

**RECLAMATION DISTRICT NO. 1614**

**AGENDA FOR REGULAR BOARD OF TRUSTEES MEETING  
2:00 P.M. DECEMBER 4, 2023**

**3121 WEST MARCH LANE, SUITE 100  
STOCKTON, CA 95219**

**AGENDA**

1. Call to Order/Roll Call.
2. **Public Comment.** The public may comment on any matter within the District's jurisdiction that is not on the agenda. Matters on the agenda may be commented on by the public when the matter is taken up. All comments are limited to 5 minutes for general public comment and per agenda item in accordance with Resolution 2014-06.
3. **Minutes.** Approval of Minutes of the November 6, 2023 meeting.
4. **District Finances.** Presentation of Financial Status Report. Discussion and possible action.
5. **District Engineer Report.** Presentation of Engineer's Report. Discussion and possible action:
  - I. TASK LIST FROM OCTOBER 2, 2023, BOARD OF TRUSTEES MEETING
    - A. Review Tasks resulting from the District's Board of Trustees Meeting held on Monday, October 2, 2023.
  - II. ROCK SLOPE PROTECTION PROJECT (2022-2023)
    - A. Construction costs through 9/1/2023 are \$460,218.72.
    - B. Five additional lots have been identified for RSP.
    - C. Clearing, grubbing, and preparation work completed at 1616 South Tuxedo Avenue on 11/29/2023 in the amount of \$32,369.00. Placement of RSP will commence today.
    - D. DWR has been notified that RD 1614 is seeking a \$300K amendment to its Subventions application for FY 2023-2024. The amendment request will be considered at the February CVFPB Board meeting.
    - E. RSP budget status.
  - III. WISCONSIN PUMP STATION NO. 7
    - A. It has been acknowledged that the recirculation system developed for pump testing did not properly replicate real-world conditions. During pump testing, it was observed that return water reentering the sump through the existing discharge pipes created significant turbulence. The turbulence likely led to much more extensive air entrainment in the new pumps than would be expected during an actual event. Therefore, a letter from the pump manufacturer has been requested from the contractor that certifies that the two new pumps will perform as specified and submitted during a real-world storm

*This agenda shall be made available upon request in alternative formats to persons with a disability, as required by the Americans with Disabilities Act of 1990 (42 U.S.C. § 12132) and the Ralph M. Brown Act (California Government Code §54954.2). Persons requesting a disability related modification or accommodation in order to participate in the meeting should contact Rhonda Olmo at 209/948-8200 during regular business hours, at least forty-eight hours prior to the time of the meeting.*

*Materials related to an item on this Agenda submitted to the Trustees after distribution of the agenda packet are available for public inspection in the office of the District Secretary at Neumiller & Beardslee, 3121 West March Lane, Suite 100, Stockton, California during normal business hours. The agenda is also available on the Reclamation District website at: <http://www.rd1614.com/>*

event and that includes a brief discussion of the impacts that the “artificial” air entrainment witnessed during the field tests likely had on pump performance.

B. Seek authorization to submit As-Builts to SJAFCA.

#### IV. STORM DRAIN AT HOOVER-TYLER LITTLE LEAGUE

A. CCTV footage Storm Drain at Hoover-Tyler Little League is being reviewed, and preliminary indications are that the RCP is in decent shape.

B. KSN is requesting the Board to authorize contracting with Dino & Son to repair two of the five manholes outside the ballfields to realign and raise the frame and lid.

C. KSN will reengage the Little League’s civil engineer and allow them to lower the frame and lid at the other three manholes located within the ballfields provided they allow KSN to survey the top of the manhole lids before they “backfill”.

6. **Superintendent’s Report.** Presentation of Superintendent’s Report; request for direction.

7. **Letter of Map Revision.** Discussion and possible action regarding Letter of Map Revision.

8. **Operation & Maintenance Manual.** Discussion and possible action regarding updated language in Operation & Maintenance Manual to include generators.

9. **District Newsletter/Postcard.** Discussion and direction.

10. **Report on Meetings Attended.**

11. **Trustee Reports.** Discussion and direction on Trustee Reports.

a. Update on potential consolidation of RD 1614 and RD 828.

b. Update on the Stockton Golf and Country Club pipeline repair in the Calaveras River levee.

12. **District Calendar.**

a. Next Meeting – January 1, 2024.

13. **Items for Future Meetings.** Items for future meetings.

14. **Correspondence.** Discussion and direction.

15. **Agency Reports.** Report on San Joaquin Area Flood Control Agency’s Smith Canal Gate Structure Project.

16. **District Bills.** Motion to Approve of Bills.

17. **Adjournment.**

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**AGENDA PACKET  
RECLAMATION DISTRICT 1614  
December 4, 2023**

<b><u>ITEM</u></b>	<b><u>COMMENTARY</u></b>
1.	Self-explanatory.
2.	Self-explanatory.
3.	Please see attached.
4.	Please see attached.
5.	Please see attached.
6.	Please see attached.
7.	Self-explanatory.
8.	Please see attached.
9.	Self-explanatory.
10.	Self-explanatory.
11.	Self-explanatory.
12.	Please see attached.
13.	Self-explanatory.
14.	Self-explanatory.
15.	Self-explanatory.
16.	Please see attached.

# ITEM 3



DRAFT MINUTES OF REGULAR MEETING OF BOARD OF TRUSTEES  
FOR RECLAMATION DISTRICT 1614  
HELD MONDAY, NOVEMBER 6, 2023

The November Regular Meeting of the Board of Trustees of Reclamation District 1614 was held on Monday, November 6, 2023, at the hour of 2:00 p.m.

Roll Call of Board Members and Staff:

President Kevin Kauffman, Trustee Chris Gaines, Trustee Dominick Gulli, Attorney Andy Pinasco, Engineer Chris Neudeck, Superintendent Abel Palacio, and District Secretary Rhonda Olmo

The following members of the public were present: Sarah Vigil (Port City Marketing), Chris Elias (SJAFCA)

Absent were: None.

**Item 1. Call to Order/Roll Call.** President Kauffman called the meeting to order at 2:00 p.m.

**Item 2. Public Comment.** The public may comment on any matter within the District’s jurisdiction that is not on the agenda. Matters on the agenda may be commented on by the public when the matter is taken up. All comments are limited to 5 minutes for general public comment and per agenda item in accordance with Resolution 2014-06.

No public comment.

**Item 3. Minutes.** Approval of Minutes of the October 2, 2023 meeting.

After review,

On a motion by Trustee Gaines, seconded by Trustee Gulli, the Trustee’s present voted unanimously to approve the October 2, 2023 Minutes by the following vote:

Ayes:	Gulli, Gaines, Kauffman
Noes:	None
Abstain:	None
Absent:	None

**Item 4. District Finances.** Presentation of Financial Status Report. Discussion and possible action.

Rhonda Olmo provided a written and oral report on the District’s revenues and expenditures. She reported that the District is at 33.3% for their Fiscal Year. The following additional items were brought to the Board’s attention:

- A warrant was presented for approval in the amount of \$25,000.00 to replenish the District’s checking account.
- No invoice was received from Legal Counsel this month. Next months report will reflect two payments.
- Reported on income received from the County.
- SJAFCA’s assessment payment was booked under R1 (General Maintenance) as there is no longer a Reserve budget item.
- Mrs. Olmo submitted all audit materials needed by Croce, Sanguinetti, and Vander Veen for the District’s upcoming audit.
- Mr. Neudeck was asked to investigate why KSN Inc exceeded the annual budget for Assessment Administration (G7a) by approximately \$2,500. The reason the amount

was exceeded was because KSN performed extra work this go around trying to determine correct addresses for the parcels within the District’s assessment based upon the prior rejected Newsletters. KSN had one of their younger engineers process the box of returned newsletters and correct names and addresses to improve their assessment role for the county collection and the cost for doing that work was \$4,140 thus the reason for exceeding our \$8,000 budget.

After review,

On a motion by Trustee Gaines, seconded by Trustee Gulli, the Trustee’s present voted unanimously to approve the Financial Report by the following vote.

Ayes: Gulli, Gaines, Kauffman  
 Noes: None  
 Abstain: None  
 Absent: None

**Item 5. District Engineer Report.** Presentation of Engineer’s Report. Discussion, and possible action:

**I. Task List from October 2, 2023 Board of Trustees Meeting**

- A. Review tasks resulting from the District’s Board of Trustees Meeting held on Monday, October 2, 2023.  
*Exhibit A: Task list from 10/02/23 Board of Trustees Meeting (included in Engineer’s Report).*

Mr. Neudeck reviewed Exhibit A with the Trustees. He provided an update to Trustee’s Gulli’s previous questions presented at the October 2, 2023 meeting. He asked that Trustee Gulli review his responses and to let him know if there are any further questions or if he missed anything. Trustee Gulli asked that Mr. Neudeck update his response on the cross sections.

**II. Rock Slope Protection Project (2022-2023)**

- A. Review status of the Rock Slope Protection and Beaver Damage repairs along Smith Canal.

