided by you for use in the environmental studies to be prepared. The site design will need to be sufficient enough to develop a detailed project description and will need to be consistent with the Application submitted to the County. We will provide you with a draft and hold a conference call or meet to obtain comments and finalize the project description. Any subsequent changes to the design that result in the need to amend the project description or the technical studies may result in delays or cost amendments.

TASK 3: TECHNICAL STUDIES

Focused studies prepared by our team and by others for incorporation into the Initial Study for review by the County. Under subcontract to Lilburn Corporation Jennings Environmental, LLC will prepare a Biological Resources Assessment and Brian F. Smith and Associates, Inc. (BFSA) will prepare a Cultural Resources Study.

Task 3.1: Biological Resources Assessment

Jennings Environmental, LLC (Jennings) will conduct a general biological resources assessment for sensitive biological resources as well as a Jurisdictional Delineation of on-site drainages that may occur on-site and/or within the project vicinity. Jennings will conduct a data search and review of the following resources: Calflora, California Native Plant Society Inventory; the California Consortium of Herbaria; the Information, Planning, and Conservation System; the Biogeographic Information & Observation System; the California Natural Diversity Data Base, U.S. Fish and Wildlife Service threatened and endangered species occurrence overlay, topographic maps, and soil surveys. Other texts relevant to this area of the County of San Bernardino, and information from regional experts and previous studies for this area will also be reviewed.

Based on Jennings' initial database and aerial photo review, there are western Joshua trees on-site, a drainage, and it's in the known range for Mohave Ground Squirrel (MSG). Trapping for MSG may be necessary if suitable habitat is found on site. In reviewing the aerials for the site, it appears that there is a potential jurisdictional feature on-site. These are all protected resources that must be avoided during project construction.

Jennings will conduct a pedestrian field survey to cover 100 percent of suitable habitat on the Project Site and a standard 200-foot buffer area. The site will be reviewed to confirm the presence of both common and sensitive wildlife over 100% of the Project Site. These field observations will be augmented with existing information on wildlife and plant species known or expected to occur on or in the vicinity of the site.

The Jurisdictional Delineation (JD) will provide the technical information necessary to support CEQA/NEPA and the regulatory permit applications for project-related impacts to "waters of the United States" and "waters of the State". Our Regulatory Specialists will survey each drainage feature to: 1) photo document the up and downstream conditions at any crossing and record the habitats, sensitive resources and jurisdictional boundaries with GPS. This field work will provide the data necessary to visually depict any limits of "waters of the United States" and "waters of the State" relative to fill limits of each drainage crossing. Once the site visits are conducted and the project site baseline information is obtained, our jurisdictional delineation report will be prepared discussing on-site jurisdictional areas. Findings will document existing conditions and jurisdictional resources and regulatory approvals that may be required for impacts to these resources.

A native plant protection plan in accordance with San Bernardino County Development Code §88.01.060 Desert Native Plant Protection will be prepared. This Plan will address all native plant species covered under the Development Code. The Plan will also assess the health and transplant ability of each species. Additionally, we will overlay the site with the GPS location for each plant and determine if adjustments can be made to avoid impacts to native plant species. This will also address any Joshua Trees on-site, a "candidate for listing" under the CA Department of Fish and Game Code.

A Biological Resources Assessment report will be prepared based on the general biological field assessment and the requirements of the County and CEQA. The report will discuss the potential for the Project Site to support any sensitive species or habitat. Graphics will be included in the report showing the project site location and the location of any sensitive species and habitats identified. As noted above, the report may also include recommendations for further studies based on the findings of the field work that are not included in this Scope of Work. Findings will be incorporated into the Initial Study.

Task 3.2: Cultural Resources Investigation

A Cultural Resources Investigation will be prepared by Brian F. Smith & Associates (BFSA) under subcontract to Lilburn Corporation and will be prepared to comply with CEQA. BFSA will conduct research to address the history of the area and the potential for identifying prehistoric and/or historic cultural resources. Data will be obtained from the South Central Coastal Information Center at UC Riverside. Property history will be researched through the U.S. Bureau of Land Management General Land Office records, the San Bernardino County Archives, and local historical society information. The records search will include a one-mile radius around the project site. They will complete literature, archival, and cartographic research of relevant documents and publications pertaining to the prehistory and history of the study area.

BFSA will contact the Native American Heritage Commission to request a Sacred Lands File search and a list of Native American Tribes that may have interest in the Project Site. Upon receipt of the interested tribes list from the NAHC, project scoping letters will be sent to the tribes, apprising them of the proposed project and requesting their input. The data will be used for the County's completion of consultation required under AB 52.

BFSA will conduct a field survey of the project site. The field survey will be conducted in a manner necessary to assess the presence/absence of surficial evidence of cultural resources and/or paleontological specimens. If resources are identified, they will be recorded on the appropriate forms for submittal to the State. The final report will be prepared in compliance with State and County requirements and will include a detailed photographic record of the property. Findings will be incorporated into the CEQA Initial Study.

TASK 4: INITIAL STUDY & NOTICES

Lilburn Corporation will prepare an Initial Study for the Project, using the County's standard environmental checklist, with mitigation and supporting documentation as required. We will incorporate relevant and available information from the site visit conducted in Task 1, the technical studies prepared as described above, and any additional information that may be provided by the County.

Air Quality Analysis

Lilburn Corporation will evaluate air emissions associated with demolition, construction and operational activities for inclusion in the Initial Study. Based on the project description, and

estimated construction equipment and schedule, and the Traffic Impact Analysis, an emissions inventory for criteria pollutants will be prepared. We will provide an assessment of the estimated emissions as compared to the South Coast Air Quality Management District's (SCAQMD) CEQA significance thresholds (used for the Mojave Desert Air Basin) for the proposed project. The estimated emissions will be calculated using the SCAQMD computer model CalEEMod 2016.3.2. The inventory will be based on both construction and operation phases and will provide for the optimum schedules while not exceeding thresholds with mitigation incorporated.

Operational emissions for the proposed project will be evaluated, based upon trip generation projections provided as part of the traffic study. Peak hour trips will be used along with estimates of the types of trips generated and average travel speeds to estimate daily emissions generated by the project. In addition, emissions from other operational sources such as heaters, air conditioners, water heaters, consumer products, cargo handling equipment, and lawn care equipment will also be considered. The estimated emissions will be calculated using the SCAQMD computer model CalEEMod 2016.3.2.

A localized significance threshold (LST) analysis will be prepared as recommended by the South Coast Air Quality Management District (SCAQMD). The purpose of the analysis is to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of the project. SCAQMD provides guidance and methodology in reviewing project emissions to approved screening Tables.

Mitigation measures that are feasible to implement and that will reduce any potential impacts to the maximum extent possible will be identified and recommended. Lilburn Corporation will prepare an air quality report that incorporates the findings and all supporting calculations.

Greenhouse Gas (GHG) Analysis

An evaluation of applicable federal and state regulatory requirements (i.e., AB32, SCAQMD, CARB thresholds) will be performed to qualitatively discuss the effects of GHG emissions on regional air quality. Lilburn Corporation will evaluate applicable GHG emissions associated with heavy-duty construction equipment combustion that will likely occur during the various phases of construction. Data available from the project team and air quality analysis will be utilized in characterizing GHG-generating activities.

Any increase in applicable GHG emissions associated with long-term mobile source activity will be evaluated. Data available from the air quality analysis as well as the TIA will also be utilized in calculating the emissions inventory. The assessment will also include an emissions evaluation for short-term construction, long-term mobile source, and long-term stationary source activity and will consider project design, and mitigation measures that have the potential to reduce GHG emissions. The estimated emissions will be calculated using the SCAQMD computer model CalEEMod 2016.3.2. Lilburn Corporation will incorporate the findings into the Initial Study.

Based on the findings of all technical studies prepared and reviewed, and the information contained in the Project Description, we will prepare an Administrative Draft Initial Study to evaluate all potential environmental impacts associated with the proposed Project. The Initial Study will include mitigation measures for any identified significant or potentially significant impacts, and supporting documentation as required. We will incorporate relevant and available information from the site visit and the technical studies.

Lilburn Corporation will address all CEQA and County-required environmental resource areas. The technical studies' findings and recommendations will be summarized in a manner that responds to the checklist questions. We will also evaluate potential impacts in the areas of Aesthetics, Agriculture/Forestry, Energy, Geology & Soils, Hazards/Hazardous Materials, Hydrology/Water Quality, Land Use, Public Services, and Utilities. We may rely on information provided by you or your engineers to complete the analyses (e.g. Preliminary Water Quality Management Plan, Preliminary Geotechnical Investigation, utility requirements). Mitigation measures would be incorporated as necessary into the Initial Study to address potential impacts during the Project's construction phase.

We will assist Planning staff with identifying and/or refining any necessary mitigation measures that would result from the County's consultation with local Native American Tribes. We will prepare a Mitigation Monitoring and Reporting Program (MMRP) to include mitigation measures identified in the circulated Initial Study and in consideration of any public input. Mitigation Measures may be amended or supplemented to address any valid public comments received and the County's responses to comments.

Lilburn Corporation will submit the Administrative Initial Study electronically for the County's review. The County will then provide comments/revisions to Lilburn Corporation and make the determination whether an EIR is required. Assuming an EIR will not be required, and following completion of the review by staff, we will revise the document as necessary and prepare a final draft Initial Study. The County may conduct a final review before determining the document is ready to release for public review.

