## SHEEP CREEK WATER COMPANY REGULAR BOARD OF DIRECTORS MEETING June 18, 2020 ~ 6:30 PM SHEEP CREEK WATER COMPANY – via Zoom 4200 Sunnyslope Rd., Phelan, CA 92371

Due to the Covid-19 pandemic and required Social Distancing, 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/89609588245?pwd=RVN1V1g4T2tITFEwQlB2QU9wVzJJUT09

Meeting ID: 896 0958 8245

Password: 944438

#### One tap mobile

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#### Dial-In

(669) 900-6833

Meeting ID: 896 0958 8245

Password: 944438

#### **AGENDA**

- 1) Open Meeting- 6:30 PM
  - a. Flag Salute
  - b. Invocation
- 2) Consent Motions
  - a. Minutes:
    - i. Regular Board of Directors Meeting- March 12, 2020
  - b. Bills:
    - i. March 12, 2020 through June 18, 2020
  - 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. Source Capacity Project Update

#### 5) New Business

- a. SWRCB Updated Compliance Order NO.05-13-18R-002A1
  - i. Directive 2a- Financial Review
  - ii. Directive 2b- Asset Management Plan
- b. Request for PPHCSD Water Service to APN 3066-251-05 & 06
- c. Annual Shareholders Meeting

#### 6) Next Scheduled Meetings

- a. July 16, 2020
- 7) Adjournment

### SHEEP CREEK WATER COMPANY Regular Board of Directors Meeting March 12, 2020 ~ 6:30 PM Snowline School District ~ Board Room 4200 Sunnyslope Road, Phelan, CA 92371

The Regular Board of Directors Meeting of March 12, 2020, was called to order by President Andy Zody, at 6:32 PM. General Manager, Chris Cummings led in the Pledge of Allegiance. Invocation was led by Vice President Bob Howard. Mr. Zody reminded everyone present that the meeting was being recorded to insure accuracy of the minutes.

**Directors Present:** President Andy Zody, Vice President Bob Howard, Secretary/Treasurer Kellie Williams, Director Luanne Uhl and Director David Nilsen.

**Staff Present:** General Manager Chris Cummings and Administrative Secretary Dorothy Zody were present.

Guests Present: The guests that signed in at tonight's meeting were Michelle Hannon, Michael Palecki of the Mountaineer Progress, Board Members with PPHCSD Charlie Johnson and Deborah Philips, along Yasha Philips.

Consent Motions:

Minutes of February 20, 2020

Bills of February 20, 2020 through June 4, 2020

Manager's Report

Luanne Uhl moved to accept the Consent Motions as presented. Bob Howard seconded the motion. Motion carried.

*Open Forum:* Mr. Zody explained that under this item any member of the Board or Public may address the Board on items not on the Agenda. However, under Ab 240 the Board is prohibited on taking any action on an item not appearing on the agenda. Mr. Zody also explained that those wishing to speak need to submit the Request to Speak form so we can have it on record. No forms were submitted.

#### **Old Business**

- a.) System Update: General Manager Chris Cummings reported that static water levels have had an increase the past two weeks of 2-4 feet. The water levels compared to one year ago are up 14-21 feet. Well 3A is running daily, averaging 4-16 hours a day. Usage is averaging between .35 and .4 MGD. Current available pumping capacity is 1,849 GPM with the Tunnel averaging 122 GPM. Mr. Cummings also reported we have a project scheduled to install 4 fire hydrants and additional system isolation valves on Sunnyslope Rd. One of the hydrants being installed is to replace a stand pipe that cracked during the cold weather.
- b.) State Water Resource Control Board: Mr. Cummings reported that we have not received an updated Compliance Order. He spoke with Hector from the SWRCB regarding the updated Compliance Order and Hector stated that a new Compliance Order is in the works. Hector stated that he has prepared 3 drafts. The current draft is with the State Attorney in Sacramento for review. The dates for the corrective action plan will be adjusted will the date of the updated Compliance Order. Currently we are continuing to follow verbal recommendations that Hector had in September to follow the submitted Corrective Action Plan.
- c.)Source Capacity Project: At this time the CEQA documents are still on hold. Mr. Cummings is working with the property owner for the property that will be Well 13. The property owner has had a number of issues with the proposed purchase contract. This contract is similar to the Well 11 and proposed Well 12 contracts. Mr. Cummings stated that with many discussions with the property owner, they have not been able to come to an agreement. Mr. Cummings also said that he has discussed with him the possibility of purchasing the property upfront rather than continue to spend additional time and cost on a contract. Mr. Cummings believes our best option

will be to purchase the property as CEQA documents and property surveys have been completed for this property. If it is approved to purchase this property we will push for a quick escrow and as soon as that is completed CEQA documents will be filed.

- d) Annual Shareholders Meeting: Mr. Cummings reported that at this time there is only one new business item to be added to the agenda which is the loan repayment options for the Source Capacity Project. The options have not changed at this time and are based on Sheep Creek borrowing the full \$4 million. Options are as follows:
  - 1) Assessment-\$20 per Share 2 times per Year for 20 years
  - 2) \$21 Base Rate Increase per month per meter service for 20 years
  - 3) Water Rate Increase of \$1.85 per hcf for all Tiers for 20 Years
  - 4) Split Assessment/Base Rate Increase- \$25 per Share per Year plus \$12 Monthly Base Rate Increase for 15 years.

Dave Nilsen made the Motion to approve the Agenda. Kellie Williams seconded the motion. Motion carried.

#### New Business

a). Additional Well Site Property: As discussed earlier Mr. Cummings has been working with the property owner for the proposed Well 13 for the Source Capacity Project. The property contract that was prepared is similar to the contract that was used for Well 11 and the proposed Well 12. The difference is that rather than purchasing the land there will be an agreement to sell 4 meter services for the property owners other properties. With CEQA documents completed Mr. Cummings has discussed the possibility of purchasing the property rather than continue with the contract. If there are issues and we can't drill the well on the property it can be resold. Mr. Cummings recommended that the Board purchase the property at the cost of \$30,000 which is less than the cost of the 4 meter services (\$41,000). The funds would come from the Capital Improvement Account. Once the escrow is completed the CEQA documents will be submitted. Luanne Uhl asked if it's a 2.5 acre lot. Chris stated that it is a 1 acre lot south of Phelan Rd. near Beekley. David Nilsen made the Motion to purchase the property. Bob Howard seconded the motion. Motion Carried

#### **Next Scheduled Meetings:**

- a) April 16, 2020- Regular Board of Directors Meeting
- b) May 7, 2020- Regular Board of Directors Meeting
- c) May 16, 2020- Annual Shareholders Meeting

Adjournment: Vice President Bob Howard moved to adjourn. Kellie Williams seconded the motion. Motion carried. The Regular Board of Directors Meeting of March 12, 2020 adjourned at 6:48

*Closed Session*: The Board moved into closed session for an employee evaluation at 6:51 pm. Closed Session was adjourned at 7:03 pm.

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

June 18, 2020

#### **PRODUCTION**

- May Production- 57.81 AF- 33% increase from 2019 & 42% decrease from 2013
- May Usage- 45.85 AF sold- 16% increase from 2019 & 46% decrease from 2013
- > April Production- 35.11 AF- 18% decrease from 2019 & 57% decrease from 2013
- April Usage- 29.85 AF sold- 21% decrease from 2019 & 58% decrease from 2013
- > Well soundings & production for the past month:
- > Static Water Levels at this time have had a slight decrease on all sources.