Item	Description	Costs Thru 9/1/2023	Estimated Remaining Costs	Contract Amount
<b>Original Contract</b>		\$358,712.04	\$39,787.96	\$398,500.00
<b>Original Contract</b>		<b>\$398,500.00</b>	<b>\$0.00</b>	<b>\$398,500.00</b>
<b>Change Orders</b>		<b>\$61,718.72</b>	<b>\$0.00</b>	<b>\$61,718.72</b>
PCO 001	Clearing and Grubbing at 1960 & 1974 Canal Drive	\$37,855.00	\$0.00	\$37,855.00
PCO 002	Clearing and Grubbing at 1948 & 1990 Canal Drive	\$58,527.50	\$0.00	\$58,527.50
PCO 003	Repair Beaver Holes at 2286, 2324, and 2334 Canal Drive	\$29,449.15	\$0.00	\$29,449.15
PCO 004	Furnish #4 Ballast to 2876 Canal Drive	\$1,956.80	\$0.00	\$1,956.80

PCO 005	Fill in Hole behind Headwall with 3" Minus at 2364 Canal Drive	\$2,787.20	\$0.00	\$2,787.20
PCO 006	Reconciliation of Final Quantities	-\$68,856.93	\$0.00	-\$68,856.93
<b>Totals:</b>		<b>\$460,218.72</b>	<b>\$0.00</b>	<b>\$460,218.72</b>

Mr. Neudeck reviewed the above table with the Trustees. He stated the table includes actual costs to date, as of 9/1/23. All work as currently planned is completed.

**Rock Slope Protection Project Budget Status:**

Description	Amount
RSP constructed in June 2023	\$102,790
RSP constructed in July — September 2023	\$357,428
Subventions application FY 23-24 RSP budget	\$425,000
Remaining FY 23-24 RSP budget <b>before</b> additional lots	\$67,575
Estimated RSP at 5 additional lots	\$350,000
Remaining FY 23-24 RSP budget <b>after</b> additional lots	(\$282,425)
<b>Amendment request to Subventions application FY 23-24</b>	<b>\$300,000</b>

Mr. Neudeck reviewed the above table with the Trustees. He stated five additional lots have been identified for RSP. Work will commence pending approval of an amendment request for Subvention application FY 23-24.

After review,

On a motion by Trustee Gulli, seconded by Trustee Gaines, the Trustee’s present voted unanimously to authorize KSN staff to run through the five additional lots with Trustee Gulli and authorization was granted to issue a Change Order if needed by the following vote.

Ayes: Gulli, Gaines, Kauffman  
 Noes: None  
 Abstain: None  
 Absent: None

**III. Wisconsin Pump Station No. 7**

A. Review status of the pump tests.

Mr. Neudeck reported that the pump test reports have been received by Power Services and are being reviewed. The effects of cavitation in the pumps during testing resulting from the temporary recirculation system are being evaluated. He stated the interior drainage analysis of Wisconsin watershed is underway. After discussion, Trustee Gulli requested that KSN do the pump curve first then do the contract.

Trustee Gulli said the District is doing all of this work, not only on the pumps, but also the topographic survey, the cross sections – all that is required to get the final letter of map revision. The only difference between the District’s submittal and SJAFCA’s is they’re going to have an elevation level of 8.7 and the District is going to have 10. Trustee Gulli stated all SJAFCA submitted in the conditional letter of map

revision was the geotechnical and urban levee evaluation. The District submitted it again and was told they had to have one map that shows it all clearly so they're going to need plans/profiles, etc. Mr. Neudeck said if FEMA needs that when they come to that request the District can state what the costs were to prepare and if SJAFCAs consultant (PBI) needs that information the District can state they gathered the information but it costs this much to do it. Mr. Neudeck stated if SJAFCAs asks for this information that he will ask the Board for the authority to grant them the information and state the costs associated.

- B. Review status of videoing storm drainage collection system that extends from along Hoover Tyler Little League fields to Wisconsin Pump Station. Subtronic Co. has performed the CCTV of the storm drainpipe. CCTV footage is being reviewed, and preliminary indications are that the RCP is in decent shape.

Mr. Neudeck reported. He stated the CCTV footage is being reviewed, and preliminary indications are that the RCP is in decent shape. President Kauffman asked that some type of screen or device be placed over it for safety reasons. Superintendent Palacio will take a look and work with Holt Repair.

**Item 6. Superintendent's Report.** Presentation of Superintendent's Report; request for direction.

Superintendent Palacio reported on the following:

- Investigated the electric rate change outlined in the letter the District received from PG&E. The rated change was imposed by PG&E because of the higher electrical loads experienced during the heavy rain months of January-March of this year with the Wisconsin Pump Station. Mr. Palacio established a PG&E web account so that he can monitor the electrical usage of all of the District's 11 pump stations. In summary, the rates seem to be reasonable considering the prices of today's energy cost. (See Superintendent Report for charts/further clarification).
- Regarding the Wisconsin Pump Station: Mr. Palacio provided a chart that describes the current starting and stopping sequence of the station. (See Superintendent Report for charts/further clarification).
- Regarding Station 4 – Plymouth and Smith Canal Pump Station: Mr. Palacio reported on the solution of the difference in water levels. The solution was to install a secondary level control system to allow independent level monitoring and controlling of each wet well. The work has been completed and the initial testing has shown the system works well. (See Superintendent Report for before and after pictures).
- On October 23, 2023 Pump Stations #1, #3, #4, and #10 were cleaned of debris and silt.
- Mr. Palacio provided a levee inspection report that was performed on October 30, 2023 and updated the Trustees with his findings.
- During the month of November, Mr. Palacio plans on performing full function test of motors and pumps at all pump stations. He will also be reaching out to his suppliers of emergency pumping equipment and emergency generators to ensure the availability of equipment should the need arise during a major storm event(s).

**Item 7. Letter of Map Revision.** Discussion and possible action regarding Letter of Map Revision.

Trustee Gulli reported he is waiting for profiles.

**Item 8. Operation & Maintenance Manual.** Discussion and possible action regarding updating language in Operation & Maintenance Manual to include generators.

Trustee Gulli passed out his revisions (Amendment B) to the Operation & Maintenance Manual. He reviewed the following revisions/additions:

- Amendment B (11/6/23) added to the first page.
- Page 15: Updated list of Directory of Materials and Equipment Suppliers.
- Page 19: Added the required generator sizes for the pump stations.

Trustee Gulli stated he will add Moorman Water Systems to list of Suppliers. Trustee Gulli asked Mr. Neudeck to provide him with a better quality map of the Wisconsin Pump Station. President Kauffman asked that on page one that the words “initially prepared by KSN” be added.

After review,

On a motion by Trustee Gaines, seconded by Trustee Gulli, the Trustee’s present voted unanimously to approve Amendment B subject to the changes requested above and subject to one more review before submittal by the following vote.

Ayes: Gulli, Gaines, Kauffman  
Noes: None  
Abstain: None  
Absent: None

**Item 9. District Newsletter/Postcard.** Discussion and direction.

Sarah Vigil provided a draft postcard for the Trustee’s to review. Upon review the Trustees asked the following revisions to be made:

- Add time and place of future Board meetings.
- Use March Lane address before the PO Box address.
- Add the District’s telephone number.
- Use a picture of a current rock job as background.

Sarah Vigil will provide an updated draft to the Trustee’s by next Wednesday. The Trustee’s would like the postcard to be mailed out the last week of November. Discussion was held as to when the District would like the next newsletter to be sent. It was decided that the newsletter will be targeted for a March 2024 mailing.

After review,

On a motion by Trustee Gaines, seconded by Trustee Gulli, the Trustee’s present voted unanimously to authorize Port City Marketing to send an updated draft by next Wednesday for review by the Board/Attorney Pinasco and upon review and approval, authority is given to Port City Marketing to mail out the postcards the last week of November by the following vote.

Ayes: Gulli, Gaines, Kauffman  
Noes: None  
Abstain: None  
Absent: None

**Item 10. Report on Meetings.** Mr. Neudeck stated he attended the DWR Preseason Flood Coordination Meeting on October 11, 2023.

**Item 11. Trustee Reports.** Discussion and direction on Trustee Reports.

- a. Procedure to consolidate RD 1614 and RD 828.

Attorney Pinasco reported. He stated the process to consolidate RD 1614 and RD 828 would initially be having Resolutions prepared by both districts and sent to LAFCo. LAFCo would then Notice them and if they do not receive any protests back, they can order the consolidation and, in the process, there would be a few more things to do; i.e., determine legislative body, etc. In the event RD 828 does not want to consolidate then LAFCo would determine that RD 1614 has no willing participant. If RD 1614 then decides to press the issue, LAFCo will Notice it and if they receive a certain number of protests then it would go to an election. Discussion was held as to the advantages of a consolidation. Attorney Pinasco was directed to reach out to RD 828's President to see if they are interested in this proposal. If yes, then Attorney Pinasco can also speak with the City and County. If there is interest, Attorney Pinasco was directed to invite RD 828, the City, and County to a joint meeting.

