

## State Water Resources Control Board

Division of Drinking Water

August 30, 2018

System No. 3610109

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

### COMPLIANCE ORDER NO.05-13-18R-002 SOURCE CAPACITY VIOLATION

Enclosed is Compliance Order No.05-13-18R-002 (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. Appendix 1 to the enclosed Citation contains the relevant statutory provisions for filing a petition for reconsideration (CHSC, Section 116701).

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](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,



Eric J. Zúñiga, P.E.  
District Engineer  
San Bernardino District  
Southern California Field Operations Branch

Enclosures

Certified Mail No. 7017 0660 0001 1704 7559

cc: Joy Chakma, San Bernardino County EHS, via email at [Joy.Chakma@dph.sbcounty.gov](mailto:Joy.Chakma@dph.sbcounty.gov)  
Diana Almond, San Bernardino County EHS via email at [Diana.Almond@dph.sbcounty.gov](mailto:Diana.Almond@dph.sbcounty.gov)

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER

**Name of Public Water System:** Sheep Creek Water Company

**Water System No:** 3610109

**Attention:** Chris Cummings, General Manager

P.O. Box 291820

Phelan, CA 92329

**Issued:** August 30, 2018

**COMPLIANCE ORDER FOR VIOLATION OF CALIFORNIA HEALTH AND SAFETY  
CODE SECTION 116555(a)(3) AND  
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64554**

**SOURCE CAPACITY VIOLATION**

**2018**

The California Health and Safety Code (hereinafter "CHSC"), Section 116655 authorizes the State Water Resources Control Board (hereinafter "State Water Board"), to issue a compliance order to a public water system when the State Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4,



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

3  
4 The State Water Board, acting by and through its Division of Drinking Water (hereinafter  
5 "Division"), and the Deputy Director for the Division, hereby issues Compliance Order  
6 No.05-13-18R-002 (hereinafter "Order") pursuant to Section 116655 of the CHSC to the  
7 Sheep Creek Water Company (hereinafter "System"), for violation of CHSC, Section  
8 116555(a)(3), requiring a reliable and adequate supply of pure, wholesome, healthful,  
9 and potable water, and California Code of Regulations (hereinafter "CCR"), Title 22,  
10 Section 64554, setting source capacity requirements.

11  
12 A copy of the applicable statutes and regulations are included in Appendix 1, which is  
13 attached hereto and incorporated by reference.

#### 14 15 **STATEMENT OF FACTS**

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

19  
20 The System relies on five (5) groundwater wells: Wells 2A, 3A, 4A, 5, 8 and one (1)  
21 tunnel source which is also classified as groundwater. The System submitted production  
22 yield records to the Division on August 1, 2018, which demonstrated a significant  
23 decrease in the capacity of all sources over the past ten (10) years.

24  
25 Based on the most recent ten (10) years of production data, the System reported the  
26 highest MDD as 2,090,000 gallons per day in 2014. The lowest MDD was reported by  
27 the System in 2017 as 1,060,000 gallons per day. In accordance with California Code of  
28 Regulations, Title 22, Section 64554(a), a public water system must at all times have



1 adequate source capacity to meet the highest 10-year MDD, which here would be  
2 2,090,000 gallons from 2014. Using the System's most current production yield records  
3 from July 2018, the System is producing a combined source flow of 720,000 gallons per  
4 day, and therefore does not meet the maximum day demand (MDD) requirements.  
5 Summaries of production data, system demand data, and a source capacity evaluation  
6 were used to determine compliance with source capacity requirements and are included  
7 in Appendix 4.

8  
9 A water exchange agreement was signed on July 31, 2018 for an emergency  
10 interconnection for the System with Phelan Pinon Hills CSD (hereinafter "CSD").  
11 Because the agreement between the System and the CSD does not specify a minimum  
12 flow that will be provided to the System and the water flow is intended to be used for  
13 emergencies, the water flow from the interconnection cannot be considered when  
14 calculating the System's compliance with source capacity MDD requirements.

15  
16 On August 22, 2018 the System notified the Division of an impending water production  
17 shortage. The System reported that on August 10, 2018 they began to receive water  
18 from the CSD through their interconnection. After notifying the Division of the impending  
19 water shortage, the System stated that they will continue relying on water purchased  
20 from the CSD. The notification sent to the Division has been attached to this Order as  
21 Appendix 4.

22  
23 CHSC, Section 116555(a)(3) requires all public water systems to provide a reliable and  
24 adequate supply of pure, wholesome, healthful, and potable water and CCR, Title 22,  
25 Section 64554(a) requires that public water systems shall at all times have the capacity  
26 to meet the System's maximum day demand (MDD) as established by Section 64554  
27 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. Effective immediately, upon receipt of this Order, the Division imposes 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 this Order. 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. By **September 20, 2018**, the System must identify any and all properties for which "will serve" letters have been issued, but a service connection has not been made.
3. By **September 20, 2018**, the System must advise the owner(s) of those properties that were issued will serve letters, and all appropriate local planning agencies that the "will serve" letter issued for such property is null and void and may not be relied upon for any purpose.

1 4. By **September 28, 2018**, the System must provide to the Division the following  
2 documents:

3  
4 a) Copies of all “will serve” letters issued by the System at any time for which a  
5 service connection has not been made, including the address(es) or parcel  
6 number(s) of the respective property(ies);

7 b) A list of properties that were provided “will serve” letters and have a building  
8 permit(s) by the date of this order, including the address(es) or parcel  
9 number(s) of the respective property(ies);

10 c) a list of the property owners and applicable planning agencies it notified that  
11 its “will serve” letters are null and void along with a certification that the  
12 required notification was completed by the System; and

13 d) a current list of all service connections, including the address of each.  
14

15 5. On or before **November 20, 2018**, the System must submit to the Division a  
16 completed feasibility study that must review the proposed options for meeting the  
17 System’s water demand requirements. The Study must include consolidation with  
18 nearby public water systems as an option. The feasibility study must discuss cost  
19 estimates, including the operation and maintenance (O&M) costs, and the  
20 potential environmental impacts of each of the options considered. The report  
21 should identify a preferred alternative and include discussion on the reliability of  
22 the selected preferred alternative, and an explanation for why the other options  
23 were rejected.  
24

25 6. After Division approval of the preferred alternative, prepare for Division approval  
26 a Corrective Action Plan, identifying how it will implement the preferred alternative  
27 to ensure that the System delivers an adequate and reliable water supply to its  
28 consumers and addresses the System’s demand requirements. The plan must



1 include a time schedule for completion of each of the phases of the project, such  
2 as design, financing, environmental review, construction, and startup, and a date  
3 as of which the System will be in compliance with source capacity requirements,  
4 which must be no later than **May 31, 2019**, unless the System is able to  
5 demonstrate why a later compliance date is necessary.

6  
7 7. On or before **December 20, 2018**, submit the Corrective Action Plan required  
8 under Directive No. 6 above, to the State Water Board's office located at 464 W.  
9 4th Street, Room 437 San Bernardino, CA 92401.

10  
11 8. Perform the State Water Board approved Corrective Action Plan, and each and  
12 every element of said plan, according to the time schedule set forth therein.

13  
14 9. On or before **December 20, 2018** and every three months thereafter, submit a  
15 report to the State Water Board in the form provided as Appendix 2 showing  
16 actions taken during the previous quarter (calendar three months) to comply with  
17 the Corrective Action Plan.

18  
19 10. On or before **September 20, 2018** complete and return to the State Water Board  
20 the "Notification of Receipt" form attached to this Order as Appendix 3.  
21 Completion of this form confirms that the System has received this Order and  
22 understands that it contains legally enforceable directives with due dates.

23  
24 All submittals required by this Order, with exception of analytical results, must be  
25 electronically submitted to the State Water Board at the following address. The subject  
26 line for all electronic submittals corresponding to this Order must include the following  
27 information: Water System name and number, compliance order number and title of the  
28 document being submitted.

Eric J. Zúñiga, District Engineer

[Dwpdist13@waterboards.ca.gov](mailto:Dwpdist13@waterboards.ca.gov)

The State Water Board reserves the right to make modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance.

Nothing in this Order relieves the System of its obligation to meet the requirements of 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.

#### **PARTIES BOUND**

This Order shall apply to and be binding upon the System, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

#### **SEVERABILITY**

The directives of this Order are severable, and the System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

#### **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

1 the superior court to take various measures against a public water system that has failed  
2 to comply with an order of the State Water Board, including issuance of an injunction to  
3 enforce a compliance plan, enjoining further service connections, or any other relief that  
4 may be required to ensure compliance with the SDWA and applicable regulations. The  
5 State Water Board does not waive any further enforcement action by issuance of this  
6 Order.

