



**PUBLIC NOTICE**  
**Board Meeting of the:**  
**Honey Lake Valley Resource Conservation District**  
**170 Russell Ave. Suite C**  
**Susanville, CA 96130**  
**5302574127 ext. 100**

Attachments available 12/05/22 at [www.honeylakevalleyrzd.us](http://www.honeylakevalleyrzd.us)

**Date: Thursday, December 8th, 2022**

**Location: 170 Russell Ave., Suite C, Susanville CA 96130**

**Time: 3:30 PM**

**AGENDA**

NOTE: THE HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT MAY ADVISE ACTION ON ANY OF THE AGENDA ITEMS SHOWN BELOW.

NOTE: IF YOU NEED A DISABILITY-RELATED MODIFICATION OR ACCOMMODATION, INCLUDING AUXILIARY AIDS OR SERVICES, TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT THE DISTRICT OFFICE AT THE TELEPHONE NUMBER AND ADDRESS LISTED ABOVE AT LEAST A DAY BEFORE THE MEETING.

**I. CALL TO ORDER, ROLL CALL**

**II. APPROVAL OF AGENDA**

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

**III. PUBLIC COMMENT**

Per RCD Board Policy No. 5030.4.1, during this portion of the meeting, any member of the public is permitted to make a brief statement, express his/her viewpoint, or ask a question regarding matters related to the District.

Five (5) minutes may be allotted to each speaker and a maximum of twenty (20) minutes to each subject matter.

**IV. CONSENT ITEMS**

- A. Correspondence
- B. Meeting Minutes: 10/27/2022
- C. Agreements/Contracts

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

**V. REPORTS**

- A. District Manager Report – Stuemky
- B. NRCS Agency Report – Stephens
- C. SWAT - Hanson
- D. WAC Report – Langston/Anderson
- E. Modoc Regional RCD/CARCD Report – Tippin
- F. Fire Safe Council Report – Johnson
- G. Post-Fire Recovery Report - Wooster
- H. IRWMP Report – Claypool
- I. NRCS Partnership Report – Hanson
- J. Unagendized reports by board members

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

**VI. ITEMS FOR BOARD ACTION AND/OR DISCUSSION – RCD**

- A. Discussion regarding Brown Act updates. (attachment)

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

- B. Lassen Prescribed Burn Association Update.

*Tie to the Strategic Plan: Strategic Issue 2 – Stay Relevant to the Conservation Needs of the Community*

- C. Consideration and discussion about an established COLA rate for FY23/24.

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

- D. Consideration and approval of Point Blue Contract for services relating to NACD TA22 grant funds and CARCD/NRCS Underserved Farmers and Ranchers grant work.(attachment)

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.*

E. Second reading of the 2023 RCD/Watermaster Calendar. (attachment)

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCO leadership & organizational capacity.*

**VII. ITEMS FOR BOARD ACTION AND/OR DISCUSSION– WATERMASTER**

A. Consideration and Approval to pay BBK November 2022 Invoices #949539 (\$1,235.00). (attachment)

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

B. Old Channel Project Update - Anderson.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

C. Discussion and direction regarding disposal of the old WM truck.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

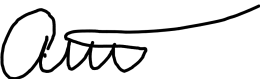
D. Final reading of the Draft Annual Use Report for 2022. (attachment)

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

**VIII. ADJOURNMENT**

The next Honey Lake Valley RCD meeting will be **January 26th, 2023, at 3:30 PM.** The location is the USDA Service Center, 170 Russell Avenue, Suite C, Susanville, CA.

*I certify that on Monday, December, 5th, 2022 agendas were posted as required by Government Code Section 54956 and any other applicable law.*

X 

Andrea Stuemky  
District Manager



**PUBLIC NOTICE**  
**Board Meeting of the:**  
**Honey Lake Valley Resource Conservation District**  
**170 Russell Ave. Suite C**  
**Susanville, CA 96130**  
**5302574127 ext. 100**

Attachments available 10/24/22 at [www.honeylakevalleyrzd.us](http://www.honeylakevalleyrzd.us)

**Date: Thursday, October 27th, 2022**

**Location: 170 Russell Ave., Suite C, Susanville CA 96130**

**MEETING MINUTES**  
**\*votes taken via role call\***

NOTE: THE HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT MAY ADVISE ACTION ON ANY OF THE AGENDA ITEMS SHOWN BELOW.

NOTE: IF YOU NEED A DISABILITY-RELATED MODIFICATION OR ACCOMMODATION, INCLUDING AUXILIARY AIDS OR SERVICES, TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT THE DISTRICT OFFICE AT THE TELEPHONE NUMBER AND ADDRESS LISTED ABOVE AT LEAST A DAY BEFORE THE MEETING.

**I. CALL TO ORDER, PLEDGE OF ALLEGIANCE, ROLL CALL**

Board member Jesse Claypool called the meeting to order at 5:30PM, and a quorum was noted.

**II. APPROVAL OF AGENDA**

Board member Will Johnson made a motion to approve the agenda, Board member Robin Hanson seconded, and the motion passed. All.

***Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.***

**III. PUBLIC COMMENT**

Per RCD Board Policy No. 5030.4.1, during this portion of the meeting, any member of the public is permitted to make a brief statement, express his/her viewpoint, or ask a question regarding matters related to the District. Five (5) minutes may be allotted to each speaker and a

maximum of twenty (20) minutes to each subject matter.

Public comment was made, asking the RCD board for further clarification and communication regards the Willow Creek WM complaint from Willow Creek water users.

## **I. CONSENT ITEMS**

- A. Correspondence
- B. Meeting Minutes: 9/15/2022, 9/22/2022
- C. Financial Reports
- D. Agreements/Contracts

Board member Robin Hanson made a motion to approve the agenda, Board member Will Johnson seconded, and the motion passed. All.

***Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCD leadership & organizational capacity.***

## **II. REPORTS**

- A. District Manager Report – Stuemky (attachment)
- B. NRCS Agency Report – Stephens
  - 1. Reported on the Local Working Group meeting, staff changes, Joint chiefs meeting, and application deadlines for this years CSP and EQIP contracts.
- C. SWAT – Hanson
  - 1. Reported that there is funding will potentially be available in the near future for weeds. Conversations will continue with the county ag. Commissioner and BLM to set up additional meetings.
- D. WAC Report – Langston/Anderson
  - 1. Reported on the Old Channel grant updates, and recent work to the Annual Use Report.
- E. Modoc Regional RCD/CARCD Report – Tippin
  - 1. Reported that the CARCD conference will be held next month, and that updates to AB1902 for division 9 have been finalized.
- F. Fire Safe Council Report – Johnson
  - 1. NONE
- G. Post-Fire Recovery Report – Wooster
  - 1. Reported that there are 22 land owners signed up, and over 2000 burned acres. Outreach in ongoing.
- H. IRWMP Report – Claypool
  - 1. NONE
- I. NRCS Partnership Report – Hanson
  - 1. NONE

- J. Unagendized reports by board members
  - 1. Johnson proposed that he go out with Anderson to the Willow Creek service area. Tippin suggested that we ask our book keeper to help us determine what out actual unrestricted funds are.

*Tie to the Strategic Plan: Strategic Issue 1 – Build HLVRCO leadership & organizational capacity.*

### **III. ITEMS FOR BOARD ACTION AND/OR DISCUSSION – RCD**

- A. Consideration & selection of a Director delegate to attend the annual CARCD 12/8 business meeting being held via Zoom from 5-7 pm PST.

Board member Laurie Tippin made a motion to approve Will Johnson as the delegate, Board member Robin Hanson seconded, and the motion passed. All.

*Tie to the Strategic Plan: Strategic Issue 2 – Stay Relevant to the Conservation Needs of the Community*

- B. Consideration and approval of Larry Bain FY21/22 Audit Services Engagement Letter. (attachment)

Board member Robin Hanson made a motion to approve the engagement letter, Board member Will Johnson seconded, and the motion passed. All.

*Tie to the Strategic Plan: Strategic Issue 2 – Stay Relevant to the Conservation Needs of the Community*

- C. First reading of the 2023 RCD/Watermaster Calendar. (attachment)

Board directed staff to make a few updates for the next draft.