Well 2A Compared to 1 year ago, static level is the up 16.17 feet- 286 gpm

Well 3A Compared to 1 year ago, static level is up 16.17 feet- 318 gpm

Well 4A Compared to 1 year ago, static level is up 13.87 feet- 292 gpm

Well 5 Compared to 1 year ago, static level is up 32.34 feet- 319 gpm

Well 8 Compared to 1 year ago, static level is up 9.24 feet- 367 gpm

Tunnel the Tunnel flow is currently averaging 130 gpm

- ➤ Well 3A & 5 are running 10-16 hours
- Total Pumping capacity as of June 11, 2020 is 1,960 gpm.
- ➤ Well Field pumping capacity 1,709 gpm.
- > Current usage is averaging 650,000 gpd
- ➤ 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**

- ➤ Work orders as office requests
- ➤ Well Soundings- By-weekly
- > SOC Sampling- All Sources
- ➤ Cla-Val Maintenance
- > System Weed Abatement
- > Sunnyslope Rd Valve & Fire Hydrant Project- Completed
  - One stand pipe replaced with fire hydrant
  - o Three new hydrants to installed
  - o Nine system valves to installed
- > Concrete pads around fire hydrants- In progress
- ➤ 16 Meter Upgrades
- ➤ 2 fire hydrants
- ➤ 3 Mainline Leaks/ 1- Service Leak
- > Compliance notification sent to the SWRCB- updated compliance order received
  - o Directive 2a- Financial Review by CPA
  - o Directive 2b- Asset Management Plan- Preparing information for engineer
  - o Directive 2c- Well 11 Operational Cost- In Progress
  - o Directive 2d- Financial Assessment Questionnaire- In Progress

- > Source Capacity Project
  - o CEQA Initial Study- in progress
    - San Bernardino County completing required AB52 Tribal Consultation
    - Initial Study, Mitigated Negative Declaration to be released for 30 day comment period following completion of AB 52 Tribal Consultation
  - o Well 13 site purchase completed

#### SHEEP CREEK WATER COMPANY MEMORANDUM

TO:

BOARD OF DIRECTORS

FROM:

**CHRIS CUMMINGS** 

SUBJECT:

REQUEST FOR PPHCSD WATER SERVICE TO APN 3066-251-05 & 06

DATE:

JUNE 11, 2020

#### Dear Board of Directors

Attached is a letter from Mr. Gary Van Dam who owns two parcels of property within the Sheep Creek Water Company. APN 3066-251-05 is located on Sheep Creek Rd north of the future Phelan Pinon Hills Community Service District (PPHCSD) Civic Center and APN 3066-251-06 is located east of Sheep Creek Rd adjacent to the rear of Phelan Elementary and the future Phelan Park Expansion. Mr. Van Dam is working with the PPHCSD for easement on his properties for the Civic Center Project. With PPHCSD moving forward with the frontage and road improvements, this will allow Mr. Van Dam to move forward with development of his properties.

Mr. Van Dam has written a letter to Sheep Creek Water Company requesting permission to have water service from PPHCSD. For Sheep Creek to service APN 3066-251-06, approximately 600 feet of water line plus fire hydrants and fire service will need to be installed which this property will be the only property serviced by this water main due to Phelan Elementary being serviced from Phelan Rd and the park expansion property will be self-served by PPHCSD. Due to the ongoing Service Connection Moratorium. Mr. Van Dam will not be able to receive water service from Sheep Creek for several years.

With Mr. Van Dam's request and if approved, this will allow the Phelan Civic Center to continue to move forward for the community of Phelan. I would recommend that the Board of Directors consider the request by Mr. Van Dam to have permission to allow PPHCSD to service the two parcels in question. If permission is granted and PPHCSD grants water service to Mr. Van Dam, PPHCSD will be responsible for all water service including any San Bernardino County fire flow requirements to APN's 3066-251-05 & 06.

Thank you,

Chris Cummings General Manager

Sheep Creek Water Company

June 9, 2020

Van Dam Properties LLC 9711 East Avenue F-8 Lancaster, CA 93535 VanDamGary@gmail.com

Subject: Request permission to be served by PPHCSD for parcels 3066-251-05 and -06

Dear Mr. Cummings,

Van Dam Properties has been presented with an opportunity to develop properties along Sheep Creek Road, sooner than later, adjacent to the future Phelan Pinon Hills Community Services District (CSD) Civic Center Plaza project. The District proposes to improve the frontage of their project on Sheep Creek Road extending the sidewalk, curb and gutter north to the DeGarcias property along with access improvements from Sheep Creek Road to the future Phelan Park expansion on parcel 3066-251-14 and 3066-261-08 providing circulation access to the future park.

We are working with the CSD in providing a 35-foot easement on the south portion of our parcels 3066-251-05 (0.7 ac) and -06 (2.27 ac) opting them to move forward with completing their design plans for the construction of the Civic Center Plaza and preliminary planning for the future park. These improvements have given us a head start to begin planning stages of development of our properties.

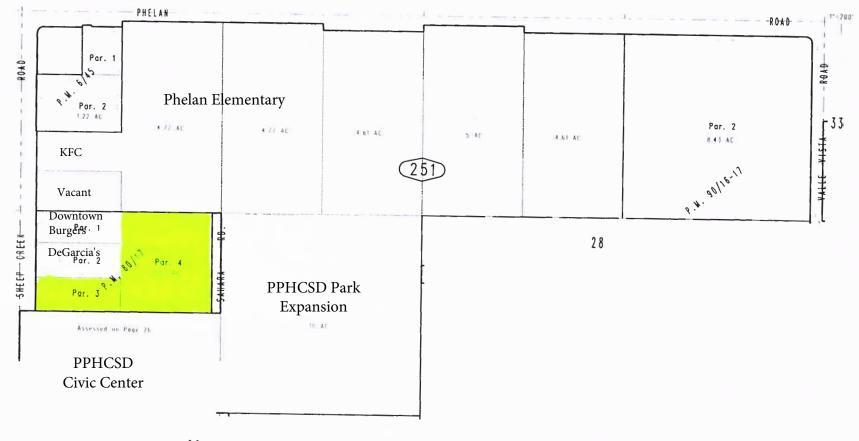
Both properties are within the Sheep Creek Water Company's (SCWC) service boundary and currently do not have water service. We are aware of SCWC's moratorium on issuing new water service, at the earliest, could be in 2024. We would kindly request permission from Sheep Creek Water Company to be served by Phelan Pinon Hills Community Services District. If given permission, we will be required to request water service from the CSD. Our pre-planning of our properties along with the proposed Civic Center Plaza and the future Phelan Park expansion is an exciting for the community. If you have any questions, please feel free to reach me at 661-889-6802. Thank you for the consideration.

Best	Regard	s,

Gary Van Dam







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Assessor's Map Book 3066 Page 25 San Bernardino County





#### State Water Resources Control Board Division of Drinking Water

March 17, 2020

System No. 3610109

Chris Cummings, General Manager Sheep Creek Water Company P.O. Box 291820 Phelan, CA 92329 sheepcreek@verizon.net

#### COMPLIANCE ORDER NO.05\_13\_18R\_002A1 SOURCE CAPACITY VIOLATION

Enclosed is Compliance Order No. 05\_13\_18R\_002A1 (hereinafter "Order"), issued to the Sheep Creek Water Company public water system (hereinafter "System"), public water system. Please note there are legally enforceable deadlines associated with this Order.