### 8 RIGHT TO PETITION

9 CHSC section 116701(a) provides that any person aggrieved by this order may, within  
10 30 days of the date of this order, petition the State Board for reconsideration. See  
11 Appendix 1 for section 116701(b), which sets out the requirements for a petition.

12  
13  
14  
15 Sean F. McCarthy  
16 Sean F. McCarthy, P.E.

15 August 30, 2018  
16 Date

17 Chief, South Coast Section

18 Southern California Field Operations Branch

19  
20 Appendices [5]:

- 21 1. Applicable Statutes and Regulations
- 22 2. Quarterly Progress Report
- 23 3. Source Capacity Evaluation
- 24 4. Notification of impending water shortage from System to Division
- 25 5. Notification of Receipt Form
- 26
- 27



28 Certified Mail No. 7017 0660 0001 1704 7559



# Appendix 1

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# **APPENDIX 1. APPLICABLE STATUTES AND REGULATIONS FOR Compliance Order No.05-13-18R-002 Source Capacity Violation**

*NOTE: The following language is provided for the convenience of the recipient, and cannot be relied upon as the State of California's representation of the law. The published codes are the only official representation of the law. Regulations related to drinking water are in Titles 22 and 17 of the California Code of Regulations. Statutes related to drinking water are in the Health & Safety Code, the Water Code, and other codes.*

## **California Health and Safety Code (CHSC):**

### **Section 116271. Transition of CDPH duties to State Board states in relevant part:**

(a) The state board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The state board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the state board shall refer to the state board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

(k)

(1) The state board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.

(2) The deputy director is delegated the state board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken by the state board, but are not subject to reconsideration by the state board except as provided in Section 116540. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the state board, but any aggrieved person may petition the state board for reconsideration of the decision or action. This subdivision is not a limitation on the state board's authority to delegate any other powers and duties.

### **Section 116555. Operational requirements states in relevant part:**

(a) Any person who owns a public water system shall ensure that the system does all of the following:

- (1) Complies with primary and secondary drinking water standards.
- (2) Will not be subject to backflow under normal operating conditions.
- (3) Provides a reliable and adequate supply of pure, wholesome, healthful, and potable water.

### **Section 116577. Enforcement fee states:**

(a) Each public water system shall reimburse the state board for actual costs incurred by the state board for any of the following enforcement activities related to that water system:

- (1) Preparing, issuing, and monitoring compliance with, an order or a citation.
- (2) Preparing and issuing public notification.
- (3) Conducting a hearing pursuant to Section 116625.

(b) The state board shall submit an invoice for these enforcement costs to the public water system that requires payment before September 1 of the fiscal year following the fiscal year in which the costs were incurred. The invoice shall indicate the total hours expended, the reasons for the expenditure, and the hourly cost rate of the state board. The costs set forth in the invoice shall not exceed the total actual costs to the state board of enforcement activities specified in this section.

(c) Notwithstanding the reimbursement of enforcement costs of the local primacy agency pursuant to subdivision (a) of Section 116595 by a public water system under the jurisdiction of the local primacy agency, a public water system shall also reimburse enforcement costs, if any, incurred by the state board pursuant to this section.

(d) "Enforcement costs," as used in this section, does not include "litigation costs" pursuant to Section 116585.

(e) The state board shall not be entitled to enforcement costs pursuant to this section if a court determines that enforcement activities were in error.

(f) Payment of the invoice shall be made within 90 days of the date of the invoice. Failure to pay the invoice within 90 days shall result in a 10-percent late penalty that shall be paid in addition to the invoiced amount.

(g) The state board may, at its sole discretion, waive payment by a public water system of all or any part of the invoice or penalty.

#### **Section 116625. Revocation and suspension of permits states:**

(a) The state board, after providing notice to the permittee and opportunity for a hearing, may suspend or revoke any permit issued pursuant to this chapter if the state board determines pursuant to the hearing that the permittee is not complying with the permit, this chapter, or any regulation, standard, or order issued or adopted thereunder, or that the permittee has made a false statement or representation on any application, record, or report maintained or submitted for purposes of compliance with this chapter. If the permittee does not request a hearing within the period specified in the notice, the state board may suspend or revoke the permit without a hearing. If the permittee submits a timely request for a hearing, the hearing shall be before the state board or a member of the state board, in accordance with Section 183 of the Water Code and the rules for adjudicative proceedings adopted under Section 185 of the Water Code. If the permit at issue has been temporarily suspended pursuant to subdivision (b), the notice shall be provided within 15 days of the effective date of the temporary suspension order. The commencement of the hearing under this subdivision shall be as soon as practicable, but no later than 60 days after the effective date of the temporary suspension order, unless the state board grants an extension of the 60 day period upon request of the permittee.

(b) The state board may temporarily suspend any permit issued pursuant to this chapter before any hearing when the action is necessary to prevent an imminent or substantial danger to health. The state board shall notify the permittee of the temporary suspension and the effective date of the temporary suspension and, at the same time, notify the permittee that a hearing has been scheduled. The hearing shall be held as soon as possible, but not later than 15 days after the effective date of the temporary suspension unless the state board grants an extension of the 15 day period upon request of the permittee, and shall deal only with the issue of whether the temporary suspension shall remain in place pending a hearing under subdivision (a). The hearing shall be conducted under the rules for adjudicative proceedings adopted by the state board under Section 185 of the Water Code. The temporary suspension shall remain in effect until the hearing under this subdivision is completed and the state board has made a final determination on the temporary suspension, which shall be made within 15 days after the completion of the hearing unless the state board grants an extension of the 15 day period upon request of the permittee. If the determination is not transmitted within 15 days after the hearing is completed, or any extension of this period requested by the permittee, the temporary suspension shall be of no further effect. Dissolution of the temporary suspension does not deprive the state board of jurisdiction to proceed with a hearing on the merits under subdivision (a).

#### **Section 116650. Citations states:**

(a) If the state board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the state board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The state board may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation and shall be in addition to any liability or penalty imposed under any other law.



**Section 116655. Orders states:**

- (a) Whenever the state board determines that any person has violated or is violating this chapter, or any order, permit, regulation, or standard issued or adopted pursuant to this chapter, the state board may issue an order doing any of the following:
- (1) Directing compliance forthwith.
  - (2) Directing compliance in accordance with a time schedule set by the state board.
  - (3) Directing that appropriate preventive action be taken in the case of a threatened violation.
- (b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:
- (1) That the existing plant, works, or system be repaired, altered, or added to.
  - (2) That purification or treatment works be installed.
  - (3) That the source of the water supply be changed.
  - (4) That no additional service connection be made to the system.
  - (5) That the water supply, the plant, or the system be monitored.
  - (6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the state board.

**Section 116701. Petitions to Orders and Decisions states:**

- (a)
- (1) Within 30 days of issuance of an order or decision under authority delegated to an officer or employee of the state board under Article 8 (commencing with Section 116625) or Article 9 (commencing with Section 116650), an aggrieved person may petition the state board for reconsideration.
  - (2) Within 30 days of issuance of an order or decision under authority delegated to an officer or employee of the state board under Section 116540, the applicant may petition the state board for reconsideration.
  - (3) Within 30 days of final action by an officer or employee of the state board acting under delegated authority, the owner of a laboratory that was the subject of the final action may petition the state board for reconsideration of any of the following actions:
    - (A) Denial of an application for certification or accreditation under Section 100855.
    - (B) Issuance of an order directing compliance under Section 100875.
    - (C) Issuance of a citation under Section 100880.
    - (D) Assessment of a penalty under subdivision (e) of Section 100880.
- (b) The petition shall include the name and address of the petitioner, a copy of the order or decision for which the petitioner seeks reconsideration, identification of the reason the petitioner alleges the issuance of the order was inappropriate or improper, the specific action the petitioner requests, and other information as the state board may prescribe. The petition shall be accompanied by a statement of points and authorities of the legal issues raised by the petition.
- (c) The evidence before the state board shall consist of the record before the officer or employee who issued the order or decision and any other relevant evidence that, in the judgment of the state board, should be considered to implement the policies of this chapter. The state board may, in its discretion, hold a hearing for receipt of additional evidence.
- (d) The state board may refuse to reconsider the order or decision if the petition fails to raise substantial issues that are appropriate for review, may deny the petition upon a determination that the issuance of the order or decision was appropriate and proper, may set aside or modify the order or decision, or take other appropriate action. The state board's action pursuant to this subdivision shall constitute the state board's completion of its reconsideration.
- (e) The state board, upon notice and hearing, if a hearing is held, may stay in whole or in part the effect of the order or decision subject to the petition for reconsideration.
- (f) If an order or decision is subject to reconsideration under this section, the filing of a petition for reconsideration is an administrative remedy that must be exhausted before filing a petition for writ of mandate under Section 100920.5 or 116700.

