



BOARD OF DIRECTORS REGULAR MEETING

Tuesday, May 6th, 2025 – 9:00A.M.

Dial in by phone: +1 323-538-4434 ~ Phone conference ID: 433 723 258#

AGENDA

1. Consent Agenda (approved with one motion).
 - a. Minutes of April 8, 2025, Regular Board meeting.
 - b. Minutes of April 22, 2025, Special Board meeting.
 - c. Treasurer's Report - April 30, 2025.
 - d. Status of Investments Report - April 30, 2025.
 - e. Bank Reconciliation– March 31, 2025
 - f. Claims.
 - g. Declaration of Surplus items.
2. 2025 Water supply update & drought management.
3. Pump 16 upgrade update.
4. Watermaster's report.
5. District Manager's report.
6. Policy Director's report.
7. Engineering Manager's report.
8. Executive Session:
 - a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella.
 - b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate the legal risk of a proposed action.
 - c. Executive session pursuant to RCW 42.30.110(1)(b). Selection of a site or the acquisition of real estate.

Item #1

DRAFT

REGULAR MEETING MINUTES

April 8, 2025

The Board of Directors for the Roza Irrigation District convened for regular session on Tuesday April 8, 2025. Present were President Ric Valicoff, Vice-President Jim Willard, Director Tanner Winckler, Director Jason Sheehan, Director Jason Don, and District Manager Scott Revell, Watermaster Dave Rollinger, Assistant Watermaster Aaron Wiederspohn, Maintenance Superintendent Dave Clampitt, District Attorney Brian Iller, Assessment Clerk/Assistant Secretary Kristel Espinoza and Roza Consultant Chris Lynch

Audience members included: Troy Martin

Via telephone conference: Urban Eberhart – District Manager, Kittitas Reclamation District.

The President called the meeting to order at 9:04 A.M. and requested the Board consider the consent agenda as presented:

- a. Minutes of March 11, 2025, Regular Board meeting.
- b. Treasurer's Report– March 31, 2025.
- c. Bank Reconciliation– February 28, 2025
- d. Claims.

The following claims are approved for payment: payroll numbers 29696 – 29697 in the amount of \$726.75, voucher numbers 71725 – 71731, 71807 – 71860 and 71861 – 71931 in the amount of \$808,350.93 and electronic payments 02-25, 03-25, 03-252, 05-25, 06-25, 08-25, 09-25, 10-25, 25-07, 25-08 and 25-09 in the amount of \$332,265.61 from the period of March 4, 2025, to April 8, 2025.

It was moved by Mr. Willard, seconded by Mr. Winckler, and unanimously passed to approve the consent agenda.

District Manager Revell reported the water in reservoir storage was 62% of average. Snowpack was currently 75% on the Yakima River mainstream arm and 97% of the average on the Naches River arm.

Roza Consulting Hydrologist Chris Lynch gave a brief overview of the water supply forecast for March and discussed the low-end forecast of 38%, which is up from 20% in March had evolved. Director Valicoff inquired about the sno-tel sites and data validation.

Urban Eberhart gave a brief overview of the Kittitas Reclamation District's 1146 Wasteway and discussed the temporary repairs being implemented in 2025, following a partial collapse in 2024 which affected Roza's water supply during flip-flop.

District Manager Revell discussed the reservoir capacity at each site and the minimum acre feet in each pool per (USBR) the United States Bureau of Reclamation's operating guidelines. Mr. Revell noted the potential effects of the Cle Elum adult fish collection facility construction and the splitter wall at the outlet of the spillway. USBR is examining alternatives for a smaller coffer dam configured differently or not building the splitter wall in 2025.

Mr. Revell briefed the Board on the Kachess dam outlet works repairs and the potential effects to the 2025 water supply. The outlet works were to be operational by July 1st by contract and now

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REGULAR MEETING MINUTES

April 8, 2025

will be operational by August 1st, which could result in Roza's supply being shorted by thousands of acre-feet. Mr. Revell noted the district's tracking the issue closely.

Mr. Revell noted it will not be known until late September if there will be an October Water allocation and gave a quick overview of prorationing and the effects to the proratable water right holders.

The Board discussed various scenarios related to the 2025 proration date and potential system shut down dates.

District Manager Revell and Watermaster Dave Rollinger updated the Board on the main canal mile post 32.8 gate failure emergency and presented pictures of the repair. The automated leaf gate failed on March 20, the gate had been examined and tested prior to filling the canal in mid-March. The arm which connected to the roller wheel pin became corroded over time and the pin and wheel broke through. The worksite was not easy to access and is located in a cut. Removing the gate involved removing three separate heavy pieces with equipment. Staff designed a temporary repair with wooden check boards which will be used for the 2025 irrigation season and possibly beyond.

Engineering Manager Wayne Sonnichsen presented the 2025 rock crushing bids. An invitation to bid for rock crushing was published in February and March. Conrad Russell Excavation LLC was the lowest responsible bidder. Following discussion, Mr. Don moved, seconded by Mr. Willard and unanimously approved entering a contract with Conrad Russell Excavation LLC in the amount of \$152,500.00 for rock crushing.

Watermaster Dave Rollinger presented, and the Board reviewed the Watermaster's monthly report.

District Manager Revell presented, and the Board reviewed the District Manager's monthly report.