*Tie to the Strategic Plan: Strategic Issue 2 – Stay Relevant to the Conservation Needs of the Community*

### **VII. ITEMS FOR BOARD ACTION AND/OR DISCUSSION– WATERMASTER**

- A. Consideration and Approval to pay BBK October 2022 Invoices #947014 & 947015 (\$1,170.00 & \$325.34). (attachments).

Board member Robin Hanson made a motion to approve the BBK invoices, Board member Will Johnson seconded, and the motion passed. All.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

B. Old Channel Project Update - Anderson.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

C. Potential Watermaster Drone Project presentation and discussion. (attachments)

Board members presented questions regarding the possibility of using a drone for WM work. Board direction to staff was to return this item for further discussion at a later meeting.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

D. First reading of the Draft Annual Use Report for 2022. (attachment)

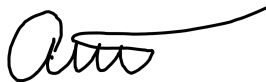
Board direction to staff to make edits to report before bringing back to WAC and HLVRCD board for final approval.

*Tie to the Strategic Plan: Strategic Issue 1.4 – Watermaster services are professionally provided.*

**VII. ADJOURNMENT – 7:56pm**

The next Honey Lake Valley RCD meeting will be **October 27th, 2022, at 5:30 PM.**  
The location is the USDA Service Center, 170 Russell Avenue, Suite C, Susanville,  
CA.

*Respectfully Submitted,*



Andrea Stuemky  
District Manager

APPROVED: \_\_\_\_\_  
Jesse Claypool, RCD Board  
Chairperson

DATE: 010/27/2022



*By: Nicholaus Norvell and Holland Stewart, Best Best & Krieger, LLP*

During its most recent session, the California State Legislature adopted and the Governor signed three significant bills amending the Ralph M. Brown Act (Brown Act). These bills — which take effect on January 1, 2023 — relate to future teleconferencing by members of legislative bodies, posting agenda-related materials, and the removal of members of the public who are disrupting meetings.

*Assembly Bill 2449 – Enhanced Teleconferencing and Recent Developments Relating to Assembly Bill 361 of 2021*

Subject to a number of requirements, AB 2449 provides public agencies with the additional ability for legislative body members to participate remotely in meetings without having to give the public access to private locations. In 2021, in response to the COVID-19 pandemic, the Legislature adopted AB 361 to ease certain requirements for holding teleconference/virtual meetings under the Brown Act during Governor-declared emergencies. Before AB 361, the Brown Act's teleconferencing rules required public agencies to identify each teleconference location on the agenda, post the agenda at those locations, and make each location open to the public, none of which was feasible during a pandemic.

Although AB 361 remains in effect through January 1, 2024, Governor Gavin Newsom recently announced that the declared statewide State of Emergency related to COVID-19 will end on January 28, 2023. This shift is likely to mean that, absent an additional declaration of a State of Emergency, the State of Emergency will end on January 28, 2023.

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local agency, any local agencies conducting meetings under the provisions of AB 361 will — if they have not already — soon need to revert to holding fully in-person public meetings *or* meetings using the newly adopted AB 2449 or traditional Brown Act teleconference rules.

AB 2449 provides for relaxed teleconferencing rules when a member of the legislative body has to attend remotely for an emergency or other reasons supported by “just cause”. Under these new rules, a legislative body may hold a hybrid (partial teleconference, partial in-person) meeting without having to comply with the standard Brown Act teleconference rules under certain circumstances. Those circumstances are:

- One or more members of the legislative body (but less than a quorum) have notified the body at the earliest opportunity of their need to participate remotely for just cause (e.g., childcare or family caregiving need, contagious illness, physical or mental disability need, travel while on official public business); or
- One or more members of the legislative body (but less than a quorum) experience an emergency circumstance (e.g., a physical or family medical emergency that prevents in-person attendance). The member must provide a general description of the circumstances relating to their need to appear remotely; however, they are not required to disclose a medical diagnosis, disability or other confidential medical information. The legislative body must then take action on each member’s request. If the request does not allow sufficient time to be placed on the posted agenda for the meeting for which the request is made, the legislative body may take action on it at the beginning of the meeting.

Members of legislative bodies who wish to use one of these provisions should be sure to contact the agency’s clerk/secretary, general manager, and/or legal counsel as soon as possible before seeking to attend a meeting remotely under AB 2449. Not only does the individual member have to meet the requirements to attend remotely, but there are restrictions on the number of times a member may attend remotely in a year under the just cause provision and in total under AB 2449. In addition, a quorum of the body must still meet in-person at a single location within the district boundaries, and the meeting format must meet the following remote access rules:

- Use either a two-way audio-visual system or a two-way phone service with live webcasting.
- Members participating remotely must disclose at the meeting, before any action is taken, whether any other individuals 18 years of age or older are present

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location with the member, and the general nature of the member's relationship with any such individuals.

- Identify a call-in or internet-based access option for the public on the agenda, along with the in-person meeting location.
- Ensure that, if a disruption to the online meeting occurs, the body takes no further action on agenda items until public access is restored.
- Avoid requiring public comments to be submitted in advance and provide a real-time option for the public to address the body at the meeting.
- Take all votes by roll call.

As referenced earlier, the provisions of AB 2449 cannot be used as the means for any member of a legislative body to participate in meetings of the legislative body solely by teleconference from a remote location for a period of more than three consecutive months or 20 percent of the regular meetings for the local agency within a calendar year, or more than two meetings if the legislative body regularly meets fewer than 10 times per calendar year.

In lieu of AB 2449 teleconferencing, local agencies may always rely on the traditional teleconferencing rules that applied pre-COVID and remain an available option: All votes must be by roll call, the meeting must be conducted to protect the rights of the public appearing before the body or wishing to comment, all members of the public must be able to access the meeting and provide public comment, teleconference locations must be identified in the agenda, copies of the agenda must be posted at all teleconference locations, and teleconference locations must be open to the public. Finally, under traditional Brown Act teleconferencing requirements, at least a quorum of the members of the legislative body who are participating remotely must do so from locations within the agency's jurisdiction.

AB 2449 will present a host of administrative questions for special districts as board members seek to avail themselves of this new option for remote meeting participation. It will be important for special districts to get ahead of this issue and establish a board policy that institutes a workable process for administering requests and ensuring the district remains in compliance with the law. Violations of the Brown Act can leave the agency open to costly legal challenges that could void board actions conducted during a failure to comply.

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### *Assembly Bill 2647 – Posting of Agenda-Related Materials*

AB 2647 makes clear that agenda-related materials distributed to the majority of a legislative body less than 72 hours before a meeting can be posted online to satisfy the requirement of making the documents available to the public.

Previously, under the Brown Act, when local agencies distributed agenda-related materials to members of a legislative body less than 72 hours before a meeting, the agencies were required to make the materials *physically available* for public inspection at a public office or location. Although the Brown Act previously allowed agencies to post such materials on their websites, its basic requirement to make the materials physically available to the public at a public office or location remained in effect.

In *Sierra Watch v. Placer County* (2021) 69 Cal.App.5<sup>th</sup> 86, an appellate court determined that a county violated the Brown Act when it made agenda-related materials available to members of its board of supervisors at a time when the county's office was closed because members of the public would not also have physical access to the materials at that time.

AB 2647 will ensure that agencies can distribute agenda-related materials in a timely fashion, such as updated staff reports or proposed agreements, to their legislative bodies, as long as the materials are made immediately available on the agency's website in a manner that makes it clear that they relate to an agenda item for an upcoming meeting.

### *Senate Bill 1100 – Removing Disruptive Individuals from Meetings*

Under SB 1100, legislative bodies now have additional clarity on their ability to address unwelcome meeting disruptions. The Brown Act already authorizes a legislative body to order the room cleared and continue in session if a group willfully interrupts the orderly conduct of the meeting, provided certain requirements are met. SB 1100 amends the Brown Act to make clear that the presiding member of a legislative body may have an individual removed for disrupting a meeting.

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Before removing an individual however, the legislative body must warn them that their behavior is disruptive and that continued disruption may result in their removal (however, no prior warning is required if they are engaging in or threatening the use of force). Behavior is otherwise “disruptive” if it actually disrupts or impedes the orderly conduct of the meeting.