**California Code of Regulations (CCR), Title 22:**

**Section 64554 New and Existing Source Capacity states:**

- (a) At all times, a public water system's water source(s) shall have the capacity to meet the system's maximum day demand (MDD). MDD shall be determined pursuant to subsection (b).
- (1) For systems with 1,000 or more service connections, the system shall be able to meet four hours of peak hourly demand (PHD) with source capacity, storage capacity, and/or emergency source connections.
  - (2) For systems with less than 1,000 service connections, the system shall have storage capacity equal to or greater than MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency source connection that can meet the MDD requirement.
  - (3) Both the MDD and PHD requirements shall be met in the system as a whole and in each individual pressure zone.
- (b) A system shall estimate MDD and PHD for the water system as a whole (total source capacity and number of service connections) and for each pressure zone within the system (total water supply available from the water sources and interzonal transfers directly supplying the zone and number of service connections within the zone), as follows:

(1) If daily water usage data are available, identify the day with the highest usage during the past ten years to obtain MDD; determine the average hourly flow during MDD and multiply by a peaking factor of at least 1.5 to obtain the PHD.

(2) If no daily water usage data are available and monthly water usage data are available:

(A) Identify the month with the highest water usage (maximum month) during at least the most recent ten years of operation or, if the system has been operating for less than ten years, during its period of operation;

(B) To calculate average daily usage during maximum month, divide the total water usage during the maximum month by the number of days in that month; and

(C) To calculate the MDD, multiply the average daily usage by a peaking factor that is a minimum of 1.5; and

(D) To calculate the PHD, determine the average hourly flow during MDD and multiply by a peaking factor that is a minimum of 1.5.

(3) If only annual water usage data are available:

(A) Identify the year with the highest water usage during at least the most recent ten years of operation or, if the system has been operating for less than ten years, during its years of operation;

(B) To calculate the average daily use, divide the total annual water usage for the year with the highest use by 365 days; and

(C) To calculate the MDD, multiply the average daily usage by a peaking factor of 2.25.

(D) To calculate the PHD, determine the average hourly flow during MDD and multiply by a peaking factor that is a minimum of 1.5.

(4) If no water usage data are available, utilize records from a system that is similar in size, elevation, climate, demography, residential property size, and metering to determine the average water usage per service connection. From the average water usage per service connection, calculate the average daily.

# Appendix 2

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This form should be prepared and signed by System personnel with appropriate authority to implement the directives of the Compliance Order and the Corrective Action Plan. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, District 13 Office to the following email address: 464 W 4th Street, Room 437 San Bernardino, CA 92401.

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**Signature**

Date \_\_\_\_\_

# Appendix 3

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# Sheep Creek Water Company

(System No. 3610109)

## Production and Source Capacity Records

January 2012- July 2018

# 10-year (2008 to 2017) MDD Source Capacity Evaluation for Sheep Creek Water Company (3610109)

	Parameter:	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Production	Max Day (MG)	n/a	1.83	1.68	1.9	1.78	1.76	2.09	1.14	1.54	1.06
	Date	Not	Aug-12th	Jul-25th	Jun-6th	Aug-26th	Jul-13th	Jul-4th	Aug-8th	June-30th	June-30th
	Max Month (MG)	Reported	36.35		35.05	39.15	38.96	39.81	29.49	35.7	25.49
	Date		Aug.	July	July	August	July	July	August	August	August
	Annual (MG)		279.21	264.84	270.34	304.3	333.38	330.16	260.24	252.51	223.5
Purchased	Max Day (MG)	n/a	0	0	0	0	0	0	0	0	0
	Date	Not	-	-	-	-	-	-	-	-	-
	Max Month (MG)	Reported	0	0	0	0	0.08	0	0	4.06	0
	Date		-	-	-	-	-	-	-	-	-
	Annual (MG)		0	0	0	0	0.08	0	0	4.64	0
Sold	Max Day (MG)	n/a	0.6	0	0	0	0	0	0	0	0
	Date	Not	Aug-11th	-	-	-	-	-	-	-	-
	Max Month (MG)	Reported	2.6	0	0	0	0.92	0	0.25	0	0
	Date		August	-	-	-	June	-	-	-	-
	Annual (MG)		2.6	0	0	0	0.92	0	0.41	0	0
Daily Basis	Max Day Demand (MDD)	n/a	1.23	1.68	1.9	1.78	1.76	2.09	1.14	1.54	1.06
	Avg. Hr Flow		0.05	0.07	0.08	0.07	0.07	0.09	0.05	0.06	0.04
	PHD = Avg. Hr x 1.5		0.08	0.11	0.12	0.11	0.11	0.13	0.07	0.10	0.07
Yearly Basis	Annual Demand	n/a	276.61	264.84	270.34	304.3	332.54	330.16	259.83	257.15	223.5
	Avg. Daily Usage		0.76	0.73	0.74	0.83	0.91	0.90	0.71	0.70	0.61
	MDD = Avg. Daily*2.25(MDD)		1.71	1.63	1.67	1.88	2.05	2.04	1.60	1.59	1.38
	Peak Hourly Demand (PHD)		0.11	0.10	0.10	0.12	0.13	0.13	0.10	0.10	0.09

## DEMAND:

Maximum Day Demand (MDD) **2.09** MG

Production+Purchased-Sold= Demand  
Based on Year Basis

Lowest 10-year MDD: 1.06 MG

## PRODUCTION:

Source	Capacity (gpm)	Comments
Well 2A	30	Based on July 2018 production records
Well 3A	25	
Well 4A	60	
Well 5	124	
Well 8	141	
Tunnel	122	

## Active Interconnections

None

## Emergency Interconnections

Phelan Pinon Hills CSD (3610120)

excluded from calculations, not permitted as a permanent interconnection

## Surface Water

None

## Production Summary

Sources	502
Interconne	0
<b>Total</b>	502 gpm
	0.72 MGD

## ANALYSIS:

	Value	Units	Comments
Total Source Capacity	<b>0.72</b>	MGD	Net Interconnections+GW+SW
Total Storage Capacity	<b>6.12</b>	MGD	

## Maximum Daily Demand (Section 64554)

Maximum Daily Demand (MDD)	<b>2.09</b>	MGD
	1451	gpm
Is Source Capacity alone>MDD?	<b>NO</b>	
Does Source Capacity meet lowest 10-year MDD?	<b>NO</b>	



**Peak Hourly Demand (Section 64554)**

PHD	0.13	MG/hr	
4 hours PHD	0.52	MG	
Source Capacity	0.03	MG/hr	
Storage Capacity	0.13	MG/hr	Assume: 50% of storage will be available during PHD
Emergency Connections	-	MG/hr	
Sum of Storage & Sources	0.16	MG/hr	
4 hrs of Storage, & Sources	0.63	MG	
Is Sum of Storage & Sources >PHD?	YES		

**Reliability of Source Capacity**

Can MDD be met with highest source offline?