**Item 12. District Calendar.**

- a. Next Meeting – December 4, 2023

**Item 13. Items for Future Meetings.** Items for Future Meetings.

No report.

**Item 14. Correspondence.** Discussion and direction. None.

**Item 15. Agency Reports.** Report on San Joaquin Area Flood Control Agency's Smith Canal Gate Structure Project.

Chris Elias reported on the following:

- Progress was made towards finishing up the work on the Smith Canal Gate.
- The wall that ties onto Dad's Point has some loose ends – currently addressing.
- The Gate is in place. There is some close out civil work to be done on the golf course side as well as Dad's Point. Mr. Elias feels the work on the golf course side will be completed during the week of Thanksgiving.

Discussion was held regarding the District's concern of not driving the sheet piles all the way down.

**Item 16. District Bills.** Motion to Approve of Bills.

After review,

On a motion by Trustee Gaines, seconded by Trustee Gulli, the Trustee's present voted unanimously to approve the October bills by the following vote.

Ayes: Gulli, Gaines, Kauffman  
Noes: None  
Abstain: None  
Absent: None

**Item 16. Adjournment.** The meeting concluded at 3:52 p.m.

Secretary: The agenda for this meeting was posted at 3121 West March Lane, Suite 100, Stockton, California at least 72 hours preceding the meeting.

Respectfully submitted,

Rhonda L. Olmo  
District Secretary

Reclamation District 1614  
October 2023 Bills

NAME	INVOICE #	AMOUNT	TOTAL \$	WARRANT #	CHECK #	SUBVENTION FUND
Kevin Kauffman		\$100.00		6263		
			<b>\$100.00</b>			
Christian Gaines		\$50.00		6264		
			<b>\$50.00</b>			
Dominick Gulli		\$50.00		6265		
			<b>\$50.00</b>			
Rhonda Olmo		\$1,566.95		6266		
			<b>\$1,566.95</b>			
Kjeldsen, Sinnock & Neudeck, Inc.	36367	\$2,460.77		6267		
	36368	\$941.66				
	36369	\$627.50				
	36370	\$5,572.50				
	36371	\$113.75				
			<b>\$9,716.18</b>			
San Joaquin Area Flood Control Agency Assessment invoice for FY 2023/2024 - Installment 1	2023-10067 R1	\$20.17		6268		
			<b>\$20.17</b>			
BPM	101011	\$247.44		6269		
			<b>\$247.44</b>			
Delk Pest Control	205945	\$220.00		6270		
			<b>\$220.00</b>			
Holt Repair & Mfg Incorporated	13285	\$3,350.00		6271		
			<b>\$3,350.00</b>			
Reclamation District 1614 - Replenish District's Checking Account		\$25,000.00		6272		



Reclamation District 1614  
October 2023 Bills

			<b>\$25,000.00</b>		
Abel Palacio - October Payroll		\$2,409.00			Direct Deposit
			<b>\$2,409.00</b>		
State of California Payroll Taxes - October		\$86.40			online
			<b>\$86.40</b>		
Federal Government Payroll Taxes - October		\$726.35			online
			<b>\$726.35</b>		
ADP - Period Ending 9/30/23	643452885	\$125.95			online
			<b>\$125.95</b>		
T-Mobile		\$111.80			online
			<b>\$111.80</b>		
Comcast		\$133.39			online
			<b>\$133.39</b>		
Visa - August - September invoice		\$225.74			online
Visa - September - October invoice		\$3,648.70			
			<b>\$3,874.44</b>		
PG&E		\$856.82			online
			<b>\$856.82</b>		

<b>WARRANT TOTAL:</b>	<b>\$40,320.74</b>
<b>CHECKING TOTAL:</b>	<b>\$8,324.15</b>
<b>TOTAL BILLS PAID</b>	<b>\$48,644.89</b>

# ITEM 4

**RECLAMATION DISTRICT 1614**  
**FINANCIAL REPORT MEETING DECEMBER 2023 MEETING**  
**% OF FISCAL YEAR ELAPSED THROUGH END OF NOVEMBER - 41.66%**

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
<b>GENERAL FUND</b>				
<b>Administrative</b>				
G1 Annual Audit	\$ 8,000.00	\$0.00	\$0.00	0.00%
G2 Public Communication & Noticing	7,500.00	\$0.00	3,504.16	46.72%
G3 Election Expense	0.00	\$0.00	0.00	0.00%
G4 Superintendent	55,000.00	\$3,458.79	14,119.51	25.67%
G4a Secretary	16,000.00	\$1,596.51	7,642.57	47.77%
G5 Workers' Compensation	3,000.00	\$0.00	669.50	22.32%
G6 Trustee Fees	4,000.00	\$200.00	900.00	22.50%
G7 County Assessment Administration	8,000.00	\$0.00	0.00	0.00%
G7A General Assessment Administration (Engineers)	8,000.00	\$0.00	10,488.74	131.11%
G8 Office Supplies	1,000.00	\$0.00	1,228.36	122.84%
G9 Communication (phones, radios, etc.)	3,000.00	\$245.21	1,223.84	40.79%
G12 Education/Memberships	3,000.00	\$0.00	768.00	25.60%
G13 Non Management Staff	0.00	\$0.00	0.00	0.00%
G13A LOMR	0.00	<u>\$0.00</u>	<u>0.00</u>	<u>0.00%</u>
<b>TOTAL</b>	<b><u>\$116,500.00</u></b>	<b><u>\$5,500.51</u></b>	<b><u>\$40,544.68</u></b>	<b><u>34.80%</u></b>
<b>Consultants</b>				
G14 General Engineering	\$ 30,000.00	\$0.00	\$23,233.95	77.45%
G15 General Legal	30,000.00	<u>\$3,045.18</u>	<u>8,635.33</u>	<u>28.78%</u>
<b>TOTAL</b>	<b><u>\$ 60,000.00</u></b>	<b><u>\$3,045.18</u></b>	<b><u>\$31,869.28</u></b>	<b><u>53.12%</u></b>
<b>Property &amp; Equipment</b>				
G16 Operation & Maintenance	\$ 3,000.00	\$0.00	\$0.00	0.00%
G16A District Vehicle Expenses	3,500.00	\$0.00	1,323.29	37.81%
G17 Acquisitions	0.00	\$0.00	0.00	0.00%
G18 Flood Fight Supplies	0.00	<u>\$0.00</u>	<u>0.00</u>	<u>0.00%</u>
<b>TOTAL</b>	<b><u>\$ 6,500.00</u></b>	<b><u>\$0.00</u></b>	<b><u>\$1,323.29</u></b>	<b><u>20.36%</u></b>
<b>Other</b>				
G19 Insurance	\$ 19,500.00	<u>\$0.00</u>	\$17,928.76	<u>91.94%</u>
<b>TOTAL</b>	<b><u>\$ 19,500.00</u></b>	<b><u>\$0.00</u></b>	<b><u>\$17,928.76</u></b>	<b><u>91.94%</u></b>
<b>TOTAL GENERAL FUND</b>	<b><u>\$ 202,500.00</u></b>	<b><u>\$ 8,545.69</u></b>	<b><u>\$ 91,666.01</u></b>	
<b>RECURRING EXPENSES</b>				
<b>Levee</b>				
R1 General Maintenance	\$ 15,000.00	\$0.00	3,888.40	25.92%
R1A Engineering - General	25,000.00	\$0.00	7,756.42	31.03%
R1C Riprap and Levee Repair	350,000.00	\$30,750.55	505,251.52	144.36%
R1D DWR 5 Year Plan	0.00	\$0.00	0.00	0.00%
R1E Storm Emergency	0.00	<u>\$0.00</u>	<u>0.00</u>	<u>0.00%</u>
<b>TOTAL</b>	<b><u>\$ 390,000.00</u></b>	<b><u>\$30,750.55</u></b>	<b><u>\$516,896.34</u></b>	<b><u>132.54%</u></b>
<b>Drainage</b>				
R2 Electricity	\$ 35,000.00	\$1,127.86	\$5,315.26	15.19%
R3 Sump Clearing	30,000.00	\$0.00	3,725.00	12.42%
R4 Plant O&M	75,000.00	\$9,075.00	20,843.73	27.79%
R4A Pest Control	3,000.00	\$220.00	1,100.00	36.67%
R5 Wisconsin Pump Station Design	0.00	\$0.00	\$0.00	0.00%
R6 Wisconsin Pump Station Construction	0.00	<u>\$0.00</u>	<u>1,726.25</u>	<u>0.00%</u>
<b>TOTAL</b>	<b><u>\$ 143,000.00</u></b>	<b><u>\$10,422.86</u></b>	<b><u>\$32,710.24</u></b>	<b><u>22.87%</u></b>
<b>TOTAL RECURRING EXPENSES</b>	<b><u>\$ 533,000.00</u></b>	<b><u>\$ 41,173.41</u></b>	<b><u>\$ 549,606.58</u></b>	
<b>TOTAL EXPENSE BUDGET</b>	<b><u>\$ 735,500.00</u></b>	<b><u>\$ 49,719.10</u></b>	<b><u>\$ 641,272.59</u></b>	