***For more on this topic, check out the FREE Webinar for CSDA Members: "Brown Act: Come for the Basics, Stay for the Updates."***

### **Register for Webinar: Brown Act: Come for the Basics, Stay for the Updates**

- **January 17, 2023**
- **10:00 a.m. – 12:00 p.m.**

This Brown Act presentation is geared toward board members and general managers / department heads to provide an overview of obligations to the public relative to the open conduct of the public’s business, including an overview of new teleconferencing in rules in effect January 1.

**Stay tuned to the New Laws Series in *CSDA eNews* for more in-depth analyses on new laws affecting special districts.**

*Missed Part 1? Read it now: [LAFCO Protest Procedures](#)*

*Missed Part 2? Read it now: [Unpaid Water Service Bills: Where We are in 2023](#)*

*Missed Part 3? Read it now: [Connection Fee and Capacity Charge Requirements for Public Agencies](#)*

*Communication is provided for general information only and is not offered or intended as legal advice. Readers should seek the advice of an attorney when confronted with legal issues and attorneys should perform an independent evaluation of the issues raised in these communications.*

#FeatureNews

#AdvocacyNews

#BrownAct

#TransparencyandAccountability

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## AGREEMENT FOR SERVICES

This Agreement is made and entered into by and between the Honey Lake Valley Resource Conservation District (HLVRCD) and **Point Blue Conservation Science**, hereinafter referred to as the "CONTRACTOR." By accepting this Agreement, CONTRACTOR agrees to the terms and conditions specified herein.

1. **STATEMENT OF WORK:** The CONTRACTOR shall furnish the necessary personnel, materials, services, and facilities, to perform the work described in Exhibit A ("Scope of Work"), and shall perform such work to the satisfaction of HLVRCD.
2. **PERIOD OF PERFORMANCE:** The Period of Performance for this Agreement shall be from **the date this contract is signed by the HLVRCD Board Director (December 8th, 2022– March 31st, 2024)**. All work shall be completed within this Period of Performance, unless extended by both parties.
3. **COMPENSATION:** The CONTRACTOR shall complete all work in accordance with Exhibit "A". HLVRCD will pay CONTRACTOR at the rates and for the applicable direct costs described in Exhibit B and the total amount shall not exceed \$25,000.00. Contractor will submit invoices no more frequently than once monthly that are consistent with budget amounts listed in Exhibit B and will itemize all costs incurred per approved line items. A brief progress narrative is due with each invoice as described in Exhibit A. HLVRCD will remit invoiced payments within two weeks of receipt of grant funds.
4. **APPLICABLE LAW AND COMPLIANCE:** This Agreement shall be governed by and construed in accordance with the laws of the State of California.
5. **AMENDMENTS:** This Agreement may not be modified, nor may any provisions be waived, unless and until a written modification is issued to the Agreement which is executed by both parties.
6. **RECORDS RETENTION:**
  - A. The CONTRACTOR shall establish an official file containing adequate documentation of all actions taken with respect to the Project, including copies of the Grant Agreement, changes, amendments, letters, email correspondence, financial records, and required reports for a minimum of four (4) years following the final payment of funds or until

completion of any action and resolution of all issues which may arise as a result of an audit, whichever is later.

- B. The CONTRACTOR shall adequately protect all records, physical and electronic, from loss, damage, or destruction during the four (4) year retention period.

7. **AUDIT:**

- A. Grant funded projects are subject to audit by the State of California during the grant term and for up to three years following the termination of the grant agreement. Grantee agrees that the Department, Department of Finance, Bureau of State Audits, or their designated representative shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Grant Agreement. The audit may consist of examining and auditing pertinent books, documents, papers, and records including financial transactions and supporting documents, general accounting systems, internal controls, management practices, policies, and procedures pertaining to the performance of this Grant Agreement.
- B. At any time, the Department, Department of Finance, Bureau of State Audits, or their designated representative may request to review Grantee's records to ensure proper grant management. Grantee shall be given advance notice when the grant-funded Project is selected for an audit or review by the Department, Department of Finance, Bureau of State Audits, or their designated representative. Grantee agrees to allow the auditor(s) access to such records during normal business hours, excluding State of California holidays, and to allow interviews of any employees who might reasonably have information related to such records. Further, Grantee agrees to include a similar right of the Department to audit records and interview staff in any subcontract related to performance of this Grant Agreement in accordance with Government Code section 8546.7. Grantee shall comply with the above and be aware of the penalties for violations of fraud and for obstruction of investigation as set forth in Public Contract Code section 10115.10.

8. **INDEMNIFICATION:** The CONTRACTOR agrees to indemnify, defend, and hold harmless the State of California, its officers, agents, and employees from any and all claims and losses accruing or resulting to any and all Grantees, partners, subcontractors, suppliers, laborers, and any other person, firm, or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Grant Agreement, and from any and all claims and losses accruing or resulting to any person, firm, or corporation who may be injured or damaged by Grantee in the performance of this Grant Agreement.

9. **NONDISCRIMINATION CLAUSE:** During the performance of this Grant Agreement, the CONTRACTOR and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of race, color,

ancestry, national origin, religion, creed, age (over 40), mental disability, physical disability, sex, gender (including pregnancy, childbirth, breastfeeding, or related medical conditions), sexual orientation, gender identity, gender expression, medical condition, genetic information, marital status, and military and veteran status. The CONTRACTOR and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. The CONTRACTOR and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Grant Agreement by reference and made a part hereof as if set forth in full. The CONTRACTOR and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Grant Agreement.

The CONTRACTOR shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under this Grant Agreement.

10. **ENTIRE AGREEMENT:** Upon acceptance of this Agreement, CONTRACTOR agrees that the provisions under this Agreement, including all documents incorporated herein by reference, shall constitute the entire agreement between the parties and supersedes all prior agreements, written or verbal, relating to the subject matter thereof.
11. **REPRESENTATIONS AND WARRANTIES:** The CONTRACTOR will make no representations, warranties, or commitments binding HLVRCD without HLVRCD's prior written consent.
12. **LEGAL RIGHT:** CONTRACTOR covenants and warrants that it has the legal right to enter into this Agreement and to perform in accordance with its terms without violating the rights of others or any applicable law and that it has not and shall not become a party to any other agreement of any kind which conflicts with this Agreement. CONTRACTOR shall indemnify and hold harmless HLVRCD from any and all damages, claims and expenses arising out of or resulting from any claim that this Agreement violates any such agreements. Breach of this warranty shall operate to terminate this Agreement automatically without notice as specified in Paragraph 15 and to terminate all obligations of Point Blue to pay any amounts, which remain unpaid under this Agreement.
13. **THE WAIVER:** Failure to invoke any right, condition, or covenant in this Agreement by either party shall not be deemed to imply or constitute a waiver of any rights, condition, or covenant and neither party may rely on such failure.

## 14. INSURANCE REQUIREMENTS:

- A. CONTRACTOR that is a governmental organization may provide evidence of self-insurance to satisfy this requirement.
  - B. If CONTRACTOR is not a governmental organization or is unable to provide evidence of self-insurance, then it shall obtain and keep in force for the term of this Agreement the following insurance policies that cover any acts or omissions of CONTRACTOR, its subcontractors, or its employees engaged in the provision of service specified in this Agreement:
    - i. Workers' Compensation Insurance in an amount of not less than \$1,000,000 in accordance with the statutory requirement of the State of California (California Labor Code § 3700 et seq.).
    - ii. Commercial general liability insurance in an amount of not less than \$1,000,000 per occurrence for bodily injury and property damage combined.
    - iii. Motor vehicle liability insurance in an amount not less than \$1,000,000 per accident for bodily injury and property damage combined. Such insurance shall cover liability arising out of any motor vehicle including owned or hired, and non-owned motor vehicles.
  - C. The State of California, its officers, agents, and employees are included as additional insured, but only with respect to work performed for the State of California under this Grant Agreement. The additional insured endorsement must accompany the certificate of insurance.
  - D. CONTRACTOR shall submit proof of insurance documents referencing this Grant Agreement number to the HLVRCD electronically within thirty (30) days of signing this Grant Agreement.
  - E. CONTRACTOR shall notify HLVRCD in writing within five (5) working days of any cancellation, non-renewal, or material change that affects required insurance coverage.
  - F. CONTRACTOR shall submit proof of new or updated policy based on insurance requirements within thirty (30) days of policy cancellation or substantial policy change. Failure to provide proof of insurance may result in termination of this Grant Agreement.
15. **STOP WORK:** If it is determined, at the sole discretion of the HLVRCD, that the CONTRACTOR is not meeting the terms and conditions of this Grant Agreement, immediately upon receiving a written notice through certified mail from the HLVRCD to stop work, the CONTRACTOR shall cease all work under this Grant Agreement. The HLVRCD has the sole discretion to determine that the CONTRACTOR meets the terms and conditions after a stop work order, and to send through certified mail a written notice to Grantee to resume work under this Grant Agreement.