NO

AVERAGE GALLONS PER MINUTE  
7 YEAR RECAP

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Compare 2017
<b>2018</b>	<b>-40%</b>	<b>-27%</b>	<b>-16%</b>	<b>-12%</b>	<b>-20%</b>	<b>-42%</b>	<b>-57%</b>	<b>-100%</b>	<b>-100%</b>	<b>-100%</b>	<b>-100%</b>	<b>-100%</b>	
Tunnel	131	129	127	125	125	124	122						
Well # 2A	0	150	175	135	125	55	30						
Well # 3A	115	211	122	195	166	33	25						
Well # 4A	199	213	251	194	156	99	60						
Well # 5	286	289	279	279	269	278	124						
Well # 8	320	325	337	317	284	205	141						
<b>TOTAL G</b>	<b>1,051</b>	<b>1,317</b>	<b>1,309</b>	<b>1,245</b>	<b>1,125</b>	<b>794</b>	<b>502</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>2017</b>	<b>-35%</b>	<b>-40%</b>	<b>-43%</b>	<b>-48%</b>	<b>-45%</b>	<b>-11%</b>	<b>66%</b>	<b>58%</b>	<b>17%</b>	<b>6%</b>	<b>-28%</b>	<b>-37%</b>	
Tunnel	147	145	147	148	147	147	143	140	137	136	136	134	
Well # 2A	214	274	0	0	0	50	107	107	107	107	107	0	
Well # 3A	330	330	345	295	301	280	180	143	115	115	115	115	
Well # 4A	370	333	333	253	253	200	200	144	115	130	154	184	
Well # 5	353	372	372	355	353	353	280	257	238	244	258	275	
Well # 8	333	361	367	358	350	342	310	278	256	266	288	308	
<b>TOTAL G</b>	<b>1,747</b>	<b>1,815</b>	<b>1,564</b>	<b>1,409</b>	<b>1,404</b>	<b>1,372</b>	<b>1,163</b>	<b>1,012</b>	<b>968</b>	<b>998</b>	<b>951</b>	<b>1,016</b>	
<b>2016</b>													
Tunnel	184	182	177	176	170	168	165	162	159	157	154	150	
Well # 2A	381	500	559	534	468	213	44	38	38	45	111	167	
Well # 3A	537	646	530	610	610	225	28	22	90	114	183	286	
Well # 4A	659	729	556	478	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	
<b>TOTAL G</b>	<b>2,680</b>	<b>3,001</b>	<b>2,723</b>	<b>2,727</b>	<b>2,569</b>	<b>1,545</b>	<b>699</b>	<b>640</b>	<b>828</b>	<b>945</b>	<b>1,317</b>	<b>1,615</b>	
<b>2015</b>													
Tunnel	256	253	248	203	203	214	210	204	201	196	193	189	
Well # 2A	0	749	625	573	533	537	524	491	418	417	439	479	
Well # 3A	693	680	678	705	652	641	631	613	591	586	594	583	
Well # 4A	883	905	818	759	881	697	639	639	625	625	625	875	
Well # 5	551	551	547	537	513	497	488	471	451	452	459	460	
Well # 8	463	454	465	460	444	467	467	333	361	333	361	405	
<b>TOTAL G</b>	<b>2,846</b>	<b>3,592</b>	<b>3,381</b>	<b>3,237</b>	<b>3,226</b>	<b>3,053</b>	<b>3,017</b>	<b>2,751</b>	<b>2,647</b>	<b>2,637</b>	<b>2,643</b>	<b>2,991</b>	
<b>2014</b>													
Tunnel	303	299	294	291	287	283	279	276	273	268	265	260	
Well # 2A	1,156	1,156	1,156	1,148	1,015	985	886	733	688	630	0	0	
Well # 3A	617	617	617	641	706	685	664	652	619	637	657	679	
Well # 4A	883	883	898	919	882	851	772	903	667	760	760	760	
Well # 5	317	317	326	326	259	259	258	310	301	306	0	0	
Well # 8	505	506	499	496	485	471	450	463	406	459	438	438	
<b>TOTAL G</b>	<b>3,781</b>	<b>3,778</b>	<b>3,790</b>	<b>3,821</b>	<b>3,634</b>	<b>3,534</b>	<b>3,309</b>	<b>3,337</b>	<b>2,954</b>	<b>2,967</b>	<b>2,120</b>	<b>2,137</b>	
<b>2013</b>													
Tunnel	370	363	356	350	344	339	332	329	323	318	315	306	
Well # 2A	1,264	1,291	1,289	1,275	1,256	1,230	1,203	1,186	1,186	1,156	1,156	1,156	
Well # 3A	889	889	889	889	730	717	702	694	694	636	636	636	
Well # 4A	917	917	917	917	917	917	875	887	881	887	889	889	
Well # 5	333	333	333	333	333	318	311	311	320	313	313	313	
Well # 8	529	540	534	534	534	534	485	478	474	475	475	503	
<b>TOTAL G</b>	<b>4,302</b>	<b>4,333</b>	<b>4,318</b>	<b>4,298</b>	<b>4,114</b>	<b>4,055</b>	<b>3,911</b>	<b>3,885</b>	<b>3,878</b>	<b>3,785</b>	<b>3,793</b>	<b>3,812</b>	
<b>2012</b>													
Tunnel	304	310	319	329	352	355	403	411	415	404	396	384	
Well # 2A	0	0	0	0	0	0	0	0	1,224	1,175	1,265	1,271	
Well # 3A	711	721	722	725	707	680	679	679	679	679	679	679	
Well # 4A	818	818	818	818	818	818	818	818	818	818	818	818	
Well # 5	197	197	197	222	222	222	257	300	319	325	325	325	
Well # 8	491	491	491	500	511	503	489	468	468	468	468	468	
<b>TOTAL G</b>	<b>2,521</b>	<b>2,537</b>	<b>2,547</b>	<b>2,657</b>	<b>2,670</b>	<b>2,606</b>	<b>2,680</b>	<b>2,687</b>	<b>3,934</b>	<b>3,880</b>	<b>3,962</b>	<b>3,956</b>	