District Manager Revell presented, and the Board reviewed the Policy Director's monthly report in Mrs. Park's absence.

Engineering Manager Wayne Sonnichsen presented, and the Board reviewed the Engineering Manager's monthly report.

The President declared the Board to be in executive session for an estimated fifteen minutes beginning at 11:30 A.M. pursuant to:

- a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella.
- b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate the legal risk of a proposed action.
- c. Executive session pursuant to RCW 42.30.110(1)(b). Selection of a site or the acquisition of real estate.

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REGULAR MEETING MINUTES

April 8, 2025

The President returned the Board to regular session at 11:45 A.M.

No further business appearing and upon motion duly made, seconded, and unanimously passed, the Board did there upon adjourn at 11:45 A.M. on Tuesday April 8, 2025.

ATTEST:

SECRETARY

PRESIDENT

DRAFT

SPECIAL MEETING MINUTES

April 22, 2025

The Board of Directors for the Roza Irrigation District convened a special session on Tuesday April 22, 2025. Present were President Ric Valicoff, Vice-President Jim Willard, Director Tanner Winckler, and District Manager Scott Revell. Engineering Manager Wayne Sonnichsen, Watermaster Dave Rollinger, Assistant Watermaster Aaron Wiederspohn, Maintenance Superintendent Dave Clampitt, Policy Director Sage Park, Assessment Clerk/Assistant Secretary Kristel Espinoza, District Attorney Brian Iller and Biologist – Walt Larrick.

Via telephone conference: Director Jason Sheehan, Urban Eberhart – District Manager, Kittitas Reclamation District.

The President called the meeting to order at 9:04 A.M.

District Manager Revell updated the Board on the 2025 water supply and discussed the background information detailed in the written staff report. Mr. Revell stated the water supply had dropped from 58% in early April to 54% in mid- April. Staff have continued to work on operating plans which can be modified as the water supply forecast evolves.

Roza Consulting Hydrologist Chris Lynch provided an estimate that proration will occur in mid to late May. Mr. Lynch stated that he had reviewed the United States Bureau of Reclamation's mid-month forecast and concurred with it.

Director Sheehan talked about a shut down before May 20th if proration occurred to save water for the hot summer months

Staff and the Board discussed preparing for a lower water supply than 54% and compared previously prepared operating plans with 45% to 54% supply levels both with and without a system shutdown.

District Manager Revell discussed with the Board direct farm to farm water transfers from SVID to Roza and requested the Board's direction, the Board and Staff discussed at length water rights, potential issues moving water between districts during a drought, water transfer eligibility criteria and drought fund carryover. Mr. Revell handed out a staff report dated April 22nd which detailed the issues. The Board took no action.

Biologist Walt Larrick updated the Board on the Cle Elum adult fish collection facility construction and noted that the proratable water right districts are continuing to watch the issue very closely to ensure water is not stranded in Cle Elum reservoir.

The President declared the Board to be in executive session for an estimated ten minutes beginning at 10:15 A.M. pursuant to:

- a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella.
- b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate the legal risk of a proposed action.

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SPECIAL MEETING MINUTES

April 22, 2025

- c. Executive session pursuant to RCW 42.30.110(1)(b). Selection of a site or the acquisition of real estate.

The President returned the Board to regular session at 10:27 A.M.

No further business appearing and upon motion duly made, seconded, and unanimously passed, the Board did there upon adjourn at 10:33 A.M. on Tuesday, April 22, 2025, for a Board tour to the Pamona area and siphon and reserved works.

ATTEST:

SECRETARY

PRESIDENT

ROZA IRRIGATION DISTRICT
TREASURER'S FINANCIAL STATEMENT
April 30, 2025

	EXPENSE	CONST.	RESERVE	MEMO	TOTAL
Balance First of Month	24,739,163.36	307,241.03	0.00	0.00	25,046,404.39
Collections	1,226,601.98	36.98			1,226,638.96
Miscellaneous	15,138.84				15,138.84
Matured Investments					0.00
Interest	81,453.52				81,453.52
Transfers					0.00
TOTAL	26,062,357.70	307,278.01	0.00	0.00	26,369,635.71
LESS:					
Voucher Checks Issued	236,786.30	0.00			236,786.30
Misc. Checks Issued	3,210,587.72			0.00	3,210,587.72
Tier 2 Checks					0.00
NSF Check Returned					0.00
Bank Charge	476.15				476.15
Void Check					0.00
TOTAL PAID	3,447,850.17	0.00	0.00	0.00	3,447,850.17
Balance End of Month	22,614,507.53	307,278.01	0.00	0.00	22,921,785.54

**ROZA IRRIGATION DISTRICT
STATUS OF INVESTING ACCOUNTS
April 30, 2025**

BANK	\$ AMOUNT	INTEREST EARNED	INTEREST RATE	BALANCE
L.G.I.P.	\$22,296,277.10	80,978.69	4.3932%	\$22,377,255.79
U.S. - MIA INV.	\$278,072.35	38.51	0.14905%	\$278,110.86
U.S. - SAVINGS	\$16,169.42	15.09	0.05%	\$16,184.51
U.S. - CHECKING	\$250,195.87	38.51	0.01%	\$250,234.38
			TOTAL	\$22,921,785.54