Notices and Circulation: Upon approval of the Initial Study, Lilburn Corporation will prepare notices for the County to conduct a 30-day public review. Our cost estimate includes the preparation of the Notice of Completion, Notice of Availability, and Notice of Intent. The County will be responsible for circulating the document via certified mail to the State Clearinghouse, responsible and trustee agencies, and other interested agencies/parties including Tribal Governments. The County will prepare and publish a legal notice in the newspaper of general circulation.

TASK 5: FINAL DOCUMENTS

Upon completion of the public review process, we will discuss any comments received with County staff and determine whether any comments warrant a written response. We will work with

County staff as necessary to prepare response letters if needed. If more than five letters are received requiring formal response, we will require an increase to the contract total.

We will prepare a Mitigation Monitoring and Reporting Program (MMRP) to include mitigation measures identified in the screen check Draft Initial Study and as a result of public input. Mitigation Measures may be amended or supplemented as a result of public comments received and County responses to comments.

TASK 6: PROJECT MANAGEMENT & MEETINGS

Throughout the project, coordination with the Applicant's representatives will be regularly initiated as well as any necessary communications with County staff, to discuss results of analyses, obtain additional information as necessary, resolve any contract administration issues, and provide schedule updates. We anticipate a need for one meeting with County staff in addition to the kick-off meeting, and regular conference calls.

At your direction, Lilburn Corporation would coordinate and attend meetings to discuss the project with elected officials of interested parties and permitting agencies. We will also attend one public hearing that we anticipate our attendance will be requested to assist staff in responding to any questions.


COST AND SCHEDULE

Lilburn Corporation proposes to prepare the studies described above for Thirty-Five Thousand Three Hundred Fifty Dollars (\$35,305.00). The cost for each task required is detailed in the attached spreadsheet.

A draft of the Initial Study could be completed within approximately 14 weeks after authorization and receipt of a Site Layout Plan.

Please call me with any questions or requests for clarification.

Sincerely,



Cheryl A. Tubbs
Vice President

**Technical Studies and CEQA Documents
SHEEP CREEK WATER COMPANY NEW WATER WELL**

TASKS	COST CATEGORY	LABOR						TOTAL ESTIMATED COSTS
		Principal Project Director \$225/hr.	Project Manager/Sr. Analyst \$180/hr.	Environ. Analyst \$98/hr.	Document Manager \$123/hr.	Labor Subtotal		Other Direct Costs/Subconsult ants
						Hours	Costs	
Task 1: Site Visit/Data Collection		2		8		10	\$1,234	\$50 ^a
Task 2: Project Description/Exhibits		2		2		4	\$646	
Task 3.1: Biological Resources Assessment		2				2	\$450	\$5,586 ^b
Task 3.2: Cultural Resources Assessment		1				1	\$225	\$3,500 ^b
Task 4: Initial Study (2 versions) and Public Notices		4	18	142	4	168	\$18,548	
Task 5: Responses to Comments, Final Documents, MMRP		2	8		2	12	\$2,136	
Task 6: Project Management, Conference Calls, Attend One Hearing		8	6			14	\$2,880	\$50 ^a
TOTAL TASKS		21	32	152	6	211	\$26,119	\$9,186
								\$35,305

^a Mileage

^b Subconsultants (at cost)



August 26, 2022

Mr. Joe Tapia
General Manager
Sheep Creek Water Company
4200 Sunnyslope Road
Phelan, CA 92329

Dear Mr. Tapia:

**Subject: Sheep Creek Water Company – Hydrogeology Services for Design
Recommendations of Two Municipal Wells**

Wood Rodgers, Inc. (Wood Rodgers) is pleased to provide the Sheep Creek Water Company with this Scope of Work to provide hydrogeologic services for the design recommendations of two municipal wells (Project). Sheep Creek Water Company has identified three locations, Well Sites 12, 13, and 16, as potential well sites. The two preferred locations are Well Sites 13 and 16, with Well Site 12 as an alternate. Each potential site is located within Phelan, California. Well Site 13 is located approximately 1,355 feet northeast of the intersection of Beekley Road and Nielson Road, and Well Site 16 is located within the property bounds of the Sheep Creek Water Company's office located at 4200 Sunnyslope Road. The alternate site, Well Site 12, is located approximately 390 feet north of the Piñon Mesa Middle School.

Sheep Creek Water Company has contracted with the Layne Christensen Company (Layne) located in Redlands, California to drill two municipal wells at two of the identified sites. Layne is under contract to drill and construct both wells to a total depth of 1,500 feet below ground surface (bgs) with a target capacity of 250 gallons per minute (gpm) each. The proposed well structures will consist of 16-inch blank well casing that reduces to a diameter of 14-inch mild steel louvered well screen, with multiple screen intervals between 870 and 1,460 feet bgs. Dependent on hydrologic conditions, static groundwater levels have been documented to fluctuate between 600 to 950 feet bgs within the Fremont Valley Groundwater Basin.

Wood Rodgers will provide Sheep Creek Water Company with our recommendations on two final well designs based on data gathered from the groundwater basin, the classifications of lithology from each borehole, the results of the geophysical suite, and mechanical grading analyses.

Wood Rodgers' proposed Scope of Work for this Project is outlined below.

SCOPE OF WORK

Task 1 – Data and Research

\$6,430

Wood Rodgers will compile and review publicly-available hydrogeologic data and reports of the Freemont Valley Groundwater Basin. These reports will include published geologic reports and maps, fault studies, groundwater conditions, and data from adjacent wells including nearby Sheep Creek Water Company wells. Additionally, the following information will be reviewed: land use data; the potential for/of groundwater contamination from the State of California GeoTracker and EnviroStor online databases; and floodplain data provided by the Federal Emergency Management Agency (FEMA) as it pertains to mapped potential for flooding.

***Deliverables:** Request for Information (PDF)*

Task 2 – Review and Classify Borehole Data

\$7,604

Wood Rodgers will provide a staff geologist (working under direct supervision of a Professional Geologist [PG]) to classify the lithology, review the drilling stem tally and the final drilling fluid parameters. It is anticipated that Layne will collect composite formation cuttings, collected at 10-foot intervals, and Wood Rodgers will classify them using the United Soils Classification System (USCS).

Following geophysical logging of each borehole, Wood Rodgers will review and interpret the data acquired. Wood Rodgers' Certified Hydrogeologist (CHG) and PG will review the geophysical suite and the pilot borehole lithology to identify the potential target aquifer intervals for the completed well.

After review of the lithology and geophysical suite, Wood Rodgers' PG will select up to seven (7) formation samples for mechanical grain size (i.e.: sieve) analysis. The samples will be evaluated using established industry protocol to identify an appropriate gravel envelope design. The results of the analyses, along with knowledge of the regional aquifer characteristics, will be used as a basis for preparing the custom gravel envelope and well screen design.

Task 3 – Well Design Recommendation Letters

\$8,000

Using the data obtained and reviewed from each borehole, Wood Rodgers will prepare well designs for each location with a target design capacity of 250 gpm. Each well design will include an appropriate gravel envelope gradation, well screen aperture and annular seal depth. A properly designed gravel envelope will control the production of formation sand while allowing groundwater to enter the well structure as efficiently as possible. Proper design of the gravel envelope can be accomplished through conformance with established criteria, as well as appropriate uniformity coefficients and pack-to-aquifer ratios. Once an appropriate gravel envelope gradation has been designed to complement the formation materials, an aperture size will be selected to retain the gravel envelope material.

The location of the well screen interval(s), annular seal, and well appurtenances will be selected based on borehole lithology, geophysical logs, and historical groundwater

fluctuations. The lateral positioning of ancillary piping at the ground surface will be designed to complement the anticipated wellhead design to not interfere with pumping and conveyance equipment. Recommendations will also be provided regarding the suitability of borehole and casing depths and diameters, as well as the well construction materials to be used. The well designs will be submitted to Sheep Creek Water Company in draft and final letter format for discussion prior to implementation of each well.

Deliverables: Draft and Final Well Design Recommendation Letters (Adobe PDF)

PROJECT COST

The total estimated cost to provide the hydrogeologic services described above is \$22,034 (see **Table 1**, attached). All work is proposed to be performed on a Time-and-Materials basis, not to exceed the total proposed amount without prior written authorization from the Sheep Creek Water Company. All billing will be made in accordance with the enclosed Wood Rodgers Invoicing, Payments & Liability Policies (**Exhibit A**), Wood Rodgers' 2022 Schedule of Fees (**Exhibit B**), and Wood Rodgers' Special Conditions (**Exhibit C**).

Upon receiving authorization from Sheep Creek Water Company, Wood Rodgers is prepared to immediately begin work on this Project.

To authorize this work, please return a signed copy of this agreement to Wood Rodgers.

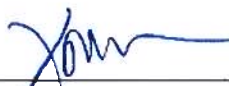
We look forward to working with the Sheep Creek Water Company to support the design of two municipal wells. If you have any questions or require additional information, please feel free to call me at (916) 326-5368.

Sincerely,
TERMS:

IN AGREEMENT WITH THE ABOVE

Wood Rodgers, Inc.