**INCOME**

**Anticipated**

Assessment - Existing	\$ 346,725.80	\$0.00	\$251,612.90	72.57%
Assessment - Wisconsin	97,090.00	\$0.00	\$0.00	0.00%
Interest	20,000.00	\$22,181.00	\$42,824.00	214.12%
Property Tax	171,664.00	\$0.00	\$2,438.57	1.42%
Subvention Reimbursement	125,000.00	\$0.00	\$0.00	0.00%
2019-2020 DWR 5-Year Plan	0.00	\$0.00	\$0.00	0.00%
Delta Grant II - Flood Fight Supplies	0.00	\$0.00	\$0.00	0.00%
<b>TOTAL</b>	<b>\$ 760,479.80</b>	<b>\$22,181.00</b>	<b>\$296,875.47</b>	<b>39.04%</b>
<b>TOTAL NET INCOME (LOSS)</b>	<b>\$ 24,979.80</b>			

O&M Fund Balance (as of 11/30/2023)	<b>1,984,528.20</b>
Wisconsin Fund Balance (as of 11/30/2023)	<b>88,715.70</b>
Proposed Expenses	<b>49,719.10</b>
<b>TOTAL CASH</b>	<b>\$ 2,023,524.80</b>

Checking Account Balance (as of 11/30/2023)	<b>33,084.44</b>
<b>TOTAL CASH ON HAND</b>	<b>\$ 2,056,609.24</b>

Wisconsin Pump Station Costs: \$871,811.87  
See attached for details.

TRANSFER NUMBER	TRANSFER DATE	TRANSFER AMOUNT	INTEREST TO DATE	TOTAL AMOUNT DUE WITH INTEREST
1	1/5/2022	\$492,918.87	\$ 1,267.25	\$494,186.12
2	1/5/2022	\$231,315.14	\$ 594.69	\$231,909.83
3	2/3/2022	\$66,386.00	\$ 143.77	\$66,529.77
4	5/3/2022	\$7,058.20	\$ 4.21	\$7,062.41
5	6/7/2022	\$47,436.70	\$ 13.30	\$47,450.00
7	10/4/2022	\$22,670.51	\$ 20.22	\$22,690.73
8		\$1,983.01		
Subtotals		\$869,768.43	\$ 2,043.44	<b>\$869,828.86</b>

# ITEM 5

Kevin Kauffman, President  
 Christian Gaines, Trustee  
 Dominick Gulli, Trustee

**RECLAMATION DISTRICT NO. 1614  
 SMITH TRACT**

Andrew J. Pinasco, Counsel  
 Rhonda L. Olmo, Secretary  
 Christopher H. Neudeck, Engineer  
 Abel Palacio, Superintendent

**BOARD OF TRUSTEES MEETING  
 MONDAY, DECEMBER 4, 2023  
 2:00 PM  
 ENGINEER’S REPORT**

**I. TASK LIST FROM OCTOBER 2, 2023, BOARD OF TRUSTEES MEETING**

- A. Review Tasks resulting from the District’s Board of Trustees Meeting held on Monday October 2, 2023.

*EXHIBIT A: Task List from 10/02/23 Board of Trustees Meeting.*

**II. ROCK SLOPE PROTECTION PROJECT (2022-2023)**

- A. Construction costs through 9/1/2023 are \$460,218.72.
- B. Five additional lots have been identified for RSP.
- C. Clearing, grubbing, and preparation work completed at 1616 South Tuxedo Avenue on 11/29/2023 in the amount of \$32,369.00 (see photos). Placement of RSP will commence today.
- D. DWR has been notified that RD 1614 is seeking a \$300k amendment to its Subventions application for FY 2023-2024. The amendment request will be considered at the February CVFPB Board meeting.
- E. RSP budget status is as follows:

*EXHIBIT A: Photos from KSN Inc. Daily Field Reports.*

	<b>Amount</b>
RSP constructed in June 2023	\$102,790
RSP constructed in July – September 2023	\$357,428
Subventions application FY 23-24 RSP budget	\$425,000
<b>Remaining</b> FY 23-24 RSP budget <b>before</b> additional lots	\$67,575
Estimated RSP at 1616 South Tuxedo Avenue	\$90,000
Estimated RSP at 1954 Canal Drive	\$65,000
Estimated RSP at 2038 Canal Drive	\$65,000
Estimated RSP at 2060 Canal Drive	\$65,000
Estimated RSP at 2072 Canal Drive	\$65,000
<b>Remaining</b> FY 23-24 RSP budget <b>after</b> additional lots	<b>(\$282,425)</b>
<b>Amendment request to Subventions application FY 23-24</b>	<b>\$300,000</b>

### **III. WISCONSIN PUMP STATION NO. 7**

- A. It has been acknowledged that the recirculation system developed for pump testing did not properly replicate real-world conditions. During pump testing, it was observed that return water reentering the sump through the existing discharge pipes created significant turbulence. The turbulence likely led to much more extensive air entrainment in the new pumps than would be expected during an actual event. Therefore, a letter from the pump manufacturer has been requested from the contractor that certifies that the two new pumps will perform as specified and submitted during a real-world storm event and that includes a brief discussion of the impacts that the “artificial” air entrainment witnessed during the field tests likely had on pump performance.
  
- B. Seek authorization to submit As-Builts to SJAFCA.

### **IV. Storm Drain at Hoover-Tyler Little League**

- A. CCTV footage Storm Drain at Hoover-Tyler Little League is being reviewed, and preliminary indications are that the RCP is in decent shape.
- B. KSN is requesting the Board to authorize contracting with Dino & Son to repair two of the five manholes outside the ballfields to realign and raise the frame and lid (see photos).

***EXHIBIT B: Photos from KSN Inc. Daily Field Reports.***

- C. KSN will reengage the Little League’s civil engineer and allow them to lower the frame and lid at the other three manholes located within the ballfields provided they allow KSN to survey the top of the manhole lids before they “backfill”.



# Exhibit A

---

is a Federal Project levee that is maintained by the San Joaquin County Flood Control and Water Conservation District, not RD 1614.



*Figure 1 - Existing House and Backyard Looking West (Day 1 before prep work on 11/20/2023)*



*Figure 2 - House and Backyard Looking East (Day 2 of prep work on 11/21/2023)*





Figure 3 - Levee Slope Looking East (post-prep on 11/29/2023)

# Exhibit B

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*Figure 4 - Manhole 1 at HTLL*





*Figure 5 - Manhole 1 at HTLL*

# ITEM 6



**RD 1614 Superintendent's Report**  
**November 2023**

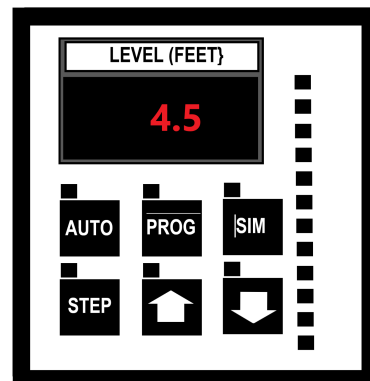
11//28//2023

November's moderate weather has proven beneficial to make progress on pump station modifications mentioned in previous reports. As mentioned it has been my goal to replace all pneumatic bubbler system controls at the pump station with a submersible transmitter.

**Background :** The reason to replace the pneumatic bubbler system is that it required the use of an air compressor and pneumatic control valves, regulators, flow meters etc. The air compressor in particular represents a single point of failure because it has to supply instrument air continuously to the system. The constant cycling of the air compressor causes the compressor to fail after some time . The submersible transmitter is an electronic, sealed, level transmitter that works with the existing level control system at the pump stations without a separate air supply. During the month of November the last two pump stations were converted to the newer submersible transmitters for level monitoring and control . (Moreing Pump Station # 6 and Riverwalk Pump Station #11) .

Hermetically sealed submersible transmitter

Works with existing level controller without a separate air supply system



As Mentioned, the level control system at RiverWalk pump station was replaced with a digital level control system. The advantages of this is that it is similar to the controls system at the other pump station in the Districts area of responsibility. Additionally, the control system monitors and controls the pump directly and provides a continuous water level signal to the RTU for remote monitoring. This system replaced the old float controls system which is problematic due to floats getting tangled in the turbulence of the incoming storm water. The new system also uses a submersible transmitter for water level sensing and is a standard transmitter used at all of the other pump stations. To ensure the transmitter remains in a fixed location and to provide a constant water level sampling a “stilling well” was installed to house the transmitter. The still well is basically just a 1 1/2 “ PVC pipe that extends down to a fixed location at the bottom of the sump.

**Soft Start** : A soft start motor starter was also replaced at RiverWalk pump station. As previously mentioned, this replaced an older soft starter that has been experiencing intermittent failure . It was suggested and approved to replace this unit.