The System will be billed at the State Water Resources Control Board's (hereinafter "State Water Board"), hourly rate for the time spent on issuing this Order. California Health and Safety Code (hereinafter "CHSC"), Section 116577, provides that a public water system must reimburse the State Water Board for actual costs incurred by the State Water Board for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with an order. At this time, the State Water Board has spent approximately 2 hour(s) on enforcement activities associated with this violation.

The System will receive a bill sent from the State Water Board in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the System for the current fiscal year.

Any person who is aggrieved by a citation, order or decision issued under authority delegated to an officer or employee of the state board under Article 8 (commencing with CHSC, Section 116625) or Article 9 (commencing with CHSC, Section 116650), of the Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4), may file a petition with the State Water Board for reconsideration of the citation, order or decision.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

Petitions must be received by the State Water Board within 30 days of the issuance of the citation, order or decision by the officer or employee of the state board. The date of issuance is the date when the Division of Drinking Water mails a copy of the citation, order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day by 5:00 p.m.

Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact Hector Cazares of my staff at (909) 383-4312 or me at (909) 383-4328.

Sincerely,

Sean F. McCarthy, P.E.

Chief, South Coast Section

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Southern California Field Operations Branch

**Enclosures:** 

Certified Mail No. 7017 0660 0001 1704 8464

cc: David Alaniz, SB County EHS, via email at <a href="mailto:David.Alaniz@dph.sbcounty.gov">David.Alaniz@dph.sbcounty.gov</a> Gabriela Garcia, SB County EHS via email at <a href="mailto:Gabriela.Garcia@dph.sbcounty.gov">Gabriela.Garcia@dph.sbcounty.gov</a>

1	Compliance Order No. 05, 42, 40D, 00044
	Compliance Order No. 05_13_18R_002A1
2	STATE OF CALLEODALA
3	STATE OF CALIFORNIA
4	STATE WATER RESOURCES CONTROL BOARD
5	DIVISION OF DRINKING WATER
6	
7	Name of Public Water System: Sheep Creek Water Company
8	Water System No: 3610109
9	
10	Attention: Chris Cummings, General Manager
11	P.O. Box 291820
12	Phelan, CA 92329
13	, , , , , , , , , , , , , , , , , , , ,
14	Issued: March 17, 2020
15	100000. Waton 17, 2020
	AMENDED COMPLIANCE OPDED FOR VIOLATION OF CALLED THE AMENDED
16	AMENDED COMPLIANCE ORDER FOR VIOLATION OF CALIFORNIA HEALTH
17	AND SAFETY CODE SECTION 116555(a)(3) AND
18	CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64554
19	
20	SOURCE CAPACITY VIOLATION
21	2018
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23	The California Health and Safety Code (hereinafter "CHSC"), Section 116655 authorizes
24	the State Water Resources Control Board (hereinafter "State Water Board"), to issue a
25	compliance order to a public water system when the State Water Board determines that
26	the public water system has violated or is violating the California Safe Drinking Water
	-
27	Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4,

commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

The State Water Board, acting by and through its Division of Drinking Water (hereinafter "Division"), and the Deputy Director for the Division, hereby issues Compliance Order No. 05\_13\_18R\_002A1 (hereinafter "Order") pursuant to Section 116655 of the CHSC to the Sheep Creek Water Company (hereinafter "System"), for violation of CHSC, Section 116555(a)(3), requiring a reliable and adequate supply of pure, wholesome, healthful, and potable water, and California Code of Regulations (hereinafter "CCR"), Title 22, Section 64554, setting source capacity requirements.

#### STATEMENT OF FACTS

The System is classified as a community public water system with a population of 3,354 serving 1,183 connections. The System operates under Domestic Water Supply Permit No. 78-007 issued by the State Water Board on February 9, 1978.

The System relies on six (6) groundwater wells: Wells 2A, 3A, 4A, 5, 8, 11 and one (1) tunnel source which is also classified as groundwater.

As a result of Compliance Order No. 05-13-18R-002 the State Water Board imposed a service connection moratorium which directed the System to not make any additional service connections to its water system, including any such service connections for which a "will serve" letter was issued at any time by the System, but for which a building permit was not issued prior to the date of Compliance Order No. 05-13-18R-002.

On November 28, 2018 the State Water Board permitted Well 11 as an approved potable source for the System. The well is equipped to supply up to 251 gallons per minute (gpm) into the distribution system per the initial pump test completed on July 16, 2018.

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source capacity issue which included an assessment of consolidation with a nearby public water system. The feasibility report has been attached to this Order as Appendix 1. The feasibility study discussed cost estimates, including the operation and maintenance (O&M) costs, and the potential environmental impacts of each of the options considered. The report identified and assessed two alternatives; either maintain the System as an independent water purveyor by drilling and operating additional water supply wells to meet MDD requirements or have the System consolidate with Phelan Pinon Hills Community Services District. In accordance with the feasibility study the cost for consolidation would amount to a net present value of \$3.4 million dollars including operation and maintenance costs in comparison to the net present value of \$6.5 million dollars including operation and maintenance costs to maintain the System as a public water purveyor and drill additional sources. Based on the cost analysis of the feasibility report, the consolidation with Phelan Pinon Hills Community Services District would be the more feasible alternative. However, based on discussions with the System's general manager and the System's board of directors, the preferred alternative was identified in the report as maintaining the System as an independent water purveyor by drilling and operating additional water supply wells to meet MDD requirements.

On January 14, 2019 the System completed a feasibility report addressing the water

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On August 17, 2019 the System held a special meeting for System shareholders to present the alternatives for compliance. Based on the System's voting procedure the shareholders gave authority to proceed with drilling the additional sources required to meet the System's source capacity requirements rather than consolidate with Phelan Pinon Hills Community Services District. This information was provided by the System to the Division from a letter submitted by the System on August 28, 2019. The letter has been attached to this Order as Appendix 2.

On August 28, 2019 the Division received a corrective action plan which stated that with the approval of the System's shareholders, the System's board of directors is prepared to proceed with the development of additional water source facilities to bring the System into compliance with source capacity requirements. Based on the timeline included in the corrective action plan the System will be in compliance with source capacity requirements by no later than October 1, 2023. The corrective action plan was approved by the Division on January 3, 2020 and has been attached to this Order as Appendix 2. As part of the corrective action plan's approval the Division has addressed financial concerns on the feasibility of this project. Within the approval the Division has stated that the System should assess all the financial risks that could result from this project and has advised the System to be prepared in budgeting the project without causing financial hardship on the System or its shareholders.

CHSC, Section 116555(a)(3) requires all public water systems to provide a reliable and adequate supply of pure, wholesome, healthful, and potable water and CCR, Title 22, Section 64554(a) requires that public water systems shall at all times have the capacity to meet the System's maximum day demand (MDD) as established by Section 64554 subsection (b).

#### DETERMINATION

Based on the above Statement of Facts, the State Water Board has determined that without additional source capacity, the System may not be able to provide an adequate and reliable supply of water to its customers and has failed to comply with requirements from CHSC, Section 116555(a)(3) and CCR, Title 22, Section 64554. The Division has the authority under Sections 116655 (a)(2) and 116655 (b)(4) of the CHSC to take steps necessary to prevent increasing water demands for the System until such time that an adequate and proven source capacity is provided.