Sheep Creek Water Company


Jonathan Kors, PE
Vice President

By _____


Sean J. Spaeth, PG, CHG
Associate Hydrogeologist

Name _____

Title _____

Date _____



TABLE 1
SUMMARY OF COSTS BY TASK

Client	Sheep Creek Water Company	Date	8/25/2022		
Project Name	Design Recommend. for Two New Wells	Job Number			
		Estimate By	JPS		
Tasks		<i>Labor</i>	<i>Direct Expenses</i>	<i>Outside Services</i>	<i>Total for Task</i>
	1 - Data and Rsearch	\$6,430	\$0	\$0	\$ 6,430
	2 - Review and Classify Borehole Data	\$7,190	\$414	\$0	\$ 7,604
	3 - Well Design Recommendation Letters	\$8,000	\$0	\$0	\$ 8,000
<i>Subtotal:</i>		\$21,620	\$414	\$0	
		TOTAL			\$22,034

EXHIBIT A



INVOICING, PAYMENT & LIABILITY POLICIES

1. "Reimbursable expenses", including, but not limited to, mileage, blueprints, and reproduction are included in proposal costs.
2. Invoices are submitted monthly by Wood Rodgers, Inc. Client shall notify Wood Rodgers, Inc. in writing of any and all objections, if any, to an invoice within thirty (30) days of the invoice date. Otherwise, the invoice shall be deemed proper and accepted by the Client. Amounts invoiced are due and payable upon receipt. Client's account shall be considered delinquent if Wood Rodgers, Inc. does not receive full payment within forty-five (45) days after the invoice date.
3. A service charge shall be applied to delinquent accounts at the rate of 1.5% per month. Payment thereafter shall be applied first to accrued interest and then to unpaid principal. Client shall pay all costs and expenses, including without limitation, reasonable attorney's fees, incurred by Wood Rodgers, Inc. in connection with collection of delinquent accounts of Client.
4. If a delinquency occurs, Wood Rodgers, Inc. may choose to suspend work upon ten (10) days written notice to Client. Wood Rodgers, Inc. shall recommence work once such delinquency is completely cured and any and all attendant collection costs, fees, or other amounts required to be paid by Client under this contract are paid in full. If a delinquency by Client occurs and Wood Rodgers, Inc. chooses not to suspend work, no waiver or estoppel shall be implied. Client agrees and understands that if Wood Rodgers, Inc. suspends its work pursuant to this paragraph, Wood Rodgers, Inc. shall not be liable for any costs or damages, including but not limited to delay and consequential damages, to the Client, other owner of the property where such work is being performed, or any other third party, that may arise from or be related to such work suspension. Client agrees to indemnify and hold Wood Rodgers, Inc. harmless from and against any and all damages, costs, attorney's fees, and/or other expenses which Wood Rodgers, Inc. may incur as a result of any claim by any person or entity arising out of such suspension of work.
5. When non-standard billing is requested by Client, time spent by office administrative personnel in preparation of such billing shall be considered an extra cost to the project and shall be billed as such.
6. In providing services under this Agreement, Wood Rodgers, Inc. will endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.
7. Client and Wood Rodgers, Inc. recognize the risks, rewards, and benefits of the project and Wood Rodgers, Inc. total fee for services. The risks have been allocated such that Client and Wood Rodgers, Inc. agrees that, to the fullest extent permitted by law, the total liability of Wood Rodgers, Inc. to Client and to all construction contractors and subcontractors on the project for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this agreement from any cause or causes shall not exceed the total aggregate liability of \$22,034. Such causes include but are not limited to Wood Rodgers, Inc. negligence, errors, omissions, strict liability, and breach of contract and breach of warranty.
8. This agreement and the applicable Services Authorization & Agreement or Proposal/Contract constitute the entire agreement between the parties and there are no conditions, agreements or representations between the parties except as expressed in said documents. It is not the intent of the parties to this agreement to form a partnership or joint venture.

EXHIBIT B



SAN DIMAS FEE SCHEDULE
Effective July 1, 2022

CLASSIFICATION	STANDARD RATE
Principal Engineer/Geologist/Surveyor/Planner/GIS/LA* II	\$275
Principal Engineer/Geologist/Surveyor/Planner/GIS/LA* I	\$245
Senior Engineer/Geologist/Surveyor/Planner/GIS/LA* II	\$225
Senior Engineer/Geologist/Surveyor/Planner/GIS/LA* I	\$215
Project Engineer/Geologist/Surveyor/Planner/GIS/LA* II	\$205
Project Engineer/Geologist/Surveyor/Planner/GIS/LA* I	\$195
Engineer/Geologist/Surveyor/Planner/GIS/LA* II	\$185
Engineer/Geologist/Surveyor/Planner/GIS/LA* I	\$170
Assistant Engineer/Geologist/Surveyor/Planner/GIS/LA*	\$135
Senior CAD Technician/Graphics Designer II	\$90
Senior CAD Technician/Graphics Designer I	\$170
CAD Technician/Graphics Designer	\$150
Project Coordinator	\$135
Administrative Assistant	\$150
Consultants, Outside Services, Materials & Direct Charges	\$115
Overtime Work, Expert Witness Testimony and Preparation	Cost Plus 10%

*LA = Landscape Architect

Auto mileage will be charged at the IRS standard rate, currently 62.5 cents per mile.

Fee Schedule subject to change January 1, 2023.

EXHIBIT C

SPECIAL CONDITIONS

1. Any scope of work completed after December 31, 2022 will be subject to cost of living increases.
2. This scope of work does not include NPDES permitting or monitoring. It is assumed that all water will be discharged on the owner's property, and consequently no NPDES permitting or monitoring would be required. If NPDES permitting or monitoring is required, Wood Rodgers would provide a separate scope of work and cost estimate to provide these services.
3. Client understands that the time & materials estimated costs provided herein are estimates only, that our work will be performed on a time & materials basis, and that various line items included herein may be either exceeded or reduced by actual billing.
4. Any cost estimates prepared represent preliminary amounts that are subject to change. Wood Rodgers, Inc. will not assume responsibility for the use of these costs in budget analysis or be held liable for potential development cost increases associated with the development of this project.
5. Wood Rodgers, Inc. shall maintain the following insurance for this project:
 - Commercial general liability insurance with limit of no less than \$1,000,000 per occurrence and \$2,000,000 general aggregate.
 - Workers compensation and employer's liability insurance as required by law with employer's liability limits no less than \$1,000,000 per accident or disease.
 - Auto liability insurance with a limit of no less than \$1,000,000 per accident.
 - Professional liability insurance with a limit of no less than \$1,000,000 per claim.

From: Ty.Mull@gcinc.com,
To: sheepcreek@verizon.net,
Subject: Sheep Creek Water Company - Hydrogeology Services for Design Recommendations of Wells From Wood Rogers
Date: Fri, Aug 26, 2022 4:17 pm
Attachments: Sheep_Creek_Water_Company_Proposal_20220826.pdf (612K),

Good Evening Joel,

I know this proposal missed your board meeting date on Tuesday, but the hydrogeologist was tied up all last week on some other projects. Please find a quote from Wood Rogers Inc. to perform the following services:

Data and Research	- \$6,400
Review and Classify Borehole Data	- \$7,600
<u>Well Design Recommendation Letters</u>	<u>- \$8,000</u>
Grand Total	- \$22,000

While I know you guys are on a tight budget, I highly recommend you hire these folks to perform the borehole classification and final well design. Between the geophysical logging and their analysis of the cuttings we will have a better chance of maximizing the flow from the two wells.

I am going to let you review this proposal then reach out to the geologist Josh directly to discuss. He can give you answer to all the details that the above items entail. His contact information is at the end of this email.

Hope you have a great weekend!

Thank you!

Ty Mull

**Account Manager
Western Region**

SHEEP CREEK WATER COMPANY
MONTHLY METER BILLING

MONTH OF: ***August 2022***

DATE BILLED: 9/6/2022

ALLOTMENT: 750/150 **ACTIVE METERS:** 1200

TOTAL WATER SOLD: 25,581 x 748 19,134,588 Gallons

ASSESSMENT PAYMENTS: 0.00

MONTHLY USAGE: 20,203.27

OVERAGES: 67,670.92

TOTAL BASE RATE 71,940.00

STOCK TRANSFERS: 162.00

CONNECTION FEES: 120.00

LOST CERTIFICATE FEES: 45.00

OTHER FEES: 800.00

RETURN CHECKS: 0.00

CONSTRUCTION METERS: 0.00

TOTAL: **160,941.19**

MONTHLY DEPOSITS: **(44,677.64)**

Well Maint	9,353.41
MWA Fees	5,624.23
Tier 3 - Cap Improv	11,970.00
Tier 3 - Assessment	7,980.00
System Upgrade	3,750.00
Well 11 - \$5.00 Base	6,000.00

TOTAL	116,263.55	Jun-22	44,677.64
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Monthly Deposits