The original drawings for the station have been located. I have been documenting these new modifications for future reference. The updating of the documentation consists of the controls system diagrams and equipment operations and maintenance manuals.

*Photo of RiverWalk Pump Station #11 control panel.*

*Upper left side is new soft starter interface control pad – Right: new Digi-Gage+ level controller*



Initial tests of these modifications have been positive – Full function tests have been done and the system works well. These modifications should increase the reliability of the system for years to come. It will also provide real time monitoring and notification of wet well level and pump status.

This concludes my report.

Respectfully:

Abel Palacio – Reclamation District 1614 Superintendent:

# ITEM 8

Reclamation District No. 1614

Smith Tract

Operations and Maintenance Manual  
and  
Flood Emergency Operations Manual  
for  
Levees and Terminal Drainage Facilities

Originally Prepared by:

Kjeldsen, Sinnock & Neudeck, Inc.  
711 N. Pershing Avenue  
Stockton, CA 95203

July 24, 2017

Revised by Board of Trustees

Amendment A (7/11/22)

Amendment B (11/6/23)

## Preface

Reclamation District No. 1614 (District) was organized under provisions of the California Water Code for the purpose of providing a means of flood control to the land encompassed by the District. Its main function is to adequately maintain the system of levees and drainage pumps which are the major components of the Flood Control System (FCS). A District Base Map and the Service Area and Drainage Sheds Map is included in Appendix A. This manual has been prepared as an information guide to aid and assist the District, especially in the case of a flood emergency situation.

The District has officially adopted the Superintendent's Guide to Operation & Maintenance of California's Flood Control Projects, published by the State of California, Department of Water Resources (DWR), Division of Flood Management, (see Appendix E) to supplement District maintenance information. This manual has been prepared by DWR to assist reclamation districts in maintaining an adequate level of flood protection. It is specifically intended for use by the District Superintendent, or District Manager, who has primary responsibility for the operation and maintenance of the FCS. The duties and responsibilities of the Superintendent are defined for routine operations and maintenance of the FCS and in the event of a flood emergency.

This Manual includes information to guide and aid the District in the case of a flood emergency situation. It provides emergency triggers with telephone numbers, levee patrol procedures, instructions for possible hazardous levee conditions, District base map, District emergency supplies, and a list of government agencies along with their function. The District uses Standardized Emergency Management System (SEMS) in responding to emergency situation involving multiple jurisdictions or multiple agencies. To supplement flood emergency information, the District has also adopted the Reclamation District 1614, Smith Tract, Emergency Operations Plan (EOP) and Flood Contingency Map (FCM) (see Appendix D). The purpose of this EOP is to ensure the effective performance of Reclamation District 1614 responsibilities in a flood emergency in collaboration with other jurisdictions performing emergency functions within and around the District. This plan is to be used in conjunction with the emergency operations plans of the State of California and the San Joaquin Operational Area (SJOA) to facilitate multi-jurisdictional coordination within District boundaries.

The District also protected by other Flood Control Systems.

- 1). The Calaveras River Levee system along the south bank of the Calaveras River is a project levee that is part of the State plan of Flood control. This levee provides protection to the entire District. It is operated and maintained by the San Joaquin Flood and Water Conservation District.
- 2) The levee along Smith Canal East of Pershing Avenue also provides flood protection. It is also operated and maintained by the San Joaquin Flood and Water Conservation District.
- 3) The proposed Smith Canal Closure Device (SCCD) at the Atherton Cove provides a second level of resiliency for the Smith Canal Levees and can lower the flood stage in the canal during 100 year stage events or an imminent or existing levee breach. The SCCD is operated and maintained by the San Joaquin Area Flood Control Agency.

4) The storm water flood conveyance system which includes the streets, gutters, catch basins, culverts and pipes and retention systems is operated and maintained by the City of Stockton, County of San Joaquin and the State Department of Transportation. This conveyance system controls the time of concentration to the terminal drainage facilities of the District.

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### **9. Pump Station Operations and Maintenance**

## Appendices

A – District Base Map and RD 1614 Service Area and Drainage Sheds

D – Reclamation District 1614, Smith Tract, Emergency Operations Plan and Flood Contingency Map

E – Superintendent’s Guide to Operation and Maintenance of California’s Flood Control Projects

F – Emergency Flood Fighting Methods



# 1. Project Description

Reclamation District No. 1614 – Smith Tract (District) is located in San Joaquin County within incorporated and unincorporated portions of the City of Stockton. The District encompasses nearly 1,600 acres and is bounded by the Calaveras River to the north, Pershing Avenue to the east, Smith Canal and Atherton Cove to the south, and the San Joaquin River and Riviera Cliffs Subdivision to the west. It is responsible for maintaining the levee system along Smith Canal, Atherton Cove, and the San Joaquin River as indicated below in Figure 1.

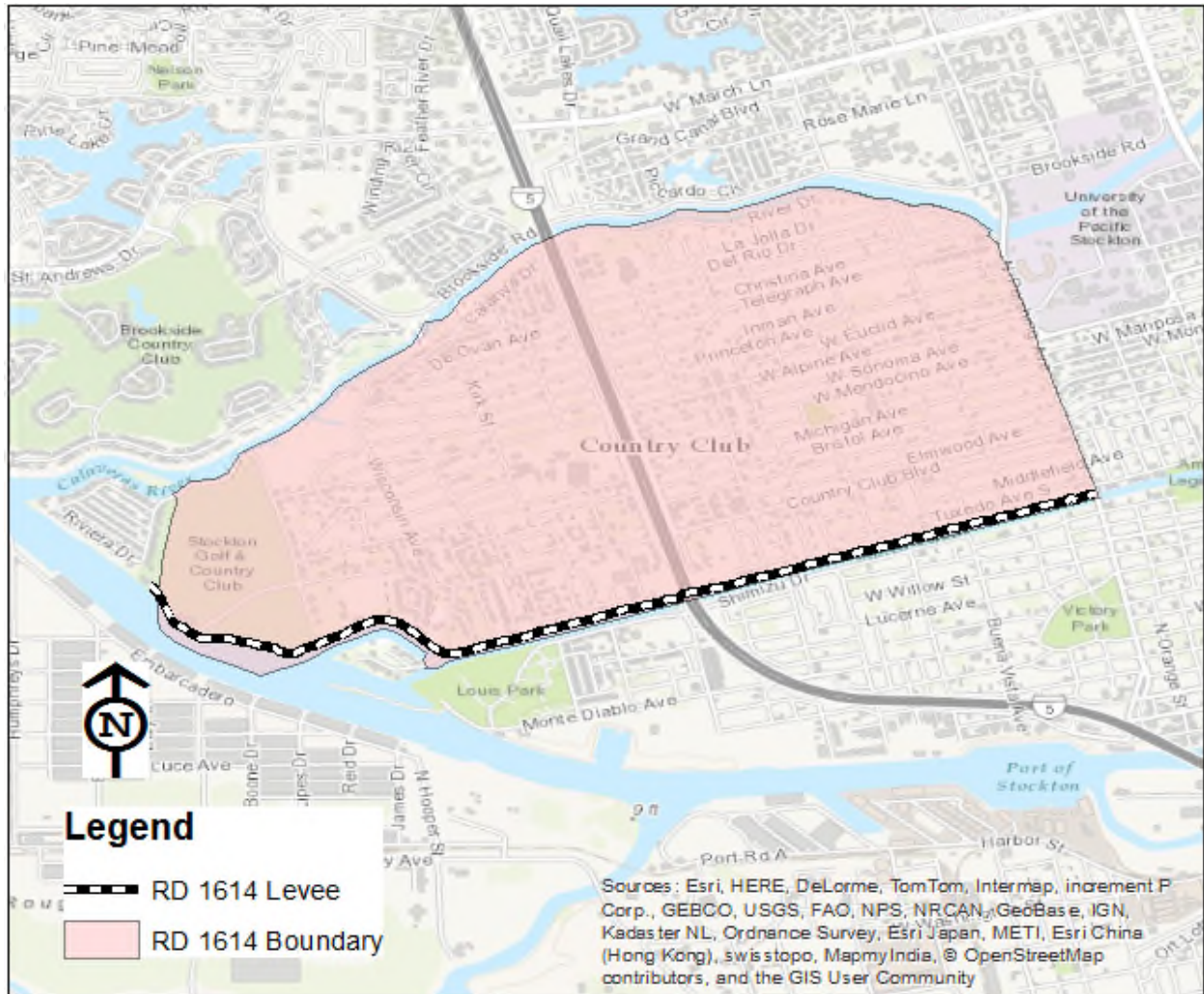


Figure 1 - RD 1614 Boundary and Levee



## 2. Routine Inspections and Levee Patrols

### Annual Inspections

Thorough inspections shall be made prior to the beginning of the flood season and otherwise at intervals not exceeding one year. Each inspection of the urban portion of levee along Smith Canal shall consist of a “boat” team inspecting the entire length of levee that is otherwise accessible by boat.

