

RECLAMATION DISTRICT NO. 1614

**AGENDA FOR REGULAR BOARD OF TRUSTEES MEETING
2:00 P.M. NOVEMBER 6, 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 October 2, 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:
 - a. Task List From October 2, 2023 Board of Trustees Meeting
 - i. Review tasks resulting from the District's Board of Trustee Meeting held on Monday, October 2, 2023.
 - b. Rock Slope Protection Project (2022-2023)
 - i. Review status of the Rock Slope Protection and Beaver Damage repairs along Smith Canal.
 - c. Wisconsin Pump Station No. 7
 - i. Review the status of the pump tests.
 - ii. 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.
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 updating language in Operation & Maintenance Manual to include generators.

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/>

9. **District Newsletter/Postcard.** Discussion and direction.
10. **Report on Meetings Attended.**
11. **Trustee Reports.** Discussion and direction on Trustee Reports.
 - a. Procedure to consolidate RD 1614 and RD 828.
12. **District Calendar.**
 - a. Next Meeting – December 4, 2023.
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
November 6, 2023**

<u>ITEM</u>	<u>COMMENTARY</u>
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.	Self-explanatory.
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, OCTOBER 2, 2023

The October Regular Meeting of the Board of Trustees of Reclamation District 1614 was held on Monday, October 2, 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), Juan Niera (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.

None.

Item 3. Minutes. Approval of Minutes of the September 5, 2023 meeting.

After review,

On a motion by Trustee Gulli, seconded by Trustee Gaines, the Trustee’s present voted unanimously to approve the September 5, 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 25% for their Fiscal Year. The following additional items were brought to the Board’s attention:

- A warrant is presented for approval today to pay RD 1608 for RD 1614’s share of the yearly storage fee.
- The District secretary reported that the last two month’s General Fund balances were incorrect. The County gave RD 1614’s secretary incorrect information on the fund balance. This problem has been resolved and today’s balance shown on the financial report is correct. President Kauffman asked that the District Secretary forward him any correspondence received from the County.
- The Trustee’s asked Chris Neudeck to follow up with line item G7A (County Assessment Administration) to explain the high year to date expenses.
- A warrant is presented for approval today to pay Dino & Son Ditching Service to pay for Progress Payment No. 4 - Levee Maintenance.

- Reported on income received from the County.

After review,

On a motion by Trustee Gulli, seconded by Trustee Gaines, 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. 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 8/29/2023	Estimated Remaining Costs	Contract Amount
<i>Original Contract</i>		\$358,712.04	\$39,787.96	\$398,500.00
Original Contract		\$358,712.40	\$39,787.96	\$398,500.00
Change Orders		\$78,988.15	\$51,587.50	\$130,575.65
PCO 001	Clearing and Grubbing at 1960 & 1974 Canal Drive	\$17,220.00	\$20,635.00	\$37,855.00
PCO 002	Clearing and Grubbing at 1948 & 1990 Canal Drive	\$27,575.00	\$30,952.50	\$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
Totals:		\$437,700.19	\$91,375.46	\$529,075.65

Mr. Neudeck reviewed the above table with the Trustees. He stated the table includes actual costs to date and estimated remaining costs, as of 8/29/23. All prep work is generally completed, and the remaining work consists of furnishing and placing riprap. Mr. Neudeck stated this is a very sought out program. Trustee Gulli directed Mr. Neudeck to continue with this program and work with Dino & Sons to get a change order so this program can max out. Mr. Neudeck will work with Dino & Sons and determine which lots are primary to begin with and look into RD 1614’s subventions claim amount. Attorney Pinasco will look into change order thresholds/competitive bid issues.

II. Wisconsin Pump Station No. 7

- A. Review status of the pump tests.

Mr. Neudeck reported pump testing occurred on 8/30/23. The results will be forthcoming. He reported the pumps are working fine.

- B. Review status of videoing storm drainage collection system that extends from along Hoover Tyler Little League fields to Wisconsin Pump Station. Subtronic Co. is scheduled to CTTV the storm drainpipe on 9/14/23.

Mr. Neudeck stated Subtronic Co. was not able to do the work on 9/14/23 and rescheduled to 10/14/23. President Kauffman said he wants the maintenance taken care of first. He asked Abel Palacio to contact Holt Repair to see if they can come out this week to clean the manholes.

Regarding the Letter of Map Revision for the interior drainage studies, Trustee Gulli asked Mr. Neudeck to please provide an updated report including the new pumps at Wisconsin. Trustee Gulli said to include a discussion on the pumping of the storm event of January 1, 2023 per the field logs and state if we can use the full capacity of the pump station based on the conveyance system.

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

Superintendent Palacio reported on the following:

- Spent this month preparing for the rainy season by planning and scheduling maintenance on several items needing attention.
- Ordered soft start replacement at station #11 – River Walk.
- Having trouble finding a contractor to do the seal coating of roof at station #9 – Plymouth and River Drive. President Kauffman suggested Mr. Palacio contact Superior Roofing.
- Next week Mr. Palacio will continue with the vegetation management at all the pump stations.
- Coordinating sump cleaning at most of the key pump station.
- Performed a levee inspection of south bank of Smith Canal – did not see anything of concern from previous inspections.

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

Trustee Gulli reported he is finalizing his responses to FEMA. Discussion was held regarding follow up questions he needs to address (report attached to minutes). Chris Neudeck will work with Trustee Gulli on some of the answers he needs to respond to FEMA regarding maps, profiles, and cross sections.

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

Trustee Gulli stated that FEMA is requiring language about backup generators to be added to the District's Operation & Maintenance Manual. Trustee Gulli believes he can get that language from the 2010 Drainage Report. Trustee Gulli will update the Operation & Maintenance Manual and bring it back for review/approval.

Item 9. Report on Meetings Attended. Chris Neudeck spoke on the Delta Levee and Habitat Committee meeting he attended. He also reminded the Board about the upcoming Pre Season Flood Meeting on October 11, 2023.