#### **DIRECTIVES**

To ensure that the water supplied by the System is at all times reliable and adequate, the System is hereby directed to take the following actions:

- 1. Upon receipt of this Order, the Division continues to impose a service connection moratorium on the System and directs the System to not make any additional service connections to its water system, including any such service connections for which a "will serve" letter was issued at any time by the System, but for which a building permit was not issued prior to the date of Compliance Order No. 05-13-18R-002 being issued. As used in this Order, "will serve" letter means any form of notice, representation or agreement that the System will supply water to a property, parcel or structure
- 2. Per Section 116530 of the California Health and Safety Code, the Division requires that information related to the System's financial capacity be submitted no later than August 31, 2020. For the purpose of this directive, the financial information must include, but is not limited to the following:
  - a. An overall evaluation of the financial health of the system by a Certified Public Accountant or appropriately qualified financial officer. The evaluation must include and take into consideration audited financial statements from the past 5 years, monthly revenue and expenses from the past 5 years, management and status of outstanding debt and impending debt that will be accrued as a result of the requirements outlined in this Order and from any other planned water system expenses, documentation demonstrating how funding for the requirements outlined in this Order will be secured and financed, information on the expected increase in operational expenses due to the requirements outlined in this Order, management and status of the System's reserve funds, and information on

the System's rate structure and any proposed rate increases that are anticipated. The evaluation must include a concluding statement on the System's overall current and anticipated financial health.

- b. An asset management plan (AMP) must be completed by the System. The AMP must include an inventory of the System's infrastructure components, a description of the components' condition, age, service history, and useful life, criteria to determine when to repair, rehabilitate or replace assets, a prioritization of critical assets, long term funding strategies, and a timeline delineating the schedule for the System's asset management plan.
- c. A summary of operational costs associated with operation of Well 11. The summary must consider average operational costs and usage since the issuance of the Division's permit for Well 11 on November 28, 2018.
- d. The System must complete the Financial Assessment Questionnaire for Disadvantaged Medium/Large Community Water Systems included in Appendix 3 of this Order. The questionnaire provides several resources and guidance documents that are available to assist the System in completing items a & b of this directive.
- 3. As stated in Directive No. 8 of Compliance Order No. 05-13-18R-002 the System must perform the State Water Board approved Corrective Action Plan, and each and every element of said plan, according to the time schedule set forth therein.
- 4. In accordance with CCR, Title 22, Section 64554(a), a public water system must at all times have adequate source capacity to meet the highest 10-year MDD, which for the System would be 1,970,000 gallons per day recorded from July 2014. Using the System's most conservative production yield records from July 2018, the System only produced a combined source flow of 720,000 gallons per day. Since the System's lowest production yield in July 2018, Well 11 was installed, adding an additional 360,000 gallons per day in source capacity.

Therefore, the System must construct and submit permit application(s) for additional water supply sources until an additional 890,000 gallons per day of production is achieved, which equates to the difference between the System's 10-year MDD and its lowest record of production. The System shall achieve compliance with all source capacity requirements as described in CCR, Title 22, Section 64554 no later than **December 1, 2023.** A source capacity evaluation has been included in Appendix 4 of this Order.

- 5. Per the State Water Board approved Corrective Action Plan, the System shall have Well No. 12 constructed and equipped for operation into the distribution system no later than **June 1, 2022.**
- 6. Per the State Water Board approved Corrective Action Plan, the System shall have Well No. 13 constructed and equipped for operation into the distribution system no later than **November 1, 2022.**
- 7. Per the State Water Board approved Corrective Action Plan, if deemed necessary to comply with source capacity demand requirements as described in Directive 3 of this Order, the System shall have Well No. 14 constructed and equipped for operation into the distribution system by no later than **June 1, 2023.**
- 8. Per the State Water Board approved Corrective Action Plan, if deemed necessary to comply with source capacity demand requirements as described in Directive 3 of this Order, the System shall have Well No. 15 constructed and equipped for operation into the distribution system by no later than **November 1, 2023.**
- 9. The System must complete and submit to the Division pump tests for all sources demonstrating compliance with the source capacity requirements described in Directive 3 of this Order no later than December 1, 2023. Pump tests shall be

The State Water Board reserves the right to make modifications to this Order as it may i deem necessary to protect public health and safety. Such modifications may be issued 2 as amendments to this Order and shall be effective upon issuance. 3 4 Nothing in this Order relieves the System of its obligation to meet the requirements of 5 6 the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued or adopted thereunder. 7 8 **PARTIES BOUND** 9 This Order shall apply to and be binding upon the System, its owners, shareholders, 10 officers, directors, agents, employees, contractors, successors, and assignees. 11 12 SEVERABILITY 13 The directives of this Order are severable, and the System shall comply with each and 14 every provision thereof notwithstanding the effectiveness of any provision. 15 16 17

#### **FURTHER ENFORCEMENT ACTION**

The California SDWA authorizes the State Water Board to issue a citation or order with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the State Water Board to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, or to petition the superior court to take various measures against a public water system that has failed to comply with an order of the State Water Board, including issuance of an injunction to enforce a compliance plan, enjoining further service connections, or any other relief that may be required to ensure compliance with the SDWA and applicable regulations. The State Water Board does not waive any further enforcement action by issuance of this Order.

March 17, 2020

 Chief, South Coast Section

Southern California Field Operations Branch

Chief, South Coast Section

#### 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

#### CORRECTIVE ACTION PLAN

SWRCB Compliance order NO 05-13-18R002

June 2019 Updated August 28, 2019

Sheep Creek Water Company (SCWC) is a private Shareholder owned Water Company with approximately 1,400 shareholders totaling 8,000 shares in the company servicing a portion of the community of Phelan. The majority of SCWC's water supplies come from an underground Tunnel and 5 ground water wells within the Swarthout Canyon. The SCWC water system is recognized by the State Water Resources Control Board (SWRCB), Division of Drinking Water (DDW) as Sheep Creek Water Company (Water System No. CA3610109). The water system is classified as a Community Water System and supplies water for domestic purposes to the unincorporated portions of San Bernardino County in Phelan, CA. DDW regulates the water system under Domestic Water Supply Permit No.78-007 as issued on February 9, 1978 with the newest permit amendment for Well #11 dated November 28, 2018.

Due to drought conditions in the State of California and below average rainfall in the area, in 2016, water supplies within the Swarthout Canyon continued to decline. February 2016, SCWC was capable of producing 3,001 gpm suppling an allotment of 1,000 cubic per share to the 8,000 shares available in the company. May 2016 supply dropped to 2,569 gpm with weekly drops in production and water levels. By the end of August 2016 production on the SCWC supply was down to 640 gpm. Due to the drops in production, the Board of Directors began to lower the allotment on shares to cut water use to remain within production. SCWC received water from Phelan Pinon Hills Community Service District (PPHCSD) from August 2, 2016 through September 6, 2016.

In preparation of the 2017 summer and continued lack of recharge in the Sheep Creek Canyon, the Board of Directors continued to cut the allotment to keep consumption within the available production. In spring 2018, SCWC began to see additional drops in production and water levels with the high of 1,301 gpm in February 2018 and the lowest production in July 2018 at 502 gpm. The Board of Directors continued to implement drastic cuts in the water allotment along with implementing a tiered water rate and increasing overage charges. SCWC began to receive water from PPHCSD on August 10, 2018 and on August 22, 2018, SCWC notified the SWRCB that SCWC will continue to purchase water from PPHCSD. SCWC purchased water from PPHCSD until August 30, 2018.

