

**WALKER RIVER IRRIGATION DISTRICT  
LOCAL IMPROVEMENT DISTRICT #4 SARONI CANAL ADVISORY BOARD  
ANNUAL MEETING  
SMITH NEVADA**

**September 27, 2022  
Tuesday 9:00 A.M.**

**NOTICE OF ADVISORY BOARD ANNUAL MEETING  
of the Local Improvement District #4 Saroni Canal**

The Advisory Board of Local Improvement District #4 (Saroni Canal) of the Walker River Irrigation District will conduct its annual meeting on Tuesday, September 27, 2022, beginning at 9:00 A.M. in the Old Smith Valley Courthouse at 2 Day Lane, Smith, Nevada. A quorum of the District Board of Directors may be present at the meeting. The District Board of Directors will not take any action on any matter at the meeting.

**THIS MEETING WILL BE HELD IN PERSON**

The public may attend in person and provide public comment and also comment on Agenda items by emailing comments to [jessica@wrid.us](mailto:jessica@wrid.us). Comments received by email prior to 4:00 P.M. on September 26, 2022, will be entered into the record. Comments may also be submitted during the meeting and by participating in the Joint Zoom Meeting using the information below.

The District appreciates the public's patience and understanding during this difficult and challenging time.

**NOTICE**

**All proxies must be given to the Secretary prior to calling the meeting to order.**

Agenda items may be taken out of order.

The Advisory Board may remove or delay discussion relating to an agenda item at any time.

The Advisory Board may combine two or more agenda items for consideration.

The meeting may be continued as deemed necessary.

Requests for supporting material provided to members of the Advisory Board, if any, can be provided electronically by a request to [jessica@wrid.us](mailto:jessica@wrid.us). Such supporting material, if any, will be posted on the Walker River Irrigation District website.

## **OFFICIAL AGENDA**

1. Call meeting to order; read proxies into official record.
2. Public Comment
3. Consideration of Minutes of the October 10, 2021, Annual Canal Board Meeting.
4. Ditch tender update on Water Season 2022.
5. Financial Report
6. Planned upcoming scheduled maintenance and projects.
7. Budget and assessments for FY 2023/2024
8. Election of Advisory Board members.
9. Public Comment
10. Adjournment

**WALKER RIVER IRRIGATION DISTRICT**

**ADVISORY BOARD OF LOCAL IMPROVEMENT DISTRICT #4 SARONI CANAL**

Notice is hereby given that on September 27, 2022, the Advisory Board of Local Improvement District #4 (Saroni Canal) of the Walker River Irrigation District will conduct a meeting. The meeting will commence at 9:00 A.M. at the Old Smith Courthouse 2 Day Lane, Smith, Nevada. The Official Agenda for that meeting is attached hereto and made a part of this Notice.

Date: September 13, 2022

ROBERT C. BRYAN  
Manager

I, Robert C. Bryan, WRID Manager, do hereby certify that the foregoing Agenda was duly posted on September 13, 2022 at the following locations:

Walker River Irrigation District Office, 410 N. Main Street, Yerington, Nevada  
Lyon County Courthouse, Main Street, Yerington, Nevada  
U.S. Post Office Bulletin Board, Main Street, Yerington, Nevada  
U.S. Post Office Bulletin Board, Highway 208, Smith, Nevada  
U.S. Post Office Bulletin Board, Highway 208, Wellington, Nevada  
Walker River Irrigation District's website (<http://www.wrid.us>)  
The Nevada Public Notice website pursuant to NRS 232.2175 (<https://notice.nv.gov>)

  
ROBERT C. BRYAN  
Manager





## SARONI CANAL

### PROXY

**A *written* proxy must be given to the Secretary prior to the start of the meeting.**

This certifies that \_\_\_\_\_ is hereby authorized and designated as the carrier of this proxy on my/our behalf at:

\_\_\_\_\_ The meeting of the Saroni Canal to be held on September 27, 2022.

\_\_\_\_\_ To vote as my agent at all future meetings of the Saroni Canal in 2022.

Dated this \_\_\_\_\_ day of

\_\_\_\_\_

Member Signature

\_\_\_\_\_

Print Name

# Acres represented \_\_\_\_\_

\_\_\_\_\_

Witness

Please contact the Walker River Irrigation District if you have any questions at (775) 463-3523.



## **Saroni Canal Advisory Board Meeting**

**October 12, 2021**

### **Walker River Irrigation District**

#### **Present in Person:**

Richard Nuti	Lynne Heller	Trent Renner	Don Renner
Gunnar Garms	Ed Ryan	Peter Fenili	Silas Adams
Joanne Sarkisian	Taylor Thomas	Sandy Neville	Bert Bryan
Jessica Halterman	Jason Milligan		

#### **Present via Phone:**

Marianne Leinassar	Kris Leinassar	Steven Fulstone	Dave Hockaday
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#### **Meeting Called to Order and Proxy**

Bert called the meeting to order at 9:05 am. Secretary Halterman received the following proxies prior to the meeting:

- Rob Lewis gave his proxy to Kris Leinassar to represent his 300 acres
- Mary Nuti gave her proxy to Richard Nuti to represent Six N's 662 acres
- Lura Weaver gave her proxy to Richard Nuti to represent her 175 acres

#### **Public Comment**

None Presented

#### **Consideration of Minutes of the February 3, 2021 Annual Meeting.**

Richard Nuti made a motion to approve the minutes; Peter Fenili offered a second. The vote was called for and passed unanimously.

Peter Fenili questioned why the heading on the agenda and minutes is listed as the Saroni Canal Advisory Board; GM Bryan stated it was recently brought to attention that the headings must be that way according to NRS 539.

**Consideration of minutes of April 8, 2021 Advisory Board Meeting.**

Richard Nuti made a motion to approve the minutes; Gunnar Garms offered a second. The vote was called for and passed unanimously.

**Financial Report**

Jessica stated the Fiscal Year 2021 Expenses and Revenues as well as Fiscal Year 2022 to date. The Saroni Phase 1 WaterSMART grant was completed and Phase 2 is in progress. There is a breakdown of the special assessment expense provided as well. The cash continues to go into the negative.

Steven Fulstone asked if the reimbursement from WaterSMART Phase 1 grant was received; Jessica stated WRID received the reimbursement for the BOR portion of the grant. Steven requested to know how much was reimbursed to WRID; Jessica advised the BOR portion of Phase 1 was \$61,580; the Saroni portion was \$79,154. Steven requested to know how much money was available for the match on the second grant; Jessica stated approximately \$21,000 available at the end of the year. Steven asked if that was what BOR was going to pay WRID; Jessica clarified that was the amount the Saroni would have available as match money at the end of the year. Bert stated the minimum requirement is a 50/50 cost share. The District pays 100% of the expenses during the project and then BOR's portion is requested and the Saroni's contribution covers the rest of the costs. Steven stated he was surprised it was a 50/50 share as usually it is 51/49; Bert stated the share can be changed up until an agreement has been signed. Steven confirmed that \$21,000 has been allocated for match money for the second grant; Jessica confirmed. Steven requested to know the BOR contribution on the second grant; Jessica stated the BOR contribution is approximately \$22-24,000 and Saroni portion is approximately \$31,000. Steven wanted to know if the second grant will be completed this year; Bert stated the Cardone, Wedertz #5, and the Straub would be completed this year but the work on Lateral B terminus would not be completed. Work has begun on the Cardone, Wedertz, and Straub at this point. Getting any aggregate is proving to be difficult as the suppliers are asking for at least a week lead time for any orders. Steven asked if there is enough money in the Special Assessment to cover the Saroni portion of the grant; Jessica stated there is not enough money and additional money would need to be contributed next year.

Lynne Heller asked why there was a dash on the budget page under Saroni Projects; Bert stated it is blank because the users must advise what projects they would like to get done and it is unknown how much it will cost at this point. Bert stated the Saroni had been at a certain assessment rate that allowed for projects listed on the ITRC memo to be completed. Last year the assessments were lowered and only the projects listed in the second grant were completed. Future projects will depend on what assessments are set at. The grant only covers work performed in the canal and it is unknown if there will be enough money to complete the work on Lateral B. Bert stated he recommends setting the assessments high enough to continue with projects listed on the ITRC memo.

Steven confirmed what was paid out for the first grant as BOR \$61,580 and Saroni was \$79,154. That calculates to 56% paid by Saroni and 44% BOR. Steven asked why it was a different percentage than 50/50. Bert stated the minimum is a 50/50 match; when the agreement was finalized the percentages are what BOR says they are.