Item 10. Trustee Reports. Discussion and direction on Trustee Reports.

No report.

Item 11. District Calendar.

- a. Next Meeting – November 6, 2023

Item 12. Items for Future Meetings. Items for Future Meetings.

Discussion was held as to how often the District should circulate their newsletters/postcards and when they should be mailed out to homeowners. President Kauffman directed Sarah Vigil to mail out the newsletters and postcards at least 10 days before a District meeting so that the homeowners can receive them in time. She was also instructed not to use a presort company for her mailings and to find another method. After further discussion, it was decided that RD 1614 would like for postcards to mailed out twice a year informing homeowners of upcoming meetings – he would like these mailed out in December and July. President Kauffman would like a draft of the postcard for the December mailing soon. The District will send two newsletters a year.

Trustee Gulli said he would like to continue discussion about merging RD 1614 and RD 828 and its advantages. Attorney Pinasco stated he would look into the process and report back to the Board.

Item 13. Correspondence. Discussion and direction.

- a. DWR – 2023 Preseason Flood Coordination Meetings
- b. September 15, 2023 Letter from PG&E – Notification of Transition

Abel Palacio was directed to contact PG&E to see if there is another program the District can use and what the rates would be.

Item 14. Agency Reports. Report on San Joaquin Area Flood Control Agency’s Smith Canal Gate Structure Project.

Juan Niera reported on the following:

- The Gate has been open for some time already – currently dredging around the Gate.
- South Wall – just completed driving of the piles.
- North Wall – concrete pavers are going to be installed on the lower side.
- Substantial completion will be done this year and after that SJAFCA will work with FEMA for accreditation.

Item 15. District Bills. Motion to Approve of Bills.

After review,

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

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

Absent: None

Item 16. Adjournment. The meeting at 4:21 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

September 2023 Bills

NAME	INVOICE #	AMOUNT	TOTAL \$	WARRANT #	CHECK #	SUBVENTION FUND
Kevin Kauffman		\$100.00		6252		
			\$100.00			
Christian Gaines		\$50.00		6253		
			\$50.00			
Dominick Gulli		\$50.00		6254		
			\$50.00			
Rhonda Olmo		\$1,507.82		6255		
			\$1,507.82			
Neumiller & Beardslee	344678	\$1,982.80		6256		
			\$1,982.80			
Kjeldsen, Sinnock & Neudeck, Inc.	36171	\$1,842.50		6257		
	36172	\$3,168.51				
	36173	\$2,488.75				
	36174	\$2,263.75				
	36175	\$343.75				
	36176	\$1,596.25				
	36177	\$13,705.35				
	36178	\$1,092.50				
	36178	\$2,463.23				
			\$28,964.59			
Dino and Son Ditching Service Progress Payment No. 4 - Levee Maintenance	10	\$21,392.60		6258		
			\$21,392.60			

Reclamation District 1614
September 2023 Bills

Alan Spragg and Associates	8092360	\$375.00		6259	
			\$375.00		
Department of Motor Vehicles		\$20.00		6260	
			\$20.00		
Delk Pest Control	201684	\$220.00		6261	
			\$220.00		
Reclamation District 1608 - Yearly Storage Fee	186-23/24	\$250.00		6262	
			\$250.00		
Abel Palacio - September Payroll		\$1,338.55			Direct Deposit
			\$1,338.55		
State of California Payroll Taxes - September		\$33.99			online
			\$33.99		
Federal Government Payroll Taxes - September		\$460.52			online
			\$460.52		
ADP - Period Ending 8/31/23	641379235	\$125.95			online
			\$125.95		
T-Mobile		\$111.80			online
			\$111.80		
Comcast		\$132.68			online
			\$132.68		
Visa		\$135.48			online
			\$135.48		
State Fund	1001206799	\$669.50			online
			\$669.50		

Reclamation District 1614
September 2023 Bills

PG&E		\$1,044.70			online	
			\$1,044.70			

WARRANT TOTAL: \$54,912.81
CHECKING TOTAL: \$4,053.17
TOTAL BILLS PAID \$58,965.98

RD 1614 Direction to provide Maps, Profiles and cross sections.

1. Provide a plan and profile drawing using the alignment of the 5 year plans and the data from the 2015 Smith Canal CAD files to illustrate the following:
 - a) Reflect the current Base Flood Elevation (BFE) of 10.0 NAVD 88 on both the profiles and cross sections. Include a line representing 3 ft. freeboard above the BFE.
 - b) For the plan view include the topographic surface and a suitable image. Label the major roads and pump station pipes.
 - c) On the cross sections illustrate the typical sections with the EM-1110-2-1913 and the SPK EDG 03 standard levee templates at Elevation 13.0.
 - c) On the profiles show the discharge pipes at the actual location and invert elevations, Show the Pershing Bridge and I 5 Bridge and show the Toe elevation profile. The toe is shown of the 2015 ACADD drawing which KSN provided.
3. For the various plans/profiles provided (2018 five year, 2015 ACAD, 2009 five plan, levee Segment P359, Klienfelder 2010 Geotechnical Preliminary Levee Evaluation and the Klienfelder DWR GLE the stationing is different. For Quality control please print one profile with each of the profiles as a different color.
5. For the interior drainage studies please provide and updated report including the new pumps at Wisconsin. Include a discussion on the pumping of the storm event of Jan 1, 2023 per the field logs (enclosed). IE can we use the full capacity of the pump station based on the conveyance system?