Well Pulled 11-17

Nov- Pump Pulled

Oct- Pump Pulled

PRODUCTION 5 - YEAR RECAP												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2018	3%	0%	-32%	-6%	-27%	-41%	-41%	-36%				
Tunnel	5,875,088	5,204,909	5,674,160	5,425,987	5,583,000	5,362,000	5,450,000	5,450,000	5,450,000	5,450,000	5,450,000	5,450,000
Well # 2A	0	0	238,000	1,062,000	17,000	184,000	2,142,000	2,142,000	2,142,000	2,142,000	2,142,000	2,142,000
Well # 3A	0	0	11,000	1,458,000	2,316,000	665,000	10,000	10,000	10,000	10,000	10,000	10,000
Well # 4A	123,000	157,000	295,000	1,458,000	2,316,000	74,000	73,000	73,000	73,000	73,000	73,000	73,000
Well # 5	3,559,000	4,031,000	3,129,000	5,518,000	6,216,000	6,424,000	6,448,000	6,448,000	6,448,000	6,448,000	6,448,000	6,448,000
Well # 8	3,971,000	4,511,000	3,531,000	5,312,000	3,966,000	6,487,000	6,279,000	6,279,000	6,279,000	6,279,000	6,279,000	6,279,000
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	13,532,088	13,903,909	12,838,130	19,555,987	19,245,000	21,195,000	20,402,000	20,402,000	20,402,000	20,402,000	20,402,000	20,402,000
TOTAL CF	1,809,103	1,859,811	1,716,338	2,614,437	2,572,881	2,633,680	2,727,540	2,727,540	2,727,540	2,727,540	2,727,540	2,727,540
TOTAL AF	41,52	42,66	39,39	60,01	59,05	65,04	62,60	62,60	62,60	62,60	62,60	62,60
2017	-18%	-40%	-16%	-11%	-15%	-17%	-37%	-14%	0%	9%	5%	19%
Tunnel	6,570,115	6,860,915	6,590,203	6,468,984	6,579,043	6,284,000	6,397,805	6,255,850	5,980,982	6,108,091	5,865,005	5,960,779
Well # 2A	18,000	23,000	0	0	19,000	168,000	36,000	10,000	9,000	8,000	0	0
Well # 3A	3,727,000	3,727,000	7,405,000	6,194,000	6,006,000	5,728,000	4,984,000	2,486,000	2,486,000	2,486,000	0	0
Well # 4A	439,000	439,000	45,000	279,000	37,000	47,000	403,000	1,203,000	9,000	2,397,000	2,081,000	864,000
Well # 5	62,000	29,000	0	100,000	2,687,000	4,115,000	6,412,000	7,334,000	6,333,000	5,162,000	3,992,000	4,054,000
Well # 8	28,000	26,000	1,662,000	5,444,000	6,327,000	6,284,000	7,282,000	7,135,000	6,390,000	4,341,000	5,458,000	4,341,000
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	10,844,115	11,769,915	15,687,203	18,485,984	21,655,043	22,626,000	25,494,805	24,433,850	21,615,982	19,475,091	16,279,005	15,399,779
TOTAL CF	1,448,748	1,573,518	2,087,220	2,471,388	2,895,059	3,024,866	3,408,396	3,266,557	2,893,837	2,603,622	2,176,338	2,058,794
TOTAL AF	33,27	36,12	48,14	56,72	66,45	69,43	78,23	74,97	66,33	59,76	49,95	47,25
2016	-27%	-20%	-26%	-22%	-19%	-7%	-18%	-26%	-34%	-37%	-26%	-21%
Tunnel	8,211,082	7,599,067	7,907,083	7,593,998	7,591,925	7,261,013	7,365,800	7,221,859	6,873,984	6,987,946	6,655,003	6,717,874
Well # 2A	16,000	27,000	3,393,000	4,281,000	6,731,000	3,965,000	3,066,000	124,000	0	3,000	6,000	1,000
Well # 3A	29,000	31,000	35,000	1,692,000	4,498,000	10,991,000	4,110,000	1,216,000	101,000	13,000	11,000	12,000
Well # 4A	48,000	35,000	30,000	43,000	28,000	2,832,000	3,095,000	1,504,000	220,000	17,000	16,000	18,000
Well # 5	4,831,000	6,174,000	7,366,000	7,135,000	7,324,000	6,861,000	8,024,000	6,451,000	6,668,000	5,803,000	4,457,000	3,294,000
Well # 8	22,000	20,000	21,000	26,000	32,000	5,266,000	6,395,000	7,963,000	7,231,000	5,121,000	4,332,000	2,915,000
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	13,157,082	13,885,067	18,754,083	20,770,998	26,205,925	35,796,013	32,016,600	28,541,859	17,944,946	15,477,003	12,957,874	12,957,874
TOTAL CF	1,758,968	1,856,428	2,507,220	2,776,871	3,503,466	4,785,563	4,280,294	3,815,757	2,898,527	2,399,057	2,069,118	1,732,538
TOTAL AF	40,37	42,61	57,55	63,73	67,73	80,41	98,24	87,58	66,53	55,06	47,49	39,76
2015	-9%	-11%	-18%	-13%	-24%	-32%	-35%	-23%	-17%	-24%	-23%	-12%
Tunnel	11,454,824	10,236,038	11,983,219	8,772,182	9,089,864	9,244,800	9,410,112	9,105,560	8,674,560	8,768,189	8,335,872	8,424,907
Well # 2A	346,000	2,603,000	2,603,000	5,982,000	5,982,000	6,307,000	7,461,000	7,461,000	6,318,000	6,318,000	1,134,000	451,000
Well # 3A	4,305,000	261,000	614,000	833,000	1,922,000	3,333,000	2,845,000	5,311,000	4,918,000	1,695,000	410,000	28,000
Well # 4A	0	38,000	54,000	41,000	74,000	46,000	0	23,000	30,000	35,000	35,000	42,000
Well # 5	545,000	4,458,000	6,169,000	8,059,000	7,484,000	6,712,000	7,219,000	7,590,000	7,245,000	6,688,000	6,012,000	5,418,000
Well # 8	197,300	38,100	136,700	22,100	40,000	28,000	0	6,000	13,000	13,000	12,000	17,000
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	16,501,924	15,377,138	20,659,919	23,319,292	24,361,864	26,170,800	25,154,112	29,497,560	27,195,560	21,728,189	15,938,872	14,380,907
TOTAL CF	2,206,140	2,055,767	2,762,021	3,117,552	3,265,934	3,468,770	3,362,948	3,943,524	3,636,171	2,994,638	2,130,885	1,922,381
TOTAL AF	50,63	47,18	63,39	71,55	74,75	80,30	77,18	90,51	83,46	66,57	48,91	44,13
2014												
Tunnel	13,535,027	12,058,069	13,130,856	12,562,000	12,796,000	12,226,896	12,471,077	12,305,016	11,772,864	11,942,996	11,467,008	11,593,901
Well # 2A	39,000	0	0	124,000	6,516,000	10,510,000	13,486,000	10,647,000	1,792,000	143,000	0	0
Well # 3A	37,000	0	0	50,000	9,769,000	10,895,000	11,018,000	10,688,000	6,318,000	9,049,000	8,959,000	0
Well # 4A	53,000	0	2,521,000	6,205,000	1,619,000	1,185,000	1,441,000	1,057,000	8,972,000	1,192,000	0	0
Well # 5	154,000	0	1,293,000	22,000	28,000	31,000	106,000	1,301,000	1,204,000	310,000	0	0
Well # 8	4,820,900	5,362,900	4,790,000	7,061,200	1,936,100	819,200	1,412,500	609,000	3,197,300	2,819,800	1,171,000	0
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	18,628,927	17,420,999	21,734,856	26,064,200	32,668,100	35,636,095	39,860,577	35,412,016	33,355,164	27,270,786	21,907,008	15,086,901
TOTAL CF	2,450,688	2,339,011	2,905,729	3,684,539	4,387,383	4,764,164	5,329,954	4,734,227	4,438,979	3,645,827	2,928,744	2,016,965
TOTAL AF	57,16	53,46	66,69	79,98	100,24	109,35	122,31	108,56	102,34	83,68	67,22	46,29
2013												
Tunnel	16,543,594	14,634,950	15,890,947	15,116,112	15,365,088	14,663,808	14,853,067	14,683,882	13,964,832	14,208,912	13,624,948	13,662,072
Well # 2A	91,000	1,100,000	8,596,000	11,600,000	16,524,000	19,524,000	19,240,000	16,860,000	0	0	0	0
Well # 3A	16,000	0	0	0	368,000	3,719,000	4,123,000	3,537,000	0	42,000	0	0
Well # 4A	33,000	0	0	0	0	0	42,000	1,900,000	12,818,000	11,059,000	7,198,000	442,000
Well # 5	8,000	0	0	0	0	0	501,000	347,000	637,000	198,000	0	0
Well # 8	1,400,300	1,522,000	782,200	0	0	412,000	223,000	1,023,500	5,203,800	2,360,800	0	2,265,100
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	18,091,884	17,256,950	25,225,147	26,716,112	32,257,088	38,431,808	38,982,067	38,351,382	33,623,632	28,421,712	20,822,848	16,369,172
TOTAL CF	2,413,901	2,372,861	3,372,861	4,312,445	4,312,445	5,127,160	5,127,160	5,127,160	4,361,448	3,799,694	2,783,803	2,188,392
TOTAL AF	55,51	52,95	77,41	81,98	96,98	117,93	119,61	117,69	100,10	87,21	63,89	50,23
2012												
Tunnel	14,634,950	14,634,950	15,890,947	15,116,112	15,365,088	14,663,808	14,853,067	14,683,882	13,964,832	14,208,912	13,624,948	13,662,072
Well # 2A	91,000	1,100,000	8,596,000	11,600,000	16,524,000	19,524,000	19,240,000	16,860,000	0	0	0	0
Well # 3A	16,000	0	0	0	368,000	3,719,000	4,123,000	3,537,000	0	42,000	0	0
Well # 4A	33,000	0	0	0	0	0	42,000	1,900,000	12,818,000	11,059,000	7,198,000	442,000
Well # 5	8,000	0	0	0	0	0	501,000	347,000	637,000	198,000	0	0
Well # 8	1,400,300	1,522,000	782,200	0	0	412,000	223,000	1,023,500	5,203,800	2,360,800	0	2,265,100
PPHCS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL G	18,091,884	17,256,950	25,225,147	26,716,112	32,257,088	38,431,808	38,982,067	38,351,382	33,623,632	28,421,712	20,822,848	16,369,172
TOTAL CF	2,413,901	2,372,861	3,372,861	4,312,445	4,312,445	5,127,160	5,127,160	5,127,160	4,361,448	3,799,694	2,783,803	2,188,392
TOTAL AF	55,51	52,95	77,41	81,98	96,98	117,93	119,61	117,69	100,10	87,21	63,89	50,23
2011												
Tunnel	14,634,950	14,634,950	15,890,947	15,116,112	15,365,088	14,663,808	14,853,067	14,683,882	13,964,832	14,208,912	13,624,948	13,662,072
Well # 2A	91,000	1,100,000	8,596,000	11,600,000	16,524,000	19,524,000	19,240,000	16,860,000	0	0	0	0
Well # 3A	16,000	0	0	0	368,000	3,719,000	4,123,000	3,537,000	0	42,000	0	0
Well # 4A	33,000	0	0	0	0	0	42,000	1,900,000	12,818,000	11,059,000	7,198,000	442,000
Well # 5												