### **Budget and assessments for FY2022/2023**

Jessica stated the budget proposal is provided in the packet. The figures were based on the final amounts from FY21 and to-date figures for FY22. There is also a breakdown of expenses and revenues provided in the packet. Bert stated the current assessment rates are \$11 for O&M and \$5 for a special assessment. His recommendation is to go back to the old rates of \$11 for O&M and \$10 for special assessments in order to continue with projects on the ITRC memorandum and to have money in the account for future match money. The account is currently in the red. Bert stated another WaterSMART grant cannot be applied for until all the BOR grants are completed. In the process of looking at other funding opportunities. NRCS allows irrigation districts to apply for funding, but there is not a lot of understanding on what the guidelines or requirements are. Jessica is attempting to find out if NRCS allows for single project funding or allows for a large scale project in different areas of the District. There are continual areas on Saroni that need to be addressed- above Ithurburu property, the flood bridges, etc.

Steven asked how much the WaterSMART grant number 2 was for; Jessica stated the grant agreement was for \$60,963.20. Steven requested to know how much the Saroni has spent on the grant and how much is expected to be spent; Jessica advised approximately \$2500 has been paid out for the Wedertz 5 location it is expected that approximately \$29,000 is left for the match. Steven confirmed the projects for the second grant are the 4 diversions; Bert confirmed. Steven confirmed only \$2500 has been spent on the second grant; Jessica confirmed. Steven asked how much money was saved for the WaterSMART 2 grant; Jessica stated 2399 was reserved at that point, but at the end of year the special assessment will be applied in the amount of \$31,608. Jessica stated there is a breakdown by year for the special assessment fund. Steven wanted to know if the second WaterSMART grant would be completed this year; Bert advised it would not be completed this year as it is unknown how much the 3 diversions will cost and the final report is not available from ITRC on the Lateral B terminus.

Bert advised his recommendation for the assessments is to budget enough to complete the second WaterSMART grant, bring the account out of the red, and to eventually build a reserve for future projects. Bert stated there are other projects and issues that need to be addressed. Something needs to be done to the Lateral B lower end issues from behind Trent's house to the bottom. Possibly get that section into pipe as there is approximately 1/4 mile of sand that needs to be shoveled. The gate measuring devices at Berrington, Heller, Sovereign need to be addressed.

Kris confirmed it would take two years to complete WaterSMART 2 and the \$5 assessment should cover that. Kris requested to pursue other funding opportunities as they arise. Bert stated keeping

the \$5 assessment will put the Saroni further into the red. The District has covered the Saroni before but did have an agreement on how to bring the account current. Kris asked the prediction of the cost that needs to be generated to cover the portion of grant #2; Bert stated the \$10 special assessment seemed to cover projects and any overages on repairs & maintenance.

Gunnar proposed that the users be proactive and make the special assessment \$14 and the O&M \$11 to cover the grants and to work on bringing the account into a better place.

Peter stated the Saroni was making good progress on completing necessary projects and with the change of assessments, the progress has stopped. The cost of project materials will only increase and waiting to do projects will cost more in the long run. Peter stated the shrink is too much and things can be done to make it better, but it is not going to be free. Peter advised he rode the ditch and there is a lot of areas needing improvement and it is going to cost the canal a lot of money to fix it because progress stopped.

Bert stated the gates and the concrete at the river are shot and need to be replaced. Spring Gulch water cannot be stopped, the pipe is rusted through, the gate has a gap and needs to be replaced. A small concrete headwall must be installed as well. The area above Ithurburu's property needs to be addressed as it continues to leak, a couple small gates near Robbie's need to be upgraded, the gate at Albright's needs to be replaced, and the end of Lateral B needs to be addressed soon. Bert advised to decide whether those repairs are to be taken out of O&M or if they are to be part of the special assessment.

Steven asked which projects would be special assessment projects and which ones would be O&M; Bert suggested O&M could cover headworks and the Spring Gulch problem and the flood bridges. The other projects would need an engineered report. Steven asked if ledging would be O&M; Bert stated O&M could cover that, the District is just out of space for the spoils and there is no room in the current budget to have several semi-trucks hauling material. Ledging historically occurs during the winter, but if water is stopped early, it can be done earlier. Richard asked if the special projects could be used for the headworks; Bert stated it can be under special projects. Richard suggested going with Gunnar's recommendation of \$14 for special projects. Peter stated since the fund is in the red now, it will be doubled by the end of the year and will be operating in the red like it was in the 60's.

Steven stated that \$13,000 is needed for WaterSMART 2, he agreed about the Spring Gulch and flood bridge problems being under O&M, and that money needed to be added to the special assessment. Steven advised that the Saroni would be saving on at least 1 mowing since the chemical was purchased already. Bert stated that Ralph has the chemical in stock but has not submitted the bill to the District so the chemical has not been paid for. Steven stated the \$5 assessment will cover WaterSMART grant and that a couple dollars should be added.

Steven made a motion that the regular assessment be set at \$11 per acre and the special assessment be set at \$8 per acre; Kris offered a second. The vote was called for and passed with the majority of acres represented being in favor. Jessica advised Steven and Kris represented 54% of the acres.

### **Ditch Tender Report**

Jason stated there were problems getting water delivered as there was not a lot of water in the canal at one time; it helps when users work together when ordered. Kris, Steven, Richard, and Peter let water run through to assist in getting water to the end of the canal. Some people did not order water at all or ordered only once or twice so the canal did not have the capacity. Everyone shared the shrink equally. Lynne stated she has lived in the area during good and bad years and it is hard to decide to flood with the well or to order storage and hope it gets to her takeout. She stated this year was a learning experience in when others order water. Jason stated the improvements at the Main helped, the Nuti/Fenili takeouts made an improvement, and any progress seems to help with the operation. Jason stated he will not be burning anything until it is close to the irrigation season in attempt to save money. Peter suggested everyone work together so all users have the same right to get their water; there is a lot of lost water because it takes so long to get the water to the end if no one else orders. Jason thanked the decree holders that gave up a day of irrigation to get the ditch wet. Lynne asked what the decision was from last year when there were questions about the water having to get to the end before deliveries are made; Jessica stated the minutes were changed to 'the ditch is being operated as it has historically been operated.' Jason asked if anyone had any questions, qualms, or complaints and none were heard. Jason reminded everyone that materials are increasing in price but his wage has stayed the same for a few years.

Don asked if a user could switch between surface and well water; Bert stated the State likes to see that surface water is used before using the well, but if the user does not pump more than permitted, there usually are not any problems.

### **Planned upcoming scheduled maintenance and projects**

Bert advised the projects planned so far are Wedertz #5, Cardone, and Straub each with an instream device. The crews will burn toward the end of the off season and the Conservation District will spray the pre-emergent in the spring. Bert will do as much as possible given the financial constraint and will stick to areas of high concern. The bottom of Lateral B will need to be cleaned. The pipe project at Lateral A may proceed, but pipe is approximately 2-3 months out on getting it delivered. Bert stated he will hold off on river gates and Spring Gulch and will remove any rocks that fall from the ledging areas. Unless the forecast significantly changes, only minimal work will be done one Desert Creek or the drain. There were complaints on the drain near Kari Lane so that section was burned earlier in the year.

Peter requested to know what kind of gates were being considered for the headworks; Bert stated just a typical sluice gate and replace the concrete. The stem and wheels can be reused if they are in good shape.

### **Election of Advisory Board Members**

Richard Nuti, Rob Lewis, and Kris Leinassar's positions are up for election. Marianne Leinassar made a motion to retain the same members; Steven Fulstone offered a second. The vote was called for and passed unanimously.

### **Public Comment**

None presented.

### **Adjournment**

Peter Fenili made a motion to adjourn; Gunnar Garms offered a second. The meeting was adjourned at 10:25 am.