2022	Total Usage	Tier 1 Usage	Tier 2 Usage Well 11	Tier 3 Usage Overage	Total Well Maintenance	Tier 2 & 3- \$1.46 MWA Fees	Tier 3-\$1.50 Improvement	Tier 3-\$1.00 Assessment	System Upgrade	Well 11 \$5.00 Assessment
Month	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
JAN	12,858.44	9,326.26	1,255.44	2,276.74	\$ 4,097.66	\$ 1,832.94	\$ 3,415.11	\$ 2,276.74	\$ 3,750.00	\$ 5,980.00
MAR	15,510.89	10,785.38	1,750.00	2,975.51	\$ 5,059.10	\$ 2,555.00	\$ 4,463.27	\$ 2,975.51	\$ 3,750.00	\$ 5,975.00
APR	17,554.63	11,270.19	2,518.67	3,765.77	\$ 5,959.77	\$ 3,677.26	\$ 5,648.66	\$ 3,765.77	\$ 3,750.00	\$ 5,990.00
MAY	20,711.86	12,890.09	2,986.45	4,835.32	\$ 7,133.41	\$ 4,360.22	\$ 7,252.98	\$ 4,835.32	\$ 3,750.00	\$ 6,005.00
JUNE	23,764.90	15,527.14	3,297.76	4,940.00	\$ 8,000.67	\$ 4,814.73	\$ 7,410.00	\$ 4,940.00	\$ 3,750.00	\$ 6,010.00
JUL	22,170.85	15,368.76	3,042.09	3,760.00	\$ 7,243.24	\$ 4,441.45	\$ 5,640.00	\$ 3,760.00	\$ 3,750.00	\$ 6,000.00
AUG	25,581.43	13,749.22	3,852.21	7,980.00	\$ 9,353.41	\$ 5,624.23	\$ 11,970.00	\$ 7,980.00	\$ 3,750.00	\$ 6,000.00
SEP	-	-	-	-	\$ -	\$ -	\$ -	\$ -	-	-
OCT	-	-	-	-	\$ -	\$ -	\$ -	\$ -	-	-
NOV	-	-	-	-	\$ -	\$ -	\$ -	\$ -	-	-
DEC	-	-	-	-	\$ -	\$ -	\$ -	\$ -	-	-
TOTAL	150,421.12	97,628.26	19,939.80	32,853.06	50,803.49	29,112.10	49,279.59	32,853.06	30,000.00	47,945.00

\$ 48,814.13 \$ 68,991.69 \$ 207,631.35

Well Account

Capital Improvement Account

Assessment Account

System Upgrade Account

DAILY PRODUCTION FOR AUGUST 2022 GALLONS

Date	WELL # 2A	WELL # 3A	WELL # 4A	WELL # 5	WELL # 8	WELL # 11	GPM	TUNNEL	TOTAL	CU.FT.	A.F.	GPM
1	99000			86000		77700	135	194400	457100	61109.63	1.4026	317
2	143000			130000		76400	132	190080	539480	72122.99	1.6554	375
3	211000	16000		171000	16000	104700	145	208800	727500	97259.36	2.2323	505
4	192000			166000		74700	142	204480	637180	85184.49	1.9551	442
5	187000			165000		103600	150	216000	671600	89786.1	2.0608	466
6	173000			150000		108700	133	191520	623220	83318.18	1.9123	433
7	240000			209000		95700	140	201600	746300	99772.73	2.29	518
8	116000			101000		129700	158	227520	574220	76767.38	1.762	399
9	251000			209000		131700	128	184320	776020	103746	2.3812	539
10	176000			148000		33800	147	211680	569480	76133.69	1.7474	395
11	230000			201000		80300	137	197280	708580	94729.95	2.1742	492
12	267000			233000		89100	142	204480	793580	106093.6	2.435	551
13	208000			182000		80100	142	204480	674580	90184.49	2.0699	468
14	192000			170000		91800	134	192960	646760	86465.24	1.9845	449
15	217000	58000		187000	65000	117400	149	214560	858960	114834.2	2.6357	597
16	263000			229000		74400	140	201600	768000	102673.8	2.3566	533
17	195000			175000		73800	141	203040	646840	86475.94	1.9848	449
18	195000			175000		73800	141	203040	646840	86475.94	1.9848	449
19	207000			181000		90600	151	217440	696040	93053.48	2.1357	483
20	200000			175000		52300	137	197280	624580	83500	1.9165	434
21	262000			229000		121900	158	227520	840420	112355.6	2.5788	584
22	186000			161000		48600	125	180000	575600	76951.87	1.7662	400
23	273000			237000		49500	141	203040	762540	101943.9	2.3398	530
24	222000			194000		52200	144	207360	675560	90315.51	2.0729	469
25	168000			146000		53000	143	205920	572920	76593.58	1.758	398
26	256000			224000		67300	142	204480	751780	100505.3	2.3068	522
27	240000			208000		63200	144	207360	718560	96064.17	2.2048	499
28	248000			215000		104000	155	223200	790200	105641.7	2.4247	549
29	169000			146000		60100	120	172800	547900	73248.66	1.6812	380
30	222000			194000		66500	141	203040	685540	91649.73	2.1035	476
31	260000			225000		77900	169	243360	806260	107788.8	2.4739	560
Ttl's	6468000	74000	0	5622000	81000	2524500		6344640	21114140	2822746	64.787	

A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	A.F.	Av.	mgd	mgd	cu.ft/day	afd
19.846579	0.2270635	0	17.25069	0.2485425	7.7462412	142	0.204666	0.681101	91056.32	2.0899	

A.F.
19.46806

RECAP OF 2022 PRODUCTION MINUS USAGE = WASTE

MONTH	YEAR	PRODUCTION ACRE FEET		HYDRANT METERS	USAGE A.F.	WASTE A.F.	Water Loss (Gallons)	Water Loss %
		TOTAL	TUNNEL					
JAN	2022	38.01	15.46	0.00	28.16	9.85	3,209,463	25.91%
FEB	2022	35.19	17.36	0.00	29.52	5.67	1,848,179	16.11%
MAR	2022	43.40	19.23	0.00	35.60	7.80	2,542,020	17.97%
APR	2022	48.94	18.56	0.00	40.30	8.64	2,814,798	17.65%
MAY	2022	55.05	19.30	0.00	47.54	7.51	2,447,509	13.64%
JUNE	2022	61.15	16.42	2.36	54.55	4.24	1,381,816	6.93%
JULY	2022	65.98	19.53	0.00	50.89	15.09	4,917,179	22.87%
AUG	2022	64.79	19.47	0.50	58.72	5.57	1,815,263	8.60%
SEPT	2022	0.00	0.00	0.00	0.00	0.00	0	0.00%
OCT	2022	0.00	0.00	0.00	0.00	0.00	0	0.00%
NOV	2022	0.00	0.00	0.00	0.00	0.00	0	0.00%
DEC	2022	0.00	0.00	0.00	0.00	0.00	0	0.00%
TOTALS		412.51	145.33	2.86	345.28	64.36	20,976,228	15.60%
Average						5.36	1,748,019	

RECAP OF 2021 PRODUCTION MINUS USAGE = WASTE

MONTH	YEAR	PRODUCTION ACRE FEET		HYDRANT METERS	USAGE A.F.	WASTE A.F.	Water Loss (Gallons)	Water Loss %
		TOTAL	TUNNEL					
JAN	2021	37.91	18.11	0.00	28.68	9.23	3,008,057	24.35%
FEB	2021	33.21	16.45	0.00	29.61	3.60	1,172,588	10.84%
MAR	2021	39.36	18.22	0.04	32.14	7.18	2,339,636	18.24%
APR	2021	51.04	17.82	0.00	44.23	6.82	2,221,334	13.35%
MAY	2021	61.20	18.59	0.00	48.35	12.85	4,186,837	20.99%
JUNE	2021	67.10	18.04	0.00	62.07	5.02	1,637,322	7.49%
JULY	2021	71.95	18.77	0.07	62.84	9.04	2,947,114	12.57%
AUG	2021	68.58	18.77	0.00	57.55	11.03	3,595,329	16.09%
SEPT	2021	62.49	18.29	0.01	58.45	4.03	1,313,051	6.45%
OCT	2021	51.50	17.07	0.50	40.41	10.59	3,450,955	20.56%
NOV	2021	43.80	18.56	0.03	39.21	4.57	1,488,059	10.43%
DEC	2021	38.65	19.21	0.00	32.74	5.90	1,923,462	15.27%
TOTALS		626.78	217.88	0.65	536.28	89.86	29,283,745	14.34%
Average						7.49	2,440,312	

CONSUMPTION 10-YEAR

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	2%	SEP	OCT	NOV	DEC	TOTAL	vs 2021
	-2%	0%	11%	-9%	-2%	-12%	-19%			-100%	-100%	-100%	-100%		
2022															
Cons'n HCF	12,268	12,858	15,510	17,551	20,711	23,764	22,170	25,581		-100%	-100%	-100%	-100%	150,413	Reduction with 2013
Cons'n GPM	206	239	288	326	384	411	371	429	0	0	0	0	0	221	
Cons'n A.F.	28,164	29,518	35,606	40,300	47,546	54,555	50,893	58,726	0.000	0.000	0.000	0.000	0.000	345,301	
Ave GPDPP	88.074342	92.309953	111.3482	126.00079	148.68682	170.60468	159.16116	183.64914	0	0	0	0	0		
2021															
Cons'n HCF	12,493	12,897	13,998	19,265	21,063	27,040	27,372	25,069	-42%	-31%	-43%	-12%	-11%	233,603	Reduction with 2013
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	32,744	536,279	
Ave GPDPP	89.690219	92.583359	100.49688	138.30796	151.21358	194.11997	196.50961	179.97408	182.78047	126.38221	122.60348	102.39856	102.39856		Reduction with 2013
2020															
Cons'n HCF	12,108	11,353	11,457	13,003	19,970	23,014	25,219	24,223	-34%	-34%	-30%	-25%	-10%	215,185	Reduction with 2013
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	33,403	33,133	493,996	
2019															
Cons'n HCF	12,481	10,980	10,327	16,381	17,288	19,469	24,323	24,572	-43%	-40%	-36%	-28%	-20%	204,279	Reduction with 2013
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	29,706	468,960	Reduction with 2013
2018															
Cons'n HCF	15,360	14,461	12,701	18,206	22,082	24,730	27,000	26,417	-39%	-39%	-36%	-16%	-18%	231,605	Reduction with 2013
Cons'n GPM	257	268	213	315	370	428	452	443		387	314	289	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	37,647	30,126	531,693	Reduction with 2013
2017															
Cons'n HCF	11,121	10,088	15,275	20,758	24,151	25,786	26,112	30,311	-30%	-40%	-29%	3%	-3%	243,231	Reduction with 2013
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	35,785	558,381	Reduction with 2013
2016															
Cons'n HCF	13,498	17,144	20,915	22,752	29,188	42,373	35,594	35,657	-17%	-28%	-35%	0%	-19%	295,892	Reduction with 2013
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	44,604	30,081	679,274	
2015															
Cons'n HCF	15,686	15,711	20,472	29,631	26,759	30,807	30,067	31,370	-9%	-9%	-18%	-8%	11%	295,231	Reduction with 2013
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	41,418	41,266	677,757	
2014															
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															
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	
														46,763566	