16. **PUBLICITY:** CONTRACTOR agrees that it will acknowledge the and HLVRCD's support whenever activities or projects funded, in whole or in part, by this Grant Agreement are publicized in any news media, brochures, articles, seminars, websites, or other type of promotional material.
  
17. **AMERICANS WITH DISABILITIES ACT:** CONTRACTOR assures the HLVRCD that it complies with the Americans with Disabilities Act (ADA) of 1990, which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA (42 U.S.C. 12101 et seq.).
  
18. **NOTICE:** Any notice or communication permitted or required by this Agreement shall be deemed effective when personally delivered by electronic mail or deposited, postage prepaid, in the first class mail of the United States properly addressed to the appropriate party at the addresses set forth below:
  - a. Notices to CONTRACTOR:  
  

Tiffany Russell  
Point Blue Conservation Science Biologist  
170 Russell Avenue, Suite C  
Susanville, CA 96130  
Contact Info
  
  - b. Notices to HLVRCD:  
  

Andrea Stuemky  
District Manager  
Honey Lake Valley Resource Conservation District  
170 Russell Avenue, Suite C  
Susanville, CA 96130  
Tel: 530-260-0067  
[astuemky@honeylakevalleyrcd.us](mailto:astuemky@honeylakevalleyrcd.us)
  
19. **CONFIDENTIALITY OF DATA:** The CONTRACTOR shall not disclose data, reports, or other information collected or developed pursuant to this Agreement without the express written permission of HLVRCD.
  
20. **LICENSES, PERMITS, AND COMPLIANCE WITH FEDERAL AND LOCAL LAWS:** CONTRACTOR agrees to comply with all applicable provisions of Federal and State statutes, municipal ordinances, regulations, and requirements issued or imposed by any governmental authority.

# Honey Lake Valley Resource Conservation District

170 Russell Ave., Suite C.  
Susanville, CA 96130  
(530)252-7271

www.honeylakevalleyrcd.org



21. **TERMINATION:** HLVRCD shall have the right to terminate CONTRACTOR for convenience or default according to circumstances.
22. **FINANCIAL MANAGEMENT:** CONTRACTOR shall maintain accounting procedures which are sufficient to track funds to a level of expenditures adequate to establish that such funds have been used in accordance with the requirements of this Agreement.
23. **CORRECTION OF DEFECTS:** CONTRACTOR will correct any defects reported by HLVRCD up to one year following the termination or expiration of this Agreement.
24. **WORKER'S COMPENSATION:** CONTRACTOR agrees to comply with provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that Code, before commencing the performance of the work under this Agreement. HLVRCD will make its contractors and subcontractors aware of this provision and determine that they have complied with it before commencing work on the project. Volunteer laborers are exempt from the worker's compensation provision of the California Labor Code.

In witness hereof, the parties have agreed to the terms set forth herein, on the day and year below.

Honey Lake Valley RCD:

CONTRACTOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Jesse Claypool

Name: \_\_\_\_\_

Title: Board Chair

Title:

Org: Point Blue Conservation Science

Date: \_\_\_\_\_

Date: \_\_\_\_\_

## **Exhibit A – Scope of Work**

### **Point Blue Conservation Science**

Point Blue Conservation Science (Point Blue) will provide technical assistance and conservation planning services to the US Department of Agriculture Natural Resources Conservation Service (NRCS) Eureka Field Office. Point Blue's duties will include outreach, planning, contracting, and certification for conservation projects addressing site-specific resource concerns. Conduct conservation planning and inventory for wildlife factors on NRCS projects using NRCS approved science-based tools; such as, but not limited to, Wildlife Habitat Evaluation Guides (WHEGs), Stream Visual Assessment Protocol (SVAP), Pollinator Habitat Assessment (PHA), Environmental Evaluation (EE or CPA-52 form). Inspect, measure, and certify completed NRCS project work in accordance with NRCS Practice Standards, Specifications and Implementation Requirements. Review documentation for accuracy, compliance with regulations, and justification of requests for payment to clients for goods and services.

Point Blue will assist the Honey Lake Valley RCD (HLVRCD) with outreach to historically underserved farmers/ranchers. Point Blue will assist the HLVRCD to hold two workshops relating to FSA and NRCS programs and processes and hold two demonstration days at local farms/ranches with historically underserved producers to show NRCS funded practices. Additionally, Point Blue will assist HLVRCD with establishing &/or strengthening partnerships with tribes and organizations that have relationships with underserved producers to reach producers who do not know NRCS programming.

## **Exhibit B – Budget**

Services provided by Tiffany Russell at \$71.88 /hr from Dec 8th, 2022-Mar 31, 2023, and \$75.48/hr from April 1, 2023-March 31, 2024, not to exceed \$25,000. Minimum of 5hrs/week, maximum of 20 hrs/week Point Blue will provide 25% matching funds, valued at \$6,250. Point Blue services will be split between available NACD TA21 grant funds and CARCD/NRCS Underserved Farmers and Ranchers Equity grant funds.



# HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT

January 2023						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February 2023						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March 2023						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April 2023						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

May 2023						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June 2023						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

January		
01/01/23 (Sun)	New Year's Day (observed 1/2/2023)	Holiday
01/12/23 (Thu)	Organizational Meeting	WAC Meeting
01/16/23 (Mon)	Martin Luther King Day	Holiday
01/26/23 (Thu)	Organizational Meeting, Adopt Calendar, FYE22 Mid-Year Budget Review, WAC Appointments	RCD Meeting

February		
02/20/23 (Mon)	President's Day	Holiday
02/23/23 (Thu)	FYE22 Audit, 1st Reading - Strategic/Annual Operations Plan (AOP) Review, FYE23 RCD/WM Budget Review DM Mid Year Evaluation	RCD Meeting

March		
03/01/23 (Wed)	Irrigation Season Begins	Deadline
03/09/23 (Thu)	FYE21 Budget Review, Direct Billing	WAC Meeting
03/23/23 (Thu)	1st Reading - FYE24 RCD/WM Budget, 2nd Reading - Strategic/AOP	RCD Meeting

April		
04/27/23 (Thu)	Adopt Strategic/AOP, 2nd Reading - FYE24 RCD/WM Budget Begin 5:30 schedule	RCD Meeting

May		
05/01/23 (Mon)	Update WM Control Cards	Deadline
05/11/23 (Thu)		WAC Meeting
05/25/23 (Thu)	Budget Hearing - Approve FYE23 RCD/WM Budget, Initiate WM Assessment Apportionment	RCD Meeting
05/29/23 (Mon)	Memorial Day	Holiday

June		
06/14/23 (Wed)	Apportionment and Assessment Letters Due to Water Users	Deadline
06/19/23 (Mon)	Juneteenth	Holiday
06/22/23 (Thu)	Review RCD Board Appointments	RCD Meeting



# HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT

July 2023						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

July		
07/04/23 (Tue)	Independence day	Holiday
07/06/23 (Thu)		WAC Meeting
07/27/23 (Thu)	Certify Apportionments to Auditor, Initiate FYE23 Audit	RCD Meeting

August 2023						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August		
08/08/23 (Tue)	Certified Apportionments due to Auditor	Deadline
08/24/23 (Thu)	Annual DM Evaluation	RCD Meeting

September 2023						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

September		
09/04/23 (Mon)	Labor Day	Holiday
09/07/23 (Thu)	Draft 2022/23 SRWSA Annual Use Report	WAC Meeting
09/28/23 (Thu)	1st Reading - 2022/23 SRWSA Annual Use Report	RCD Meeting

October 2023						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October		
10/09/23 (Mon)	Indigenous Peoples Day	Holiday
10/26/23 (Thu)	2nd Reading - 2022/23 SRWSA Annual Use Report, 1st Reading - 2024 RCD Calendar	RCD Meeting
10/31/23 (Tue)	Irrigation Season Ends - Direct Billing	Deadline