<b>July 1, 2021 - June 30, 2022 (FY22)</b>
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<u>Expenses:</u>	<u>Budget</u>	<u>Actual</u>	<u>Difference</u>
Salaries & Wages	\$ 13,600	\$ 14,800	\$ (1,200)
Industrial Insurance (WC)	\$ 750	\$ 523	\$ 227
Fuel, Oil, Grease	\$ 3,000	\$ 1,396	\$ 1,604
Repair & Maintenance	\$ 20,000	\$ 12,063	\$ 7,937
Supplies & Small Tools	\$ 500	\$ -	\$ 500
Miscellaneous	\$ 557	\$ -	\$ 557
Telephone/ Cell Phone	\$ 800	\$ 144	\$ 656
Legal Counsel	\$ 2,000	\$ -	\$ 2,000
Computer Expense	\$ 1,000	\$ 160	\$ 840
Payroll Taxes	\$ 1,250	\$ 1,354	\$ (104)
Surveying/Engineering	\$ -	\$ 4,341	\$ (4,341)
Saroni Projects	\$ 19,795	\$ 38,727	\$ (18,932)
Ditch Vehicle Expense	\$ 1,000	\$ -	\$ 1,000
Interfund Labor Expense	\$ -	\$ 10,990	\$ (10,990)
	\$ 64,252	<b>\$ 84,498</b>	\$ (20,246)

<u>Revenues:</u>			
O & M General	\$ 43,549	\$ 43,657.00	\$ 108
Special Assessment	\$ 19,795	\$ 21,386.00	\$ 1,591
	\$ 63,344	<b>\$ 65,043</b>	\$ 1,699

Revenue	<b>\$ 65,043</b>
Expenses	<b>\$ 84,498</b>
	<b>\$ (19,455)</b>

<b>Saroni Fund Cash Balance 6/30/2022: -\$145,845.29</b>
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Cash Balance History:

6/30/2018	\$ 16,193.17
6/30/2019	\$ (50,972.26)
6/30/2020	\$ (85,598.35)
6/30/2021	\$ (126,708.95)
6/30/2022	\$ (145,845.29)

**BOR Saroni WaterSMART Phase 1**

Total Grant Award: \$ 150,950.00

BOR Cultural Study Deduction \$ 10,216.00

BOR Match \$ 61,580.00

Saroni Match \$ 79,154.00

Expenses:

Materials \$ 124,924.75

Labor \$ 54,436.00

Total Expenses \$ 179,360.75

Match Breakdown

Total Grant Expenses \$ 179,360.80

BOR Match \$ 61,580.00

Saroni Match \$ 79,154.00

**Remaining cost to Saroni \$ 38,626.80****BOR Saroni WaterSMART Phase 2**

Total Grant Award: \$ 60,963.20

BOR Cultural Study Deduction \$ 5,321.96

BOR Match \$ 23,550.00

Saroni Match \$ 31,091.24

Expenses:

Materials \$ 29,221.51

Labor \$ 53,193.00

Total Expenses \$ 82,414.51

Match Breakdown

Total Grant Expenses \$ 82,414.51

BOR Match \$ 23,550.00

Saroni Match \$ 31,091.24

**Remaining cost to Saroni \$ 27,773.27**

Walker River Irrigation District  
Posted General Ledger Transactions

July 2021 Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
7/28/2021	5010	Labor	\$ 1,700.00		Jason Milligan	Payroll
7/28/2021	5030	Worker's Comp. Insurance	\$ 82.28		Jason Milligan	Payroll
7/28/2021	5280	Payroll Taxes	\$ 130.05		Jason Milligan	Payroll
		<b>Expenses</b>	<b>\$ 1,912.33</b>			
		<b>Revenues</b>		<b>\$ -</b>		

Running Fiscal Year Totals:

Revenues	\$	-
Expenses	\$	(1,912.33)
	\$	<u>(1,912.33)</u>

Walker River Irrigation District  
Posted General Ledger Transactions

August Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
8/9/2021	5270	Computer Expense	\$ 12.50		Wells Fargo Card Services	Email/Computer Charge-Jun
8/17/2021	4020	Assessment Revenue		\$ 639.98	Walker Basin Conservancy	FY22 Reserved Assessments- WBC
8/18/2021	6002	Saroni Project	\$ 7,119.30		Briggs Manufacturing, Inc.	Wedertz #5, Straub, Cardone Gates
8/24/2021	4020	Assessment Revenue		\$ 200.00	Gary Garms	FY22 Reserved Assessments- Garms
8/27/2021	4020	Assessment Revenue		\$ 25.74	Fulstone, Steven A	FY22 Reserved Assessments- Fulstone
8/27/2021	5010	Labor	\$ 1,700.00		Jason Milligan	Payroll
8/27/2021	5030	Worker's Comp. Insurance	\$ 82.28		Jason Milligan	Payroll
8/27/2021	5280	Payroll Taxes	\$ 130.05		Jason Milligan	Payroll

**Expenses**

**\$ 9,044.13**

**Revenues**

**\$ 865.72**

Running Fiscal Year Totals:

Revenues	\$	865.72
Expenses	\$	(10,956.46)
	\$	<b>(10,090.74)</b>

Walker River Irrigation District  
Posted General Ledger Transactions

September Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
9/7/2021	5270	Computer Expense	\$ 22.50		Wells Fargo Card Services	Email/Computer/Internet-Jul
9/14/2021	5150	Telephone	\$ 13.68		Verizon Wireless	July
9/22/2021	5060	Fuel, Oil and Grease	\$ 389.54		MF Barcellos	ACCT WALRIV
9/28/2021	5010	Labor	\$ 1,700.00		Jason Milligan	Payroll
9/28/2021	5030	Worker's Comp. Insurance	\$ 82.28		Jason Milligan	Payroll
9/28/2021	5280	Payroll Taxes	\$ 130.05		Jason Milligan	Payroll
9/30/2021	4020	Assessment Revenue		\$ 640.00	Walker Basin Conservancy	FY22 Reserved Assessments- WBC
		<b>Expenses</b>	<b>\$ 2,338.05</b>			
		<b>Revenues</b>		<b>\$ 640.00</b>		

Running Fiscal Year Totals:

Revenues	\$	1,505.72
Expenses	\$	(13,294.51)
	\$	<u>(11,788.79)</u>

Walker River Irrigation District  
Posted General Ledger Transactions

October Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
10/8/2021	4020	Assessment Revenue		\$ 200.00	Garms Trust	FY22 Reserved Assessments- Garms
10/12/2021	5150	Telephone	\$ 46.01		Verizon Wireless	August
10/12/2021	5270	Computer Expense	\$ 22.50		Wells Fargo Card	Email/Computer/Internet- Aug
10/20/2021	4020	Assessment Revenue		\$ 11,513.35	Lyon County	FY21 Assessments- Lyon County July & August
10/27/2021	5070	Repairs and Maintenance	\$ 257.04		Stanislaus Farm Supply	ACCT 10781
10/28/2021	5010	Labor	\$ 1,700.00		Jason Milligan	Payroll
10/28/2021	5030	Worker's Comp. Insurance	\$ 82.28		Jason Milligan	Payroll
10/28/2021	5280	Payroll Taxes	\$ 130.05		Jason Milligan	Payroll
		<b>Expenses</b>	<b>\$ 2,237.88</b>			
		<b>Revenues</b>		<b>\$ 11,713.35</b>		

Running Fiscal Year Totals:

Revenues	\$	13,219.07
Expenses	\$	(15,532.39)
	\$	(2,313.32)

Walker River Irrigation District  
Posted General Ledger Transactions

November Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
11/8/2021	5270	Computer Expense	\$ 22.50		Wells Fargo Card Services	Computer/Email/Internet- Sep
11/29/2021	5150	Telephone	\$ 20.93		Verizon Wireless	September
<b>Expenses</b>			<b>\$43.43</b>			
<b>Revenues</b>				<b>\$ -</b>		

Running Fiscal Year Totals:

Revenues	\$	13,219.07
Expenses	\$	(15,575.82)
	\$	<b>(2,356.75)</b>

Walker River Irrigation District  
Posted General Ledger Transactions

December Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
12/1/2021	5150	Telephone	\$ 20.92		Verizon Wireless	October
12/1/2021	5270	Computer Expense	\$ 12.50		Wells Fargo Card Services	Email/Computer Charge-Oct
12/29/2021	5070	Repairs and Maintenance	\$ 325.04		MF Barcellos	ACCT WALRIV
		<b>Expenses</b>	<b>\$ 358.46</b>			
		<b>Revenues</b>		<b>\$ -</b>		
Running Fiscal Year Totals:						
					Revenues \$	13,219.07
					Expenses \$	(15,934.28)
					<b>\$</b>	<b>(2,715.21)</b>



Walker River Irrigation District  
Posted General Ledger Transactions

January Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
1/4/2022	4020	Assessment Revenue		\$ 640.00	Walker Basin Conservancy	FY22 Reserved Assessments- WBC
1/12/2022	4020	Assessment Revenue		\$ 200.00	Gary Garms	FY22 Reserved Assessments- Garms
1/28/2022	5280	Payroll Taxes	\$ 76.50		Nevada Employment Security	Q3/2021 Quarterly Taxes
1/28/2022	5280	Payroll Taxes	\$ 25.50		Nevada Employment Security	Q4/2021 Quarterly Taxes
<b>Expenses</b>			<b>\$ 102.00</b>			
<b>Revenues</b>				<b>\$ 840.00</b>		

Running Fiscal Year Totals:

Revenues	\$	14,059.07
Expenses	\$	(16,036.28)
	\$	(1,977.21)