**ROZA IRRIGATION DISTRICT
STATUS OF INVESTMENTS
April 30, 2025**

INVESTMENT	RATE	MATURE	EXPENSE	TOTAL
			0.00	0.00
TOTALS:			0.00	0.00

TOTAL OF ALL CASH	22,921,785.54
MINUS RESTRICTED CASH	0.00
Reserve/Memo\$)	
(Drought)	708,114.37
(WSD)	4,943,748.87
TOTAL O & M CASH	17,269,922.30

ROZA IRRIGATION DISTRICT
BANK RECONCILIATION
March 31, 2025

BANK

Checking	\$	399,002.44
Savings	\$	407,585.05
Mia Inv.		\$1,704,172.35
Lgip	\$	22,686,277.10

Bank Balance:	\$	-
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Less Outstanding Checks:	\$	150,632.55
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BALANCE		\$ 25,046,404.39
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BOOK

Checking		\$ 248,369.89
Savings		
Expense	\$	24,490,793.47
Construction	\$	307,241.03
Farm Loan 1%	\$	-
Memo	\$	-
Reserve	\$	-

Total Savings:	\$	24,798,034.50
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Less: NSF Check		0.00
Less: Bank Error	\$	-
Add: Bank Error		

BALANCE		\$ 25,046,404.39
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System: 5/1/2025 1:59:11 PM
Report Date: 5/1/2025

Roza Irrigation District
VENDOR CHECK REGISTER REPORT
Payables Management

Page: 1
User ID: williajm

Ranges: From:
Check Number First
Vendor ID First
Vendor Name First

To:
Last
Last
Last

From: To:
Check Date 4/1/2025 4/30/2025
Checkbook ID PRE-PAIDS PRE-PAIDS

Sorted By: Check Number

Voided Checks

Check Number	Vendor Check Name	Check Date	Amount
03-25	DEPARTMENT OF REVENUE	4/25/2025	\$3,365.79
04-2025	U.S. BANK	4/28/2025	\$5,039.21
04-25	U.S. BANK	4/2/2025	\$3,794.97
11-25	ROZA PAYROLL PAYABLE	4/11/2025	\$129,766.52
13-25	ROZA PAYROLL PAYABLE	4/22/2025	\$18,964.00
14-25	ROZA PAYROLL PAYABLE	4/25/2025	\$119,759.42
25-10	U.S. BANK/E.F.T.P.S.	4/11/2025	\$46,681.76
25-11	U.S. BANK/E.F.T.P.S.	4/22/2025	\$14,886.50
25-12	U.S. BANK/E.F.T.P.S.	4/25/2025	\$42,424.43
71932	AUTO ART & COLLISION REPAIR	4/8/2025	\$5,485.54
71933	DEPARTMENT OF RETIREMENT	4/11/2025	\$4,191.72
71934	ROZA EMPLOYEE BENEFIT FUND	4/11/2025	\$84.00
71935	ERE HOLDINGS, LLC	4/10/2025	\$302,214.00
71936	SELAH-MOXEE IRRIGATION DISTRICT	4/10/2025	\$2,025,000.00
71937	NOE GUZMAN/C&C JANITORIAL	4/10/2025	\$385.00
71938	BENTON COUNTY AUDITOR	4/10/2025	\$28.00
71939	CHRISTOPHER LYNCH	4/10/2025	\$7,280.55
71940	WESTERN VALLEY FARMS, INC	4/10/2025	\$19.80
71941	RODNEY HANKINSON	4/10/2025	\$10.00
71942	BUD CLARY	4/10/2025	\$86,008.90
71943	ENDRESS+HAUSER, INC.	4/10/2025	\$20,650.40
71944	TRUEPOINT SOLUTIONS, LLC	4/10/2025	\$740.00
71945	JACOBS ENGINEERING GROUP, INC	4/10/2025	\$9,222.32
71946	NW LABORERS TRUST FUND	4/10/2025	\$56,676.00
71947	ALTITUDE AGRI SERVICES, LLC	4/10/2025	\$768.60
71948	MACK CREEK RANCH, LLC	4/11/2025	\$15,828.00
71949	SUNCADIA RESORT, LLC	4/11/2025	\$57,600.00
71950	DEPARTMENT OF RETIREMENT	4/11/2025	\$56,221.48
71951	RETTIG FORGETTE ILLER BOWERS,	4/22/2025	\$4,536.00
71952	U.S. CELLULAR	4/22/2025	\$5,435.34
71953	FAMILY FARM ALLIANCE	4/22/2025	\$9,570.00
71954	CO-ENERGY	4/22/2025	\$13,530.73
71955	GEOSYNTEC CONSULTANTS	4/22/2025	\$18,825.83
71956	WASHINGTON STATE WATER RESOURC	4/22/2025	\$28,889.00
71957	RH2 ENGINEERING	4/22/2025	\$2,547.12
71958	PACIFIC POWER & LIGHT CO.	4/22/2025	\$886.34
71959	CASCADE NATURAL GAS CO.	4/22/2025	\$1,325.23
71960	EMPLOYMENT SECURITY DEPARTMENT	4/22/2025	\$1,289.52
71961	CASCADIA LAW GROUP	4/23/2025	\$1,462.50
71962	YAKIMA COUNTY TREASURER	4/23/2025	\$65.38
71963	BENTON COUNTY TREASURER	4/23/2025	\$90.03
71964	DEPARTMENT OF RETIREMENT	4/23/2025	\$25.00
71965	CAMERON BUCKLES	4/23/2025	\$50.00
71966	CENTURYLINK	4/23/2025	\$74.53
71967	YAKIMA COUNTY G.I.S.	4/23/2025	\$246.74
71968	BRANDCRAFT MEDIA, LLC	4/23/2025	\$199.00
71969	PIERRE OF PROSSER	4/23/2025	\$94.56
71970	AG PRO CONSTRUCTION, INC.	4/23/2025	\$258.75
71971	CENTURYLINK	4/23/2025	\$174.93
71972	ANDREW MONTGOMERY	4/23/2025	\$15.22
71973	STEPHEN KELLEY	4/23/2025	\$10.00
71974	EVERGREEN SAFETY COUNCIL	4/23/2025	\$225.00
71975	DEPARTMENT OF REVENUE	4/23/2025	\$256.75
71976	CITIES INSURANCE ASSOCIATION	4/23/2025	\$1,816.21
71977	NOE GUZMAN/C&C JANITORIAL	4/24/2025	\$385.00
71978	DEPARTMENT OF RETIREMENT	4/25/2025	\$4,191.72