Dominick Gulli

209 649 4555

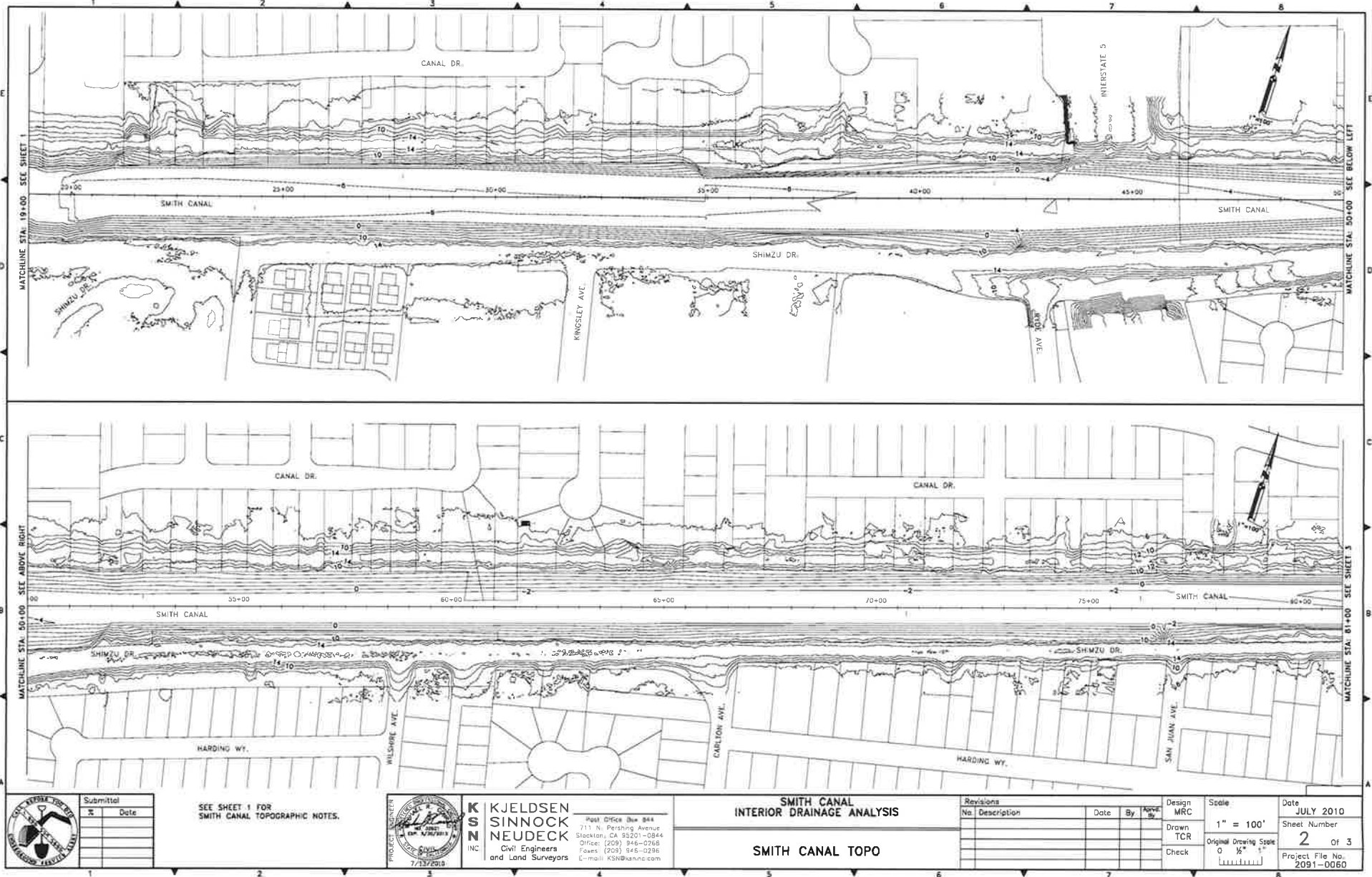
Wisconsin Pump Station - Run Time Hours

480 Volt 3 phase system

Date	Existing 40hp	Existing 40HP	New 70HP	New 70HP
January 1- 30	Pump 1	Pump 2	Pump 3	Pump 4
12/10/22	20.2 Hrs	0 Hrs	17.9 Hs	5 Hrs
1/1/23	51.9 Hrs	31.8 Hrs	66.2 Hrs	59.7 Hrs
1/26/23	62.5 Hrs	0 Hrs	273 Hrs	35 Hrs

Total accumulated run time in hours

FILE: S:\01 - PA\2091 - SM CANAL\010000-Smith_Canal_Channel_Structure\01_interior_Drainage\3D_Drains\SmithCanal-Topo.dwg
 PLOT DATE: Jul 13, 2010 11:35:06