## CONSUMPTION 10-YEAR

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	Reduction with 2016	Reduction with 2013
2018	14%	43%	-17%	-12%	-9%	-42%	-24%	-100%	-100%	-100%	-100%	-100%			
Cons'n CCF	15,360	14,461	12,701	18,206	22,082	24,730	27,000								
Cons'n GPM	257	268	213	315	370	428	452								
Cons'n A.F.	35,262	33,198	29,157	41,796	50,892	56,772	61,983	0.000	0.000	0.000	0.000	0.000	0	0	192
Ave GPDPP	110,27104	110,97826	91,182041	130,70548	158,52588	183,4577	193,83409	0	0	0	0	0	0	0	0.000
2017	-18%	-41%	-27%	-9%	-17%	-39%	-27%	-15%	-16%	11%	2%	19%		-15%	978,954
Cons'n CCF	11,121	10,088	15,275	20,758	24,151	25,786	26,112	30,311	22,165	21,963	19,912	15,588	243,231	-28%	
Cons'n GPM	186	187	256	359	405	446	438	508	384	388	345	261	345		
Cons'n A.F.	25,531	23,159	35,066	47,653	55,443	59,196	59,945	69,585	50,885	50,420	45,713	35,785	558,381		
Ave GPDPP	79,84039	72,423639	109,66031	149,02165	173,384	185,11993	187,46068	217,60869	159,1277	157,67493	142,95342	111,90702	145,515		
2016	-25%	10%	3%	-26%	-21%	11%	-21%	-17%	-28%	-35%	0%	-19%		Reduction	
Cons'n CCF	13,498	17,144	20,915	22,752	29,188	42,373	35,594	35,657	26,381	19,859	19,429	13,103	295,892	-16%	
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	44,504	30,081	679,274		
Ave GPDPP	96,901074	123,0758	150,15207	163,3402	209,54503	304,19796	255,53169	255,98606	189,389	142,56712	139,48591	94,070633	177,020		
2015				-4%	-27%	-20%	-33%	-27%	-9%	-18%	-8%	11%		Reduction	
Cons'n CCF	15,686	15,711	20,472	29,631	26,759	30,807	30,067	31,370	33,365	25,346	18,042	17,975	295,231	-15%	
Cons'n GPM	263	291	343	513	448	533	504	526	578	425	312	301	420		
Cons'n A.F.	36,010	36,068	46,997	68,023	61,430	70,723	69,025	72,015	76,596	58,187	41,418	41,266	677,757		
Ave GPDPP	112,61029	112,79422	146,96957	212,72352	192,10615	221,16724	215,85778	225,2065	239,53237	181,96248	129,52236	129,04811	176,625		
2014															
Cons'n CCF	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 CCF	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		
2012														46,763566	
Cons'n CCF	15,541	16,894	20,272	19,552	39,647	36,242	44,216	41,956	31,268	28,645	20,721	15,028	329,982		
Cons'n GPM	260	313	340	339	664	628	741	703	541	480	359	252	468		
Cons'n A.F.	36	39	47	45	91	83	102	96	72	66	48	34	758		
2011															
Cons'n CCF	15,076	13,553	17,061	20,126	28,968	36,990	35,866	42,149	34,486	28,970	22,109	14,483	309,836		
Cons'n GPM	253	251	286	348	485	640	601	706	597	485	383	243	440		
Cons'n A.F.	35	31	39	46	67	85	82	97	79	67	51	33	711		
2010															
Cons'n CCF	14,233	13,314	14,700	20,220	25,677	36,639	38,204	41,414	36,846	22,271	20,503	14,588	298,609		
Cons'n GPM	238	247	246	350	430	634	640	694	638	373	355	244	424		
Cons'n A.F.	33	31	34	46	59	84	88	95	85	51	47	33	686		
2009															
Cons'n CCF	15,040	13,018	16,441	28,407	31,435	31,679	42,662	36,142	36,308	28,987	20,572	17,769	316,460		
Cons'n GPM	252	242	275	457	527	549	715	606	629	486	356	298	449		
Cons'n A.F.	35	30	38	61	72	73	98	83	83	67	47	41	726		