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er Date: 5/1/2025

Roza Irrigation District
VENDOR CHECK REGISTER REPORT
Payables Management

Page: 2
User ID: williajm

* Voided Checks

Check Number	Vendor ID	Vendor Check Name	Check Date	Checkbook ID	Audit Trail Code	Amount
71979		ROZA EMPLOYEE BENEFIT FUND	4/25/2025			\$84.00
71980		AFLAC	4/25/2025			\$554.06
71981		LABORER'S LOCAL UNION 348	4/25/2025			\$2,204.00
71982		ROZA EMPLOYEE BENEFIT FUND	4/25/2025			\$2.00
71983		AQUA SYSTEMS 2000 INC.	4/28/2025			\$5,453.82
71984		SYMETRA LIFE INSURANCE CO.	4/28/2025			\$511.96
71985		ASM AFFILIATES	4/28/2025			\$1,530.00
71986		UNIVERSITY CORP FOR ATMOSPHERI	4/28/2025			\$14,146.86
71987		EMP SEC DEPT-WA CARES FUND	4/30/2025			\$6,028.78
71988		EMP SEC DEPT - PAID FAMILY & M	4/30/2025			\$10,841.02
71989		DEPARTMENT OF L & I	4/30/2025			\$38,555.17
71990		ADVANCED INTERNET SERVICE PROV	4/30/2025			\$118.00

Total Checks: 68

Total Amount of Checks: \$3,209,603.01

System: 5/1/2025 10:32:46 AM
Report Date: 5/1/2025

Roza Irrigation District
VENDOR CHECK REGISTER REPORT
Payables Management

Page: 1
User ID: williajm

Ranges: From:
Check Number First
Vendor ID First
Vendor Name First

To:
Last
Last
Last

From: To:
Check Date 4/22/2025 4/22/2025
Checkbook ID PAYABLES PAYABLES

Sorted By: Check Number

Voided Checks

Check Number	Vendor Check Name	Check Date	Amount
12-25	ROZA PAYROLL PAYABLE	4/22/2025	\$984.71
Total Checks: 1		Total Amount of Checks:	\$984.71

Item #2



To: Board of Directors

From: Scott Revell, District Manager & Sage Park, Policy Director

Date: May 6, 2025

Re: 2025 Water Supply Update & Drought Preparations (**updated**)

2025 Water Supply Update

✓ Reservoir storage status on May 5, 2025 Capacity (Ac. Ft)		
Keechelus	58%	157,800
Kachess	53%	239,000
Cle Elum	53%	436,900
Bumping	88%	33,970
Rimrock	64%	198,000
Total	57% of capacity	1,065,670

- ✓ Water in storage is **75% of average**.
- ✓ Precipitation at the reservoirs for the water year is **80% of average** to date which began on Oct. 1, 2024.
- ✓ Snowpack is **46% of average** in the upper Yakima River mainstem basin and **73% of average** in the Naches River basin.
- ✓ The mid-May 2025 water supply forecast is scheduled for May 16th by USBR (changed from May 19th) .

Forecast Date	USBR's Adopted Water Supply Forecast	USBR's Low End Water Supply Forecast
March 6	48%	20%
April 3	58%	38%
April 22	54%	41%
May 5	51%	39%

- **Prorationing Date-** Roza's hydrologist estimates that prorationing will occur in mid to late May, although this could change and be somewhat earlier based how rapidly the snow comes off, precipitation, temperatures, and irrigation demand. Without additional precipitation prorationing is unlikely to occur in June.

- **Shutdown Authorization-**When the forecast water supply is below 70%, the District Manager is authorized to implement measures to extend the irrigation season, including but not limited to:
 1. Restricting deliveries;
 2. Extending the pooling deadline beyond June 1st for transfers between Roza growers;
 3. Activating the Roza pump backs;
 4. Implementing a system shut down immediately if prorationing occurs before May 15;
 5. Advocating for issuance of emergency drought well permits.

If prorationing occurs on May 15 or later the Board will need to authorize a system shutdown. Staff is planning on a shutdown of 10 to 15 days +/- occurring in 2025. In 2024, the Board authorized up to a 10 day shutdown if prorationing occurred by May 24th.