November 2023						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November		
11/11/23 (Sat)	Veterans Day (Observed Friday 11/10/23)	Holiday
11/09/23 (Thu)	Approve 22/23 SRWSA Annual Use Report	WAC Meeting
11/23/23 (Thu)	Thanksgiving	Holiday
11/24/23 (Fri)	Thanksgiving Holiday	Holiday

December 2023						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December		
12/07/23 (Thu)	Meeting status subject to change; Approve 2022/23 SRWSA Annual Use Report (submit to Court pending approval), 2nd Reading - 2024 RCD Calendar	RCD Meeting
12/22/23 (Fri)	1/2 Holiday	Holiday
12/25/23 (Mon)	Christmas Day Observed	Holiday
12/29/23 (Fri)	SRWSA Annual Use Report submitted to Court	Deadline

Indian Wells  
(760) 568-2611

Irvine  
(949) 263-2600

Los Angeles  
(213) 617-8100

Bend, OR  
(541) 382-3011



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ANDREA STUEMKY, RCD DISTRICT MANAGER  
HONEY LAKE VALLEY RESOURCE CONSERVATION DISTRICT  
170 RUSSELL AVENUE  
SUSANVILLE, CA 96130

November 4, 2022  
949539  
ANN M. SIPRELLE  
Page 1

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**INVOICE SUMMARY**

*For Professional Services Rendered Through October 31, 2022:*

Matter # 83697.00001

GENERAL/WATER COUNSEL

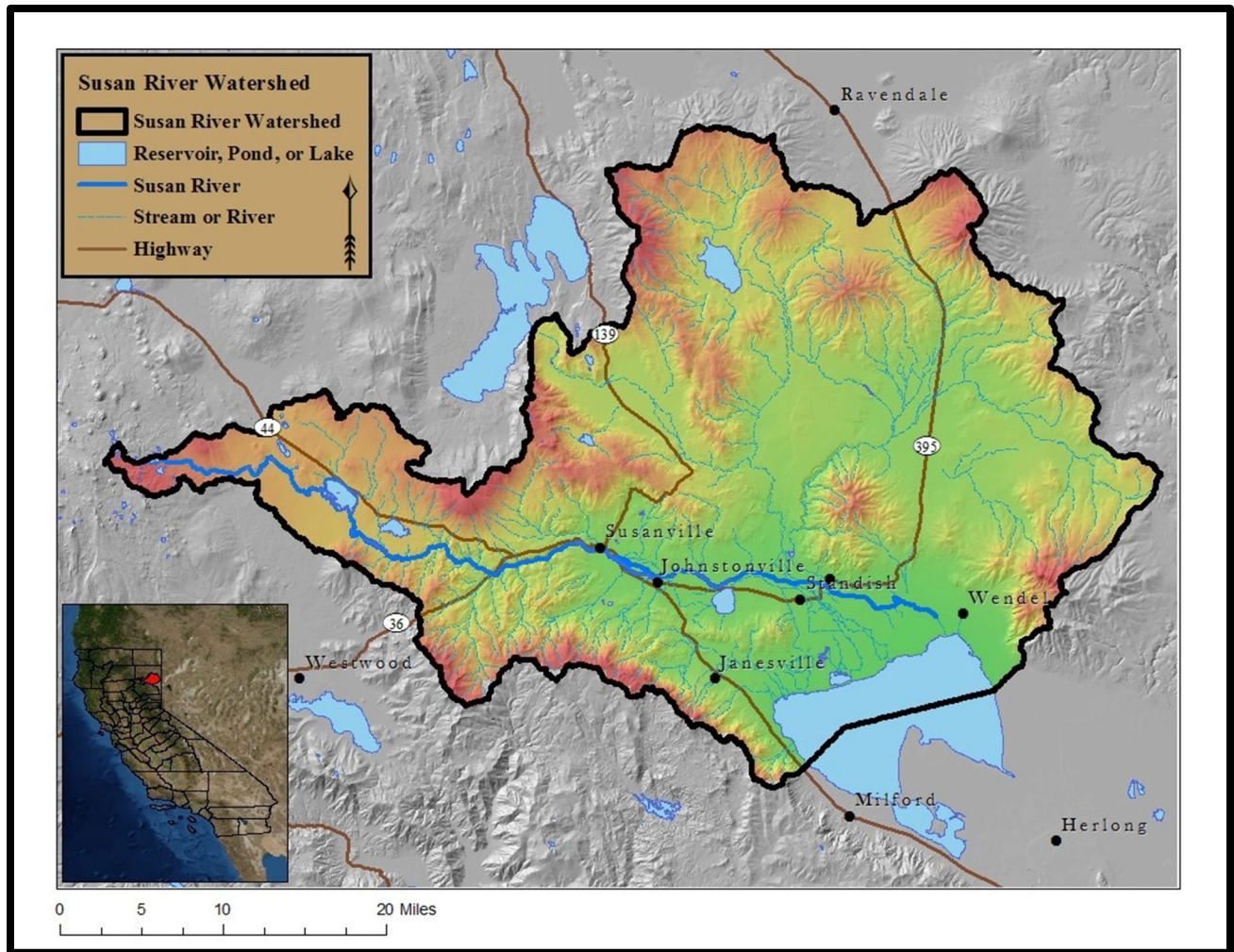
Current Fees:	\$	65.00
Total Current Billings For This Matter:	\$	65.00
Balance from Previous Statement:		1,170.00
Payments and Other Credits Received:		(0.00)
Prior Outstanding Balance:		1,170.00
<b>Total Amount Due:</b>	<b>\$</b>	<b>1,235.00</b>

**Invoice Due and Payable Upon Receipt**



HONEY LAKE VALLEY  
RESOURCE  
CONSERVATION  
DISTRICT

# SUSAN RIVER WATERMASTER SERVICE AREA



ANNUAL USE REPORT - 2021/22

# Susan River

## Watermaster Service Area

### Annual Use Report- 2021/2022

**Fiscal Year:** July 1, 2021- June 30, 2022

**Irrigation Season:** March 1, 2022- October 31, 2022

**Storage Season:** November 1, 2021- February 29, 2022

Lassen County, California

Decree No.'s 4573, 8174 and 8175

Submitted by December 31, 2022 to

The Presiding Judge, Lassen County Superior Court



Prepared By:

*Honey Lake Valley Resource Conservation District*  
170 Russell Ave.  
Susanville, CA 96130



## Contents

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Methods of Distribution:	5
Watermaster Service Fiscal Information:	6
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## General Description:

The Susan River service area is located in the southern part of Lassen County in the vicinity of the town of Susanville. There are approximately 246 water right owners in the service area with total continuous allotments of 351.922 cubic feet per second in addition to storage rights held by several users. The source of supply consists of three stream systems as follows: Susan River, Baxter Creek, Parker Creek and their associated tributaries.

Susan River has its sources on the east slope of the Sierra Nevada Mountains in the southwesterly portion of Lassen County immediately east of Lassen National Park at an elevation of about 7,900 feet. Its channel runs easterly from Silver Lake through McCoy Flat Reservoir, through Susanville, and easterly on to Honey Lake.

Susan River has four major tributaries: Paiute Creek (entering from the north at Susanville), Gold Run and Lassen Creeks (entering from the south between Susanville and Johnstonville), and Willow Creek (entering from the north above Standish). Gold Run Creek and Lassen Creek rise on the north slope of Diamond Mountain at an elevation of about 7,600 feet. The watersheds of Paiute Creek and Willow Creek are lower and they rise on the south slopes of Round Valley Mountains.

A short distance below the confluence of Willow Creek and Susan River the river channel divides into three branches known as Tanner Slough Channel on the north, Old Channel in the middle, and Dill Slough Channel on the south. Two channels which take off Dill Slough on the south are known as Hartson Slough and Whitehead Slough.

The Baxter Creek stream system is situated in Honey Lake Valley on the east slope of the Sierra Nevada about 10 miles southeast of Susanville in the southern portion of Lassen County. The principal streams in the Baxter Creek stream system are Baxter Creek (which rises in the extreme western portion of the basin and flows in an easterly direction), Elysian Creek, Sloss Creek, and Bankhead Creek (a tributary to Baxter Creek from the south). Elysian Creek has three tributaries: North Fork Elysian Creek, South Fork Elysian Creek, and Kanavel Creek.