PRODUCTION 5 - YEAR RECAP

Reduction compared to 2021
Reduction compared to 2013

2022	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	TOTAL	TOTAL
	0%	6%	10%	4%	-10%	-9%	-8%	-6%	-100%	-100%	-100%	-100%	GALLS	CUFT	A F
	-32%	-34%	-44%	-40%	-44%	-48%	-45%	-45%	-100%	-100%	-100%	-100%	48,133,096	6,434,906	147.69
Tunnel	5,022,000	5,656,896	6,266,000	6,095,000	6,290,000	6,091,200	6,366,000	6,346,000					12,398,000	2,168,316	49.77
Well # 2A	63,000	16,000	13,000	13,000	30,000	5,001,000	4,612,000	6,488,000					12,398,000	1,657,487	38.04
Well # 3A	281,000	12,000	985,000	4,549,000	4,924,000	1,498,000	75,000	74,000					157,000	20,989	0.48
Well # 4A	0	0	0	12,000	23,000	78,000	44,000	5,622,000					15,396,000	2,058,289	47.24
Well # 5	50,000	12,000	15,000	12,000	26,000	3,204,000	6,455,000	81,000					30,325,000	4,054,144	93.05
Well # 8	6,954,000	5,772,000	6,739,000	4,287,000	4,702,000	1,673,000	117,000	81,000					11,716,200	1,566,337	35.95
Well # 11	0	0	47,000	980,900	1,947,100	2,383,200	3,833,200	2,524,500					0	0	0.00
PHCSD	0	0	0	0	0	0	0	0					0	0	0.00
TOTAL G	12,370,000	11,468,996	14,068,000	15,948,900	17,942,100	19,928,700	21,502,200	21,115,500	0	0	0	0	134,344,296	17,960,467	412.23
TOTAL CF	1,653,743	1,533,275	1,880,749	2,132,206	2,398,676	2,664,265	2,874,626	2,822,928	0	0	0	0	0	0	0
TOTAL AF	37,956	35,191	43,167	48,938	55,054	61,150	65,978	64,791	0.000	0.000	0.000	0.000	Total Reduction=		
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	6,261,000	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	2,925,000	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	6,496,000	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	7,380,000	19,000	24,000	18,000	21,000	5,113,000	3,956,000	3,668,000	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
PHCSD	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	11,595,000	204,262,296	27,307,794	626.76
TOTAL CF	1,651,712	1,446,746	1,714,695	2,223,928	2,666,517	2,923,436	3,134,864	2,988,422	2,722,473	2,242,487	1,908,690	1,883,824	Total Reduction=		
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			
2020															
Tunnel	5,481,782	5,087,000	5,428,224	5,313,600	5,671,000	5,652,000	5,954,976	7,282,000	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	2,982,000	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	3,082,000	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
PHCSD	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	18,938,700	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	2,518,543	2,753,289	3,155,388	2,874,034	2,624,163	2,396,116	1,742,193	1,512,901			
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			
2019															
Tunnel	4,808,174	4,384,800	5,017,090	5,163,000	5,517,058	5,140,800	5,690,720	5,713,920	5,537,000	5,624,640	5,400,000	5,535,380	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
PHCSD	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	1,340,775	1,428,287	1,812,647	1,894,446	2,426,003	2,638,104	2,775,350	2,433,488	2,329,511	1,614,679	1,434,139			
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			
2018															
Tunnel	5,879,988	5,204,909	5,674,190	5,428,987	5,583,000	5,362,000	5,450,000	5,395,000	5,150,736	5,272,877	5,070,989	5,158,000	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	3,120,000	5,518,000	6,216,000	8,424,000	6,448,000	5,119,000	5,115,000	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
PHCSD	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	22,713,000	17,323,736	16,706,877	14,004,989	12,141,700	203,563,476	27,214,368	624.62
TOTAL CF	1,809,103	1,858,811	1,716,336	2,614,437	2,572,861	2,833,690	2,727,540	2,316,007	2,433,488	2,233,540	1,872,325	1,623,222			
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			

AVERAGE GALLONS PER MINUTE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2022	-9%	-11%	-5%	-6%	-5%	-5%	-4%	-1%	-100%	-100%	-100%	-100%	Compare 2021
Tunnel	140	140	140	141	141	141	143	142					
Well # 2A	309	296	333	361	333	334	326	322					
Well # 3A	330	330	312	333	334	317	305	398					
Well # 4A	227	227	306	250	256	236	222	0					
Well # 5	278	286	278	250	310	287	287	280					Pump Pulled 7-11-22
Well # 8	311	316	359	329	319	336	310	365					
Well # 11	251	251	251	251	251	251	251	251					
TOTAL G	1,846	1,849	1,979	1,915	1,944	1,902	1,844	1,758	0	0	0	0	Compare 2020
2021	36%	13%	13%	4%	4%	2%	-7%	-14%	-10%	-8%	-7%	-8%	
Tunnel	132	133	133	134	136	136	137	137	138	138	140	140	
Well # 2A	333	345	315	351	343	336	333	327	318	311	313	333	
Well # 3A	329	308	313	310	315	315	317	288	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 # 8	351	383	396	393	378	352	333	273	292	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	266	292	344	339	336	333	319	333	
Well # 3A	0	312	324	327	318	311	311	347	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	318	318	289	289	302	310	
Well # 8	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	Pump Pulled 9-19
Well # 5	155	168	170	173	165	197	196	231	270	283	290	299	
Well # 8	181	193	193	198	198	192	195	258	259	242	285	283	
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	150	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 # 8	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%	-46%	-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	353	253	200	200	144	115	130	154	184	
Well # 5	353	372	372	355	353	353	280	257	258	244	258	275	Pump Pulled 11-17
Well # 8	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	488	213	44	38	38	45	111	167	
Well # 3A	537	646	530	635	610	225	28	31	90	114	183	286	
Well # 4A	659	729	556	471	439	193	94	52	132	157	267	333	
Well # 5	461	468	463	471	438	381	120	163	192	218	305	353	
Well # 8	458	476	438	433	444	365	248	194	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	

SHEEP CREEK WATER COMPANY

September 6, 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	
8/15/22												
2A	50hp	2011	725	505	280.93	297.1	207.9	224.07	16	19.11	309	57hz
3A	100hp	2002	500	460	286.75	298.3	161.7	173.25	12	28.57	330	47hz
4A	150hp	2004	500	440	292.16	303.71	136.29	147.84	12	19.65	227	47hz
5	40hp	2014	520	420	292.95	299.88	120.12	127.05	7	40.12	278	57.5hz
8	150hp	2004	480	440	326.81	347.6	92.4	113.19	21	14.96	311	55.5hz
11	150hp	2018	1480	1100	947	970	130	153	23	10.91	251	53hz
8/22/22												
2A	50hp	2011	725	505	283.24	297.1	207.9	221.76	14	22.29	309	57hz
3A	100hp	2002	500	460	289.06	298.3	161.7	170.94	9	35.71	330	47hz
4A	150hp	2004	500	440	292.16	303.71	136.29	147.84	12	19.65	227	47hz
5	40hp	2014	520	420	295.26	299.88	120.12	124.74	5	60.17	278	57.5hz
8	150hp	2004	480	440	326.81	347.6	92.4	113.19	21	14.96	311	55.5hz
11	150hp	2018	1480	1100	947	970	130	153	23	10.91	251	53hz
8/29/22												
2A	50hp	2011	725	505	283.24	297.1	207.9	221.76	14	22.29	309	57hz
3A	100hp	2002	500	460	289.06	298.3	161.7	170.94	9	35.71	330	47hz
4A	150hp	2004	500	440	292.16	303.71	136.29	147.84	12	19.65	227	47hz
5	40hp	2014	520	420	295.26	299.88	120.12	124.74	5	60.17	278	57.5hz
8	150hp	2004	480	440	326.81	347.6	92.4	113.19	21	14.96	311	55.5hz
11	150hp	2018	1480	1100	947	970	130	153	23	10.91	251	53hz
9/6/22												
2A	50hp	2011	725	505	285.55	301.72	203.28	219.45	16	19.11	309	57hz
3A	100hp	2002	500	460	289.06	300.61	159.39	170.94	12	28.57	330	47hz
4A	150hp	2004	500	440	292.16	303.71	136.29	147.84	12	19.65	227	47hz
5	40hp	2014	520	420	295.26	304.5	115.5	124.74	9	30.09	278	57.5hz
8	150hp	2004	480	440	329.12	342.98	97.02	110.88	14	22.44	311	55.5hz
11	150hp	2018	1480	1100	947	970	130	153	23	10.91	251	53hz
											TUNNEL	
											TOTAL PRODUCTION	
											140	
											1,846	