On August 30, 2018, SCWC received a Compliance order from the SWRCB for a Source Capacity Violation due to SCWC unable to meet the Max Day Demands (MDD). The highest recorded MDD was on July 12, 2014 with a total production of 1.78 million gallons per day (MGD). Upon the receipt of the Compliance Order, SCWC was nearly complete with a secondary source of supply within the Mojave

Water Agency boundaries located in the Alto Sub Basin. Well #11 was approved and permitted by the SWRCB, DDW on November 28, 2018 with a production of 251 gpm.

As required by the SWRCB Compliance Order, a feasibility study by Infrastructure Engineering Corporation (IEC) was completed with two alternative plans for bringing SCWC into compliance. Due to SCWC being a Shareholder owned company overseen by a Board of Directors elected by the Shareholders, the Board began exploring both alternatives for compliance. The Board of Directors planned to present both alternatives to the Shareholders at the SCWC Annual Shareholders Meeting on May 11, 2019 but did not have enough information regarding consolidation to ask for a vote. SCWC sent a letter to the SWRCB-DDW on April 19, 2019 requesting an extension of time to have a vote of the Shareholders as to the preferred alternative of compliance. On May 10, 2019, the SWRCB-DDW granted SCWC an extension of time until August 31, 2019 for preferred plan of compliance.

The following timeline for Shareholder approved alternative compliance plan:

- Revised Compliance Plan Due- June 1, 2019
- PPHCSD Discussions and Consolidation Plan- June 2019 July 2019
  - o SCWC proposed consolidation plan to be submitted to PPHCSD- June 7, 2019
  - o Appraisal of Sheep Creek Water District- July 1, 2019
  - o Additional Committee Meeting(s) to discuss proposed consolidation
- Discuss with SWRCB-DFA for available funding opportunities
- Prepare Special Shareholders Meeting- July August 2019
  - o Prepare agenda with proposed alternatives of compliance
  - o Prepare information and material for Shareholders-July 1 12, 2019
  - o Send information to Shareholders for Special Meeting- July 17, 2019
- Special Shareholders Meeting- August 17, 2019
  - o Vote of the Shareholders to approve preferred alternative for compliance
- Notify SWRCB-DDW of Shareholder approved alternative for compliance- August 30, 2019

#### **Drill Additional Well for Source Capacity Compliance**

SCWC has taken action over the past several years to reduce the systems MDD. SCWC began reducing water allotments along with reducing demand in May 2015 with the implementation of the Governor of California's Drought Regulation, mandating a 20% reduction in all water use. Along with the reductions in 2015, the SCWC Board of Directors continued to reduce water allotments as water levels and production began and continued to fall. The SCWC Board of Directors also implemented a Tiered water rate structure to reduce additional water use over Shareholders allotment.

SCWC began taking action to alleviate the source capacity issues with the approval of Well #11, to be located outside of the company's exiting well field and drilled within the Alto Sub Basin located within the Mojave Water Agencies Boundaries. CEQA was completed in early 2018 and the well was drilled and completed by fall 2018. The SWRCB approved the well into the system in November 2018 after the Source Capacity Violation was issued. The increased capacity of .36 MGD combined with the lowest capacity of .72 MGD brings the total pumping capacity of SCWC to 1.08 MGD leaving a deficit of .70 MGD. The 1.08 MGD does not take into account the regulation of the highest producing source being taken offline.

With the recommendation from the required feasibility study that was completed by IEC, up to four additional wells will need to be drilled within the SCWC water district. The assumption of four wells is based on the recently completed SCWC Well #11. Well #11 was drilled to a depth of 1,500 feet with a production of 250 GPM at a water level of approximately 950 feet below ground surface. Following approval from the SCWC Shareholders to move forward, the Board of Directors will begin the process for the installation of the first well (Well #12) in the project. SCWC will continue to drill the additional wells as needed to produce the additional .70 MGD. With the assumption that the additional wells produce .36 MGD as Well #11, a total of three wells may need to be drilled to meet the SWRCB regulation for a water systems MDD.

SCWC will locate the new wells within the best location of existing pipeline infrastructure. With locating the wells within areas of the water system that have larger diameter pipelines, this will reduce the infrastructure needed to connect the wells to the system along with reducing the cost to the Shareholders. As of this time, the cost, construction, water production and water quality for all additional wells are being based on the newly completed Well #11. Water quality is unknown and is not taken into account in the proposed timeline. Water quality will be addressed if necessary following the completion of title 22 water quality sampling.

With Shareholder approval to drill additional wells, the following will be completed for compliance:

- Continue working with CRWA for funding of new wells and possible infrastructure upgrades
- CEQA compliance for each well project needed
  - o If possible, projects to be combined
- Installation of Well #12 & 13
  - o Drill well with estimated depth of 1,500 feet
  - o 12 16 inch diameter casing with estimated 500 foot louvered section
  - o Test pump well with estimated production of 250 GPM or .36 MGD
  - o Application for Southern California Edison- Electrical Service
  - o Installation of pumping equipment
  - o Well head pipe work
  - Onsite and offsite pipe work to connect to water system- Estimated distance 500 feet
  - o Installation of electrical equipment and SCE service
- Installation of Well #14 & 15 (If Necessary for Compliance)
  - o Drill well with estimated depth of 1,500 feet
  - o 12 16 inch diameter casing with estimated 500 foot louvered section
  - o Test pump well with estimated production of 250 GPM or .36 MGD
  - o Application for Southern California Edison- Electrical Service
  - o Installation of pumping equipment
  - o Well head pipe work
  - o Onsite and offsite pipe work to connect to water system- Estimated distance 2800 feet
  - o Installation of electrical equipment and SCE service

**Funding** SCWC has been working with the California Rural Water Association (CRWA) for two years to acquire grant funding to bring SCWC into compliance and complete additional projects within the water district. SCWC will continue to work with CRWA to seek funding from SWRCB-DFA for

completion of the additional wells as recommend in the Final Engineering Report that was submitted in July 2019.

SCWC is working with a funding consultant, Waterfunder LLC, for private funding along with possible additional grant funding that may be available. The options for payment of the loans will be put to the Shareholders to vote on payment options.

Estimated cost per well is based on similar design as Well #11:

- \$900,000 per well with pipeline & electrical installation
  - o Estimated cost per share per well for loan repayment- \$150 per share
    - Estimated cost is based on 10 year loan with assessment collection cost
  - Estimated cost per service connection per month per well for loan repayment-\$8.00 per service-\$960 per meter service
    - Estimated cost is based on 10 year loan with interest
- Upon approval by the SWRCB-DDW, as additional source capacity becomes available, SCWC
  can begin issuing new service connections with the additional funds to be available for the wells
  or any outstanding loans lowering the cost to the existing water users and Shareholders.

Timeline for Compliance With approval of the SCWC Shareholders to move forward with drilling additional wells within the SCWC water system, staff will begin moving forward with well locations for the additional wells. The plan is to work on the first two wells concurrently if possible to cut time on the project. Following approval of locations from the Board of Directors, CEQA documents will be completed and submitted. During the CEQA process, property acquisition will be completed, necessary permitting will begin and Bids will be submitted for well drilling. Following completion of test pumping, SCE application will be made, pumping equipment installed, on and off site pipe work will be completed concurrently. Documentation will be submitted to SWRCB-DDW for approval of a new water source.