Parker Creek is situated in Honey Lake Valley on the east slope of the Sierra Nevada about 15 miles southeast of Susanville in the southern portion of Lassen County. Its source is on the east

slope of Diamond Mountain and flows in an easterly direction for about 5 miles into Honey Lake. The primary area of water use in the Susan River service area is in Honey Lake Valley between Susanville and the northwest shore of Honey Lake, 25 miles in length. The valley floor is at an elevation of about 4,000 feet.

## Water Supply:

The water supply in the Susan River service area comes from two major sources: snowmelt runoff and springs. The snowpack on the Willow Creek Valley and Paiute Creek watersheds, which embrace more than half of the Susan River stream system, melts early in the spring and usually is entirely depleted by the first of May. The irrigation requirements from this portion of the stream system after the first of May are almost entirely dependent upon the flow of perennial springs which remain constant throughout the year. Under normal conditions, the flows of Lassen Creek, Gold Run Creek, Baxter Creek, Parker Creek, and the Susan River above Susanville are well sustained by melting snows until early June. The flow from perennial springs in this portion of the water system is comparatively small. The Lassen Irrigation Company stores supplemental water in Hog Flat Reservoir and McCoy Flat Reservoir, located on the headwaters of the Susan River. This stored water is released into the Susan River, which is used as a conveyance and commingled with the natural flow usually during June and July. It is then diverted into the A and B Canal leading to Lake Leavitt for further distribution by the irrigation district.

## Precipitation Outlook for 2022-2023

The National Ocean and Atmospheric Administration (NOAA) has predicted as of October 20<sup>th</sup>, 2022, that a “near normal” amount of precipitation will occur for Northern California including the Susan River watershed for November 2022 to February 2023. NOAA also predicted “above normal” temperatures from November 2022 to January 2023, with temperatures predicted to return to “near normal” from December 2022 to February 2023.

As of October 13<sup>th</sup>, 2022, NOAA has predicted a 75% chance of a continued La Niña during the Northern Hemisphere winter of December 2022 to February 2023. The service also predicts a 54% chance for an ENSO-neutral from February-April of 2023.

## Methods of Distribution:

Irrigation in the Susan River service area is accomplished by placing diversion dams in the main channel of the stream system, to raise the water to the level required to divert into the canals, sloughs and ditches. These dams for diversion are relatively large on the Susan River compared to those on the smaller tributaries. Various methods of irrigation are practiced; the most common approach is by flooding. With this technique, water is transported by a main conveyance channel along the high point of the lands to be irrigated. It is then dispersed by laterals along the higher ridges of the tract from which it can be distributed over the area to be irrigated by the smaller laterals of the ditch system. Sub-irrigation occurs in some areas incidental to surface irrigation or because of seepage from ditches or creek channels. During the past several years, numerous users have increased the usage of sprinkler irrigation by wheel lines to improve the efficiency of their irrigation systems.

## Watermaster Service Fiscal Information:

The FY 2021/2022 Watermaster Service Budget was adopted on May 27<sup>th</sup>, 2021 in the amount of \$220,000; remaining steady with the FY 2020/2021 assessment of \$225,000. The Budget was increased due to high legal fees experienced by the District over three active water right litigation cases. The required notification regarding the budget, apportionment and individual assessments were mailed to the users and filed with the Lassen County Superior Court before June 15, 2021. There were no filed objections to the budget or apportionment within 15 days or thereafter; and thus, deemed approved by the Court without further hearing. The approved budget, apportionment, and individual assessments were certified to the Lassen County Auditor and the Lassen County Board of Supervisors prior to August 10, 2021.

## 2021/2022 Water Allocation and Distribution:

The Susan River Watermaster Service Area experienced light precipitation compared to the area's average. Based on California Cooperative Snow Surveys for the Susanville area, October 2020 through September 2021, the Northern Sierra area received only 25% of the average snow water content by April 1<sup>st</sup>, the point of peak average snow water equivalent content. The general availability of water for the various stream systems are described below.

**Parker Creek:** First priority water rights were served at proration through mid-spring.

**Baxter/Elysian Creek:** Users of both Baxter Creek and Elysian Creek could divert at prorated rates through early May.

**Paiute Creek:** The water supply in Paiute Creek was present in quantities for low proration for most of year, with low flows in March and April.

**Lassen Creek:** No Data Available

**Hills Creek:** Recent fires have improved waterflow. Hills Creek has a prorated supply throughout the year.

**Gold Run Creek:** Recent fires have improved waterflow. Water was available in prorated amounts for irrigation until August where it ceased temporarily. Prorate flows returned by September.

**Upper Susan River:** Flows for the Upper Susan met the full requirements of the Schedule 5, 2nd priority water right allotments up until early May. Stock water was available to most users through the irrigation season.

**Lower Susan River Below the Confluence of Willow Creek:** The Lower Susan had irrigation water for Schedule 3, 3<sup>rd</sup> priority users until late April and was nearly sufficient for schedule 3, 2<sup>nd</sup> priority users until mid-late may. Stockwater was available to most users until mid-June. Past this point only users upstream were able to exercise stock watering rights.

**Willow Creek:** Prorated allocations were available through late May. Flows were sufficient for regular stock watering of the second priority until late June. Conveyance of stockwater to downstream users developed issues from June to September.

**Bankhead/Sloss Creek:** Irrigation water was not available this year for consumption.

**Lassen Irrigation Company Storage Reservoirs:** LIC began diverting water from McCoy Flat Reservoir on June 1<sup>st</sup>, utilizing the reservoir completely by June 23<sup>rd</sup>. Hog Flat Reservoir water utilization started approximately on June 29<sup>th</sup> and was completely drained by approximately July 10<sup>th</sup>.

## Miscellaneous notable events:

1. The Watermaster truck was unavailable from April 19<sup>th</sup> to June 2<sup>nd</sup> due to a severe mechanical failure. Two new Watermaster service trucks were acquired for a total of \$27,088. One vehicle is reserved for WM use only. The second truck is currently leased to the HLVRCD for total recovery of cost of purchase, and potential use by the Watermaster in case of emergency.
2. Henry Anderson was hired on as the new Deputy Watermaster for the SRWSA on March 9<sup>th</sup>, 2022. Henry has a Bachelor of Science in Chemistry and formerly worked as a Liquid Media Formulation Technician.
3. On May 31, 2022 the California Court of Appeals, Third Appellate District decided on the case of Dow V. Lassen Irrigation Company; ruling that Judgement 3037 does not award specific quantities of water for use against that over others in the water shed in relation to Decree 4573. Furthermore, the court ruled in favor of the Lassen Irrigation Companies claim that paragraph 17 of the Susan River Decree 4573, under the justification that the change of place of use can cause injury to others by negatively affecting the return flows to the water course. Furthermore, the water rights in question were deemed by the Supreme Court to be riparian in nature and therefore it would be unreasonable to move said rights from their intended place of use.
4. The Watermaster Service recently worked with Whitestar mapping to digitize the irrigated lands and diversions as described in the Parker, Susan, and Baxter Decrees. The information is now readily available on the HLVRCD website and should assist users and the Watermaster in better navigating the system in supplement to the DWR irrigated lands maps. - <https://www.honeylakevalleyrcd.us/srwsa-interactive-map>
5. The Watermaster Service has begun using more frequently digital depth recording devices. These can be deployed in most stream systems and provide recording lengths upwards of several months if necessary. An example chart of the data is found in Appendix D.

## **Appendices A-E**

Numerical values are in cubic feet per second (cfs)  
A blank space indicates no reading.