Submittal	Date

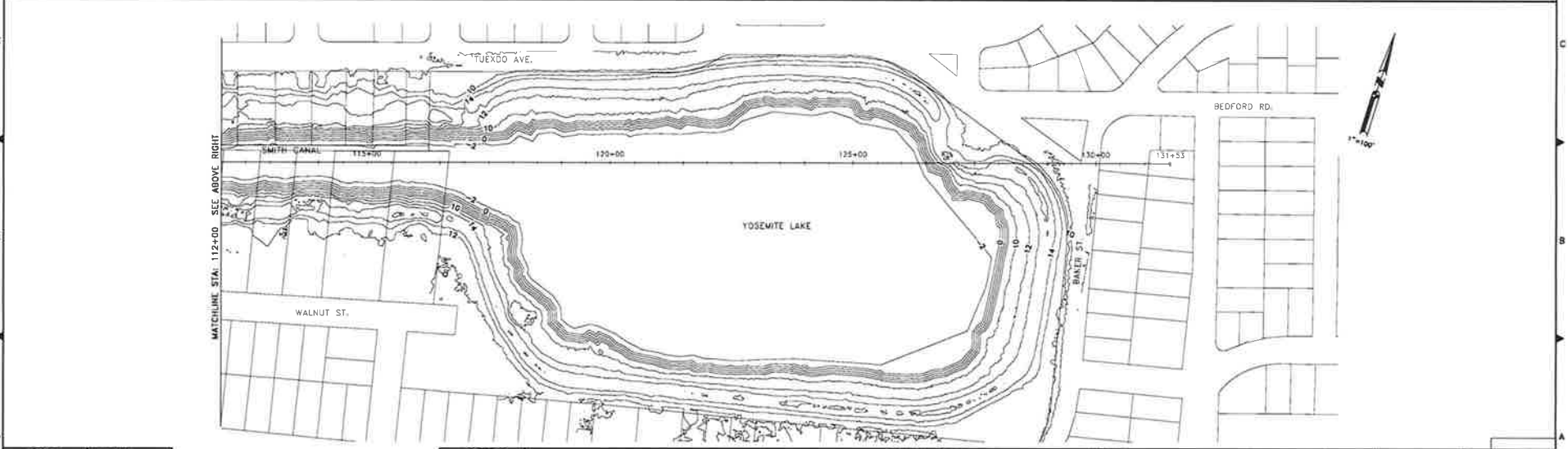
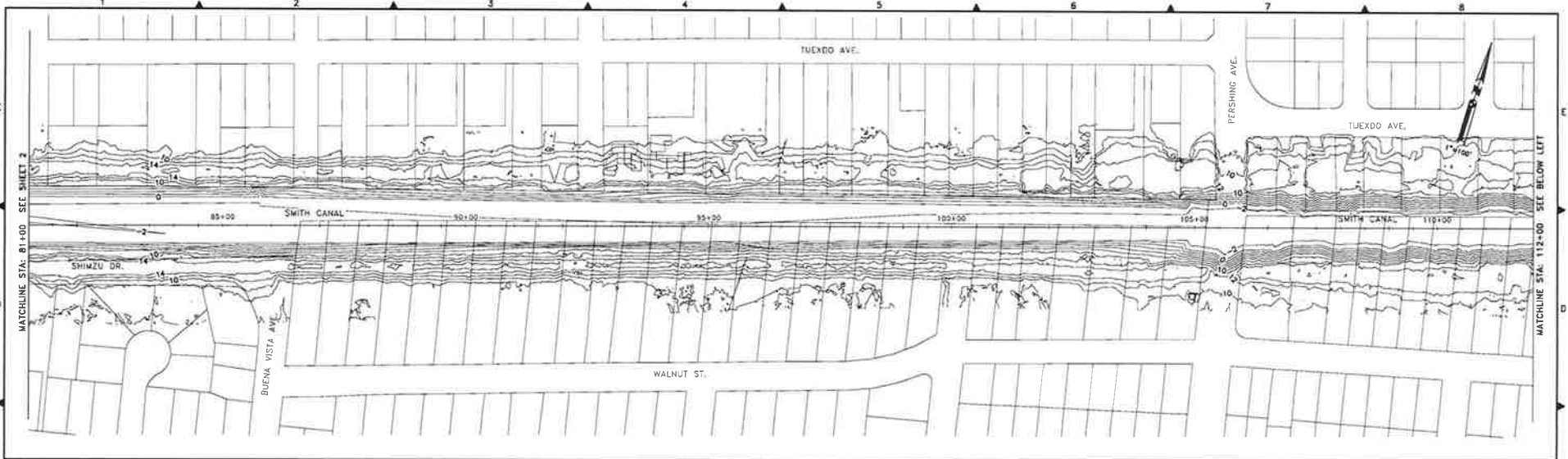
SEE SHEET 1 FOR SMITH CANAL TOPOGRAPHIC NOTES.



KSN INC.
KJELSDEN SINNOCK NEUDECK
 Civil Engineers and Land Surveyors
 Post Office Box 844
 211 N. Peckham Avenue
 Stockton, CA 95201-0844
 Office: (209) 946-0268
 Facs: (209) 946-0286
 E-mail: KSN@ksninc.com

SMITH CANAL INTERIOR DRAINAGE ANALYSIS
SMITH CANAL TOPO

Revisions				Design	Scale	Date
No.	Description	Date	By	MRC	1" = 100'	JULY 2010
				Drawn	Original Drawing Scale	Sheet Number
				TCR	0 1/2" = 1"	2 of 3
				Check	Project File No.	2091-0060



FILE: S:\PC\PA\2001\SMITH_Canal\Drawings\SMITH_Canal\Interior_Drainage\100_Drainage\100_Drainage.dwg
 PLOT DATE: Jul 13, 2010 3:25pm

Submital	Date
X	

SEE SHEET 1 FOR SMITH CANAL TOPOGRAPHIC NOTES.