#### **Estimated Project Timeline**

ID	Та	sk Name		Duration	Estimated Start Date	Estimated Completion Date
	1.	Project	t		September 2019	June 2023
	2.	Fundin	g, Applications & Approvals		September 2020	
	3.	Well Si	te Location & Acquisition		January 2020	
	4.	CEQA \	Wells 12 & 13			October 2020
		a.	Initial Study	3 months		
		b.	Lead Agency Submittal	2 months		
		c.	Review & Comment Period	30 days		
		d.	Mitigation	4 Months		
	5.	Engine	ering & Permitting	4 months		
	6.	Bid Pro	pject/Award Contract	60 days		November 2020
	7. Well No 12				January 2021	

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8.	Drill, Case, Test Well	60 days		
9.	Well Site Acquisition- Well 14 & 15	3 Months		
10.	CEQA Wells 14 & 15 (see Item 4 a-d)	10 months		
11.	Construct Well Site and Offsite Pipeline	90 days		
12.	Equipment Lead Time	60 days		
13.	SCE Application for Service	6 months		
14.	County Permit	30 days		
<b>15</b> .	DDW Permit	45 days		
16.	Well 12 Complete	0 days		December 2021
17.	Well No 13		June 2021	
18.	Drill, Case, Test Well	60 days		
19.	Construct Well Site and Offsite Pipeline	90 days		
20.	Equipment Lead Time	60 days		
21.	SCE Application for Service	6 months		
22.	County Permit	30 days		
23.	DDW Permit	45 days		
24.	Well 13 Complete	0 days		May 2022
25.	Well No 14- If Necessary		January 2022	
	Well No 14- If Necessary Drill, Case, Test Well	60 days	January 2022	
26.	•	·	January 2022	
26. 27.	Drill, Case, Test Well	·	January 2022	
26. 27. 28.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline	90 days	January 2022	
26. 27. 28. 29.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time	90 days 60 days	January 2022	
26. 27. 28. 29. 30.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service	90 days 60 days 6 months	January 2022	
<ul><li>26.</li><li>27.</li><li>28.</li><li>29.</li><li>30.</li><li>31.</li></ul>	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit	90 days 60 days 6 months 30 days	January 2022	December 2022
<ul><li>26.</li><li>27.</li><li>28.</li><li>29.</li><li>30.</li><li>31.</li><li>32.</li></ul>	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit	90 days 60 days 6 months 30 days 45 days	January 2022 June 2022	December 2022
<ul><li>26.</li><li>27.</li><li>28.</li><li>29.</li><li>30.</li><li>31.</li><li>32.</li><li>33.</li></ul>	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete	90 days 60 days 6 months 30 days 45 days		December 2022
26. 27. 28. 29. 30. 31. 32. 33.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary	90 days 60 days 6 months 30 days 45 days 0 days		December 2022
26. 27. 28. 29. 30. 31. 32. 33. 34.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary Drill, Case, Test Well	90 days 60 days 6 months 30 days 45 days 0 days		December 2022
26. 27. 28. 29. 30. 31. 32. 33. 34. 35.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary Drill, Case, Test Well Construct Well Site and Offsite Pipeline	90 days 60 days 6 months 30 days 45 days 0 days 60 days 90 days		December 2022
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time	90 days 60 days 6 months 30 days 45 days 0 days 60 days 90 days 60 days		December 2022
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service	90 days 60 days 6 months 30 days 45 days 0 days 60 days 90 days 60 days 6 months		December 2022
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38.	Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit DDW Permit Well 14 Complete Well No 15- If Necessary Drill, Case, Test Well Construct Well Site and Offsite Pipeline Equipment Lead Time SCE Application for Service County Permit	90 days 60 days 6 months 30 days 45 days 0 days 60 days 90 days 60 days 60 days 60 days		December 2022 May 2023

### Financial Assessment Questionnaire for Disadvantaged Medium/Large Community Water Systems

#### Financial Assessment Questionnaire for Disadvantaged Medium/Large CWS

#### **Asset Management**

- 1) Do you have as-built drawings and maps of all water system facilities showing the locations of each water source, treatment facilities, pumping plant(s), storage tanks, water mains, isolation valves, etc.? Choose an item. When were the schematic drawings and maps last updated? Click or tap to enter a date.
- 2) Do you have an asset inventory? Choose an item.
- 3) Do you evaluate assets for their condition and/or criticality of repair, rehabilitation, or replacement? Choose an item. What is the date of the last evaluation? Click or tap to enter a date.
- 4) Do you have an asset management plan? Choose an item. What is the date of the plan? Click or tap to enter a date.

#### Strategic Plans - Master Plan / Capital Improvement Plan / Facility Replacement and Refurbishment Plan

- 5) Do you have a Master Plan (MP), Capital Improvement Plan (CIP), or another strategic plan? Choose an item. What is the date of the last update? Click or tap to enter a date.
- 6) What percent of your annual budget is allocated to CIP reserve? Choose an item. How often is the CIP Reserve funded? Choose an item. Is the annual amount funded to the CIP reserve equal to or greater than the amount of depreciation of system assets? Choose an item.

#### Reserves Management

- 7) Do you maintain separate reserve funds? Choose an item. If so, do you have the following types of reserve funds:
  - a. Debt Choose an item. What percent of your budget is deposited annually? Choose an item.
  - b. Operations Choose an item. What percent of your budget is deposited annually? Choose an item.
  - c. Emergency Choose an item. What percent of your budget is deposited annually? Choose an item.
  - d. Capital Choose an item. What percent of your budget is deposited annually? Choose an item.
- 8) Are there specific deposit and withdrawal policies or guidelines for the reserve accounts? Choose an item.
- 9) Do you have mutual aid arrangements in place? Choose an item.
  - a. Do you have a funding mechanism in place to support mutual aid requests? Choose an item.

#### **Debt Management**

- 10) Do you have any outstanding private, State, or Federal loans related to the water system? Choose an item. If so, what is the date of final debt payout? Click or tap to enter a date. Is the water system delinquent or in default on any debt(s)? Choose an item.
- 11) Are all the necessary debt reserve requirements met? Choose an item.
- 12) Is the water system utilizing long-term debt to finance operations? Choose an item.

#### **Financial Budgeting**

- 13) Is your drinking water system budget maintained separately from other utility or service budgets? Choose an item.
- 14) Does your drinking water system prepare an annual budget document for the upcoming year's operating plan, clearly identifying the projected revenue? Choose an item. Is this budget adopted before the beginning of the fiscal year? Choose an item.

#### **Financial Planning**

- 15) Have revenues been sufficient to cover expenses for the past three years? Choose an item.
  - a. Are total revenues sufficient to cover total expenses (including the debt payment, CIP upgrades, and the costs of emergency maintenance)? Choose an item.
  - b. Are rates high enough to meet short term and long-term needs? Choose an item.
  - c. Is there a formal growth-pays-for-growth policy and is it reflected in the rate structure? Choose an item.
  - d. When was the last rate increase? Click or tap to enter a date.
  - e. When were water rates last evaluated? Click or tap to enter a date.
- 16) What percentage of customers do not pay their bill? Choose an item. Is non-payment absorbed into the budget? Choose an item. Are there reserves maintained to make-up for customer non-payment? Choose an item.

#### **Financial Accounting**

- 17) Does the water system have formal accounting systems and written procedures for financial records? Choose an item.
- 18) Who records financial transactions? Choose an item. Who approves financial transactions? Choose an item.
- 19) How often are bank statements reconciled against the water system's accounting records? Choose an item. Who performs the reconciliation? Choose an item.

#### Financial Reporting

20) Are financial reports/standard financial statements prepared for review by the governing board/auditor? Choose an item. How often? Choose an item. Are these reports and standards routinely made available to system customers? Choose an item.

#### **Board Members Training**

21) Have board members received training on financial budgeting and obligations, if applicable? Choose an item.