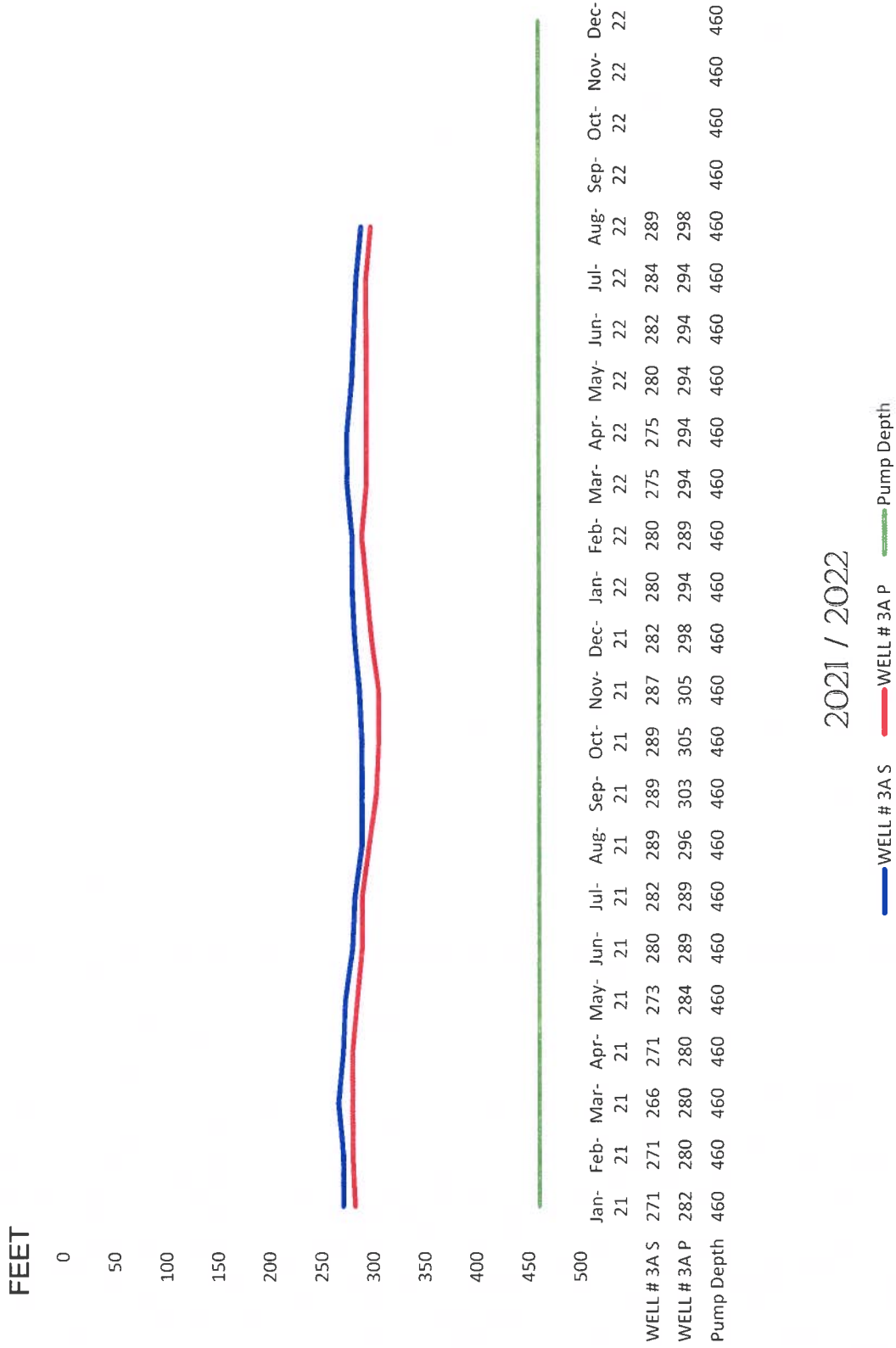
MSEXCEL/WEILDEPTH22

WELL #2A Monthly Water Levels / 2 years



SHEEP CREEK WATER COMPANY

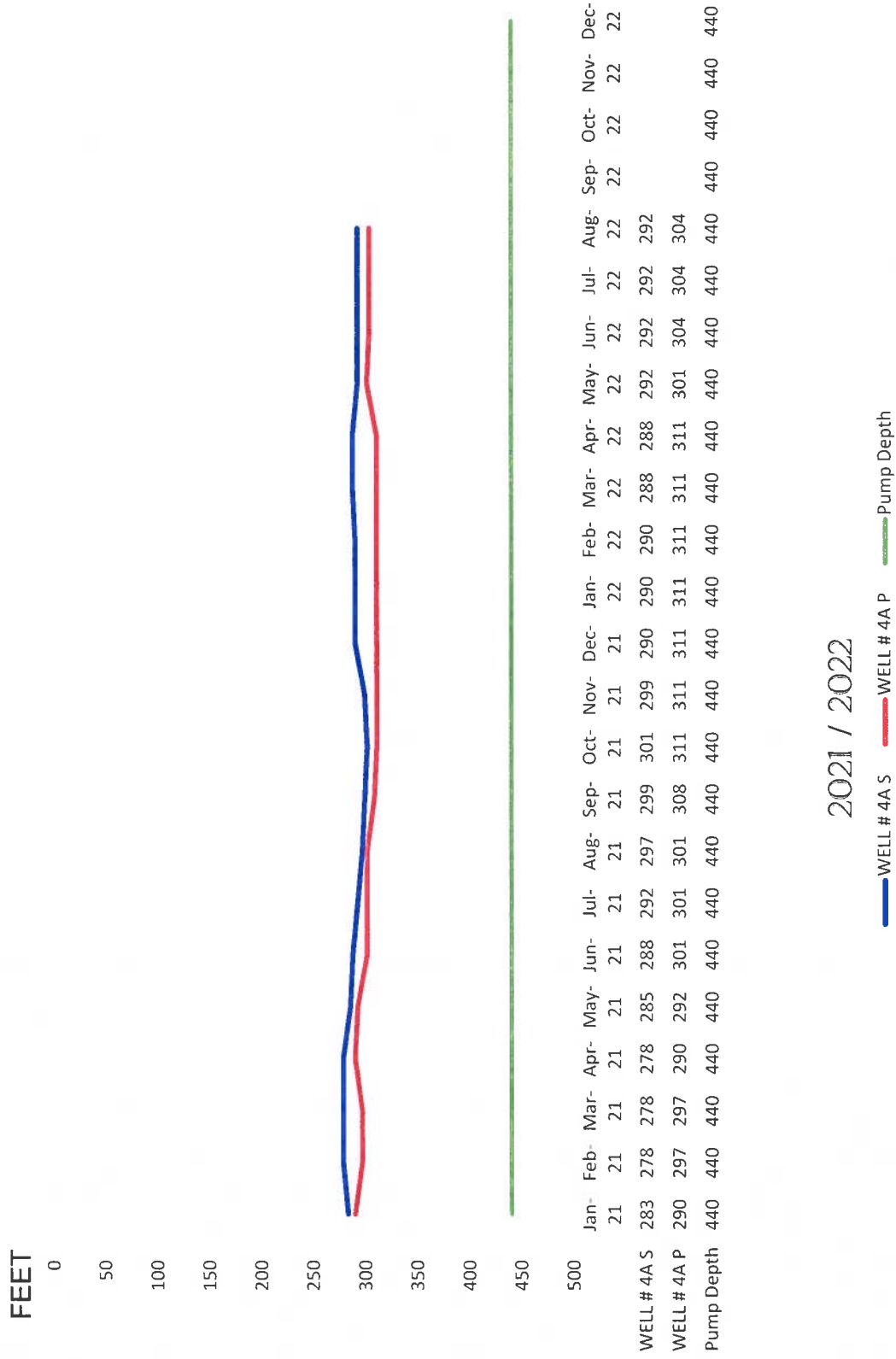
WELL #3A Monthly Water Levels / 2 years



2021 / 2022

SHEEP CREEK WATER COMPANY

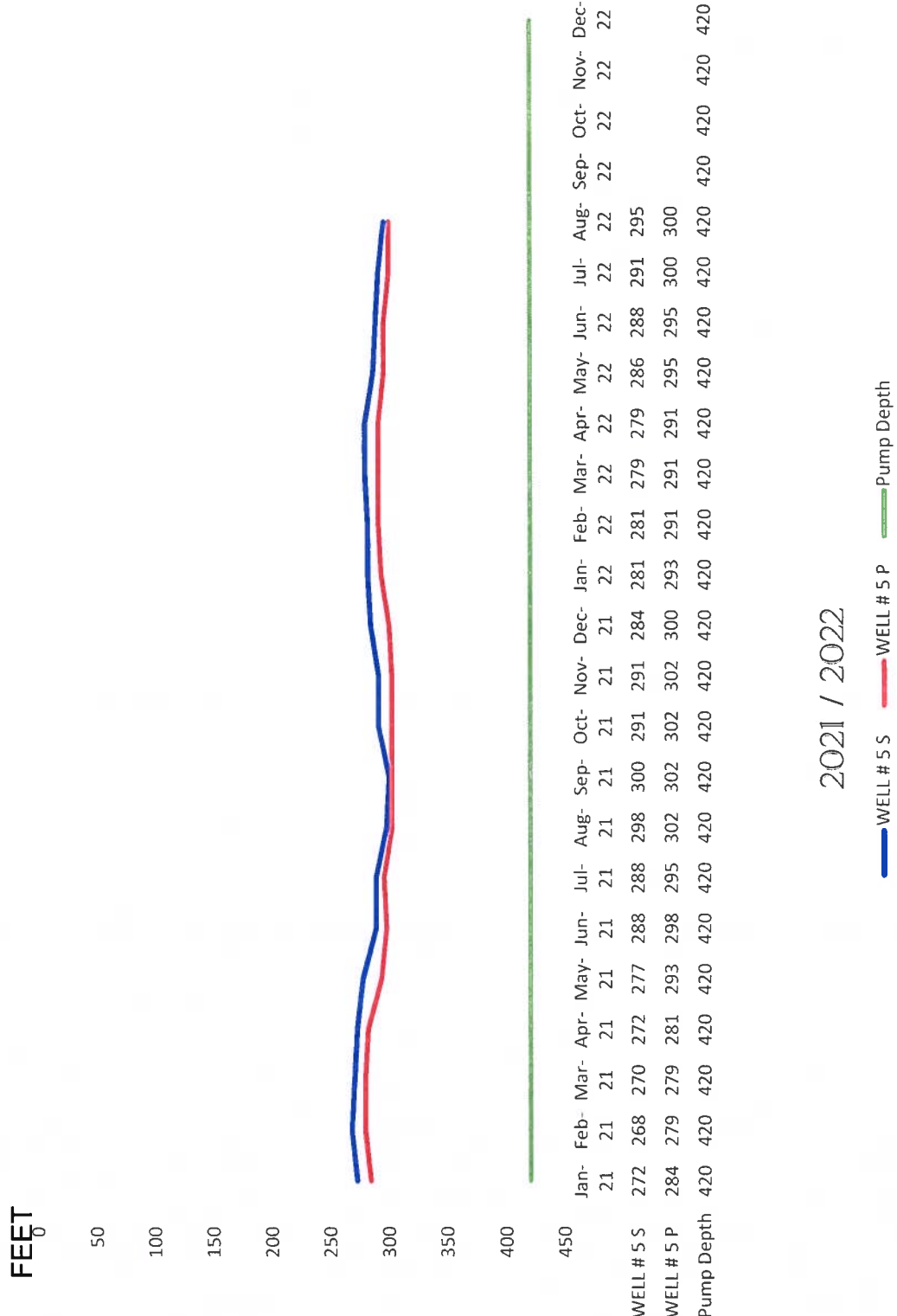
WELL #4A Monthly Water Levels / 2 years