Walker River Irrigation District  
Posted General Ledger Transactions

February Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
2/14/2022	5060	Fuel, Oil and Grease	\$ 258.62		MF Barcellos	ACCT 84040
2/14/2022	5160	Engineering Expense	\$ 18,964.25		Cal Poly Corporation / ITRC	TIME & EXPENSES FROM 2/1-9/3/21
2/17/2022	1711	Assessments Receivable - 1 year		\$ 0.17	Lyon County	FY22 Lyon County Assessments- September
2/17/2022	1711	Assessments Receivable - 1 year		\$ 105.00	Lyon County	FY22 Lyon County Assessments- January
2/17/2022	4020	Assessment Revenue		\$ 9,320.80	Lyon County	FY22 Lyon County Assessments- October
2/17/2022	4020	Assessment Revenue		\$ 9,680.49	Lyon County	FY22 Lyon County Assessments- September
2/17/2022	4020	Assessment Revenue		\$ 559.92	Walker Basin Conservancy	FY22 Reserved Assessments- WBC
2/17/2022	4020	Assessment Revenue		\$ 10,687.16	Lyon County	FY22 Lyon County Assessments- January
2/17/2022	4020	Assessment Revenue		\$ 5,319.96	Lyon County	FY22 Lyon County Assessments- December
2/17/2022	4020	Assessment Revenue		\$ 631.79	Lyon County	FY22 Lyon County Assessments- November
2/25/2022	4140	Ditch Company Revenue		\$ 286.25	User Project Reimbursement	AR
2/25/2022	4140	Ditch Company Revenue		\$ 1,532.50		AR
<b>Expenses</b>			<b>\$19,222.87</b>			
<b>Revenues</b>				<b>\$38,124.04</b>		

CalPoly Breakdown		
Fenili-Nuti Turnout	\$ 286.25	User(s) reimbursed
Weaver-Nuti Turnout	\$ 1,532.50	
Cardoni Turnout	\$ 6,277.80	\$14,623.00 was available to use towards WaterSMART II grant (adjustment to expense was made in June)
Carrasco Christof Turnout	\$ 712.00	
Main Turnout	\$ 933.75	
Straub Turnout	\$ 2,928.17	
Wedertz #5 Turnout	\$ 4,483.28	
Lateral B Headworks	\$ 1,810.50	
	\$ 18,964.25	

Running Fiscal Year Totals:

Revenues	\$	52,183.11
Expenses	\$	(35,259.15)
	\$	16,923.96

Walker River Irrigation District  
Posted General Ledger Transactions

March Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
3/9/2022	4020	Assessment Revenue		\$ 200.00	Gary Garms	FY22 Reserved Assessments- Garms
3/9/2022	4020	Assessment Revenue		\$ 99.51	Lyon County	FY22 Assessments- Lyon County Feb
3/14/2022	5070	Repairs and Maintenance	\$ 251.40		Sticks and Stones Buildings Material Inc	ACCT WRID
3/14/2022	5070	Repairs and Maintenance	\$ 358.31		MF Barcellos	ACCT 84040
3/29/2022	5010	Labor	\$ 2,000.00		Jason Milligan	Payroll
3/29/2022	5030	Worker's Comp. Insurance	\$ 96.80		Jason Milligan	Payroll
3/29/2022	5280	Payroll Taxes	\$ 153.00		Jason Milligan	Payroll
		<b>Expenses</b>	<b>\$ 2,859.51</b>			
		<b>Revenues</b>		<b>\$ 299.51</b>		

Running Fiscal Year Totals:

Revenues	\$	52,482.62
Expenses	\$	(38,118.66)
	\$	<u>14,363.96</u>

Walker River Irrigation District  
Posted General Ledger Transactions

April Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
4/15/2022	4020	Assessment Revenue		\$ 8,878.84	Lyon County	FY22 Assessments- Lyon County March
4/27/2022	5010	Labor	\$ 2,000.00		Jason Milligan	Payroll
4/27/2022	5030	Worker's Comp. Insurance	\$ 96.80		Jason Milligan	Payroll
4/27/2022	5280	Payroll Taxes	\$ 153.00		Jason Milligan	Payroll
4/28/2022	5060	Fuel, Oil and Grease	\$ 557.44		MF Barcellos	ACCT 84040
4/28/2022	5280	Payroll Taxes	\$ 30.00		Nevada Employment Security Division	EMPLOYER 6253000 Q1/2022
<b>Expenses</b>			<b>\$ 2,837.24</b>			
<b>Revenues</b>				<b>\$ 8,878.84</b>		

Running Fiscal Year Totals:

Revenues	\$	61,361.46
Expenses	\$	(40,955.90)
	\$	<u>20,405.56</u>

Walker River Irrigation District  
Posted General Ledger Transactions

May Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
5/11/2022	5070	Repairs and Maintenance	\$ 2,340.39		Smith Valley Conservation District	SARONI CANAL
5/11/2022	5270	Computer Expense	\$ 22.50		Wells Fargo Card Services	Email/Computer/Internet- Mar
5/16/2022	4020	Assessment Revenue		\$ 3,599.99	Lyon County	FY22 Assessments- Lyon County April
5/25/2022	5010	Labor	\$ 2,000.00		Jason Milligan	Payroll
5/25/2022	5030	Worker's Comp. Insurance	\$ 96.80		Jason Milligan	Payroll
5/25/2022	5280	Payroll Taxes	\$ 153.00		Jason Milligan	Payroll
		<b>Expenses</b>	<b>\$ 4,612.69</b>			
		<b>Revenues</b>		<b>\$ 3,599.99</b>		
Running Fiscal Year Totals:						
				Revenues	\$	64,961.45
				Expenses	\$	(45,568.59)
					\$	19,392.86

Walker River Irrigation District  
Posted General Ledger Transactions

June Revenues & Expenses

Posted Date	GL Code	GL Title	Debit	Credit	Name	Document Description
6/1/2022	5150	Telephone	\$ 42.20			To record Verizon Wireless payment
6/7/2022	5070	Repairs and Maintenance	\$ 75.09		Mason Valley Equipment	ACCT YWAL97
6/9/2022	4020	Assessment Revenue		\$ 47.50	Lyon County	FY22 Assessments- Lyon County May
6/13/2022	5060	Fuel, Oil and Grease	\$ 189.93		MF Barcellos	ACCT 84040
6/13/2022	5070	Repairs and Maintenance	\$ 7,594.75		Cal Poly Corporation / ITRC	EXPENSES FROM SEPT 4, 2021 TO MARCH 23, 2022
6/13/2022	5160	Engineering Expense	\$ (14,623.00)			To correct coding on CalPoly bill 2/14/22
6/13/2022	5270	Computer Expense	\$ 22.50		Microsoft & Spectrum	Email/Computer/Internet Charge-Apr
6/13/2022	5510	Interfund Labor Expense	\$ 840.00			September 2021 Interfund
6/13/2022	5510	Interfund Labor Expense	\$ 875.00			November 2021 Interfund
6/13/2022	5510	Interfund Labor Expense	\$ 3,010.00			December 2021 Interfund
6/13/2022	5510	Interfund Labor Expense	\$ 2,520.00			January 2022 Interfund
6/13/2022	5510	Interfund Labor Expense	\$ 2,835.00			March 2022 Interfund
6/13/2022	5510	Interfund Labor Expense	\$ 630.00			May 2022 Interfund
6/21/2022	6002	Saroni Project	\$ 32,552.40			Saroni Canal Contribution to Saroni Phase 2
6/22/2022	6002	Saroni Project	\$ (945.00)			To make correction from Fund 04 to Fund 18/17 labor
6/27/2022	5010	Labor	\$ 2,000.00		Jason R. Milligan	Payroll
6/27/2022	5030	Worker's Comp. Insurance	\$ 96.80		Jason R. Milligan	Payroll
6/27/2022	5280	Payroll Taxes	\$ 153.00		Jason R. Milligan	Payroll
6/27/2022	5280	Payroll Taxes	\$ 90.00		Nevada Employment Security Division	Q2/2022 Quarterly Taxes
6/30/2022	5070	Repairs and Maintenance	\$ 861.02		Smith Valley Conservation District	Saroni Spraying
6/30/2022	4020	Assessment Revenue		\$ 33.81	Fulstone, Steven A	FY20 Reserved Assessments- Fulstone
6/30/2022	5030	Worker's Comp. Insurance	\$ (193.60)			Worker's Comp Reimbursement Adjustment
6/30/2022	5270	Computer Expense	\$ 22.50		Wells Fargo Card Services	Email/Computer/Internet Charge-May
6/30/2022	5510	Interfund Labor Expense	\$ 280.00			June 2022 Interfund
<b>Expenses</b>			<b>\$ 38,928.59</b>			
<b>Revenues</b>				<b>\$ 81.31</b>		

Running Fiscal Year Totals:

Revenues	\$	65,042.76
Expenses	\$	(84,497.18)
	\$	(19,454.42)