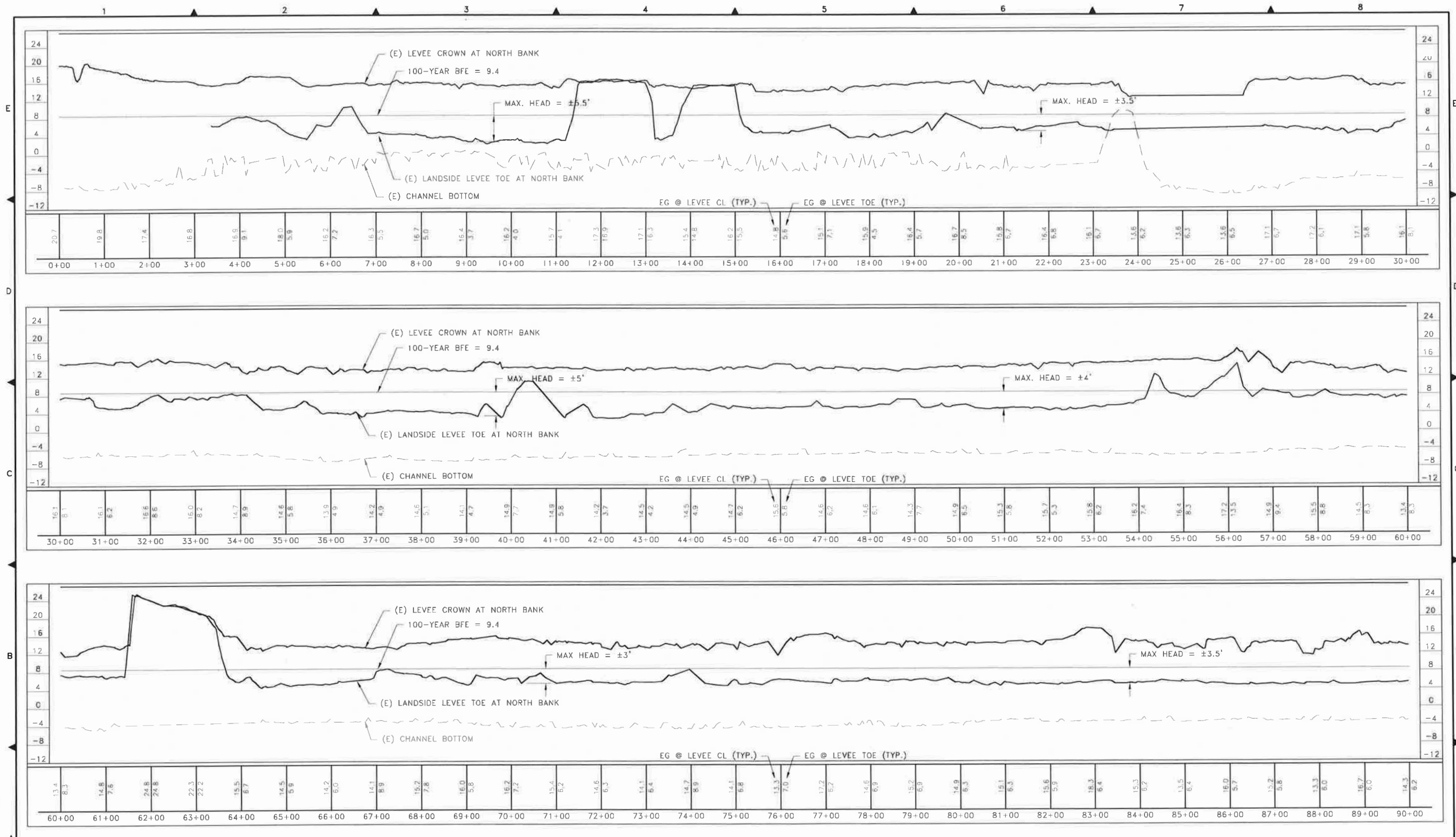


KSN INC.
KJELDEN SINNOCK NEUDECK
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 Stockton, CA 95201-0844
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SMITH CANAL INTERIOR DRAINAGE ANALYSIS
SMITH CANAL TOPO

Revisions		Date	By	Appr. By	Design MRC	Scale	Date
No.	Description					1" = 100'	JULY 2010
						Original Drawing Scale 0 1/4" = 1"	Sheet Number 3 Of 3
							Project File No. 2091-0060

FILE SPEC: P:\2091_SJAFC_A\010\0063_Smith_Canal_Gate_Final_Design\12_Alternatives_Analysis\CAD\Exhibits\Exh_Profile and Sections for FEMA.dwg
 PLOT DATE: Nov 16, 2015 - 5:01pm



K S N INC	KJELDEN SINNOCK NEUDECK Civil Engineers and Land Surveyors	711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1355 Holyard Drive, Suite 100 West Sacramento, CA 95691 916-403-5900 www.ksninc.com	Scale H: 1" = 100' V: 1" = 5' Original Drawing Scale 0 1/2" = 1"		SJAFC SMITH CANAL CHANNEL PROFILE NORTH BANK	EXHIBIT A PAGE 2

ITEM 4

RECLAMATION DISTRICT 1614
FINANCIAL REPORT MEETING NOVEMBER 2023 MEETING
% OF FISCAL YEAR ELAPSED THROUGH END OF OCTOBER - 33.3%

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
GENERAL FUND				
Administrative				
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	\$3,595.14	10,660.72	19.38%
G4a Secretary	16,000.00	\$1,566.95	6,046.06	37.79%
G5 Workers' Compensation	3,000.00	\$0.00	669.50	22.32%
G6 Trustee Fees	4,000.00	\$200.00	700.00	17.50%
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	\$245.19	978.63	32.62%
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	\$0.00	0.00	0.00%
TOTAL	\$116,500.00	\$5,607.28	\$35,044.17	30.08%
Consultants				
G14 General Engineering	\$ 30,000.00	\$8,033.27	\$23,233.95	77.45%
G15 General Legal	30,000.00	\$0.00	5,590.15	18.63%
TOTAL	\$ 60,000.00	\$8,033.27	\$28,824.10	48.04%
Property & Equipment				
G16 Operation & Maintenance	\$ 3,000.00	\$0.00	\$0.00	0.00%
G16A District Vehicle Expenses	3,500.00	\$378.95	1,323.29	37.81%
G17 Acquisitions	0.00	\$0.00	0.00	0.00%
G18 Flood Fight Supplies	0.00	\$0.00	0.00	0.00%
TOTAL	\$ 6,500.00	\$378.95	\$1,323.29	20.36%
Other				
G19 Insurance	\$ 19,500.00	\$0.00	\$17,928.76	91.94%
TOTAL	\$ 19,500.00	\$0.00	\$17,928.76	91.94%
TOTAL GENERAL FUND	\$ 202,500.00	\$ 14,019.50	\$ 83,120.32	
RECURRING EXPENSES				
Levee				
R1 General Maintenance	\$ 15,000.00	\$133.92	3,888.40	25.92%
R1A Engineering - General	25,000.00	\$941.66	7,756.42	31.03%
R1C Riprap and Levee Repair	350,000.00	\$627.50	474,500.97	135.57%
R1D DWR 5 Year Plan	0.00	\$0.00	0.00	0.00%
R1E Storm Emergency	0.00	\$0.00	0.00	0.00%
TOTAL	\$ 390,000.00	\$1,703.08	\$486,145.79	124.65%
Drainage				
R2 Electricity	\$ 35,000.00	\$856.82	\$4,187.40	11.96%
R3 Sump Clearing	30,000.00	\$3,350.00	3,725.00	12.42%
R4 Plant O&M	75,000.00	\$3,495.49	11,768.73	15.69%
R4A Pest Control	3,000.00	\$220.00	880.00	29.33%
R5 Wisconsin Pump Station Design	0.00	\$0.00	\$0.00	0.00%
R6 Wisconsin Pump Station Construction	0.00	\$0.00	1,726.25	0.00%
TOTAL	\$ 143,000.00	\$7,922.31	\$22,287.38	15.59%
TOTAL RECURRING EXPENSES	\$ 533,000.00	\$ 9,625.39	\$ 508,433.17	
TOTAL EXPENSE BUDGET	\$ 735,500.00	\$ 23,644.89	\$ 591,553.49	