## Appendix A: Department of Water Resources, Digital Gauge Data

FLOW OF SUSAN RIVER at SUSANVILLE (SSU) ( $\frac{ft^3s^{-1}}{CFS}$ )

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	64	114	101	29	33	11	9	8
2	84	110	94	40	32	12	9	9
3	97	102	87	55	32	11	10	9
4	109	95	84	55	34	10	9	9
5	109	94	81	60	32	11	9	9
6	91	88	79	56	31	13	8	9
7	83	84	76	53	26	11	8	9
8	79	85	74	52	24	12	9	9
9	77	84	75	51	21	13	9	9
10	72	76	75	50	18	12	10	9
11	66	80	73	49	15	12	10	9
12	66	73	67	53	14	11	10	9
13	69	65	64	60	13	12	8	9
14	70	72	61	49	12	11	8	9
15	119	89	58	47	12	11	8	9
16	136	174	56	45	13	11	8	10
17	120	143	53	46	11	12	8	10
18	115	121	51	45	11	15	8	10
19	120	161	50	46	10	12	10	10
20	109	132	48	43	11	11	17	10
21	103	212	46	41	12	10	13	10
22	125	195	43	40	12	10	13	10
23	151	166	41	36	12	9	12	11
24	163	149	39	34	12	10	11	12
25	167	139	38	22	10	9	10	13
26	168	133	36	18	10	10	10	13
27	165	128	34	15	11	9	10	13
28	150	121	35	17	10	9	10	13
29	131	111	35	34	11	9	9	13
30	126	105	33	33	11	10	8	13
31	119		30		11	9		13

Note: The green box border marks LIC's utilization of Hog Flat Reservoir. The blue box border marks LIC's utilization of McCoy Flat Reservoir. These daily values were averaged from the gauge's 'Real Time' 15-minute interval data. Throughout the beginning of the season, the River commonly had dramatic increases and decreases in flow, in the span of 8-48 hours. Because of this, some of the above daily averages may be skewed. The water being released from Hog and McCoy Flat Reservoirs are included in



these figures. Values measured in CFS for the irrigation season from March 1<sup>st</sup>, 2022 to October 31<sup>st</sup>, 2022.

**FLOW OF SUSAN RIVER at the CONFLUENCE of WILLOW CREEK (SSD) ( $ft^3s^{-1}/CFS$ )**

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	24	69	49	11	0	0	0	0
2	42	66	50	9	0	0	0	0
3	51	66	49	7	0	0	0	0
4	59	66	47	6	0	0	0	0
5	67	62	40	6	0	0	0	0
6	63	59	41	5	0	0	0	1
7	57	57	42	5	0	0	0	3
8	43	55	40	6	0	0	0	3
9	53	50	38	6	0	0	0	0
10	53	47	39	6	0	0	0	0
11	48	48	40	1	0	0	0	0
12	41	44	38	0	0	0	0	0
13	43	40	33	0	0	0	0	0
14	57	41	25	1	0	0	0	5
15	58	47	24	5	0	0	0	10
16	81	54	21	6	0	0	0	11
17	74	65	20	5	0	0	0	12
18	77	52	21	5	0	0	0	9
19	75	65	20	5	0	0	0	6
20	73	63	20	5	0	0	0	6
21	66	78	20	4	0	0	0	5
22	63	91	25	4	0	0	0	2
23	71	77	19	5	0	0	0	0
24	78	70	20	3	0	0	0	1
25	82	65	22	1	0	0	0	5
26	83	64	16	0	0	0	0	9
27	84	60	9	3	0	0	0	12
28	84	56	8	4	0	0	0	14
29	80	55	8	1	0	0	2	14
30	76	52	12	0	0	0	0	14
31	74		12		0	0		15

Note: These daily values were averaged from the gauge's 'Real Time' 15-minute interval data. The 'x' represent known extremely high flows, overtopping the gauge sensor and reading as zeros. Values measured in CFS for the irrigation season from March 1<sup>st</sup>, 2022 to October 31<sup>st</sup>, 2022.

FLOW OF WILLOW CREEK at the CONFLUENCE of the SUSAN RIVER (WCD) ( $ft^3s^{-1}/CFS$ )

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	38	28	20	9	6	1	0	4
2	43	26	20	8	5	3	0	4
3	45	26	20	7	5	3	0	4
4	45	26	21	7	5	3	0	4
5	49	25	20	8	6	3	0	5
6	49	24	20	7	6	3	0	5
7	50	24	19	7	5	1	2	6
8	48	24	18	7	4	1	3	6
9	53	23	18	7	4	2	3	5
10	52	23	19	7	4	3	3	5
11	47	25	19	7	4	0	3	5
12	44	25	18	7	4	0	3	5
13	42	24	17	7	4	1	3	5
14	47	24	16	7	4	2	3	6
15	44	26	16	7	4	3	3	7
16	66	31	16	6	4	2	3	7
17	51	37	15	6	3	2	3	7
18	51	39	14	7	4	3	3	7
19	47	35	14	7	4	3	3	6
20	45	34	14	8	4	2	4	6
21	41	44	14	7	3	2	5	6
22	41	60	14	7	3	0	4	6
23	42	39	13	7	3	0	4	6
24	47	32	12	7	3	0	4	7
25	51	28	13	7	3	0	4	7
26	51	27	11	6	3	0	4	8
27	49	25	10	6	3	0	4	8
28	50	23	9	6	3	0	4	9
29	44	22	9	6	3	0	5	9
30	37	21	10	5	1	1	4	9
31	34		9		0	0		9

Note: These daily values were averaged from the gauge's 'Real Time' 15-minute interval data. The 'x' represent known extremely high flows, overtopping the gauge sensor and reading as zeros. Values measured in CFS for the irrigation season from March 1<sup>st</sup>, 2022 to October 31<sup>st</sup>, 2022.

## Appendix B: McCoy Flat and Hog Flat Reservoir Outflows

Release Flow of McCoy and Hog Flat Reservoirs( $ft^3s^{-1}/CFS$ )

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1				26.42				
2								
3								
4								
5					8.38			
6								
7					8.88			
8					7.2			
9								
10								
11								
12								
13					0			
14								
15								
16								
17								
18								
19								
20								
21				19.56				
22								
23				15.92				
24								
25								
26								
27								
28								
29								
30								
31								

Note: Release from McCoy Flat Reservoir labeled in blue, release from Hog Flat Reservoir in green.

Values measured in CFS for the irrigation season from March 1<sup>st</sup>, 2022 to October 31<sup>st</sup>, 2022.

## Appendix C: Susan River Watermaster Spot Checks

Note: Values are of a measure at one moment in time. This Irrigation Season, dam and diversion adjustments were especially frequent throughout the system, due to the flashy nature of the Susan River and its tributaries. Values are measured in CFS for the irrigation season from March 1<sup>st</sup>, 2022 to October 31<sup>st</sup>, 2022.

### Flow of Old Channel Diversion ( $ft^3s^{-1}/CFS$ )

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1				11.24		0.37		
2								
3				15.23				
4		8.19						
5								
6			11.35				2.16	
7								
8		10.75			2.9			
9								
10						4.91		
11								
12								
13				13.75	8.06			
14								
15								
16								
17								
18								
19								
20							2.32	
21		17		11.42				
22								
23								
24				0.56				3.93
25								2.32
26					1.49			
27								
28							1.92	
29				5.44		3.92		
30						2.99		
31								

Note: When the River flow was at 100% availability, the full allotment for all users on Old Channel could not be supplied, due to the lack of water elevation at the dam, minimal flows, and the highly vegetated

channel. Old Channel is not considered a legal diversion by the decrees, however, the channel serves as water conveyance for diversions 13 to 35 of the Susan River.