## Saroni Special Project Fund Expense Breakdown

	2017/18	2018/19	2019/20	2020/21	2021/22
Lateral A Instream Device Weaver Turnout Modification					
Ledging and Cleaning					
Four Point engineering					
Interfund Labor/Equipment					
Repairs to Saroni Headworks					
MF Barcellos					
Reshaping of Canal					
De-Mossing/Spraying/Burning/Grading					
Smith Valley Conservation		11,678.98			
Cleaning Flood Bridges					
Spillback Replacement					
Yerington Ready Mix	2,477.63				
Associated Concrete	3,293.33				
Hunewill Construction	2,329.82				
Interfund Labor/Equipment	13,552.00				
Long Crested Weir on Canal Road	O&M				
Garms Turnout Upgrade	Private Pay				
Instream Weir on Lat B					
Associated Concrete	1,325.89				
Desert Engineering	303.16				
Hunewill Construction	2,809.87				
Associated Concrete	2,391.90				
Interfund Labor/Equipment	3,804.00				
Desert Creek Safety Valve					
Rosse					
Grooming E of Hwy 338	O&M				
Desert Creek Maintenance					
Hunewill Construction	185.42				
Interfund Labor/Equipment		1,225.00			
Saroni Drain Maintenance					
Interfund Labor		1,344.00			
ITRC Loss Study		23,326.82			
Lateral A Pipeline *Canal Charge					
Interfund Labor/Equipment		3,878.00			
Weaver Headgate		Private Pay			
Burns' Pipeline			Grant Match		
Flood Bridge			52,276.00		
Christof/Carrasco					
Nuti/Fenili Turnouts				Private Pay	
Main In-Stream Device & Turnout				Grant Match	
Saroni Conveyance Loss Study w/ ITRC				36,971	
Spraying				O&M	
Burned Canal				O&M	
Graded Roads				O&M	
Devices for WaterSMART 2					7,119.30
Match for WaterSMART 2					31,607.40
	\$ 32,473.02	\$ 41,452.80	\$ 52,276.00	\$ 36,971.00	\$ 38,726.70

<b>Special Assessment Balance</b>	<b>\$ (113,382.00)</b>
<b>7/1/13</b>	
2013/14 Revenue	\$ 56,693.00
Balance 6/30/14	\$ (56,689.00)
2014/15 Revenue	\$ -
2014/15 Expense	\$ -
Balance 6/30/15	\$ (56,689.00)
2015/16 Revenue	\$ 39,523.00
2015/16 Expense	\$ (19,807.30)
Balance 6/30/16	\$ (36,973.30)
2016/17 Revenue	\$ 39,370.00
2016/17 Expense	\$ (6,697.00)
Balance 6/30/17	\$ (4,300.30)
2017/18 Revenue	\$ 39,370.00
2017/18 Expense	\$ (32,473.02)
Balance 6/30/18	\$ 2,596.68
2018/19 Revenue	\$ 39,370.00
2018/19 Expense	\$ (41,452.80)
Balance 6/30/19	\$ 513.88
2019/20 Revenue	\$ 39,370.00
2019/20 Expense	\$ (52,276.00)
Balance 6/30/20	\$ (12,392.12)
2020/21 Revenue	\$ 39,370.00
2020/21 Expense	\$ (36,971.00)
Balance 6/30/21	\$ (9,993.12)
2021/22 Revenue	\$ 21,386.00
2021/22 Expense	\$ (38,726.70)
Balance 6/30/22	\$ (27,333.82)
2022/23 Revenue (expected)	\$ 31,608.00
2022/23 Expense (expected)	Unknown

Check & Balance:  
 \$(113,382.00) Beginning Balance  
 \$ 314,452.00 Revenue  
 \$(228,403.82) Total Special Assmnt Charge  
 \$ (27,333.82)

**NOTE: The WaterSMART 2 grant has been fully expended. Any additional work performed as outlined in the grant will come from the Saroni Special Assessment fund and there will be no cost share with BOR.**







Company Headquarters  
624 E. Service Rd.  
Modesto, CA 95358  
(800) 323-0725  
Fax (209) 541-3191

Shipping Via.

**Invoice****601077046**

**Bill To:** Walker River Irrigation  
PO Box 820  
Yerington, NV 89447

**Invoice Date** 10/14/2021  
**Due Date** 11/25/2021

**Customer ID** 10781

**Salesperson** NV02  
**Shipping Loc.** 6001

WRID

OCT 20 '21 RECEIVED

AM 11:31

**Ship To:** Walker River Irrigation  
PO Box 820  
Yerington, NV 89447

**Comments:** CPU by Robert

Quantity	Description	Unit Price	Total \$
2.000 Each+ (2.000 1E)	Behlen Gate Galv 10" x 50" 1-5/8" 6RL 20GA Behlen Country	120.00 /Each	240.00

5070-17  
~~5070-17~~  
Cardone  
RCB

PLEASE SEE REVERSE SIDE FOR LOCATIONS, TERMS AND CONDITIONS, AND RETURN POLICY

Terms: Standard Terms: invoices are due the 25th of the following month unless the invoice reflects a different option with the due dates and discounts shown.

Sub Total	240.00
Sales Tax	17.04
<b>Amount Due</b>	<b>257.04</b>

(+Denotes taxable items)

Transaction: 601566676

**Remit To:** Stanislaus Farm Supply  
P.O. Box 31001-0821  
Pasadena CA 91110-0821  
Phone #: 209-541-3173

Recommendation Was Made By or Provided to the Seller. Yes No  
**Walker River Irrigation**

**Invoice****601077046**



**BRIGGS MFG, INC.**

PO Box 45  
2286 County Road N  
Willows, CA 95988

**Invoice****20210547**

8/11/2021

**Bill To**

Walker River Irrigation District  
410 N Main St  
PO Box 820  
Yerington, NV 89447

**Ship To**

Jessica (775)463-3523  
Grant View Drive and Saroni Road in  
Smith, NV 89430

S.O. Number    P.O. Number    Terms    Phone Number-Contact

2021148

Description	Ordered	Unit	Prev. Inv.	B. O.	Invoiced	Rate	Amount
Tail Wall with Sloped Walls 48" X 96" C10 5'-24" Female End (Invert 6" Off Floor)	2		0	0	2	720.00	1,440.00
GCID Stilling well 12" Dia. x 8' H with Lid & C10 set up	2		0	0	2	420.00	840.00
Waterman Screwgate C10FB Galvanized Frame 9.5' X 24"	2		0	0	2	1,657.19	3,314.38
Twin Track™ Weir 4' W X 4' H 5'-24" Male End	2		0	0	2	595.00	1,190.00
24" Galvanized Toggle Gate SS 46.0#	2		0	0	2	489.44	978.88
24" ADS N-12 WT ASTM Bell & Gasket	20	4@5' Male and Female	0	0	20	22.38	447.60
Tail Wall with Sloped Walls 48" X 96" C10 5'-18" WT (Invert 6" Off Floor)	1		0	0	1	720.00	720.00
GCID Stilling well 12" Dia. x 8' H with Lid & C10 set up	1		0	0	1	420.00	420.00
Waterman Screwgate C10FB Galvanized Frame 9.5' X 18"	1		0	0	1	1,284.57	1,284.57
Twin Track™ Weir 4' W X 4' H 5'-18" Male End	1		0	0	1	595.00	595.00
18" Galvanized Toggle Gate SS 30.5#	1		0	0	1	323.03	323.03
18" ADS N-12 WT ASTM Bell & Gasket	10		0	0	10	13.75	137.50
Freight	1		0		1	2,000.00	2,000.00

BoR-Saroni ph2  
6002-17 7119.30  
6012-004 6571.66  
RCB

connected 10/11/21  
to be billed  
to Wader #5  
Shrub: Cardone  
fund 18

WRID  
AUG 16 '21 RECEIVED  
PM 12:40

(530) 934-2663 concrete@willows.net www.briggsconcrete.com

Accounts are due 30 days from purchase.

A finance charge of 2% per month will be charged on past due accounts.