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	\$0.00	\$20,643.00	103.22%
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	<u>\$0.00</u>	<u>\$0.00</u>	<u>0.00%</u>
TOTAL	\$ 760,479.80	\$0.00	\$274,694.47	36.12%
TOTAL NET INCOME (LOSS)	\$ 24,979.80			

O&M Fund Balance (as of 11/2/2023)	2,002,667.94
Wisconsin Fund Balance (as of 10/31/2023)	87,891.70
Proposed Expenses	<u>23,644.89</u>
TOTAL CASH	<u>\$ 2,066,914.75</u>

Checking Account Balance (as of 11/2/2023)	12,915.32
TOTAL CASH ON HAND	<u>\$ 2,079,830.07</u>

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	\$869,828.86

ITEM 5

**RECLAMATION DISTRICT NO. 1614
 SMITH TRACT**

**BOARD OF TRUSTEES MEETING
 MONDAY, NOVEMBER 6, 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. Review status of the Rock Slope Protection and Beaver Damage repairs along Smith Canal. Status summary:

- Here’s a table that includes actual costs to date, as of 9/1/2023. All work as currently planned is completed.

Rock Slope Protection Project Actual Costs to Date:

Item	Description	Costs Thru 9/1/2023	Estimated Remaining Costs	Contract Amount
Original Contract		\$398,500.00	\$0.00	\$398,500.00
Change Orders		\$61,718.72	\$0.00	\$61,718.72
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
Totals:		\$460,218.72	\$0.00	\$460,218.72

- Five additional lots have been identified for RSP. Work will commence pending approval of an amendment request for Subvention application FY 23-24.

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 before additional lots	\$67,575
Estimated RSP at 5 additional lots	\$350,000
Remaining FY 23-24 RSP budget after additional lots	(\$282,425)
Amendment request to Subventions application FY 23-24	\$300,000

III. WISCONSIN PUMP STATION NO. 7

A. Review the status of the pump tests.

- 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.
- Interior drainage analysis of Wisconsin watershed is underway.

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.

Exhibit A

Task resulting from RD 1614 - Smith Tract

Board of Trustees Meeting held Monday October 2, 2023

EEA/CHN Meeting

- **Dominic Gulli FEMA LOMR submittal:**

1. Show 10.0 BFE on requested drawings along with the existing 9.4 per the Flood Frequency Study. Delineate the basis for both BFE's one being the existing published BFE and the other the improved local studied BFE and preliminarily approved. **Drawings are being updated.**
2. Survey and prepare the elevation of the RD 1614's 5 pump station discharge pipes that penetrate the District's levee along with the SG&CC diversion irrigation pump station along the gold course just west of the gate. **Survey has been completed and pipe crossings will be added to the levee profile.**
3. DG was happy with your levee station correlation.
4. Prepare for comparison's sake but not submittal to FEMA an overlay of all of our profiles that he mentioned with his original request for data to us. **Drawings are being developed.**
5. DG wants a full plan and profile of the 2015 LIDAR data similar to what was done for the interior drainage analysis. **Drawings are being developed.**

- **Interior Drainage Analysis for the Smith Canal Gate LOMR:**

1. Re-evaluate hydrographs and street storage. Consider re-doing interior drainage analysis for Wisconsin Pump Watershed to show FEMA that it meets the required capacity given the recent As Built of the new pumps. Obviously consider the cavitation in the pumps as it impacts the pumping capacity and ultimate flows vs design. **Interior drainage analysis of Wisconsin watershed is underway.**
2. Is it possible to start the pumps earlier on the pump hydrographs to get a jump on the incoming inflow 600 minutes seems long. (looking at KSN Inc Preliminary Interior Drainage Analysis (dated?) & Wisconsin Hydrographs. **Yes.**

- **Change Order Dino & Son RSP existing contract to pick up additional landowners:**

1. The Board of Trustees wants to amend the existing contract to add the new list of homeowners given the potential for Subventions funding sunset this coming year.

Several considerations are: how many homeowners on the waiting list? What are the estimated costs? Does the Districts Subvention Application consider a larger scale project? This will be PCO 6 does the Public Contract code allow this large of CO's or is it restricted to say 25% (AJP is checking and will report back to us. KSN is not to prepare Plans but rather direct the contractor on the CO work in order to save time and money, similar to are other adds during the original contract. DG wants to tag along and see some of the typical lots that are on our waiting list as a District representative/Trustee. **Five additional lots for RSP have been identified, and the estimated cost is \$350k. DWR has been notified that the District is seeking a \$300k amendment to its Subventions application for FY 23-24.**

- **Hoover Tyler Storm Drain:**

1. Holt Repair is going to clean trash out of Storm Dran before we CCTV. Abel is coordinating this effort ASAP. **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,**

- **SG&CC failed diversion/irrigation pipeline out of Calaveras River:**

1. Kevin asked DG not to complicate this matter and get the SJCFCWCD involved and that EEA and he meet with Harj (LS Supt for SG&CC) and come up with a plan that is acceptable to RD 1614 and SG&CC . **SJC PW has already elevated matter to SJCFCWCD and CVFPB. EEA will reach out to Kevin and Harj to schedule a site visit.**

ITEM 6

RD 1614 Superintendent's Report
October 2023

9/22/2023

Letter from PG&E concerning letter dated September 15,2023.