### Routine Monthly Patrols

The District provides routine patrols as may be required to ensure serviceability of the District levees in time of flood. Measures are taken to promote the growth of native grasses, exterminate burrowing animals, and provide for vegetation control of the grass and weeds, removal of wild growth and repair of damage caused by erosion or other forces. Patrols shall be performed by the District from the water by boat to ensure that the above maintenance measures are being carried out and further, to evaluate if any of the following is occurring:

- Evaluate unusual settlement, sloughing, or if material loss of grade or levee cross section has taken place;
- Evaluate if slumping has occurred on either the landside or waterside of the levee which might affect the stability of the levee section;
- During flood stages, evaluate if seepage, saturated areas, or sand boils are occurring;
- Evaluate if embankment or riprap has been displaced, washed out, or removed;
- Evaluate that access roads to and on the levee are being properly maintained;
- Evaluate if crown of levee is maintained so as to drain readily and stay well shaped and maintained;
- Evaluate as to whether new encroachments are being made on the levee right-of-way, which might endanger the structure or hinder its proper and efficient functioning during times of emergency.

Additional land-based inspections shall be performed on an as-needed basis, especially during high water events. Special considerations need to be taken into account when performing routine levee patrols along Smith Canal. Because of the residential development adjacent to the levee, there exist many types of encroachments along the levee such as landscaping, decks, docks, patios, etc. As a result, it is much more difficult to visually inspect the condition of the levee within urban areas. Although these encroachments don't allow for a District representative to drive and regularly inspect this portion of levee firsthand, the fact that this portion of levee is within the backyard of a residence translates to frequent observations by homeowners. Homeowners will tend to notice certain loss of soil matters in their backyards such as settlement, sloughing, or slumping and should immediately communicate these concerns with the District's Superintendent, Engineer, and/or counsel. Furthermore, homeowners are informed by means of a District newsletter that addresses levee issues and provides updated contact information.

Immediate steps will be taken to correct dangerous conditions disclosed by such patrols. Regular maintenance and repair measures shall be accomplished during the appropriate season.

The Superintendent's Guide to Operation & Maintenance of California's Flood Control Projects has been included for additional reference in Appendix E.



### 3. Levee Maintenance

This section identifies many of the activities that are necessary to maintain flood control works.

#### Levee Vegetation Management

Planted vegetation on or near levee slopes can significantly enhance the effectiveness and appearance of a levee. When properly managed, vegetation deters surface erosion from rain and runoff.

Levee slopes must allow visibility for regular maintenance inspections and, when necessary, for high water patrolling. Also, landside toes are often used as access points for maintenance. To the extent practicable, trees shall be trimmed five feet above ground level and thinned. Brush and weeds shall be trimmed, thinned, or removed for visibility and access, and groundcovers shall be no more than one foot in height. Levee slopes shall be kept free of large bunched, woody, or clumped vegetation that would interfere with flood fighting or emergency repairs. Agricultural pruning and other debris are special targets for removal because they attract burrowing rodents.

#### Levee Mowing and Spraying

Portions of the District's levees are covered by sod or some form of turf. These areas are generally mowed by the individual landowners.

#### Levee Slopes and Right-Of-Ways

Generally, levee slopes shall be free from encroachments or vegetative growth that could interfere with or prevent inspection or hamper flood fighting activities. Although this is currently not always the case along Smith Canal, it should be the ultimate goal. Quarry stone rock slope protection must be kept in good condition, and erosion shall not be occurring.

#### Gates and Signs

Gates and miscellaneous signs are installed to prohibit or discourage unauthorized personnel and vehicle traffic from using the flood control project facilities.

#### Rodent Control

The presence of ground squirrels and/or other burrowing rodents on a levee crown, slope or toe always warrants control measures. Because of their high reproductive potential and extensive burrow systems, these animals present a hazard to levees. When material is removed as a result of burrowing, the structural integrity of levees is threatened. Their burrowing loosens the soil, increasing the risk of erosion and sloughing. Also, a burrow can act like a pipe to carry floodwater into and through levee sections. The use of certain "restricted use" materials to control rodents and vegetation on levee slopes requires a permit from the County Agricultural Commissioner in San Joaquin County.

## 4. Warning System, Emergency Procedures, and Evacuation

### Flood Warning System

The District will monitor and analyze water conditions, elevations, and forecasts for waterways affecting District levees throughout flood season for the purpose of promptly identifying heightened threats to the integrity of District levee systems. The objective of this monitoring effort is to identify conditions that warrant additional actions beyond routine flood season preparedness activities.

The District will use the Venice Island gauge to monitor tidal conditions and use visual reference as information sources in its monitoring effort. The Mossdale gauge (San Joaquin River) and Benson’s Ferry (Mokelumne River) gauges will be used as secondary monitoring sources.

### Emergency Procedures

The following actions will be taken when the trigger condition is identified by District personnel. These actions may be taken by District personnel at any time or tidal condition if it is felt that conditions affecting the levees and drainage system warrant such action. A list of triggers and actions is included below in Table 1.

*Table 1 - Trigger Conditions*

Action	Trigger
Alert the District Board of Trustees and personnel; Issue Delegation of Authority letter appointing District Incident Commander	Official prediction that 8.0’ (NAVD 88) tide will be reached at Venice Island Gauge
Activate/hire District personnel and initiate periodic focused levee patrols	El. 8.0’ (NAVD 88) tide at Venice Island Gauge
Initiate 24-hour continuous levee patrols	El. 9.0’ (NAVD 88) tide at Venice Island Gauge
Contact City of Stockton OES/Fire, San Joaquin County Sheriff, and San Joaquin OES	Potential threat to levee integrity or if District begins patrol
Contact the State-Federal Flood Operations Center	Identified problem on levee

The District does not use “phases” where objective conditions trigger a group of actions. Each action indicated will be taken upon reaching the trigger condition shown or if District personnel feel it is warranted. As noted below, the District Engineer and District personnel are responsible for monitoring objective conditions affecting the District.

District personnel will take all of the above actions upon the identification, or verified report, of any out of the ordinary condition on a District levee that presents a potential risk of failure.

To supplement flood emergency information, the District has adopted the Reclamation District 1614, Smith Tract, Emergency Operations Plan (EOP) and Flood Contingency Map (FCM) as included in Appendix D.

A list of Emergency Contacts is shown below in Table 2.



Upon being notified, residents should move rapidly to the main roads designated as the most trafficable under adverse weather conditions. The primary evacuation routes are along Interstate 5 as shown below in Figure 3. This evacuation plan can also be found at <http://www.sjmap.org/evacmaps/>.

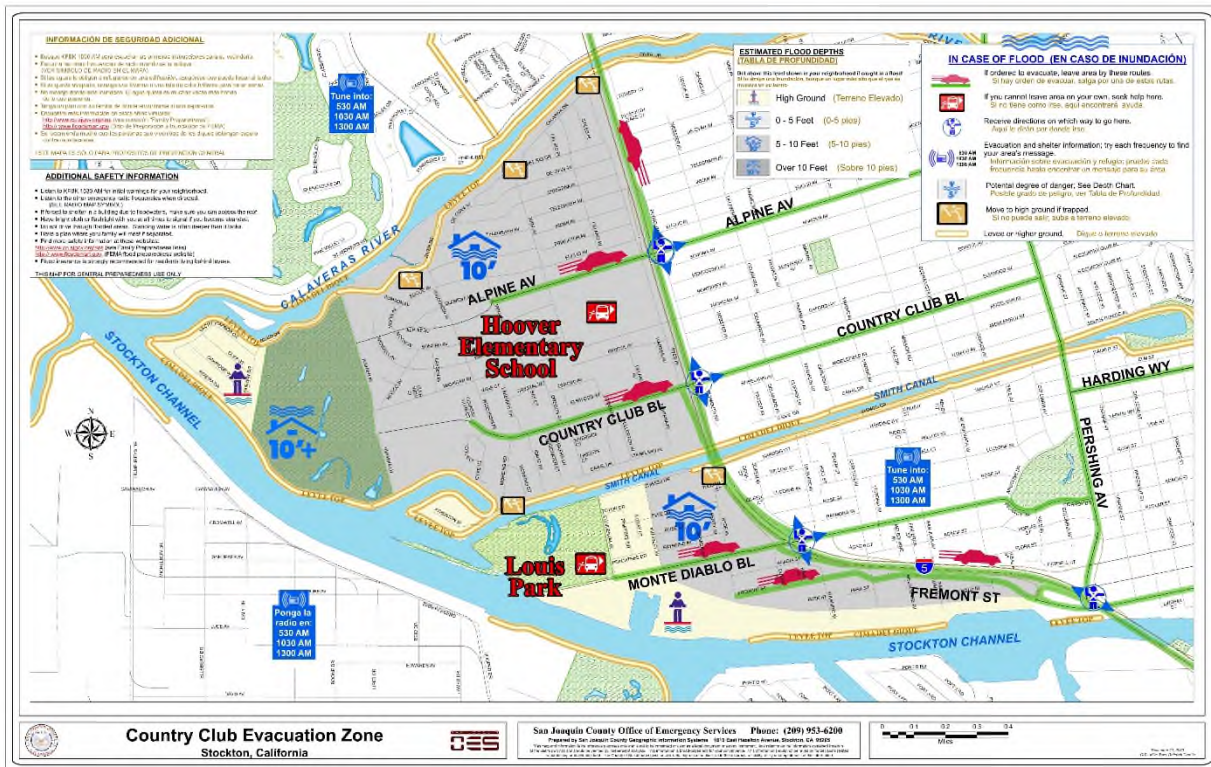


Figure 2 - Evacuation Plan (<http://www.sjmap.org/evacmaps/>)

## 5. Assistance from Government Agencies

### Local Agencies

#### SAN JOAQUIN COUNTY OFFICE OF EMERGENCY SERVICES

The San Joaquin County Office of Emergency Services (County OES) is responsible for coordinating County operations during a flood crisis. It maintains control of County flood-fight materials and supervises emergency purchases. It is also responsible for coordinating with State and Federal agencies operating in the County, or providing mutual aid.