The May 15th date could be changed to May 24th. Staff will monitor the weather at the time so as not to shut the system down during an excessively hot period. Likewise a cooler pattern with some rain during the shutdown might allow for a couple of additional days. Memorial Day in 2025 is May 26th.

Depending on the outcome of the May 19th mid-month water supply forecast, the District may choose to adjust the shutdown plan while it is underway.

Mid-season shutdowns and early season curtailment occurred in prior drought years as follows:

Staff typically recommends that, if a shutdown is implemented, that the District stop diverting water within two days of prorationing in order to allow for notice to growers to adjust their operations before water is shut off. Prorationing came on quickly in late May 2024 due to changing runoff conditions in the river. Water users were notified by email and the Roza website a few days prior to begin preparing for a shutdown.

Press releases were also issued. Not all water users are on the email list. Generally, earlier in the week is better for logistical planning, but mid-season shutdowns can begin on any day of the week.

- **Effects of a shutdown on Water Supply Management**

Length of Shutdown	Net AF (after draining/filling)	Days added in Sept/Oct at minimum flows	Points (.03-.04gpm/ac) that could be added during the peak (if not added to Sept/Oct)
8 days	5,650	7	+2 for 3 weeks (900AF= +1 pt/week)
10 days	7,250	9	+2 for 4 weeks
12 days	8,850	11	+2 for 4.9 weeks
14 days	10,450	13	+2 for 5.8 weeks
16 days	12,050	15	+2 for 6.7 weeks

- ✓ The same principle applies to leasing equivalent amounts of senior water (w/out losses for draining & refilling the canal)

- **Water Supply Planning Basis-** Several factors have caused staff to be of the opinion that the District should be prepared for a somewhat lower water supply than 51% . These include the potential for rapid snow melt and run off, supply disruptions caused by reservoir construction projects, and/or fish needs.

Also, there are long range forecasts which show the La Nina pattern expiring and the potential for heavier precipitation in the next several weeks to be significantly reduced, which could result in the water supply forecast to drop in the months ahead.

Staff have previously prepared several operating plans from 45% to 54% supply as a comparison in case these variables unfold unfavorably. Staff is planning on a shutdown of 10 to 15 days +/- occurring.

- ✓ Each scenarios assumes 7,765-acre ft. leased (a few hundred additional AF may be available if tributary curtailments do not occur). April water has been deducted. May water may be deducted also, depending the proration date and a shutdown.
- ✓ Staff has worked up operating plans with different prorations dates to begin isolating the variables to better examine where there is flexibility.
- ✓ More leased water, longer shutdown(s), a different season end target or revised delivery amounts can all be used as the supply forecast varies from these amounts.

- **Drought Fund Carryover**-If no additional leases occur and state reimbursement is received as listed below. The Board has at times expressed an interested in having some funds available for 2026 in the event that the drought continues beyond 2025.

Source	Amount	Notes
Roza	\$ 397,354	Remaining Roza drought funds
Ecology 2025 \$	\$1,125,000	Roza received the offer letter on March 26, 2025.
Total	\$1,522,354	= 5,074 AF @ \$300/AF

- **Lease of SVID water**-Staff is prepared to move quickly if directed to acquire more water.
- **SVID Farm-to-Roza Farm Transfers**-Transfers would need approval of both Boards of Directors and would go through the Water Transfer Work Group. These are also upstream transfers, and approval is not guaranteed. Issues like partial allotment transfers, pooling integration, SVID's acre foot transfer cap, and water allotment marketability between farms are being researched. See April 22, 2025 staff report for more detail.
- **Impact of Cle Elum Adult Fish Collection Facility Construction**- The proratable districts are continuing to watch this issue very closely . USBR has been examining alternatives for a smaller coffer dam configured differently, or not building the splitter wall in 2025 in order to prevent impacts to the proratable irrigation district's water supply.
- **Kachess Safety of Dams Repairs**-Ongoing safety of dams repairs to the outlet works at Kachess reservoir could affect the 2025 irrigation season. There is no change since the April 22nd meeting.
- **Natural Runoff Proportion (NRP)**
 - ✓ The objective of NRP is to delay release of storage water and improve water supply.
 - ✓ Junior and senior water rights holders voluntarily share in the shortage through voluntary reductions to forestall prorationing by several days or longer.
 - ✓ USBR holds irrigation deliveries to available supply (as measured at Parker) by dividing supply proportionally. Available supply is incidental reservoir outflows plus unregulated tributary inflows.
 - ✓ Irrigation districts are informed semi-weekly of NRP %.

NRP ends when flows decline and demands increase. When NRP ends prorationing begins. USBR was trying to hold NRP into late May in 2024. Conservation projects in the senior districts make it more possible for voluntary diversion reductions during these conditions. NRP can complicate river operations.