At the last Trustee meeting , the Trustees asked me to investigate the electric rate change outlined in the letter from PG&E. The rate change was imposed by PG&E because of the higher electrical loads experienced during the heavy rain months of January-March of this year at the Wisconsin Pump Station. The load of the pumps running more than 3 consecutive months exceeded 75 Kilowatts of energy per month during that time . That is the threshold that automatically moved us from the rate plan from flat rate to the (TOU-B10 Business Time of use - B10). The letter did not mention the actual rates in effect this year for that rate plan so I called the PG & E representative to inquire of the rates. Below are the rates of that TOU-B10 rate plan this year. I also established s a PG&E Web account so that I can monitor the electrical usage of all of the Districts 11 pumps stations

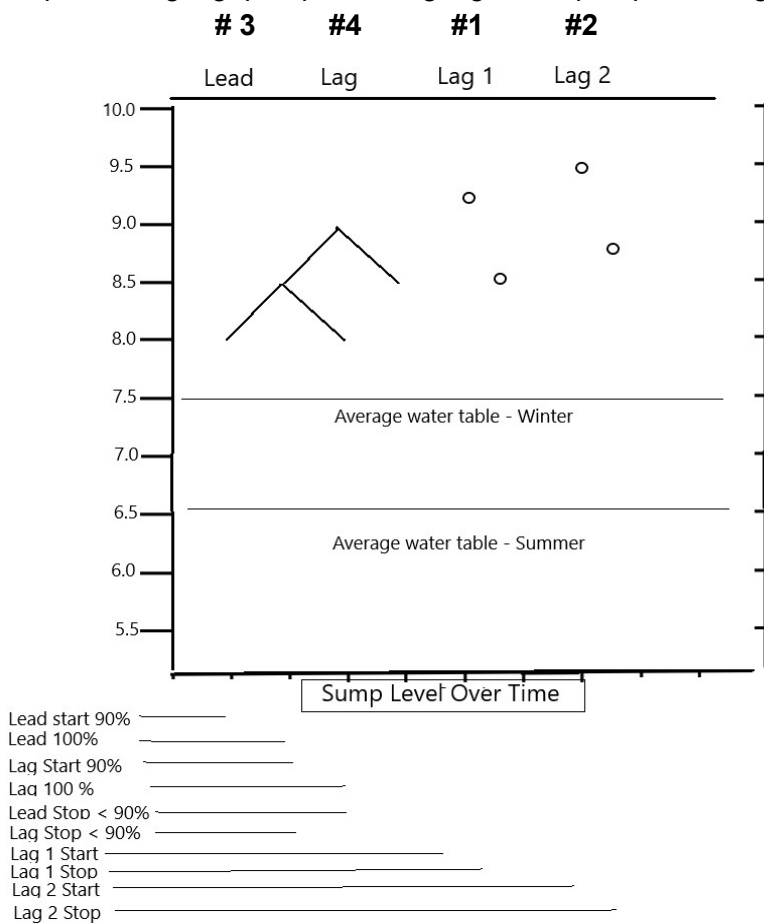
	Off Peak (9pm to 4pm)	Peak (4 to 9 pm)	
Winter rate			
October 1 - March 30	.27	.31	Cents per kilowatt
Super Off Peak			
April 1- May 30	.25	.31	
Summer			
June 1-Sept 30	.29	.35	

Summary: The rates seem to be reasonable considering the prices of today's energy cost. According to recent news reports , PG&E has one of the highest rates in the nation. As a district within the PG&E service area we have no other options for energy suppliers. One way to lower our bills is to reduce unnecessary pumping by increasing the minimal levels at the pump stations. This will minimize the unnecessary pumping of groundwater. I have been monitoring and making adjustments to the level control systems of all the pump stations for the last year or so for this very reason . A nice benefit of PG&E's winter(lower) rates is that it coincides with the primary time that our energy use increases due to pumping activity at the pump stations. Having said all that, I feel that the rates are reasonable.

At the last Trustee meeting, the question was raised about the operational sequence of the Wisconsin Pump Station. The description and chart below explains the current operational sequence of the pump station.

Automatic operating sequence of Wisconsin pump station:

The chart below describes the current starting and stopping sequence of the Wisconsin Pump station. It also shows how the new pumps #3 and #4 vary their speed in an attempt to match the flow rate of storm water entering into the station. The range of the variable speed pumps are intentionally limited between 90 % and 100 % . This was based on the report provided by Power Services Inc, in January of 2023. The report indicated that the pumps work at optimal efficiency within that speed range. The control system allows any pump to be selected as Lead(1st), Lag(2nd) , Lag1(3rd) or Lag 2 (4th). The chart below represents the current configuration with pump #3 being lead, pump #4 being lag, pump #1 being lag1 and pump #2 being lag 2