209-953-6200

#### SHERIFF'S DEPARTMENT

The Sheriff's Department is responsible for public safety in unincorporated areas of the delta. This department will implement evacuations, assist in rescue activities and will provide general security for impacted areas.

209-468-4400

#### FIRE DEPARTMENT

The Fire Department will assist in rescue operations and will assist in the protection of property.

209-937-8801

#### AMERICAN RED CROSS

The American Red Cross provides assistance for food, clothing, shelter and supplemental medical needs to disaster victims. Assistance is in the form of an outright gift and repayment is not required nor requested. The Red Cross provides emergency mass care to congregate groups, and also provides individual/family assistance. Upon the request of government, and resources permitting, the Red Cross may assist with warnings, rescue or evacuations.

800-733-2767

#### SALVATION ARMY

During an emergency, the Salvation Army may be called upon to provide food, clothing, furniture and housing, emergency communication, mobile canteen services, and spiritual ministry for disaster victims.

209-948-8959

### State Agencies

#### DEPARTMENT OF WATER RESOURCES

The Department of Water Resources provides:

- Funding for rehabilitation and maintenance through the Delta Levees Subvention Program.
- Flood warnings and information on real and potential flooding
- Coordinates local, state and federal flood fight efforts during a major flood emergency
- Provides experienced personnel to advise and direct flood fight efforts
- Furnishes flood fight crews with experienced personnel to supervise and direct their work.
- Provides flood fight training

800-952-5530

#### CALIFORNIA OFFICE OF EMERGENCY SERVICES

The California Office of Emergency Services (Cal OES) coordinates State action during emergencies under the California Emergency Services Act and administers the State Natural Disaster Assistance Act by



providing financial assistance to local agencies for repairing and restoring flood damaged facilities.  
916-845-8510

#### CALIFORNIA HIGHWAY PATROL

The Highway Patrol is responsible for traffic control during all emergencies. Direct assistance to State and Federal organizations engaged in flood fighting includes use of Highway Patrol communication facilities.

800-835-5247

#### CALIFORNIA NATIONAL GUARD

The California National Guard functions as a reserve force for the national armed forces, and is also the State's reserve source of emergency manpower, equipment and transportation during times of local disaster or disorder.

209-982-4621

#### CALIFORNIA CONSERVATION CORPS

The Flood Operations Center of the Department of Water Resources depends heavily upon the California Conservation Corps (CCC) to provide personnel for flood fighting and levee patrolling during emergency situations. Standby crews are frequently stationed near sites where problems are anticipated due to storm activity, high river stages, high tides or heavy reservoir releases.

209-948-7110

#### CALIFORNIA DEPARTMENT OF FORESTRY

The California Department of Forestry will provide labor crews to assist in flood fight activities during a flood alert period.

916-845-8680

### Federal Agencies

#### FEDERAL EMERGENCY MANAGEMENT AGENCY

The Federal Emergency Management Agency coordinates the disaster relief functions of all federal agencies during a presidentially declared emergency or major disaster.

800-462-9029

#### U. S. ARMY CORPS OF ENGINEERS

During a flood alert, the U. S. Army Corps of Engineers gives local authorities the benefit of the Corps' flood fighting experience and answers requests for assistance in flood fighting received through the Department of Water Resources. In addition, the Corps is responsible for operating certain flood control reservoirs and maintaining surveillance over the flood control operations of other reservoirs having federal flood control reservation space.

916-452-1535

#### U. S. ARMY

Assistance from the U. S. Army may consist of manpower, equipment, and supplies for flood fighting, rescue, and relief work. Such assistance may be sought only when local and State facilities are unable to prevent extensive loss of life or property.

*Requests for U. S. Army assistance in flood fighting must be made to the Corps of Engineers through the Department of Water Resources.*



#### NATIONAL WEATHER SERVICE

The National Weather Service disseminates river forecasts, which have been produced at the joint Federal-State River Forecast Center in Sacramento, to its district offices located in Eureka, Reno, San Francisco, Fresno and Redding. The National Weather Service operates on a 24-hour schedule when emergency high water conditions exist or are anticipated.

916-979-3051

[www.wrh.noaa.gov/sacramento](http://www.wrh.noaa.gov/sacramento)

## 6. Flood Fight Supplies

### Suggested Flood Fight Supplies

An ample supply of the following tools, materials, and equipment as shown in Table 3 should be readily available in a convenient location. The District maintains a cache of flood fight supplies, tools and equipment in a storage unit at their Franklin Pump Station yard at the south end of Franklin Avenue off of Country Club Blvd, as shown in Figure 3. These supplies should be regularly inventoried or restocked.

The inventory should be adjusted according to length of patrol area, number and type of flood control facilities, and experience during other flood events.

Table 3 - Flood Fight Supplies

Item	Quantity (Minimum Required)
Visquine Plastic sheeting, 10 mil, 100 x 20 feet -or- Canvas, 100 x 20 feet	3 rolls
Sandbags	1,000
Twine or baling wire	1 box
Stakes, 2-foot, 2"x4", w/v points	50
Laths, 4-foot	1 bundle
Tie buttons or stones	50
Flagging (fluorescent)	6 rolls
Lineman's pliers	4
Sledge hammers	2
Shovels	5
Life jackets	4
Logbook	1
Tire chains	2
Jumper cables	2
Highway flares	2 bundles
Tow chains	2
Axes	2
Chainsaws	1
Electric lanterns	2
Batteries for lanterns	1 box
Maps	1
Lighting system for night patrol	2
Two-way radios	2



Figure 3 - Location of Flood Fight Storage Unit

### Directory of Materials and Equipment

A directory of materials and equipment suppliers is shown below in Table 4.

Table 4 - Directory of Materials and Equipment Suppliers

Item	Phone Number
<b>Construction Equipment and Contractors</b>	
Dino and Sons (Stockton)	209-471-6070
Holt Repair (Holt)	209-470-4734
Asta Construction (Rio Vista)	707-374-6472
Robert Burns Construction (Stockton)	209-943-6969
AM Stephens (Lodi)	209 333-0136
United Rentals (Stockton)	844-873-4948
<b>Rock, Sand, and Gravel</b>	
Teichert Aggregates (Vernalis)	209-834-8300
FTG Construction Materials (Lodi)	209-334-2112
Foothill Materials (Ford Construction)	209-772-2775
Jackson Valley Quarry (George Reed Construction)	209-274-2018
<b>Dredging and Barge Equipment Rock and Gravel</b>	
San Rafael Rock Quarry (Dutra) (Rio Vista)	707-374-6339
<b>Generators /Pumps</b>	
Moorman Water Systems	209-931-3210
Delta Pumps (Stockton)	209-649-7127
Holt of California (Stockton)	209-946-1777

## 7. Emergency Levee Patrols

### Organizing Emergency Patrols

When a flood alert is called, the exterior levee system must be patrolled by boat with increasing frequency as flood conditions worsen. The District Engineer is required to prepare a patrol schedule that assigns specific shifts to individual boat patrol units. Land-based personnel shall be on standby in the event that flood fighting procedures need to be implemented.