Comparison to 2015 Water Supply Forecasts

2015 Monthly Supply Forecast	Adopted Forecast	Low End Forecast
March	73%	58%
April	60%	45%
Late April	54%	Not done
May	47%	35%-38%
Late May	44%	Not done
June	44%	37%
July	44%	41%
Mid July	46%	Not done

- ✓ Low end forecasts in 2015 were based on 80% of avg precipitation for the remainder of the water year (through Sept 30).
- ✓ 1.8 gpm/ac/day is the very lowest the system can run and is **far less** than typical July & August drought year operations. 7.5 gpm is a typical peak. Delivery amounts from June on in 2015:
 - June 1-July 13 1.8 gpm/ac (10 pts over an 18-inch weir) 400CFS +/-
 - July 14 to end 3.0 gpm/ac (14 pts over an 18-inch weir) 620 CFS +/-

Item #3



To: Board of Directors
From: Wayne Sonnichsen, Engineering Manager
Date: September 10, 2024
Re: Pump station 16 upgrade update

Attachments:

1. Pump Station Capital Improvement Plan – updated 9/4/2024.
2. CSNW Work Order

Background:

Flowserve, the pump manufacturing company that manufactures duplicate Worthington pumps, is currently in process of manufacturing the pumps for Pump Plant 16. They have indicated a ship date of approximately mid-October this year. Total expected cost is 2,244,357.

We recently received a work order from Control Systems Northwest (CSNW) for the motor control center equipment. They are projecting a total project cost of \$594,228. Of the total costs, \$513,163 is for equipment costs and the remainder is for CSNW's work on behalf of Roza reviewing submittals, preparing O&M manuals, factory testing, and field testing, startup, and commissioning (see attached work order). The expected completion date for this work order is the end of December.

The budgeted cost presented last September for these upgrades was \$4,026,240. With the costs now known, it appears that the actual cost will be about \$3,001,000. This assumes that the pump cases now being cast are going to allow for the use of the existing rotating assemblies.

If, despite our efforts to have the new cases made to exactly match the original cases, we are not able to use the existing rotating assemblies, we would need to purchase new rotating assemblies. The cost for new rotating assemblies was quoted at \$265,600 for the first duplicate and \$236,800 for additional units. Using these quoted prices, six new rotating assemblies would cost about \$1,478,400.

Pump Station Capital Improvement Plan - Switch Gear Only

Updated 4/10/2025

Inflation rate = 5%

Pump Station	Number of Pumps	Switch gear only RH2 (2024 \$)	Engineering Design	Construction Management	Contingency	Tax	Total Cost Roza	Materials Costs	Construction Costs	Year	Yearly Costs	Yearly Costs Adjusted For Inflation
16	5	2,668,496	100,000	0	0	232,159	3,000,655	2,668,496	232,159	2024	1,434,248	1,434,248
17	2	2,000,000	100,000	0	200,000	191,400	2,491,400	2,000,000	391,400	2025	1,566,407	1,644,728
15	6	776,775	77,678	77,678	77,678	74,337	1,084,145	776,775	229,692	2026	100,000	110,250
9A	3	430,650	43,065	43,065	43,065	41,213	601,058	430,650	127,343	2027	2,000,000	2,315,250
14	3	430,650	43,065	43,065	43,065	41,213	601,058	430,650	127,343	2028	469,078	570,167
9	3	430,650	43,065	43,065	43,065	41,213	601,058	430,650	127,343	2029	819,840	1,046,347
7	3	430,650	43,065	43,065	43,065	41,213	601,058	430,650	127,343	2030	703,407	942,633
8	3	430,650	43,065	43,065	43,065	41,213	601,058	430,650	127,343	2031	601,058	845,749
3	5	608,850	60,885	60,885	60,885	58,267	849,772	608,850	180,037	2032	601,058	888,037
13	4	653,400	65,340	65,340	65,340	62,530	911,950	653,400	193,210	2033	601,058	932,439
2	5	608,850	60,885	60,885	60,885	58,267	849,772	608,850	180,037	2034	618,878	1,008,087
4	2	341,550	34,155	34,155	34,155	32,686	476,701	341,550	100,996	2035	801,533	1,370,894
10	2	207,900	20,790	20,790	20,790	19,896	290,166	207,900	61,476	2036	894,322	1,606,074
12	2	207,900	20,790	20,790	20,790	19,896	290,166	207,900	61,476	2037	836,215	1,576,809
5	1	170,033	17,003	17,003	17,003	16,272	237,315	170,033	50,279	2038	542,377	1,073,869
6	1	170,033	17,003	17,003	17,003	16,272	237,315	170,033	50,279	2039	329,686	685,394
1	4	519,750	51,975	51,975	51,975	49,740	725,415	519,750	153,690	2040	534,892	1,167,601
Severvyns	1	158,895	15,890	15,890	15,890	15,206	221,770	158,895	46,985	2041	272,287	624,086
		11,245,682	857,719	657,719	857,719	1,052,996	3,426,152	11,245,682	2,568,433	2042	585,918	1,410,082
										2043	359,570	908,616
										Total	13,394,793	20,697,445

Notes: P16 includes replacing six high lift pumps.
P17 includes replacing the existing pumps and motors.