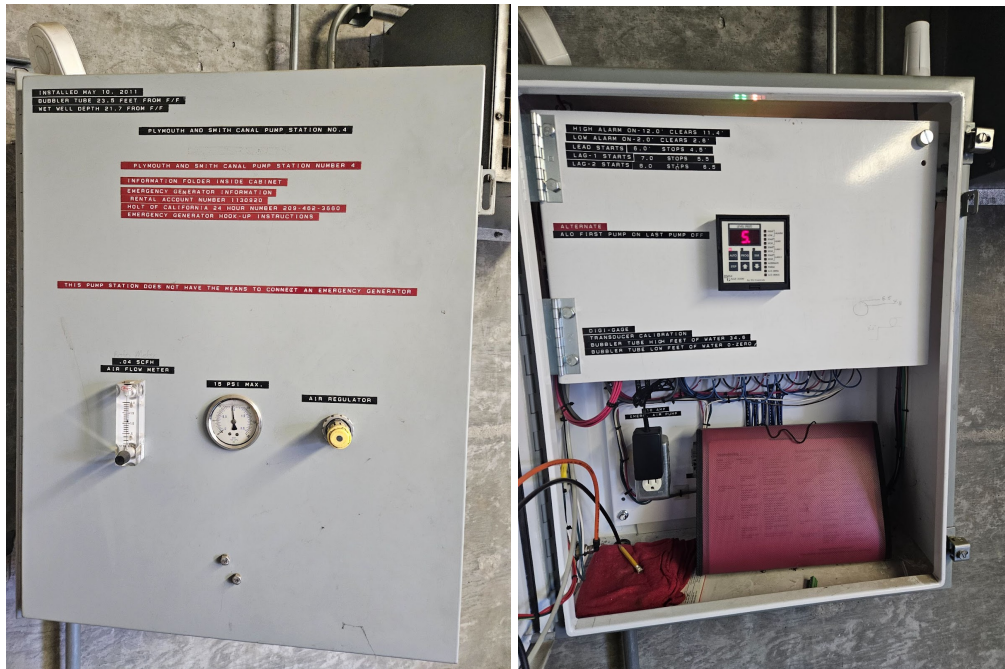


Data below is based on the January flow rate test provided by Powers inc.:

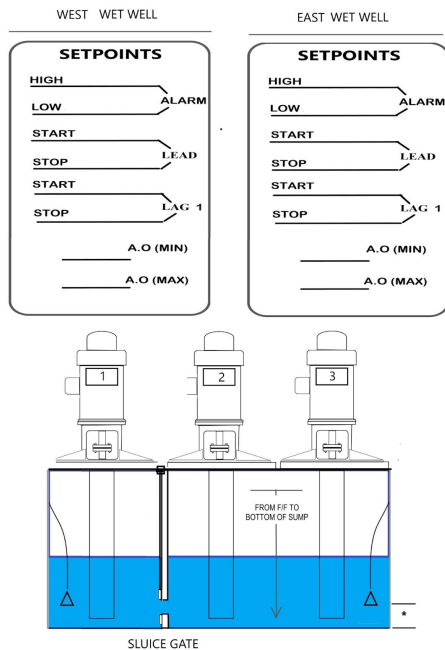
Measured Speed of Pump,	RPM	676	750	810	902
	VFD, Hz:	45(75%)	50(83%)	55(90%)	60(100%)
kWh per Acre Foot		64.16	48.99	37.21	37.51
Overall Plant Efficiency (%)		30.90	41.00	55.60	56.10
Flow Velocity, ft/sec		1.54	2.39	4.22	5.75

Station 4 -Plymouth and Smith Canal Pump Station. As previously reported , the wet wet at station 4 is actually 2 separate wet wells separated by concrete wall with a cross connection valve. During heavy rains, the water levels in the wet wells can become unequal. Having only a single controller on one side of the wet well can cause significant differences in water levels, leaving some of the pumps to be in the off position when they should be on or running. The solution was to install a secondary level control system to allow independent level monitoring and controlling of each wet well. This work has been completed and the initial testing has shown the system works well. (See before and after pics)

BEFORE:



AFTER :



In addition the pneumatic system was replaced with a submersible transmitter system for increased reliability.

On October 23 , 2023 Pump Stations #1, #3, #4 and #10 were cleaned of all debris and silt. The west side influent line to the Wisconsin pump station was recently discovered to be owned by the District. To evaluate the condition of the pipe a video inspection was done during the month. Below a workman clears debris found in the influent line. A (2" X 12") board was so long that it had to be cut in half to get it out of the manhole. Large rocks and safety cones were also found in the influent line and removed during the inspection.



A levee inspection was also performed on 10/30/23. Please see the attached report of that inspection.

Looking ahead:

During the following month of November , I plan on performing, full function test of motors and pumps at all pump stations. The parts for station #11 - River walk has arrived and I will be installing the new soft start and level controller system there. These modifications and preventative miantenance should give us a greater reliability to weather storms during the coming winter months. I will also be reaching out to our suppliers of emergency pumping equipment and emergency generators to ensure the availability of equipment should the need arise during major storm events.

This concludes my report.

Respectfully:

Abel Palacio - Reclamation District 1614 Superintendent:

Reclamation District 1614 Monthly Waterside Inspection Report

Personnel present: Abel Palacio (RD 1614 Superintendent), Aaron Lickingteller (KSN), Deby Provost (RD 828 Trustee)

Inspection conducted: Monday, October 30, 2023 at 9:00am –12:30pm. Two low tides occurred at 2:00am and 3am (-0.3 feet) and high tide occurred at 7:00pm (4.3 feet). The following points of interest were observed during the inspection:

Photos of Smith Tract



3216 Moering Ct.: New construction (or demo?) on existing home. See dirt piles to left of photo, indicating earthwork.



2344 Canal Dr.: The property owner here decided they wanted RSP, but are not willing to remove the dilapidated dock or deck.



2000 Carlton Ave.: A good candidate for RSP.



1822 W. South Tuxedo Ave.: A good candidate for RSP.



1764 W. S. Tuxedo Ave.: A good candidate for RSP.

Photos of Weber Tract



1625 W. Walnut St.



1641 W. Walnut St.

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:

Name	Term Commenced	Term Ends
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
October 2023 Bills

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

Reclamation District 1614
October 2023 Bills

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

WARRANT TOTAL: \$40,320.74
CHECKING TOTAL: \$8,324.15
TOTAL BILLS PAID \$48,644.89