2021 / 2022

SHEEP CREEK WATER COMPANY

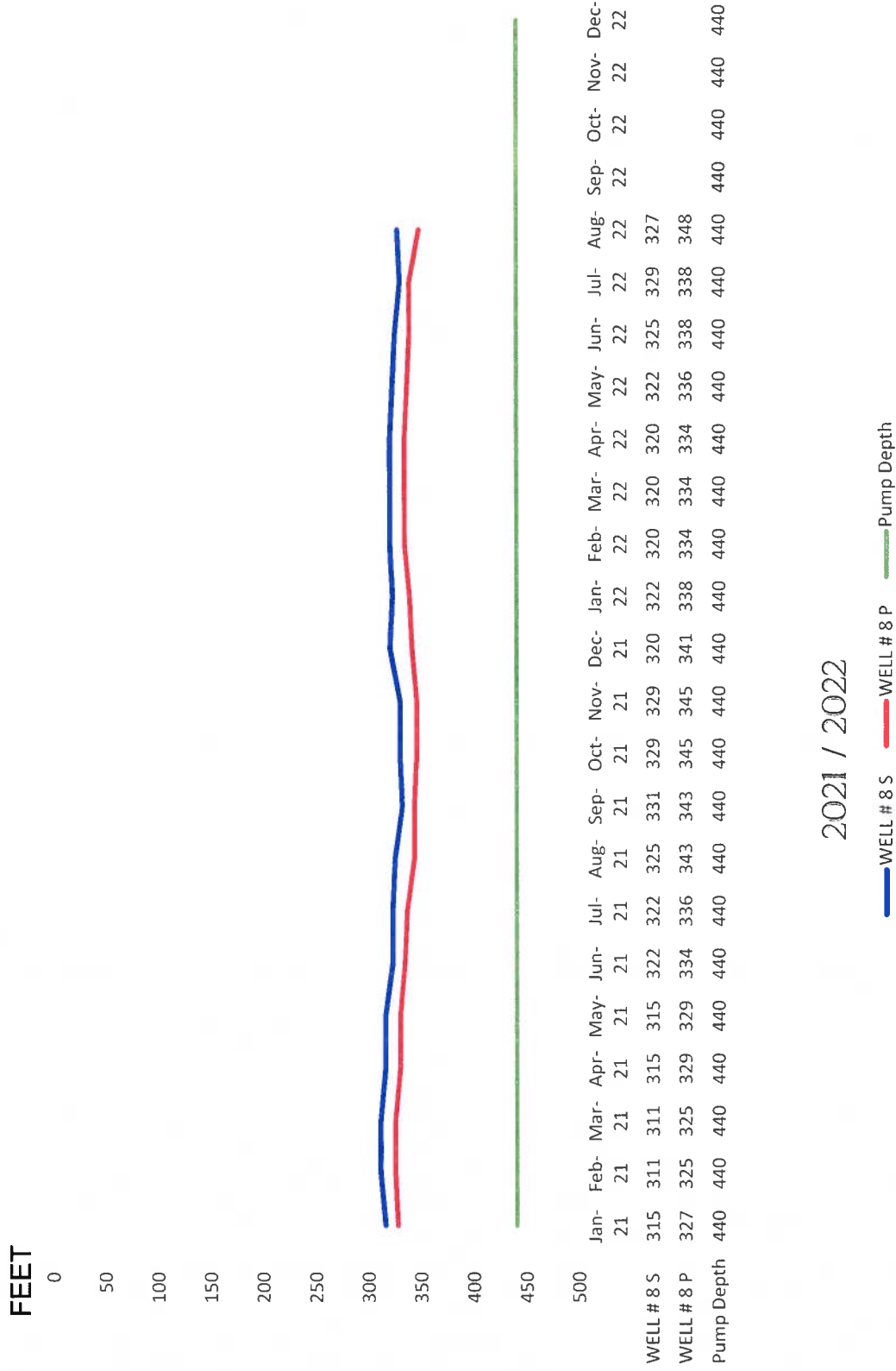
WELL #5 Monthly Water Levels / 2 years



2021 / 2022

SHEEP CREEK WATER COMPANY

WELL #8 Monthly Water Levels / 2 years



SHEEP CREEK WATER COMPANY

WELL #11 Monthly Water Levels / 2 years

FEET
850

900

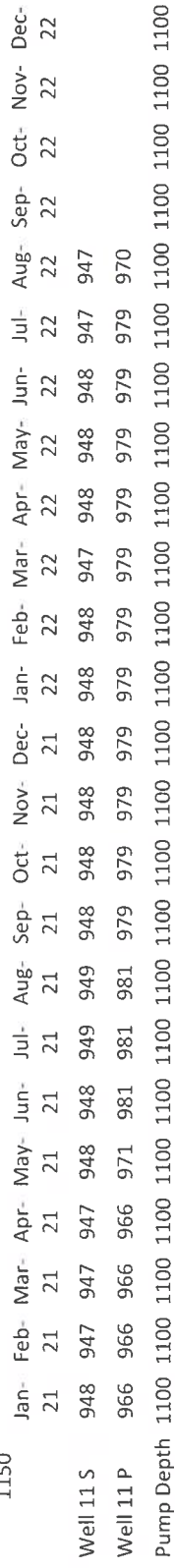
950

1000

1050