#### Appendix 4

#### Source Capacity Evaluation

	Parameter:	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Production	Max Day (MG)	1.83	1.68	1.9	1.78	1.76	1.97	1.14	1.54	1.06	1.09
	Date	Aug-12th	Jul-25th	Jun-6th	Aug-26th	Jul-13th	Jul-4th	Aug-8th	June-30th	June-30th	May-8th
ğ	Max Month (MG)	36.35		35.05	39.15	38.96	39.81	29.49	35.7	25.49	22.71
Po	Date	Aug.	July	July	August	July	July	August	August	August	August
	Annual (MG)	279.21	264.84	270.34	304.3	333.38	330.16	260.24	252.51	223.5	197.99
773	Max Day (MG)	0	0	0	0	0	0	0	0	0	0
Purchased	Date	- 1	•	-	-	-	-		-	-	-
Ę	Max Month (MG)	0	0	0	0	0.08	0	0	4.06	0	5.52
P.	Date	-	•	•	-	-	-	-		-	-
	Annual (MG)	0	0	0	0	0.08	0	0	4.64	0	5.52
	Max Day (MG)	0.6	0	0	0	0	0	0	0	0	0
75	Date	Aug-11th	-	-	•			•		1	-
Sold	Max Month (MG)	2.6	0	0	0	0.92	0	0.25	0	0	0
	Date	August				June	-	-			
	Annual (MG)	2.6	0	0	0	0.92	0	0.41	0	0	0
Daily Basis	Max Day Demand (MDD)	1.23	1.68	1.9	1.78	1.76	1.97	1.14	1.54	1.06	1.09
Į.	Avg. Hr Flow	0.05	0.07	0.08	0.07	0.07	0.08	0.05	0.05	0.04	0.05
ğ	PHD = Avg. Hr x 1.5	0.08	0.11	0.12	0.11	0.11	0.12	0.07	0.10	0.07	0.07
Sis	Annual Demand	276.61	264.84	270.34	304.3	332.54	330.16	259.83	257.15	223.5	203.51
Yearly Basis	Avg. Daily Usage	0.76	0.73	0.74	0.83	0.91	0.90	0.71	0.70	0.61	0.56
art	MDD = Avg. Daily*2.25(MDD)	1.71	1.63	1.67	1.88	2.05	2.04	1.60	1.59	1.38	1.25
۲e	Peak Hourly Demand (PHD)	0.11	0.10	0.10	0.12	0.13	0.13	0.10	0.10	0.09	0.08

DEMAND:

Maximum Day Demand (MDD)

1.97 MG

Production+Purchased-Sold= Demand

Based on Year Basis

		Lowest 10-year MDD:	1.06 MG
PRODUCTION:			White the state of
Source	Capacity (gpm)	Comments	
Well 2A	30	Based on July 2018 produc	tion records and Well 11 pump test from November 2018
Well 3A	25		. ,
Well 4A	60		
Well 5	124		
Well 8	141		
Well 11	251		
Tunnei	122		
Active Interconnections			
None			
<b>Emergency Interconnections</b>			
Phelan Pinon Hills CSD (3610)	120)	excluded from calculations,	, not permitted as a permanent interconnection
Surface Water		·	

None

**Production Summary** 

753 Sources Interties 0 Total 753 gpm

1.08 MGD

ANALYSIS:

	Value		Units
Total Source Capacity		1.08	MGD
Total Storage Capacity		6.12	MGD

Net Interconnections+GW+SW

#### Maximum Daily Demand (Section 64554)

Maximum Daily Demard (MDD) MGD 1.97 1368 gpm Is Source Capacity alone>MDD? NO

Does Source Capacity meet

lowest 10-year MDD?

YES

0,89

Additional source capacity required to meet highest MDD

MGD

Peak Hourly Demand (Section 64554) PHD 0.12 MG/hr 4 hours PHD 0.49 MG Source Capacity 0.05 MG/hr Storage Capacity MG/hr 0.13 Assume: 50% of storage will be available during PHD **Emergency Connections** MG/hr Sum of Storage & Sources 0.17 MG/hr 4 hrs of Storage, & Sources 0.69 MG Is Sum of Storage & Sources >PHD? YES

Reliability of Source Capacity

Can MDD be met with highest source offline?

NO

#### Quarterly Progress Report

#### **APPENDIX 5: QUARTERLY PROGRESS REPORT**

Water System: Sheep Creek Water Compa	any Water Syst	em No: 3610109
Compliance Order No: 05_13_18R_002A1	Violation:	Source Capacity
Calendar Quarter:	Date:	
This form should be prepared and signed by directives of the Compliance Order and the necessary. The quarterly progress report m to the Division of Drinking Water, District 13 437 San Bernardino, CA 92401.	e Corrective Action Plan. ust be submitted by the	Please attach additional sheets of the day of each subsequent qual
Summary of Compliance Plan:		
Tasks completed in the reporting quarters		
rasks completed in the reporting quarters		
Tasks remaining to complete:		
Anticipated compliance date:		
Printed Name	Signature	
Title	Date	

#### Notification of Receipt Form

#### **APPENDIX 6 – NOTIFICATION OF RECEIPT**

Compliance Order Number: 05\_13\_18R\_002A1

Name of Water System: Sheep Creek Water Company

System Number: 3610109

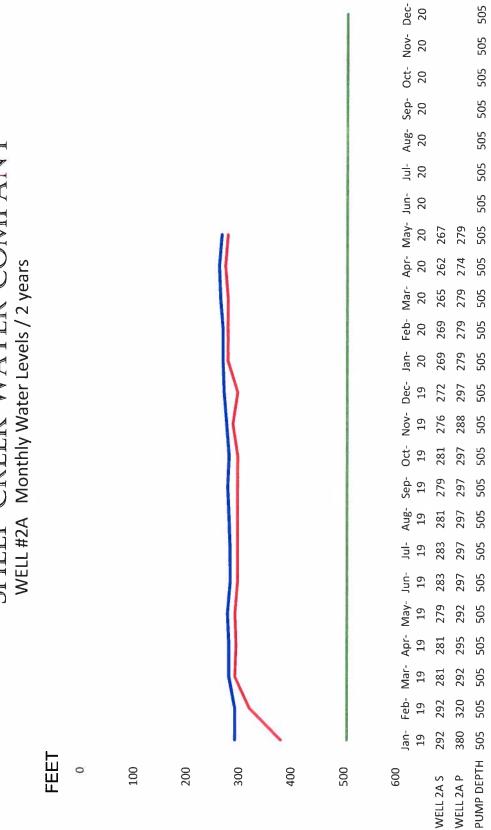
#### Certification

I certify that I am an authorized representative of the S	heep Creek Water Company and that Compliance
Order No. 05_13_18R_002A1 was received on	Further, I certify that the Order
has been reviewed by the appropriate management s	taff of the Sheep Creek Water Company and it is
clearly understood that Compliance Order No. 05_13_	18R_002A1 contains legally enforceable directives
with specific due dates.	
Signature of Water System Representative	Date

THIS FORM MUST BE COMPLETED AND RETURNED TO THE STATE WATER BOARD, DIVISION OF DRINKING WATER, NO LATER THAN April 17, 2020