Subtotal \$13,690.96

Sales Tax (0.0%) \$0.00

Total \$13,690.96

Payments/Credits \$0.00

Balance Due \$13,690.96

REV



### **Saroni Canal Recent Projects, Repairs and Maintenance 2021-2022**

- *Wedertz #5 & In-Stream Device (Grant & User)*
- *Cardone & In-Stream Device (Grant & User)*
- *Straub & In-Stream Device (Grant & User)*
- *Lateral A Pipeline (Users)*
- *Saroni Conveyance Loss Study with ITRC*
- *Sprayed Canal from top to bottom & Laterals*
- *One De-Mossing*
- *Excavator Rake Bucket De-Mossing*
- *Burned Canal*
- *Graded Roads from top to bottom*

### **Saroni Canal Upcoming Scheduled Projects, Repairs and Maintenance 2022-2023 and Beyond**

- *Repairs to leaking concrete sections in Hoye Canyon & above Verboom's*
- *Repairs to Old River Headworks*
- *Replacement of Spring Gulch gate and pipeline*
- *New In-Stream at the Terminus of Canal & Lateral B*
- *New Turnouts and Measuring Devices @ Lateral B Gates (Heller, Berrington-Blackford, Soverign)*
- *Repairs and permanent solution for end of Lateral B*
- *New Turnout and Measuring Device @ Albright*
- *New Turnout and Measuring Device @ Dryer #3*
- *Flood Wash Bridge Replacements*
- *Saroni Conveyance Loss Study with ITRC*
- *De-Moss Canal*
- *Spray Road & Canal*
- *Grade Roads*
- *Clean Desert Creek & Saroni Drain*



## **Saroni Canal Protocols for Yearly De-Mossing**

- Option 1: De-Moss two times every year if it's a poor to average water year but three times if it is an above average year.
- Option 2: If there is a reason to not De-Moss then the Canal must be turned off for a few days when needed and no exceptions.
- Option 3: Mechanically remove moss when De-Mossing is not possible.
- Option 4: Let the District just decide based on what works best for cost and operations on the Canal.
- Option 5: Other suggestions.

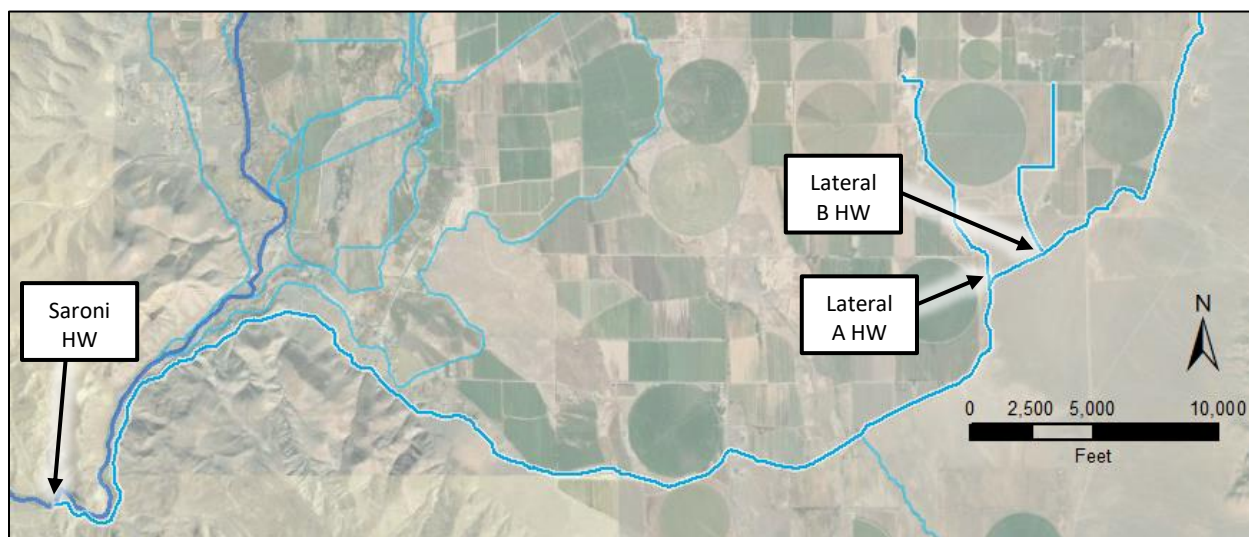


Date: 2 November 2021  
 To: Bert Bryan, General Manager – WRID  
 From: Dr. Stuart Styles, P.E., Director – ITRC  
 Sierra Layous, P.E., Senior Engineer – ITRC  
 Subject: **Walker River Irrigation District**  
**Saroni Canal Flow Data (Telog, FlowTracker, SCADA) 2016 to 2020 – Summary**

ITRC is working on behalf of Walker River Irrigation District (WRID) to analyze Telog, FlowTracker, and SCADA data along canals in WRID from 2016 to present. On the Saroni Canal, data was analyzed from 2016 to 2020 from the canal headworks to Lateral A and Lateral B. These three sites all have Replogle flumes that have been surveyed and calibrated with as-built dimensions.

The distance from the Saroni Canal Headworks to the Saroni Lateral A Headworks is approximately 40,300 ft (7.6 mi). The distance in the Saroni Canal from the Lateral A Headworks to the Lateral B Headworks is approximately 2,000 ft (0.4 mi).

The analysis found an average annual change in flow from the Saroni Headworks to Laterals A and B of **approximately 56 percent**. Based on the length of the canal section analyzed, this translates to an average annual change in flow from the Saroni Headworks to Laterals A and B of **approximately 0.07 CFS per CFS delivered per mile of canal**.



**Figure 1. Aerial view of Saroni Canal showing headworks and laterals**

Average daily flow rates were averaged on monthly and annual timescales. Daily data availability is shown in Figure 3. As there are gaps in the data, averaging was used to minimize the impact of the gaps. Summation of the data (rather than averaging of available data) would be distorted when one (or more, but not all) of the sites is missing data on a day. Rather than exclude all sites on any day that was missing data from at least one of the sites, averaging of the available data over each timescale was used.

#### IRRIGATION TRAINING & RESEARCH CENTER

California Polytechnic State University  
 San Luis Obispo, CA 93407-0730  
 Phone: 805.756.2434 FAX: 805.756.2433 [www.itrc.org](http://www.itrc.org)

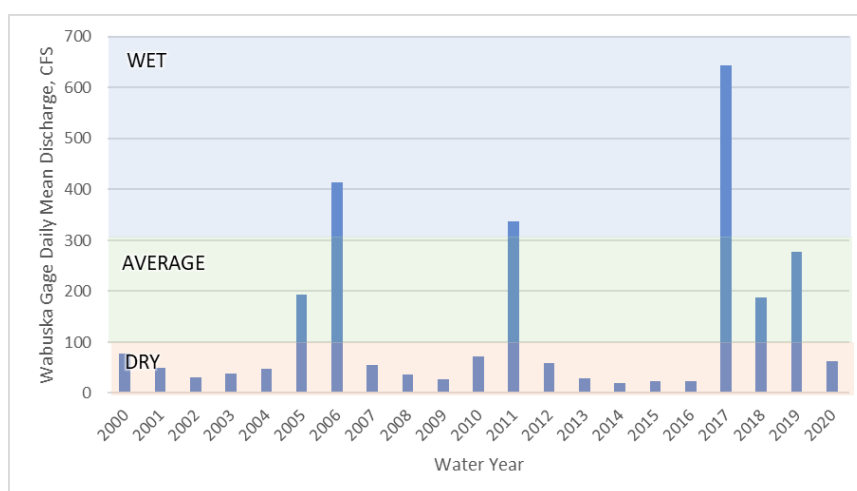
Data was summarized monthly for March to October of each year from 2016 to 2020 as the average of all available daily average flow rates during a given month. The monthly average flow rate at the sites were compared to determine the average annual change in flow rate. Additionally, data was summarized annually from 2016 to 2020 as the average of all available daily average flow rates from March to October. The annual average flow rate at the sites were compared to determine the average annual change in flow rate.

Note that the values are percent change in flow rate, as no turnout flow rates were considered in this analysis. The change in flow rate includes turnout diversions, seepage, evaporation, phreatophyte ET, etc.

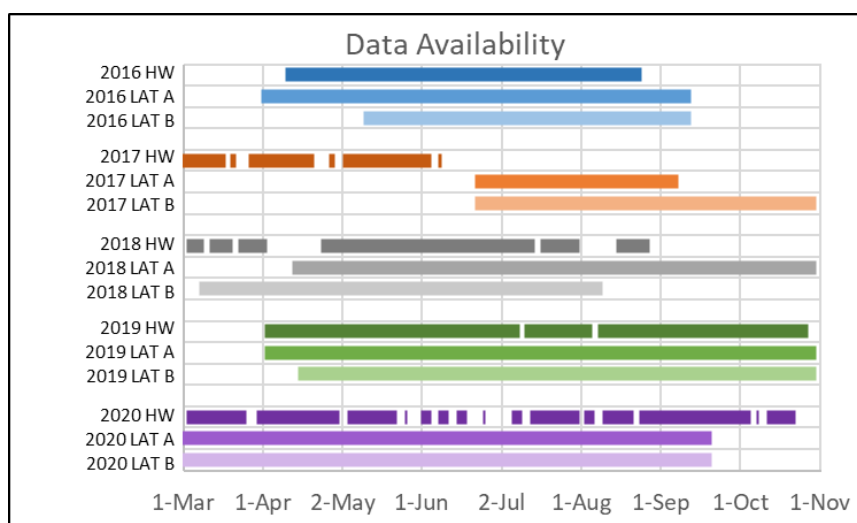
The water years were rated as wet, average, or dry based on flows past the Wabuska Gage.