CONTROL SYSTEMS NW LLC
 22722 29th Drive SE, Ste. 210, Bothell, WA 98021
 1.888.261.6232 / controlsystemsnw.com / Tax ID# 84-1772095
 OR CCB# 228012 / OR Electrical CCB# 64915
 WA GC# CONTRSN7801E

Work Order

CSNW will provide materials in accordance with CSNW Terms and Conditions

Project Name: Pump Station No. 16 Medium Voltage Motor Control Center Equipment

Client Name	Rosa Irrigation District	CSNW Project No.	
Client Project No.		CSNW Project Manager	Chris Roberts
Client Project Manager	Wayne Sonnichsen	Date Developed	2/24/2025
Project Location	Prosser, WA	Expected Completion	12/31/2025

Description of Work

"Equipment Procurement" - Order for long-lead-time Medium Voltage (MV) Motor Control Center (MCC) equipment. This order includes freight to the Pump Station No. 16 facility located in Prosser, WA; MV MCC factory witness testing in Cambridge, Ontario, Canada; and field testing, startup, and commissioning services by Rockwell Automation technicians and CSNW staff. Payment terms and conditions are same as Distributors, including billings of 25% due at order entry, 25% due upon Manufacturer provided engineered drawing delivery and engineering release for production and 50% due upon delivery of gear when applicable.

Fee Estimate

Description	Total Hours	Total Labor	Total Sub/Material	Total Expense	Total Cost
Task 1 Administrative Services	64	\$ 12,010	\$ -	\$ 434	\$ 12,444
1.1 Manage CSNW Team, Track Work Elements, and Prepare Invoices	36	\$ 5,778	\$ -	\$ 180	\$ 5,958
1.2 Manufacturer and Distributor Coordination	6	\$ 1,084	\$ -	\$ 45	\$ 1,129
1.3 Prepare and Review Submittals	10	\$ 2,450	\$ -	\$ 101	\$ 2,551
1.4 Prepare and Review O&M Manuals	8	\$ 1,912	\$ -	\$ 98	\$ 2,000
1.5 Equipment Registration and Warranty Setup	4	\$ 786	\$ -	\$ 20	\$ 806
Task 2 Pump Station No. 16 MV MCC Equipment	72	\$ 17,948	\$ 513,163	\$ 3,113	\$ 594,224
2.1 Pump Station No. 16 MV MCC Equipment	-	\$ -	\$ 513,163	\$ -	\$ 513,163
2.2 CSNW Factory Testing	32	\$ 8,608	\$ -	\$ 1,729	\$ 10,337
2.3 CSNW Field Testing, Startup, and Commissioning	40	\$ 9,340	\$ -	\$ 1,384	\$ 10,724

SUBTOTAL	136	\$ 29,958	\$ 513,163	\$ 3,547	\$ 594,668
WSST RATE 8.7%					\$ 47,560
PROJECT TOTAL	136	\$ 29,958	\$ 513,163	\$ 3,547	\$ 594,228

By signing, Client verifies that the signing individual has the authority to enter into a contract with CSNW and authorizes CSNW to proceed with work. This Work Order is valid within 30 days of development as identified above.

Control Systems NW, LLC

Signature

Chris Roberts, CEO

Print Name/Title

4/14/2025

Date

Rosa Irrigation District

Signature

R. Wayne Sonnichsen / Engineer

Print Name/Title

Date

Item #4



To: Board of Directors
From: Dave Rollinger, Watermaster DR.
Date: May 6, 2025
Re: Recent Past and Future Maintenance Work

Summary for April

The month of April consisted of mostly scheduled and some unscheduled maintenance.

Water Delivery

- Water delivery through the month of April averaged 400 CFS +/- which is the minimum operational flow for the Main Canal.

Staffing

- Chance Ward was hired as a fulltime employee and his first day was on Monday April 14th.
- Wyett Beierle was hired as a fulltime employee and his first day was on Tuesday April 15th.
- Adam Holmes was hired as a fulltime employee and his first day was on Monday April 28th.

Distribution System Maintenance

- Crews started construction on the Pump 3 enclosed conduit piping project and will continue as manpower allows.
- Roza crews have been busy repairing numerous pipe leaks, and replacing valve and flow meters.
- High winds continued to blow weeds into pump laterals and Main Canal keeping ditch riders busy. The backhoe weed bucket continues to save on manpower and overtime.
- Crews continue burning weeds pulled from the Main Canal and Laterals while priming.
- Three mowing crews have started mowing the Main Canal, laterals and drains. The lower end crew started mowing at MP 94.8 and are working upstream to MP 66.2, the middle crew started at MP 66.2 and are working upstream to MP 37.0 and the upper end crew started at MP 37.0 working upstream to MP 3.8.

- Crews have cored lateral leaks on Pump 1 High and Pump 2 low right with a Caterpillar 305 excavator.
- Crews started rodding delivery and drain pipes in the Moxee area to remove debris that restrict the flow water.

Weed Control

- The sprayers have finished spraying the Main Canal with Weeder 64 and have started spraying pump plants, re-regulation reservoirs and storage facilities.
- The sprayers finished spraying the Power Canal from the exit end of siphon 1 (mile 3.8 to the tunnel (mile 9.5) for the first time. The Bureau of Reclamation will be billed for the work.
- Altitude Agri Services treated WW-6 Re-regulation reservoir with Cascade.

Projected for May

- Continue mowing the Main Canal, Laterals and Drains.
- Start cleaning Main Canal gravel packs.
- Start rodding pipes and drains to remove debris that restrict the flow of water.
- Start cleaning Main Canal stilling wells.
- Continue spraying the Main Canal, open laterals and drains.
- Continue trenching and laying pipe on the Pump 3 low Enclosed conduit piping project.