msexcel/10 Year Consumption



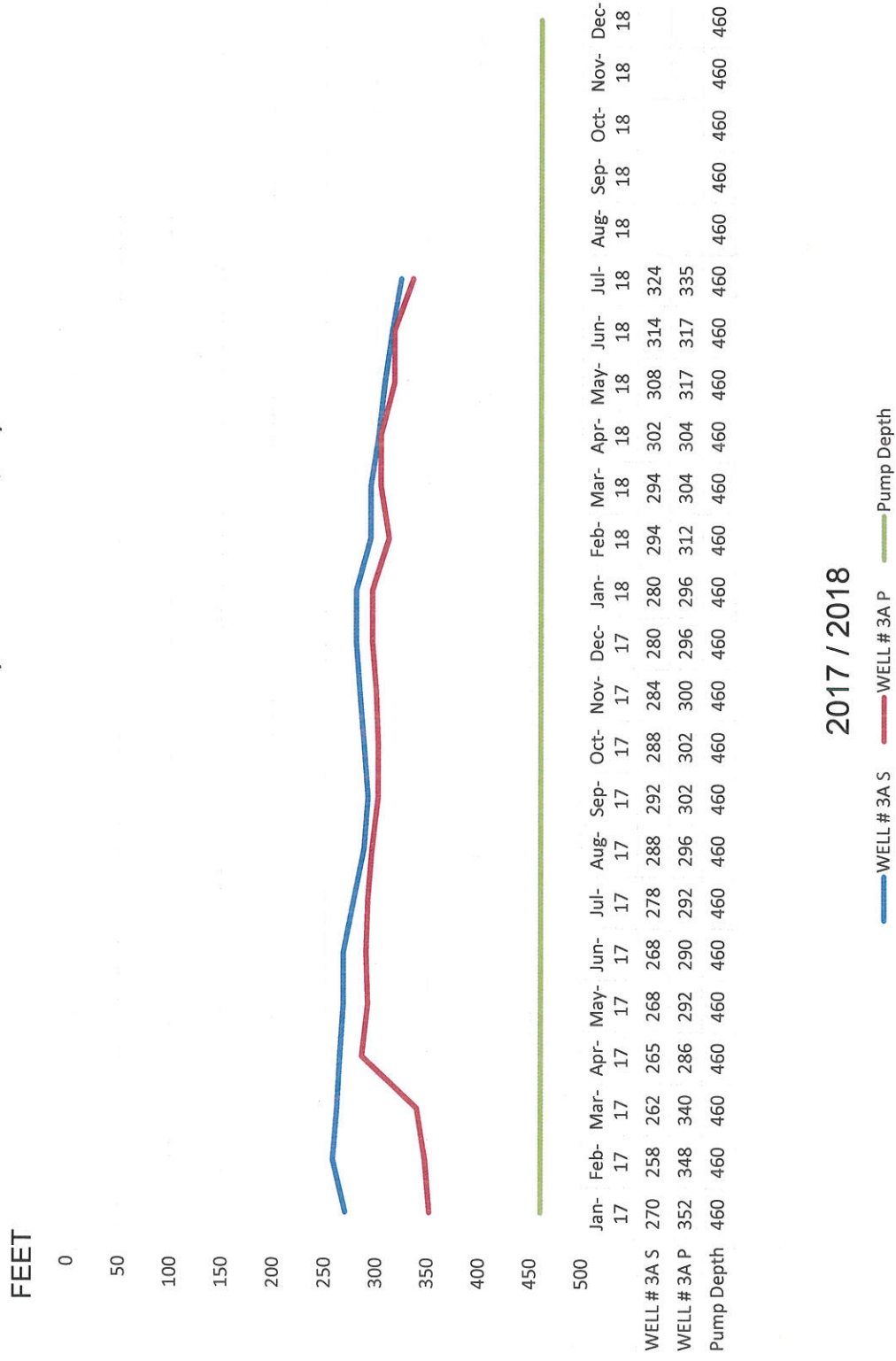
# SHEEP CREEK WATER COMPANY

WELL #2A Monthly Water Levels / 2 years



# SHEEP CREEK WATER COMPANY

## WELL #3A Monthly Water Levels / 2 years

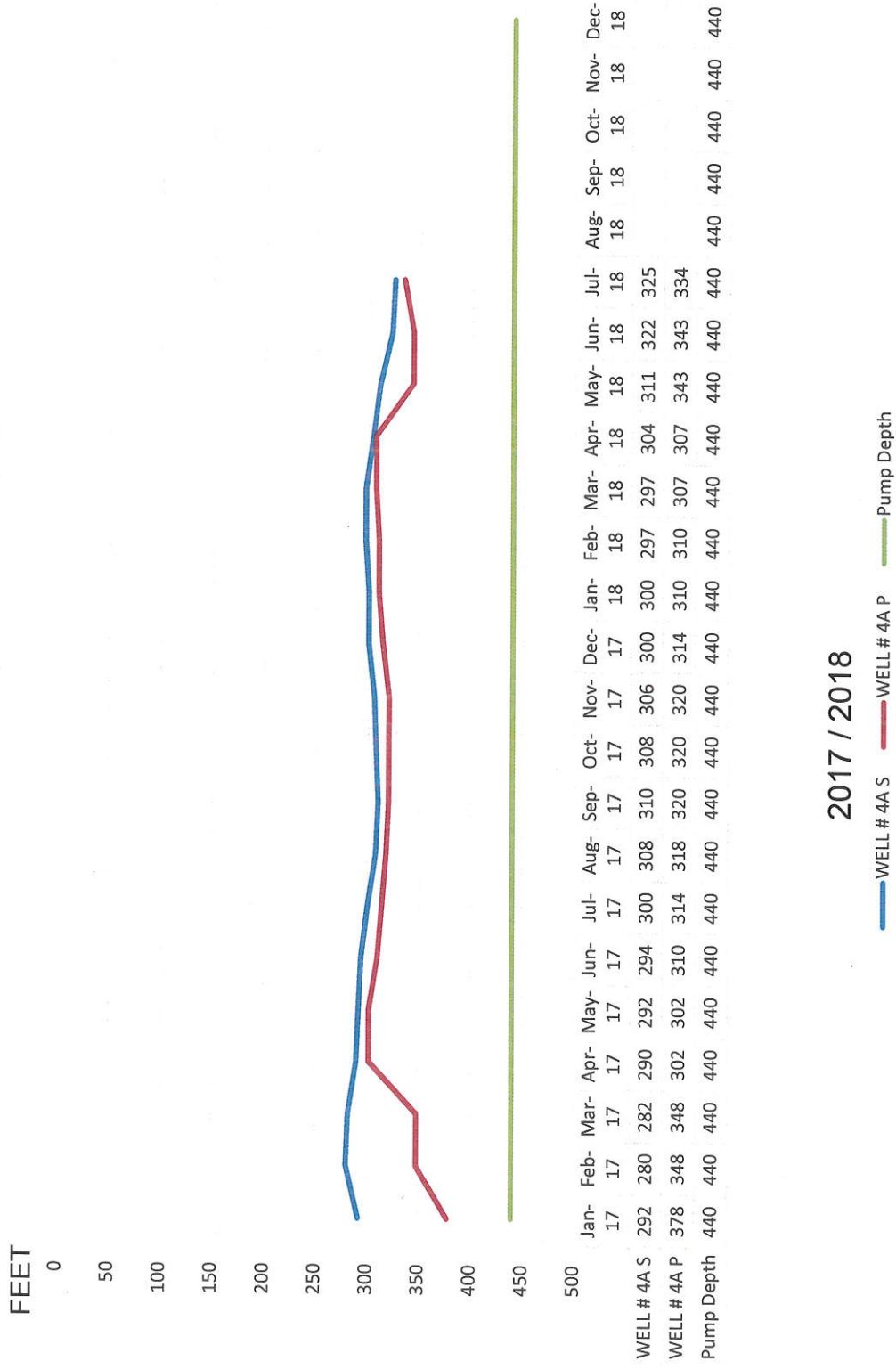


2017 / 2018

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

# SHEEP CREEK WATER COMPANY

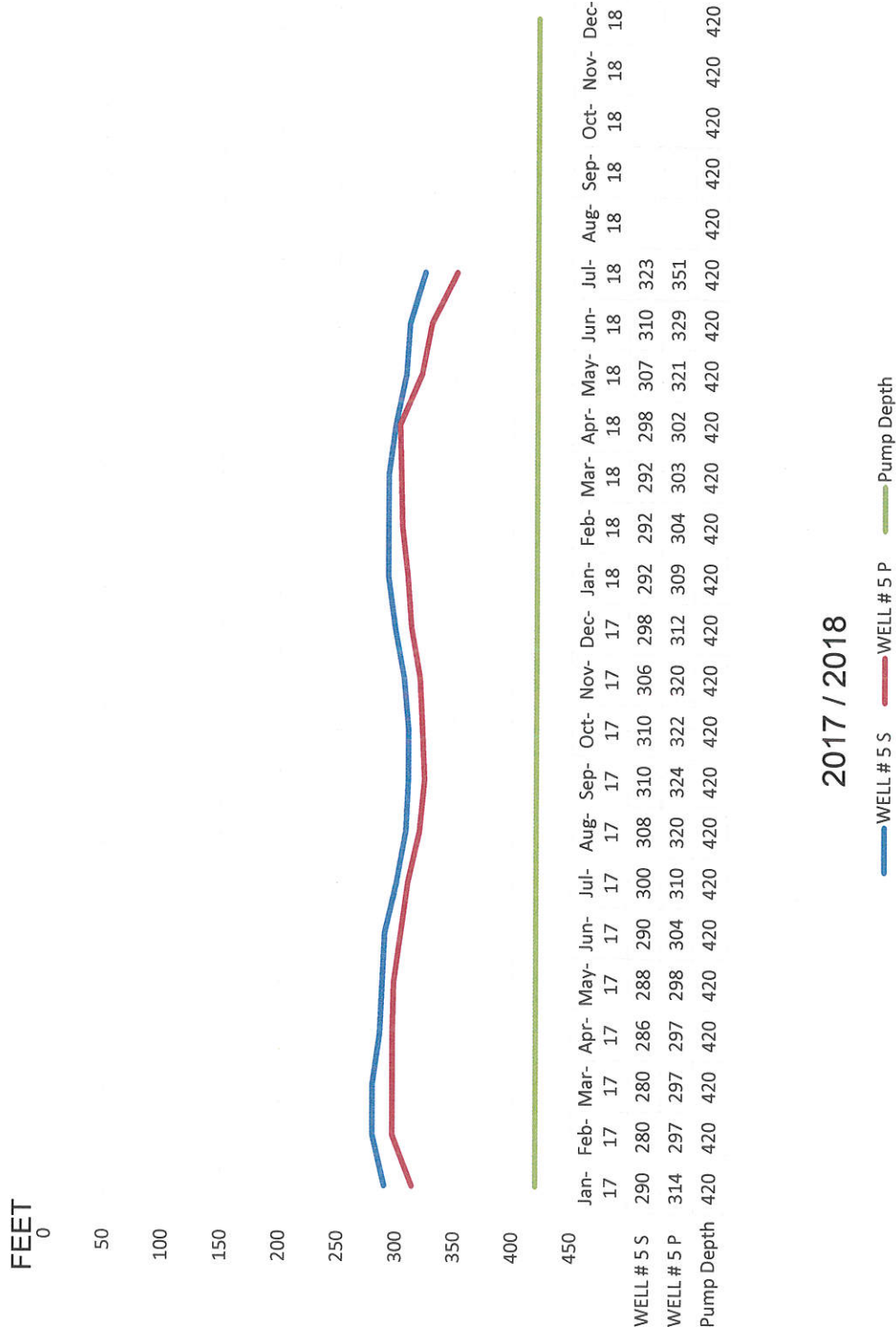
WELL #4A Monthly Water Levels / 2 years



2017 / 2018

# SHEEP CREEK WATER COMPANY

WELL #5 Monthly Water Levels / 2 years



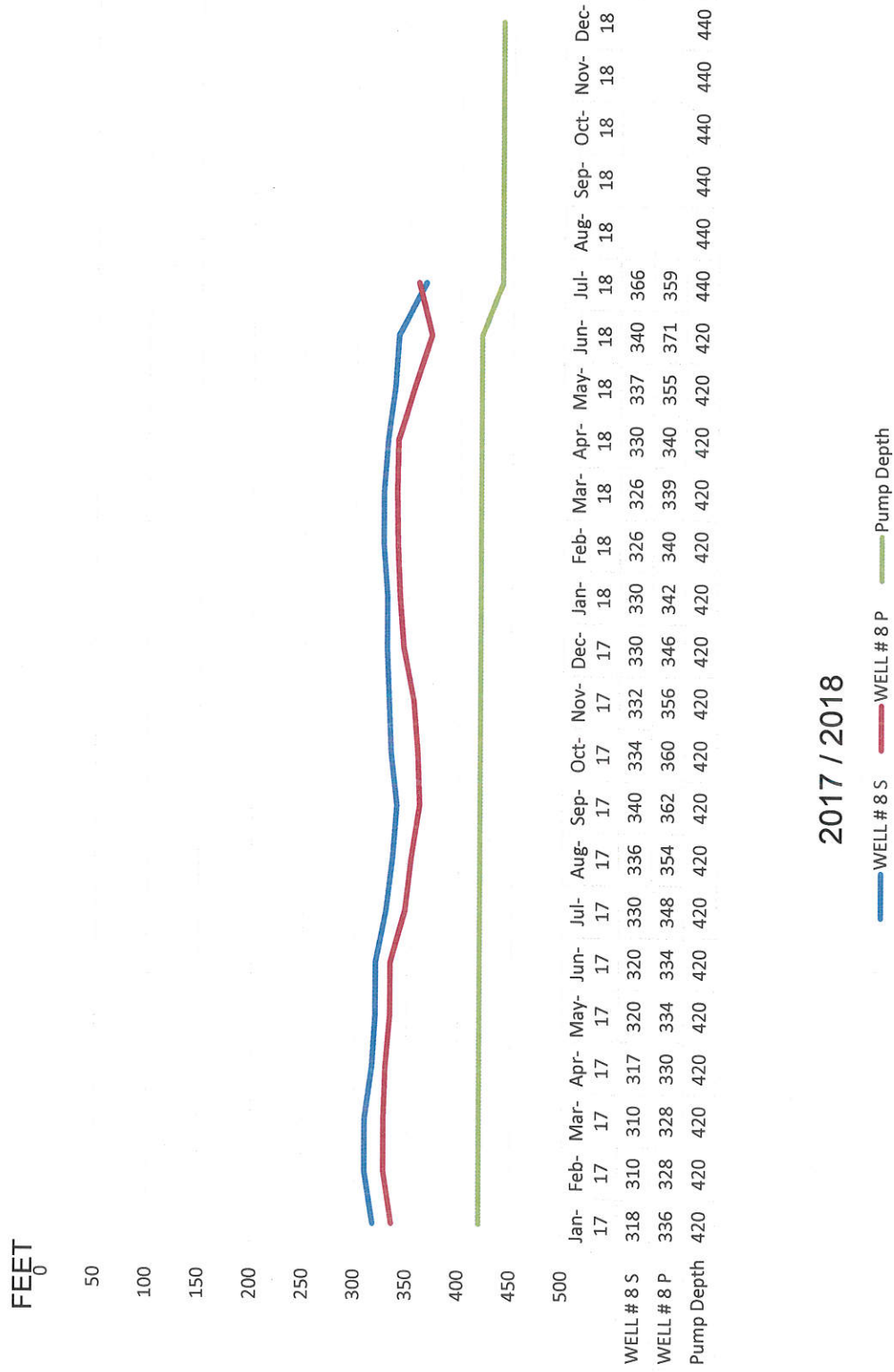
2017 / 2018

— WELL # 5 S — WELL # 5 P — Pump Depth



# SHEEP CREEK WATER COMPANY

## WELL #8 Monthly Water Levels / 2 years

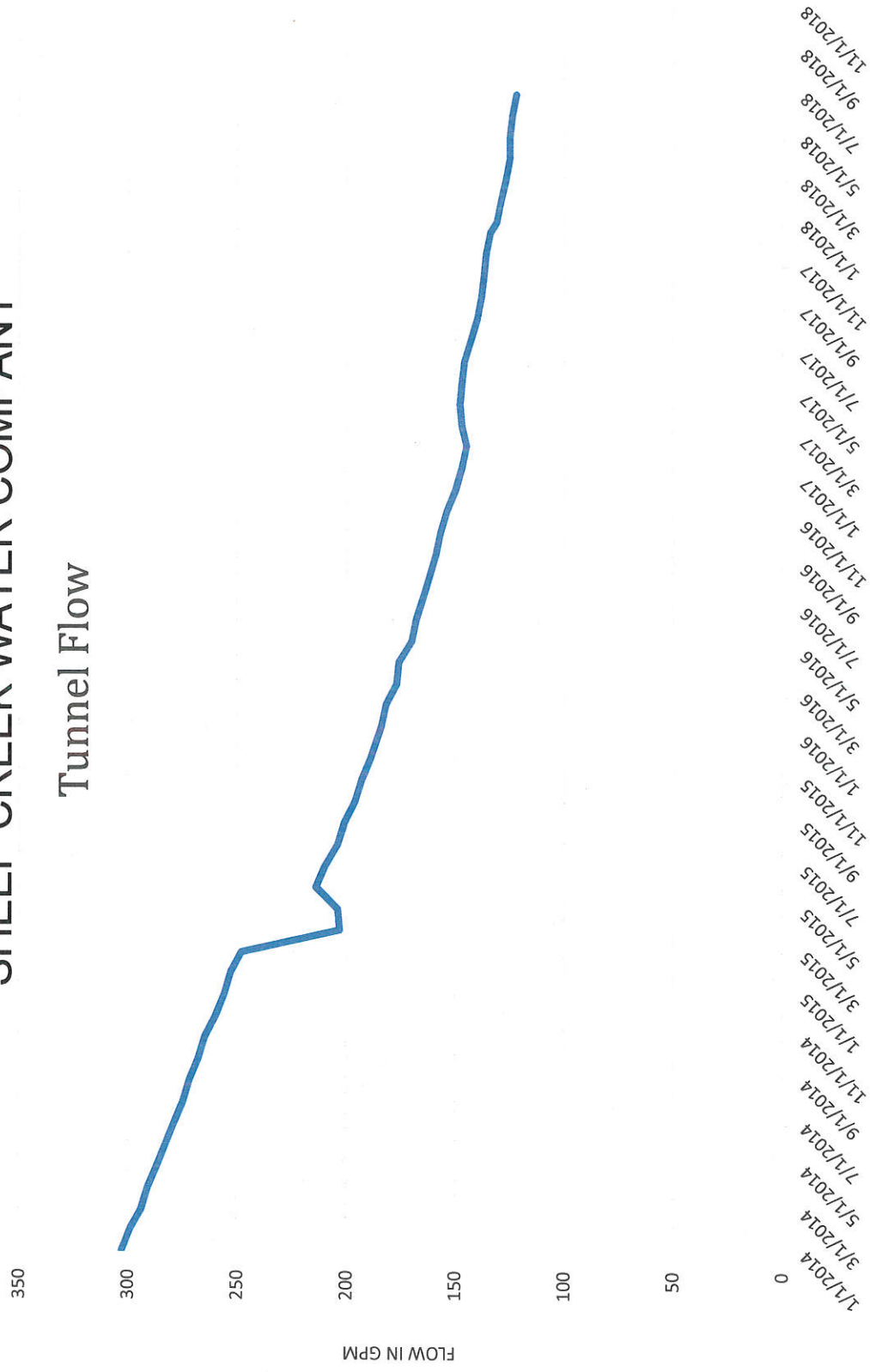


2017 / 2018

WELL # 8 S WELL # 8 P Pump Depth

# SHEEP CREEK WATER COMPANY

## Tunnel Flow



# Appendix 4

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**Kaur, Amy**

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**From:** Chris Cummings <sheepcreek@verizon.net>  
**Sent:** Wednesday, August 22, 2018 2:51 PM  
**To:** Cazares, Hector I.@Waterboards; Zuniga, Eric@Waterboards  
**Cc:** swright@pphcsd.org  
**Subject:** Re: Sheep Creek Water Company Update

Hector,

An update to the first email, per the Water Exchange Agreement with Phelan Pinon Hills Community Service District, Sheep Creek Water is notifying the State Water Resources Board of an impending water production shortage. At this time we will continue to purchase water from PPHCSD.

I will send updated production records this afternoon after I receive updated pumping levels.

Thank You,

Chris Cummings  
Sheep Creek Water Company  
(760) 559-7956

-----Original Message-----

From: Cazares, Hector I.@Waterboards <Hector.Cazares@Waterboards.ca.gov>  
To: Chris Cummings <sheepcreek@verizon.net>; Zuniga, Eric@Waterboards <Eric.Zuniga@waterboards.ca.gov>  
Sent: Wed, Aug 22, 2018 2:34 pm  
Subject: RE: Sheep Creek Water Company Update

Hello Chris,