1100

1150

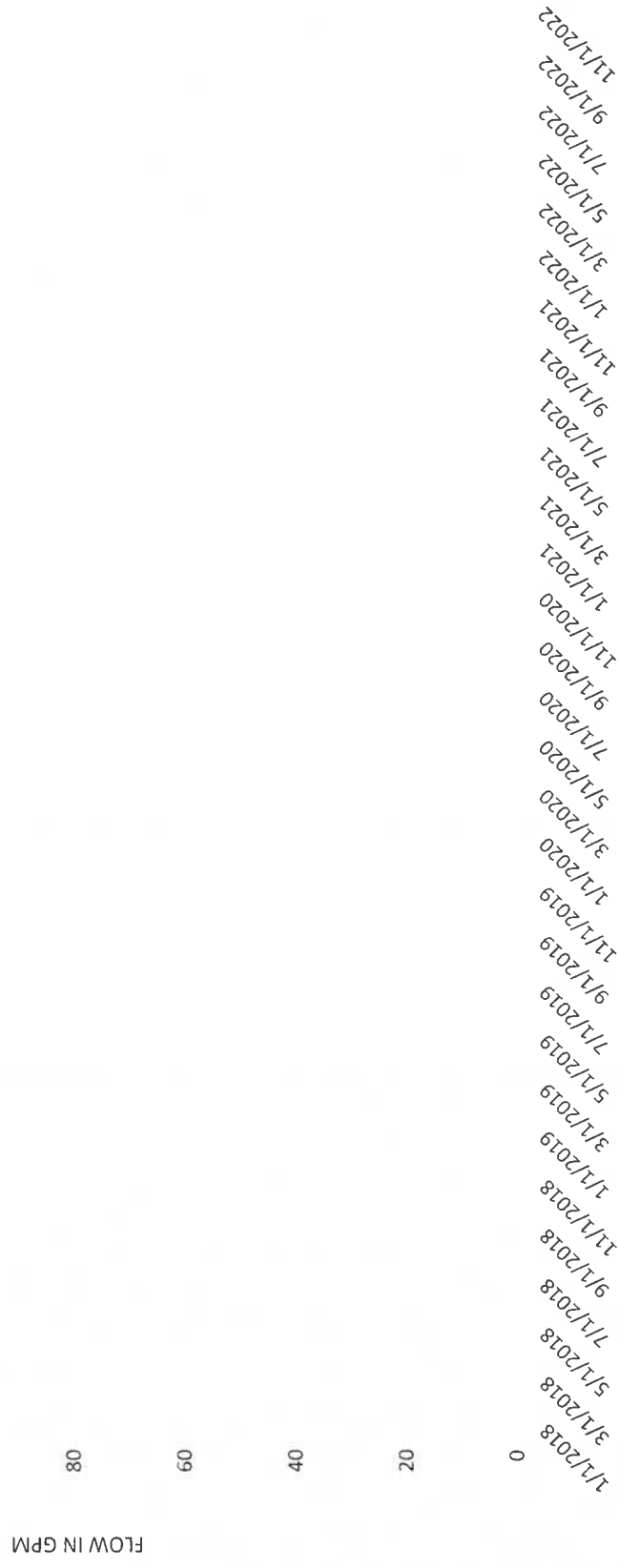


2021 / 2022

Well 11 S Well 11 P Pump Depth

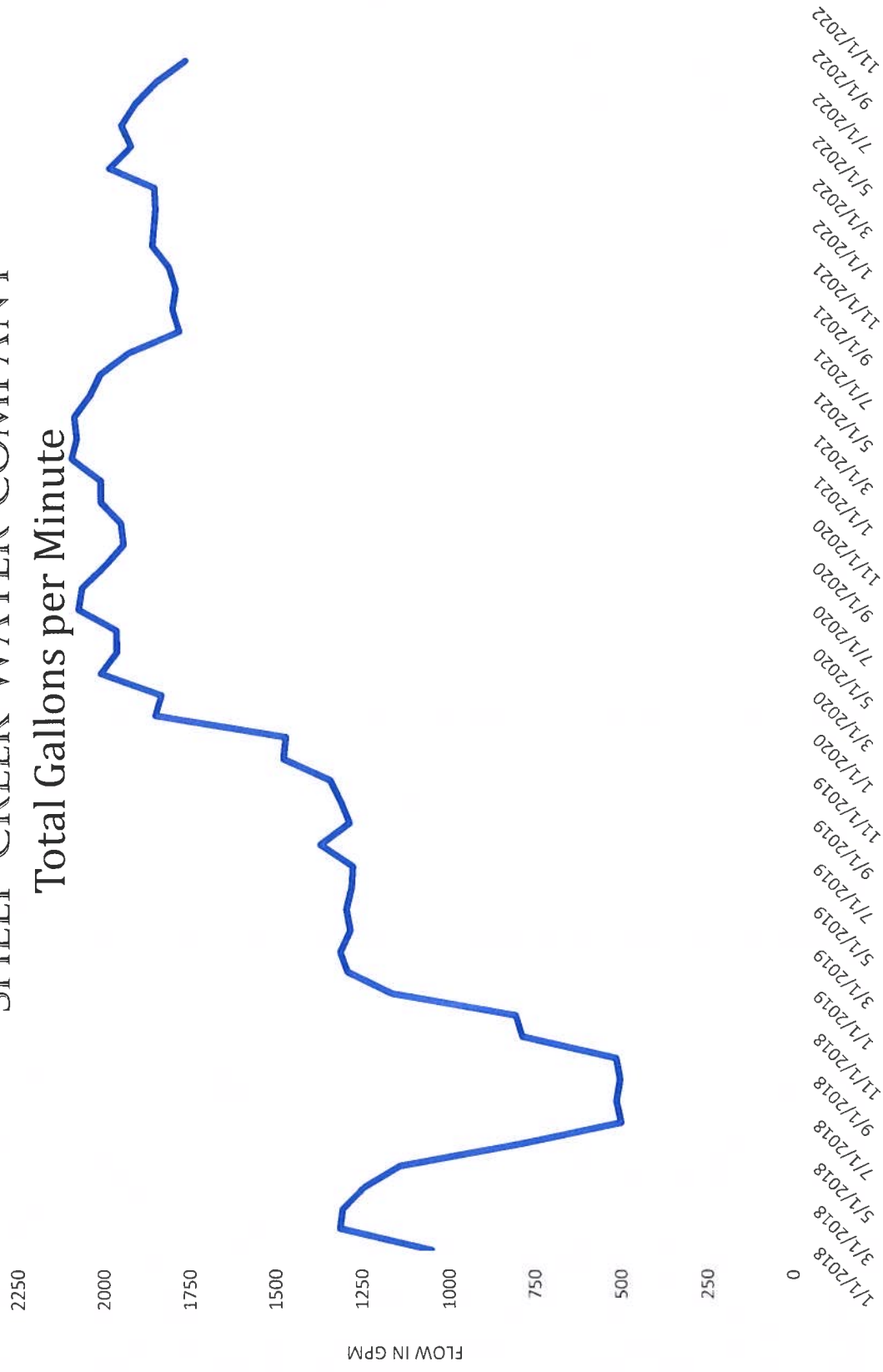
SHEEP CREEK WATER COMPANY

Tunnel Flow



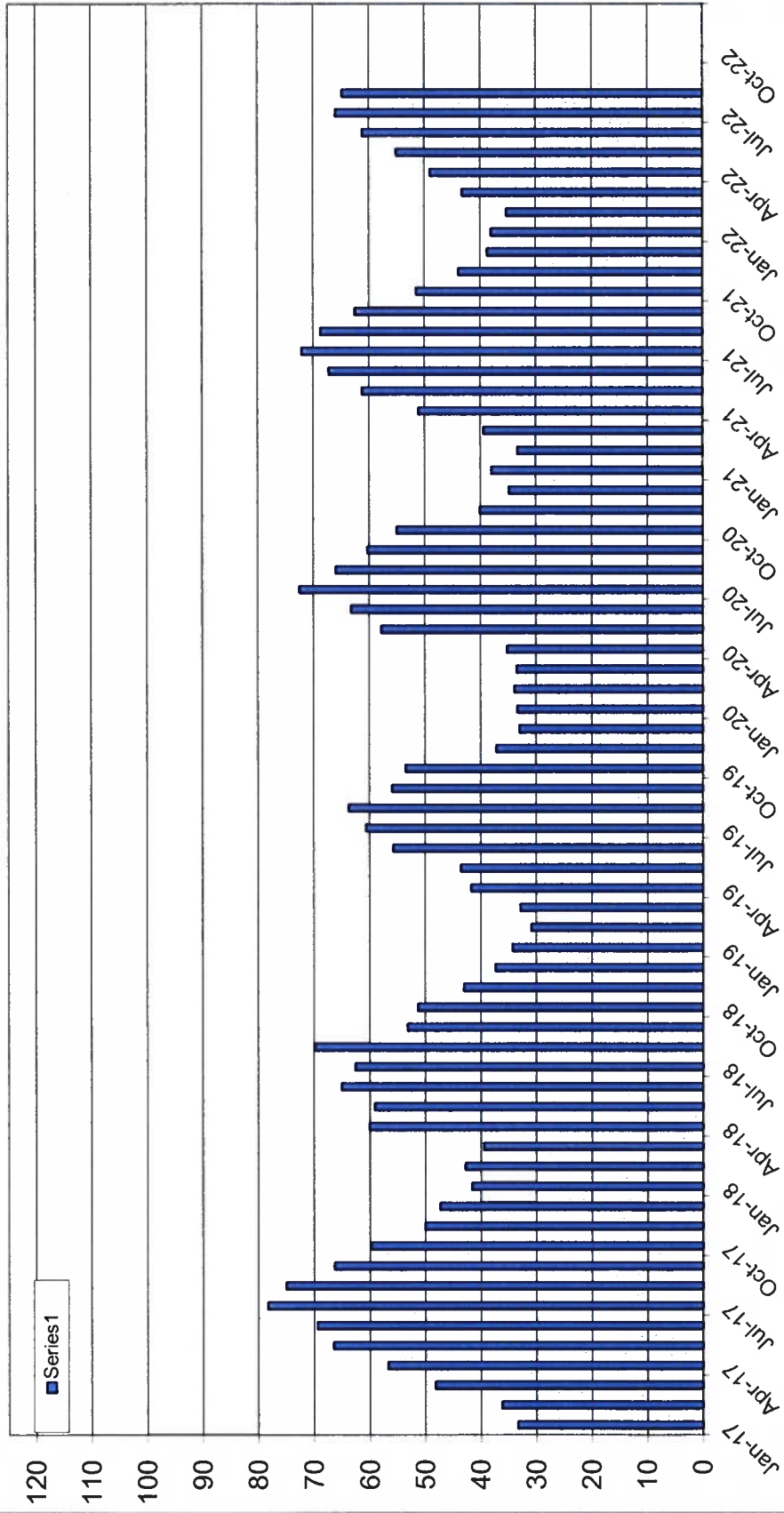
SHEEP CREEK WATER COMPANY

Total Gallons per Minute



SHEEP CREEK WATER COMPANY

WATER PRODUCTION ACRE FEET



2017 - 2022