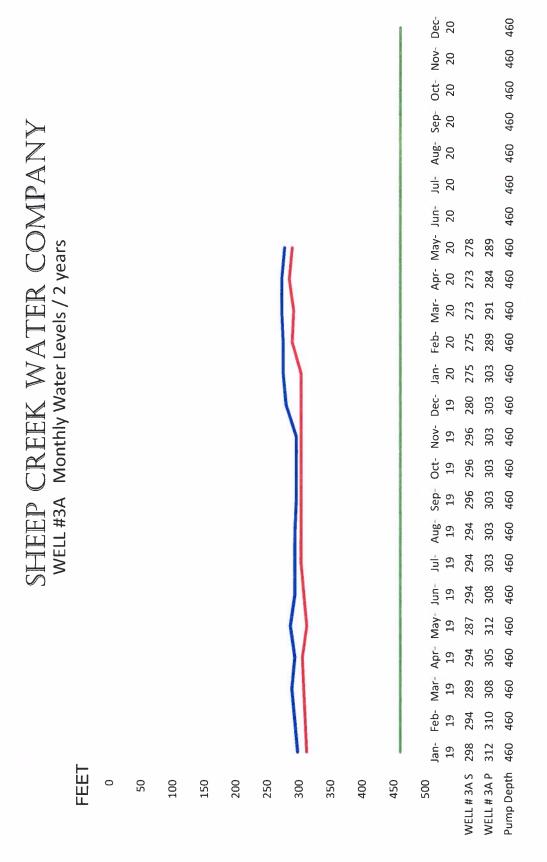
**Disclosure:** Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment.

# SHEEP CREEK WATER COMPANY WELL #2A Monthly Water Levels / 2 years



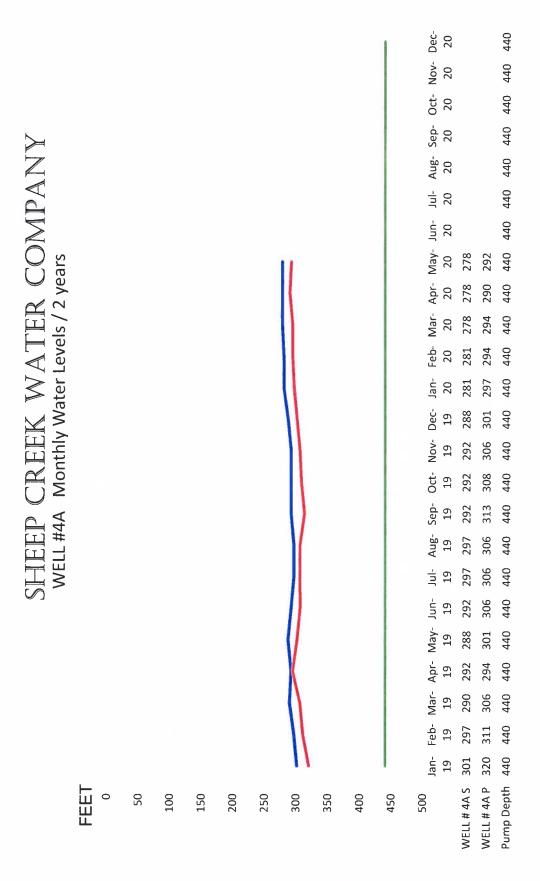
2019 / 2020





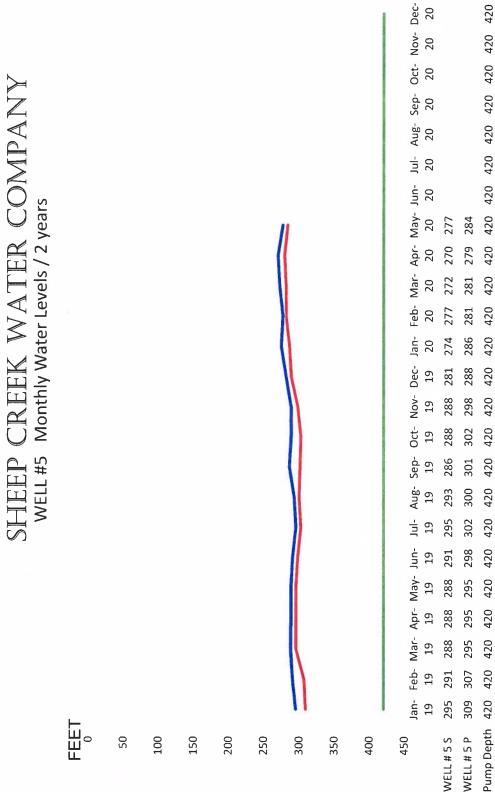
2019 / 2020

WELL#3AS WELL#3AP Pump Depth



2019 / 2020

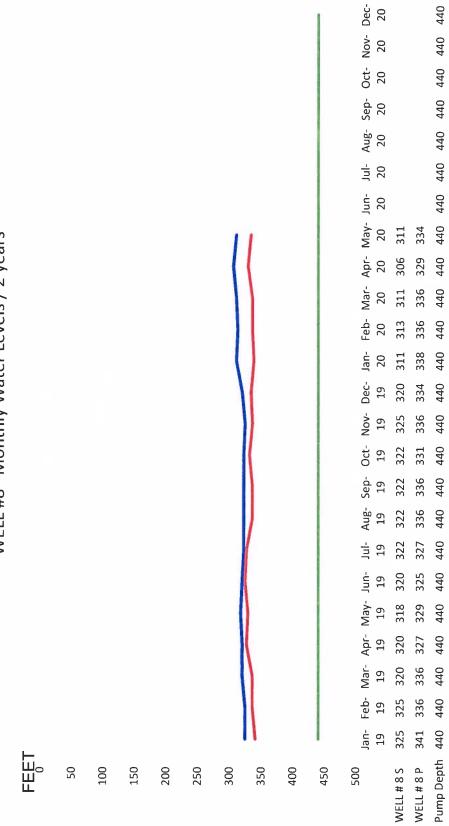
WELL#4AS WELL#4AP Pump Depth



2019 / 2020

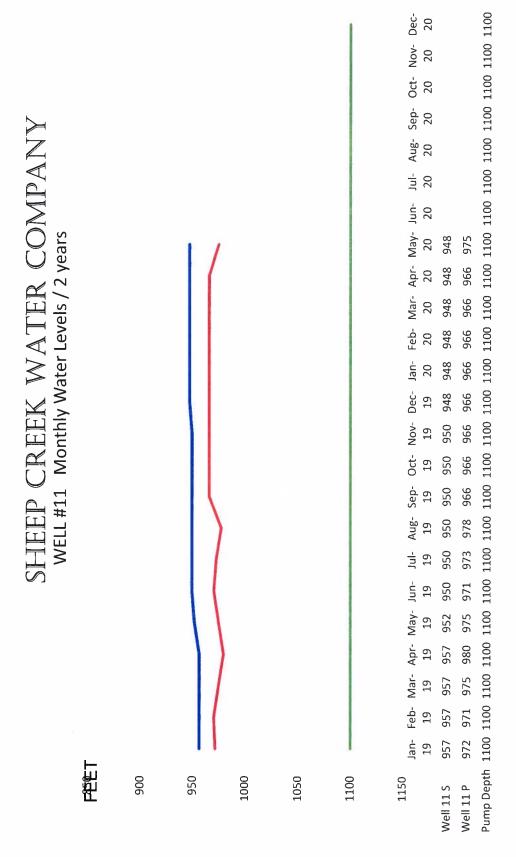
WELL#5S ——WELL#5P ——Pump Depth

# SHEEP CREEK WATER COMPANY WELL#8 Monthly Water Levels / 2 years



2019 / 2020

WELL#85 ——WELL#8P ——Pump Depth



2019 / 2020