Thank you for the update. Please keep us posted as you proceed, and let us know if anything changes. Do you have updated production records available for this month that you could send us?

Best regards,  
Hector Cazares





**From:** Chris Cummings [<mailto:sheepcreek@verizon.net>]

**Sent:** Wednesday, August 22, 2018 2:25 PM

**To:** Cazares, Hector I.@Waterboards <[Hector.Cazares@Waterboards.ca.gov](mailto:Hector.Cazares@Waterboards.ca.gov)>; Zuniga, Eric@Waterboards <[Eric.Zuniga@waterboards.ca.gov](mailto:Eric.Zuniga@waterboards.ca.gov)>

**Cc:** [swright@pphcsd.org](mailto:swright@pphcsd.org)

**Subject:** Sheep Creek Water Company Update

Good Afternoon Hector and Eric,

This is an update of the current water status for Sheep Creek. We were able to get current static water levels on the wells Monday due to Edison turn of power. 3 of the wells have had an increase of 5 feet and 1 well has had an increase of 18 feet. Consumption has been showing a decrease.

On August 10th we began to receive water from Phelan Pinon Hills CSD at the Tank 6 Interconnect. As of this afternoon we have received just under 10 AF of water and are looking to continue receiving water. We should begin seeing a reduction in flow over the next week. If anything changes and we need to increase flow from PPHCSD I will let you know.

Thank You,

Chris Cummings  
Sheep Creek Water Company  
(760) 559-7956

# Appendix 5

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### APPENDIX 3 – NOTIFICATION OF RECEIPT

**Compliance Order Number:**05-13-18R-002

**Name of Water System:** Sheep Creek Water Company

**System Number:** 3610109

#### Certification

I certify that I am an authorized representative of the Sheep Creek Water Company and that Compliance Order No.05-13-18R-002 was received on \_\_\_\_\_. Further, I certify that the Order has been reviewed by the appropriate management staff of the Sheep Creek Water Company and it is clearly understood that Compliance Order No.05-13-18R-002 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 [September 20, 2018](#)**

**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.