**Table 1. Water year type for years analyzed**

2016	2017	2018	2019	2020
Dry	Wet	Average	Average	Dry

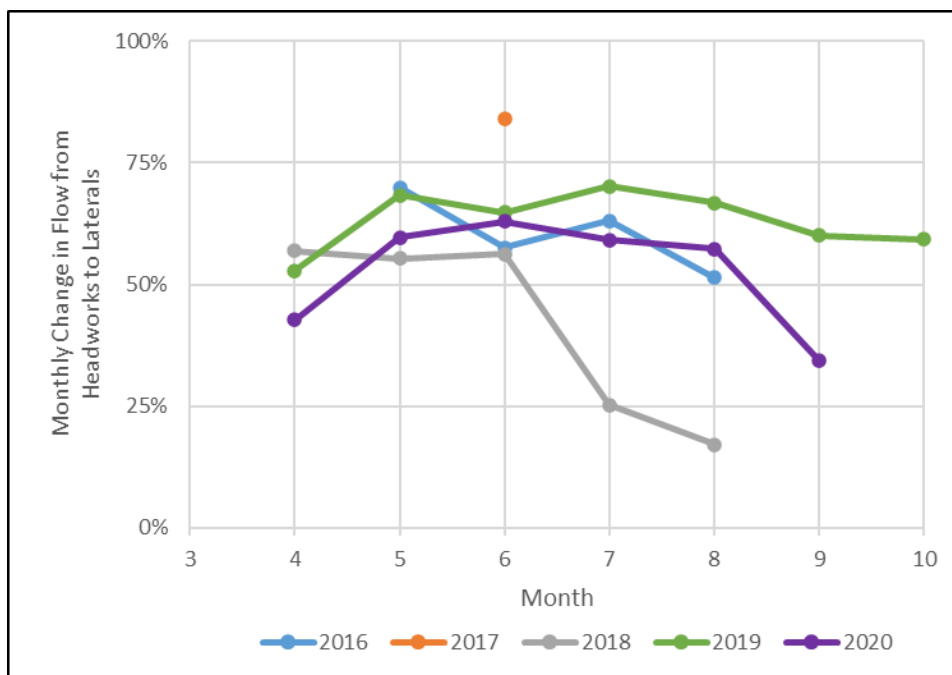


**Figure 2. Daily mean discharge past the Wabuska Gage, 2000 to 2020**

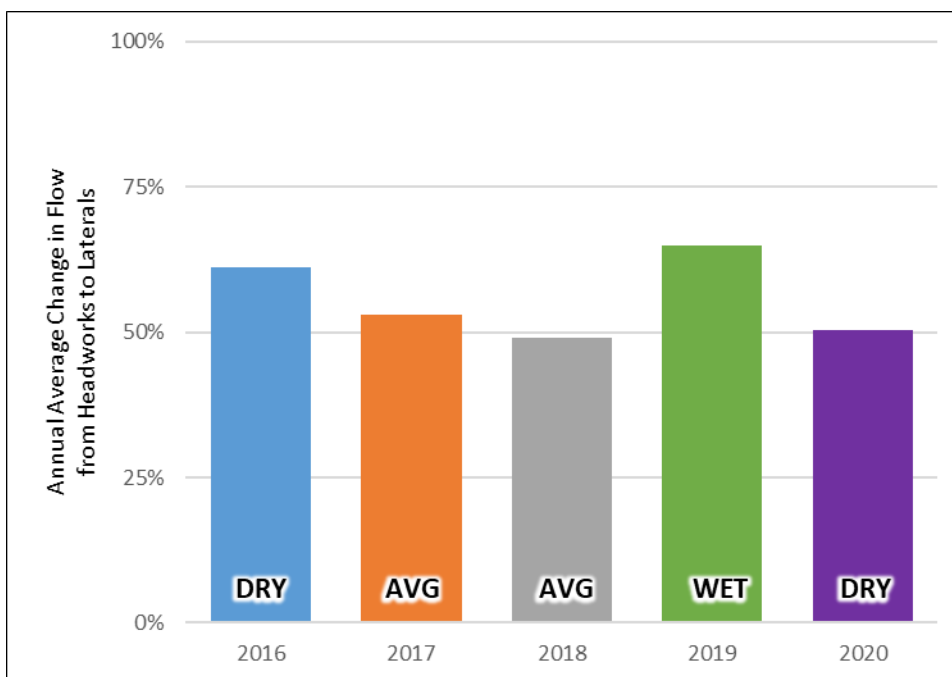


**Figure 3. Daily data availability by site**

The following two graphs show the monthly and annual change in flow rate from the headworks to the laterals as a percent of the flow at the headworks.



**Figure 4. Monthly change in flow (as a percent) from the Saroni Headworks to Laterals A and B (based on monthly averages of available daily data)**



**Figure 5. Annual (March 1 to Oct 31) average change in flow (as a percent of the headworks flow rate) from the Saroni Headworks to Laterals A and B (based on annual averages of available daily data)**

The following two graphs show the monthly and annual change in flow rate from the headworks to the laterals as change in CFS per mile of canal. This is not weighted by the diversion amount, and so it is heavily affected by the water year type (e.g. wet years have higher flows, and therefore have higher deliveries and losses).



Figure 6. Monthly average change in flow (CFS per mile of canal) from the Saroni Headworks to Laterals A and B (based on monthly averages of available daily data)

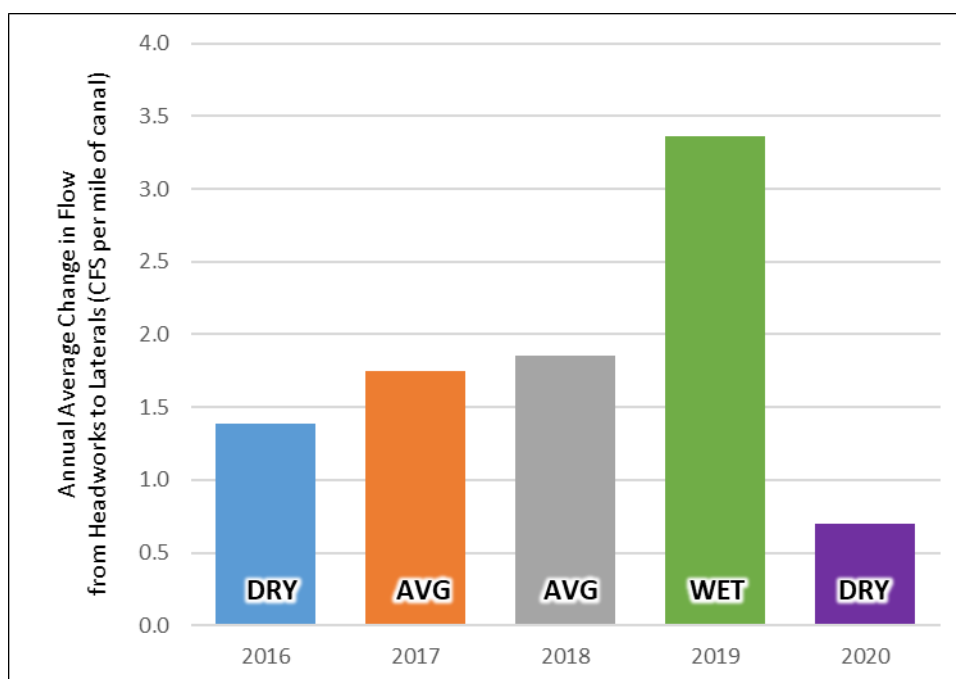


Figure 7. Annual average change in flow (CFS per mile of canal) from the Saroni Headworks to Laterals A and B (based on monthly averages of available daily data)



The following two graphs show the monthly and annual change in flow rate from the headworks to the laterals as change in CFS per CFS diverted at the headworks per mile of canal. This is weighted by the diversion amount, and so it is not very affected by the water year type.