Effective levee patrolling is the best defense against levee failure by early detection and remedial repair of weak spots. Patrols should look for wave wash, boils, seepage, cracks, or sloughing. The following will help in organizing personnel:

- Appoint one person to carry the responsibility for the entire operation.
- Provide sufficient number of personnel for two 12-hour shifts.
- Provide each person with a copy of this manual.
- Assign each person a definite length of levee to patrol, usually no more than can be inspected on foot at least once an hour.
- Furnish each person with a shovel, flashlight or lantern, and five to ten sacks with twine.
- Teach each person the correct way to fill and place sandbags, what danger signs to watch for, and how to signal for help.
- Arrange to stockpile sandbags and other tools and equipment at strategic locations along the levee.
- Be prepared to obtain more personnel, tools, and equipment on short notice.
- Advise the officials of the district or agency responsible for emergency assistance in the area of your efforts and, if necessary, request their help.
- Contact the nearest representatives of the Department of Water Resources or the Corps of Engineers for technical advice and assistance

### Recommended Supplies for Standby Vehicles

The following are recommended materials and equipment that should be carried in each standby vehicle:

- Powerful electric lanterns and extra batteries
- Round-point shovels (to drain puddle water on the crown roadway)
- Axes or chain saws (for trees and branches that have fallen across the roadway)
- A tow chain (to drag debris from the roadway or assist stuck or trapped flood fight vehicles)
- Highway flares (to warn of dangerous road conditions)
- A set of battery jumper cables
- Tire chains
- Visquine sheeting
- Sandbags
- Stakes
- Rope or twine

## 8. Main Causes of Levee Failure and How to Control

The main causes of levee failure during high water are:

- Excessive seepage through or under levees is caused by rodent holes, sand lenses, decomposing tree roots, or leaks that result in a boil on the landside slope.
- Levee erosion by currents or wave action.
- Levee overtopping by flood flows that exceed levee height.

Emergency measures used to prevent levee failure from these causes are known as flood fight methods. Appendix F includes flood fight methods prepared by the DWR. These methods have proven effective during many years of use by DWR, USACE, and local agencies during food-related emergencies.

## 9. Pump Stations operations and Maintenance

RD 1614 provides terminal drainage facilities. The storm water collection and conveyance facilities within RD 1614 are owned and operated by San Joaquin County and the City of Stockton. RD 1614 provides the terminal discharge of all storm water via one of its eleven pump stations [See Appendix A](#)

The Wisconsin Pump Station provides terminal storm drainage pumping for runoff from a drainage shed of nearly 700 acres. The Wisconsin Pump Station is sized with four pumps with a combined capacity of 30,000 gallons per minute (gpm) that discharge into the Calaveras River. Based on analysis by KSN, the capacity of 30,000 gpm meets current 100-year flood standards.

Pump Station inspections and operations are overseen by the District Superintendent. All pump stations are automatically controlled to come on when water is introduced to the system. The Drainage areas and conveyance system are relatively level and capable of storing and delaying the drainage to the pump stations. Pump Stations are inspected on a yearly basis prior to the rainy season to assure proper operation. During large rain events the superintendent checks the pumps while the pumps are in operation. All pumps can be manually activated in the event that the automatic system malfunctions.

Inspections include:

- Checking Pump Sumps and trash racks for debris and blockage.
- Verifying start up procedures and float operations.
- Maintain lubrication systems.
- Verifying electric controls and loads on pumps.

Maintenance includes:

- Cleaning trash racks and sumps.
- Keeping lubrication at appropriate levels.
- Replacement of electric controls as needed.

The Required Generator size for the Pump Stations in Appendix A are as follows:

Area #	Name	PA#	Emergency Generator Information
Area 1	Buena Vista Avenue	(PS1)	45KW
Area 2	Lake Drive	(PS2)	45KW
Area 3	Franklin Avenue	(PS3)	150KW
Area 4	Plymouth Rd Road South	(PS4)	45KW
Area 5	Gardena Avenue	(PS5)	45KW
Area 6	Moering Road	(PS6)	45KW
Area 7	Wisconsin Avenue	(PS7)	150KW
Area 8	Kirk Avenue	(PS8)	45KW
Area 9	Plymouth Road North	(PS9)	45KW
Area 10	Houge Avenue	(PS10)	45KW
Area 11	River Walk	(PS11)	45KW



Reclamation District No. 1614  
Operations & Maintenance Manual

Appendix A

District Base Map

RD 1614 Service Area and Drainage Sheds





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Appendix D

Reclamation District 1614, Smith Tract  
Emergency Operations Plan and Flood Contingency Map

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Appendix E

Superintendent's Guide to Operation and Maintenance of California's Flood Control Projects

Reclamation District No. 1614  
Operations & Maintenance Manual

Appendix F

Emergency Flood Fighting Methods

# ITEM 12

## **RD 1614: MASTER CALENDAR**

### **JANUARY**

### **FEBRUARY**

- Send out Form 700s, remind Trustees of April 1 filing date
- Update Document Retention Policy

### **MARCH**

- Evaluation Review of Employees
- Renewal of Insurance – Crime Policy – Go out to bid for upcoming renewal?

### **APRIL**

- April 1: Form 700s due
- Biannual Town Hall Meeting

### **MAY**

- Draft Budget

### **JUNE**

- June 15: Provide notice/make available to the public, documentation/materials regarding determination of Appropriations (15 days prior to meeting at which Appropriations will be adopted) (*Government Code §7910*).
- Approve Audit Contract for expiring fiscal year
- Adopt Annual Budget.
- Reminder that Liability Insurance Expires Annually the end of July.
- Adopt Annual CEQA Exemption for levee maintenance
- Adopt Annual Levee Subventions Agreement Resolution
- Notice for Appropriations Limit

### **JULY**

- Adopt Resolution for setting Appropriations and submit to County Assessor's Office.
- Adopt Resolution Establishing Annual Assessments.

### **AUGUST**

- August 1: Deadline to certify assessments for tax-roll and deliver to County (duration of current assessment: no expiration).
- Send handbills for collection of assessments for public entity-owned properties
- In election years, opening of period for secretary to receive petitions for nomination of Trustees (75 days from date of election.) (*Cal. Wat. Code §50731.5*)
- Employee Embezzlement Policy Expires this Month.
- Renewal of Insurance  
(Crime policy does not come up for renewal until 8/22/2023)

**SEPTEMBER**

- In election years, last legal deadline to post notice that petitions for nomination of Trustees may be received (7 days prior to close of closure.) (*Cal. Wat. Code §50731.5*).
- In election years, closing of acceptance of petitions for nomination of Trustees (54 days from date of election.) (*Cal. Wat. Code §50731.5*).
- Review Status of Encroachment Permit request from Randy Pierson for fence at corner of Del Rio Ave and Kirk Ave.

**OCTOBER**

- Publish Notice of Election, even numbered years (once per week, 4 times, commencing at least 1 month prior to election).
- Newsletter
- Biannual Town Hall Meeting.

**NOVEMBER**

- Election: to be held date selected by Board each even-numbered year.

**DECEMBER**

- New Trustee(s) take office, outgoing Trustee(s) term(s) end on first Friday of each even-numbered year.
- Follow up on Smith Canal Proposition 218 Reimbursement for costs advanced to SJAFCA.
- Election of Board officers (Election years)

**Term of Current Board Members:**

<b>Name</b>	<b>Term Commenced</b>	<b>Term Ends</b>
Christian Gaines	First Friday 12/2022	First Friday of 12/2026
Kevin Kauffman	First Friday 12/2020	First Friday of 12/2024
Dominick Gulli	First Friday 12/2020	First Friday of 12/2024

**No Expiration on Assessment**

**Emergency Operations Plan Review – September 2022.**

**Reclamation District Meetings**

- **First Monday of each month, at 2:00 P.M.  
at the offices of  
Neumiller &Beardslee  
3121 W. March Lane, Suite 100  
Stockton, California 95219**



# ITEM 16

Reclamation District 1614  
November 2023 Bills

NAME	INVOICE #	AMOUNT	TOTAL \$	WARRANT #	CHECK #	SUBVENTION FUND
Kevin Kauffman		\$100.00		6273		
			<b>\$100.00</b>			
Christian Gaines		\$50.00		6274		
			<b>\$50.00</b>			
Dominick Gulli		\$50.00		6275		
			<b>\$50.00</b>			
Rhonda Olmo		\$1,596.51		6276		
			<b>\$1,596.51</b>			
Neumiller & Beardslee	345396	\$3,045.18		6277		
			<b>\$3,045.18</b>			
Raco Manufacturing & Engineering Co.	SO-95599	\$9,075.00		6278		
			<b>\$9,075.00</b>			
Delk Pest Control	209530	\$220.00		6279		
			<b>\$220.00</b>			
Dino and Son Ditching Service Progress Payment No. 5	13	\$30,750.55		6280		
			<b>\$30,750.55</b>			
Abel Palacio - November Payroll		\$2,488.53			Direct Deposit	
			<b>\$2,488.53</b>			
State of California Payroll Taxes - November		\$91.86			online	
			<b>\$91.86</b>			

Reclamation District 1614  
November 2023 Bills

Federal Government Payroll Taxes - November		\$752.45		online
			<b>\$752.45</b>	
ADP - Period Ending 10/31/23	645834299	\$125.95		online
			<b>\$125.95</b>	
T-Mobile		\$111.82		online
			<b>\$111.82</b>	
Comcast		\$133.39		online
			<b>\$133.39</b>	
PG&E		\$1,127.86		online
			<b>\$1,127.86</b>	

**WARRANT TOTAL: \$44,887.24**  
**CHECKING TOTAL: \$4,831.86**  
**TOTAL BILLS PAID \$49,719.10**