Item #5



To: Board of Directors

From: Scott Revell, District Manager

Date: May 6, 2025

Re: District Manager's Monthly Update

Miscellaneous Items

1. Water supply/drought management, fish issues and infrastructure issues continued to dominate daily in April.
2. The State's capital budget has been approved by the Legislature, but has not been signed into law by the Governor. The Yakima Basin Integrated Plan is slated to receive \$52.02M. The initial request was for \$59M. The House version, which mirrors Governor Inslee's request budget (later adopted by Governor Ferguson), was for \$49M. The Senate allocated \$53M. After a conference committee review to reconcile the differences, the final version forwarded to the Governor by the Legislature was for \$52.02M.

Funds for water conservation were not included in the House version. We were able to successfully restore part of those funds in the final version.

3. Peter Dykstra will take on a new opportunity at Trust for Public Land, where he will serve as Special Counsel. Peter facilitated the Teanaway Community Forest acquisition, the Icicle basin work group and the Riparian Roundtable. He also served as a political strategist for state and federal legislation. He also was the rare conservation advocate who was able to build trust with the agricultural community.
4. I will be out for about two and a half weeks beginning May 8. Wayne Sonnichson will be the Acting District Manager during that time.

April Meetings Report

- ✓ Cloud Seeding study coordination (April 1st)
- ✓ River Operations meeting (April 3rd)
- ✓ System Operations Advisory Committee (SOAC) charter (April 3rd, 15th, 21st & 29th)

- ✓ Yakima Basin Integrated Plan Work Group and Implementation Committee and Executive Committee meetings (April 9th)
- ✓ Cle Elum Fish Passage Construction impacts (April 11th)
- ✓ Benton County Commissioners drought management presentation (April 15th)
- ✓ Yakima County Commissioners tour of the 32.8 check project (April 17th)
- ✓ Roza fish screen tour (April 24th)
- ✓ Weekly WSWRA Legislative updates each Monday during the Legislative session
- ✓ Yakima Basin Joint Board (April 25th)

Item #6



To: Roza Board Members
From: Sage Park, Policy Director
Date: May 6, 2025
RE: Policy Director Report

- Funding Update:
 - \$ 1.125 million of Ecology emergency drought funding – reviewed and signed contracts and learned how to submit expenditures. 90% of the funding will come in during May/June. The remaining 10% will come at the end of the irrigation season.
 - We received notice that we are still in the running for \$550,000 ASR USBR funding. We currently have \$1.6 million for the feasibility study and will receive funding from the Integrated Plan Groundwater Subcommittee. The dollar amount is not yet known.
- Ecology metering meeting: Met with Ecology staff on how our water is used over the summer and how irrigation district metering works in the basin. It was an informative meeting. Staff will take Ecology's metering coordinator on a tour to get a feel for the district.
- Integrated Plan work:
 - Helped draft drought talking points for the IP. Also spent time helping communications team members understand how the basin works.
 - Continue to Chair Water Use subcommittee: Working on updating scoring criteria for Ecology funding cycle. Also drafting priorities with a technical team.
 - Continue to build relationships with our partners
 - Springwood Celebration: Represented Roza at the Springwood celebration where the Yakama Nation, Trust for Public Land and Yakima Basin Integrated Plan held a land recovery and land acknowledgement blessing.
- SOAC – Attending weekly SOAC meetings and continue to think of ways to find more water for flushing flows.

Item #7



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager

Date: May 6, 2025

Re: Engineering Manager's Report

WS

Miscellaneous items of note:

- Conrad Russell moved his rock crusher into the Houghton Pit last Friday with the expectation to start crushing rock early this week.
- BM Parker Heights, LLC has expressed interest in maintaining the Wasteway 3 bridge that Reclamation has flagged as needing repair by Fall at their cost.
- I received an email from Washington State Dam Safety that the "deficiencies found during the 2022 periodic inspection" have now been addressed. This is in response to my having managed to complete and deliver to them a final construction report "summarizing the results of field testing (i.e., foundation preparation, compaction results, settlement monitoring, geomembrane testing, etc.), discussing any significant activities of the construction work, and including a copy of the as-built plans."

This report should have been completed by HDR Engineering at project completion. Despite repeated assurances that they would complete the report, it never happened. Fortunately, they completed a rough draft/outline of a report and provided me with much of the needed information that I didn't have in the WW5 construction files.

- The engineering department has been providing support for the Pump 3 Low ECS project now underway.
- Steve has been working on setting up SCADA communications for Pump 3 and Pump 1.
- I have been corresponding with Flowserve about options for upgrading pumps and motors for Pump Plant 17. In researching their online literature, I came across a version of their pumps with a vertical suction. When I asked about this style pump as an option for Pump Plant 17, they responded that they don't have this style pump as an option in the flow size required.

They offered the following options:

1. We can look at an LNN in the standard configuration, but with an elbow on the suction side. See attached picture.

2. In looking back at the old files, it looks like the original pumps were Worthington 8" LA-4 and 8" LV-21. We could look at reproducing these pumps again, like we did for LS 16.
3. We could look at a vertical end suction pump arrangement.

Even though the one pump (at PP17) we have with an elbow on the suction side is problematic, I do think it's worth exploring this configuration as an option. It may be that we just need to reconfigure the pipe sizing and elbow shape to alleviate the cavitation issues.

- The 24-inch culvert crossing the freeway at the bottom end of WW3 is running about 8.5 inches deep...roughly 1.4 cfs.