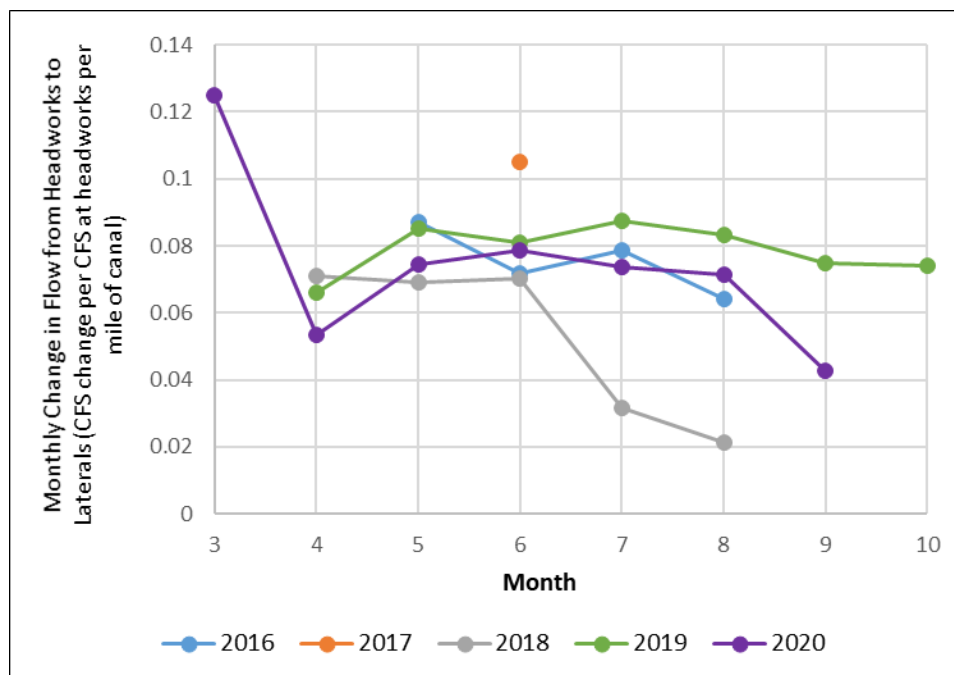


Figure 8. Monthly average change in flow (CFS per CFS delivered per mile of canal) from the Saroni Headworks to Laterals A and B (based on monthly averages of available daily data)

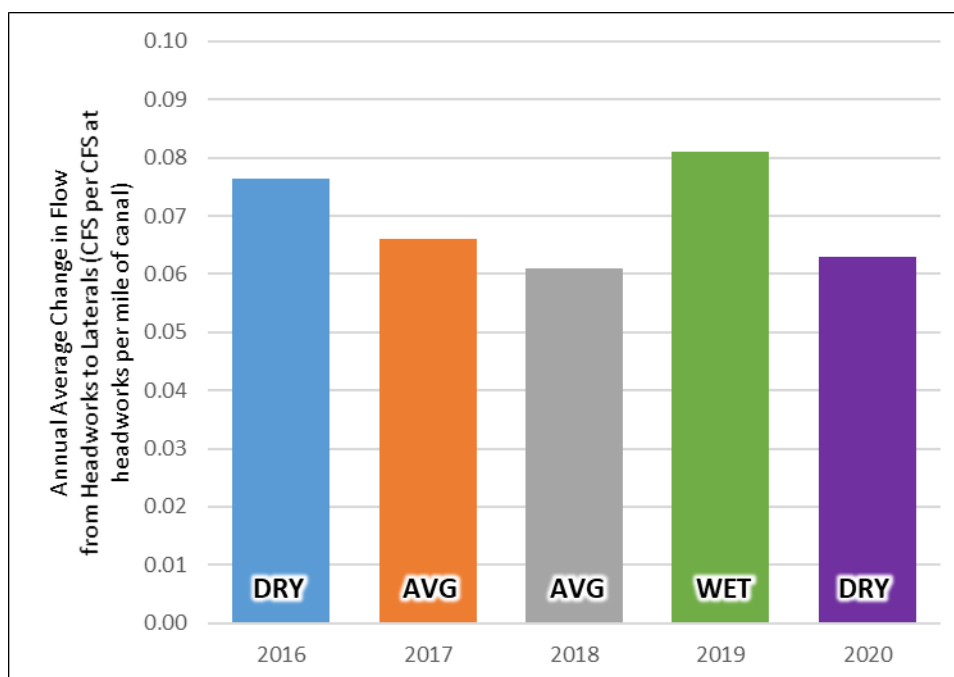


Figure 9. Annual average change in flow (CFS per CFS delivered per mile of canal) from the Saroni Headworks to Laterals A and B (based on monthly averages of available daily data)

The following table summarizes the annual statistics. The average annual change in flow from the Saroni Headworks to Laterals A and B was **approximately 56 percent**. Based on the length of the canal section analyzed, this translates to an average annual change in flow from the Saroni Headworks to Laterals A and B of **approximately 0.07 CFS per CFS delivered per mile of canal**<sup>1</sup>.

**Table 2. Annual (March 1 to Oct 31) average change in flow (in CFS per mile of canal) from the Saroni Headworks to Laterals A and B (based on averages of available daily data)**

Year	Water Year Type	Change in Flow Rate from Headworks to Laterals		
		Annual average percent	Annual average CFS per mile of canal	Annual average CFS per CFS delivered per mile of canal
2016	Dry	61	1.4	0.076
2017	Wet	53	1.8	0.066
2018	Average	49	1.9	0.061
2019	Average	65	3.4	0.081
2020	Dry	50	0.7	0.063
Average		56	1.81	0.069

Notes regarding this analysis:

- Turnout deliveries along the Saroni Canal and spill beyond Lateral B were not included in the analysis. The changes reported account for deliveries as well as losses (seepage, evaporation, spill, phreatophyte ET, etc).
- Data was tabulated on monthly and annual timescales. While there is a delay (travel time) between the headworks and the laterals, these timescales should minimize the effect the delay could have on the data.
- The Williamson Turnout has a Replogle flume but had inconsistent data in most years. Therefore, data was excluded for all years.

<sup>1</sup> Note that the average annual change through the 8.0 mile system as a percent and the average annual change as CFS / CFS delivered / mile can be directly correlated:  $0.07 \text{ CFS} / \text{CFS} / \text{mile} \times 8.0 \text{ miles} = 0.56 \text{ CFS} / \text{CFS} = 56\%$   
**DRAFT 11/1/21**

**Walker River Irrigation District**  
**Local #4**  
**Saroni Canal**  
**2023-2024 Fiscal Year**  
**Summary of Operating Revenue and Expenses**  
**as of 8/31/2022**  
**2 months**

**Acreage Basis: 3951**

Assessment		\$	11.00	\$	11.00	\$	11.00	\$	11.00
Special Assessment		\$	5.00	\$	8.00	\$	8.00	\$	15.00
			<b>2021-2022</b>		<b>2022-2023</b>		<b>2022-2023</b>		<b>2023-2024</b>
<b>Assessments</b>			<b>Final</b>		<b>Approved</b>		<b>To Date</b>		<b>Proposed</b>
4020-17	O & M General	\$	43,657	\$	43,461	\$	647	\$	43,461
	Special Assessment (Projects)	\$	21,386	\$	31,608	\$	468	\$	59,265
<b>Total Operating Revenue</b>		\$	<b>65,043</b>	\$	<b>75,069</b>	\$	<b>1,115</b>	\$	<b>102,726</b>
			<b>2021-2022</b>		<b>2022-2023</b>		<b>2022-2023</b>		<b>2023-2024</b>
<b>Operating Expenses</b>			<b>Final</b>		<b>Approved</b>		<b>To Date</b>		<b>Proposed</b>
5010-17	Salaries & Wages	\$	14,800	\$	16,000	\$	4,000	\$	16,000
5030-17	Industrial Insurance	\$	523	\$	800	\$	209	\$	800
5060-17	Fuel, Oil, Grease	\$	1,396	\$	2,500	\$	361	\$	2,500
5070-17	Repair & Maintenance	\$	12,063	\$	16,000	\$	-	\$	10,000
5080-17	Supplies & Small Tools	\$	-	\$	500	\$	50	\$	500
5140-17	Miscellaneous	\$	-	\$	500	\$	-	\$	500
5150-17	Telephone/ Cell Phone	\$	144	\$	500	\$	-	\$	500
5210-17	Legal Counsel	\$	-	\$	2,000	\$	-	\$	1,500
5270-17	Computer Expense	\$	160	\$	500	\$	45	\$	500
5280-17	Payroll Taxes	\$	1,354	\$	1,250	\$	306	\$	1,500
5380-17	Surveying/Engineering	\$	4,341	\$	-	\$	-	\$	-
6002-17	Saroni Projects	\$	38,727	\$	31,672	\$	-	\$	59,265
6003-17	Ditch Vehicle Expense	\$	-	\$	500	\$	-	\$	500
5510-17	Interfund Labor Expense	\$	10,990	\$	2,500	\$	-	\$	10,000
<b>Total Operating Expenses</b>		\$	<b>84,498</b>	\$	<b>75,222</b>	\$	<b>4,971</b>	\$	<b>104,065</b>
<b>Total Operating Income or Loss</b>		\$	<b>(19,455)</b>	\$	<b>(153)</b>	\$	<b>(3,856)</b>	\$	<b>(1,339)</b>

DRAFT



**Current Saroni Canal Advisory Board Members**

- Richard Nuti (Elected 2021)
- Rob Lewis (Elected 2021)
- Kris Leinassar (Elected 2021)
  
- Gunnar Garms (Elected 2020)
- Steven Fulstone (Elected 2020)