Flow of DIVERSION #13 ( $ft^3s^{-1}/CFS$ )

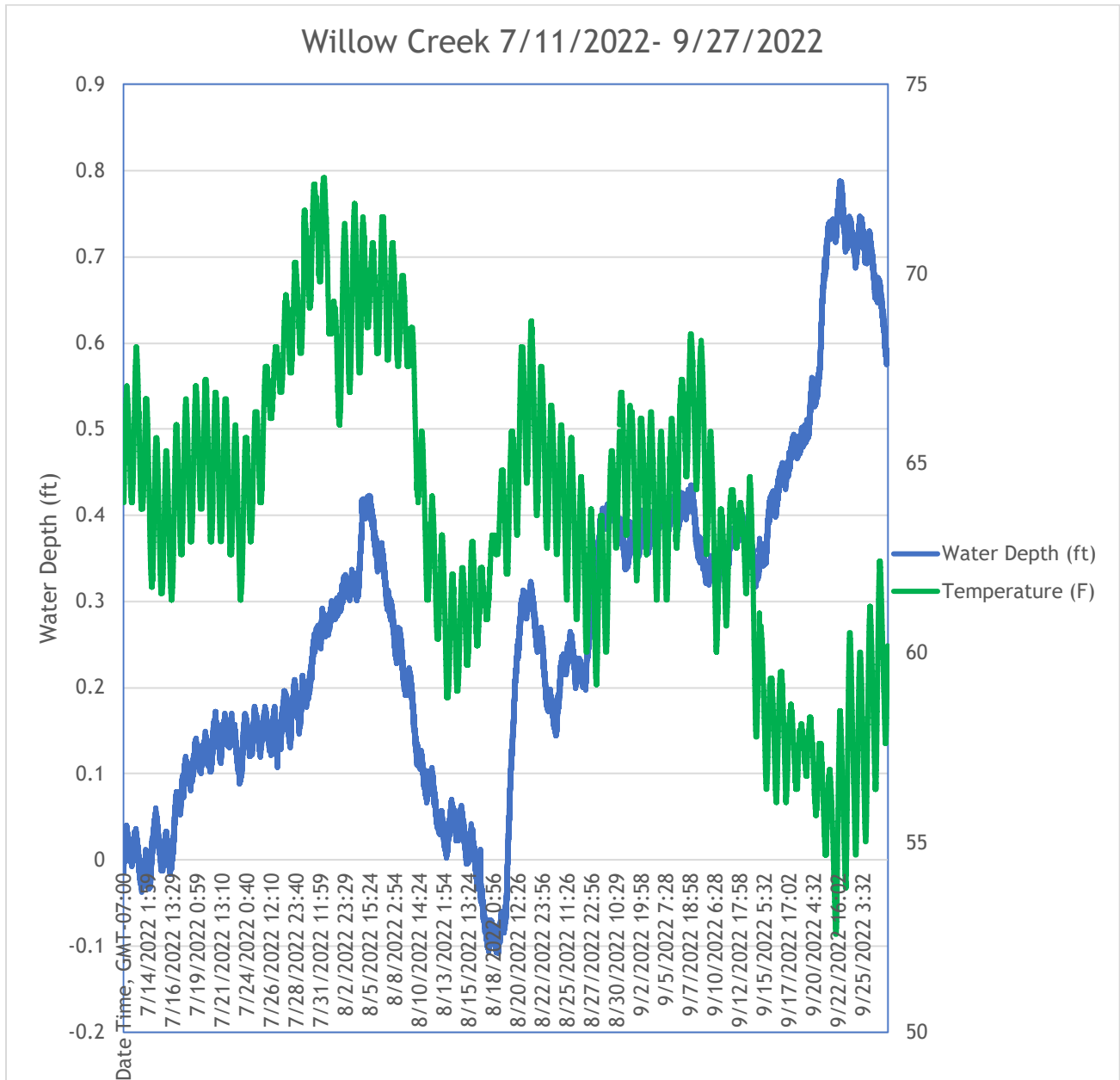
DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1				2.04		0		
2								
3				2.66				
4		1.47						
5								
6			2.11				0.26	
7								
8		2.04				0		
9								
10						0.84		
11								
12								
13				0	1.34			
14								
15								
16	0							
17								
18								
19								
20							0.26	
21		5.58						
22	0							
23								
24				0				0.63
25								0.26
26					0.19			
27								0.19
28							0.62	
29				0.96		0.63		
30						0.43		
31								

Flow of DIVERSION # 41, AB Canal ( $ft^3s^{-1}/CFS$ )

DAY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
1	7.2	29.82						
2						0.93		
3				38.52	14.68			
4		32.64						
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15		29.82						
16								
17								
18								
19								
20								
21	18.86			43.95	0.846			
22				38.52				
23				25.76				
24	36							
25								
26								
27			15.81					
28								
29						0.55		
30								
31	26.422							

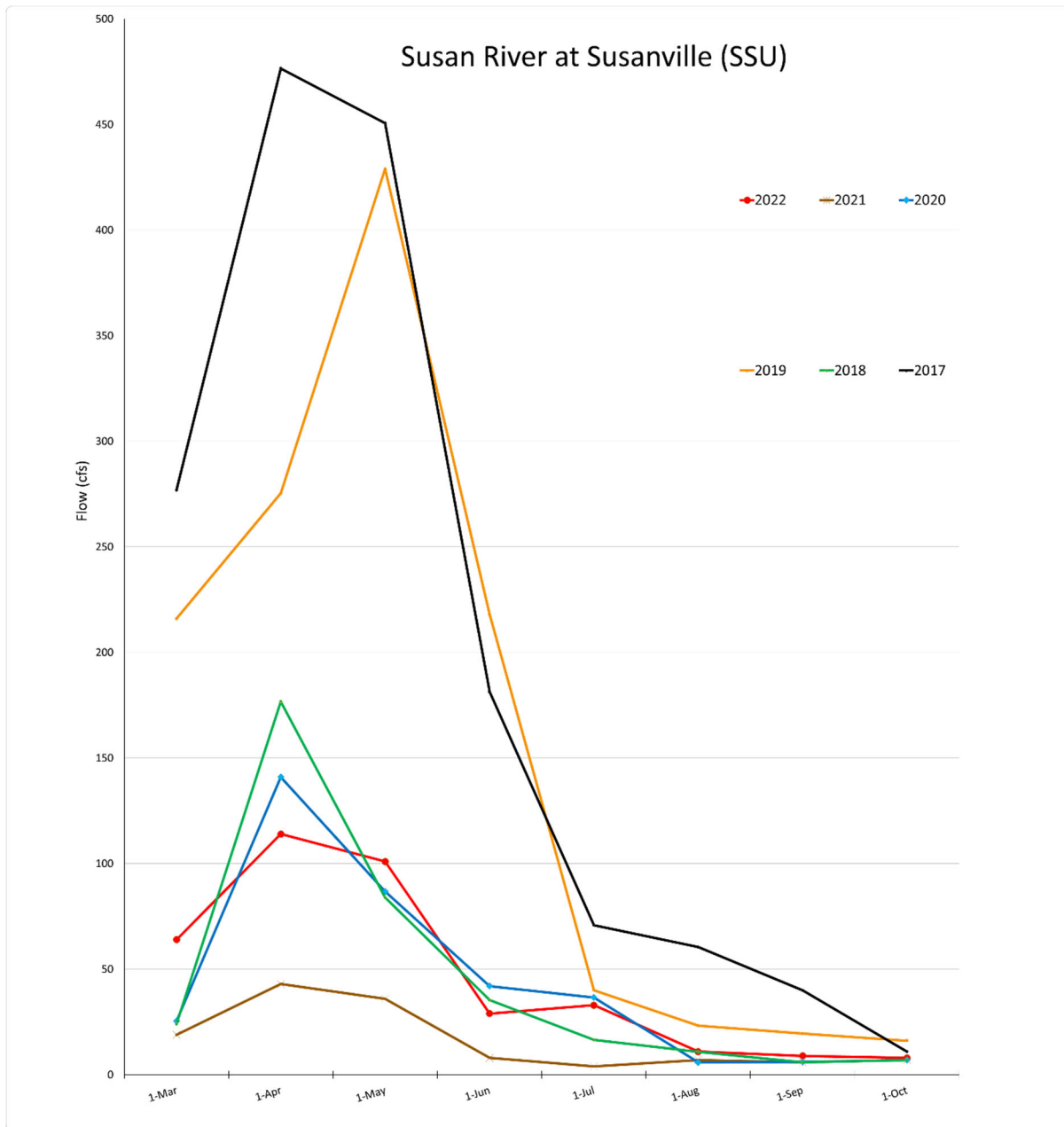
Note: The green box border marks LIC's utilization of Hog Flat Reservoir. The blue box border marks LIC's utilization of McCoy Flat Reservoir.

## Appendix D: Depth of the Meadow Channel Ditch on Willow Creek



**Note:** Recorder was placed at the land intersection of the California Department of Fish and Wildlife and the Hanson ranch. A measure of depth is not a reflection of the flow of the system. All depth measurements are relative to a starting measurement on 7/11/2022, a negative value represents a depth below that reference measurement.

## Appendix E: Susan River Flow Graph



**Note:** Data sourced from Department of Water Resources digital flow gauges, California Data Exchange Center (CDEC). Points represent average daily flows, connected by lines. Daily values were averaged from the gauge’s ‘Real Time’ 15-minute interval data. This is so that the plotted points show, solely, the natural flow of the Susan River.