



BOARD OF DIRECTORS REGULAR MEETING

Tuesday, October 8th, 2024 – 9:00A.M.
125 S. 13th Street ~ Sunnyside, WA98944

Dial in by phone: +1 323-538-4434 ~ Phone conference ID: 975 504 232#

AGENDA

1. Consent Agenda (approved with one motion).
 - a. Minutes of September 10, 2024, Regular Board meeting.
 - b. Status of Investments Report – September 30, 2024.
 - c. Treasurer's Report– September 30, 2024.
 - d. Statement of Income Expense report for the eight periods ending August 31, 2024.
 - e. Comparative Balance Sheet report for the seven periods ending August 31, 2024.
 - f. Claims.
2. *Randall Wyatt retirement presentation.
3. 2024 Water supply update & drought management.
4. 2024 – 2025 Winter work program.
5. Server upgrade authorization.
6. Enclosed Conduit System equipment cost accounting overview.
7. Authorization to execute settlement agreement for NPDES permit appeal.
8. 2025 preliminary budget planning.
9. Watermaster's report.
10. District Manager's report.
11. Policy Director's report.
12. Engineering Manager's report.
13. Executive Session:
 - a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella, National Pollutant Discharge Elimination System (NPDES) permit appeal, Endangered Species Act and water rights.
 - b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate 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

September 10, 2024

The Board of Directors for the Roza Irrigation District convened in regular session on Tuesday September 10, 2024, in the Board room at the Roza Irrigation District office. Present were President Ric Valicoff, Vice-President Jim Willard, Director Tanner Winckler, Director Jason Sheehan, Director Jason Don and District Manager Scott Revell, Engineering Manager Wayne Sonnichsen, Watermaster Dave Rollinger, Assistant Watermaster Aaron Wiederspohn, Maintenance Superintendent Dave Clampitt, Policy Director Sage Park and Assessment Clerk/Assistant Secretary Kristel Espinoza.

Via telephone conference: District Attorney Brian Iller and Will Jones.

- a. The President called the meeting to order at 9:06 A.M. and requested the Board consider the consent agenda as presented: Minutes of August 6, 2024, Regular Board meeting.
- b. Status of Investments Report – August 31, 2024.
- c. Treasurer's Report– August 31, 2024.
- d. Statement of Income Expense report for the seven periods ending July 31, 2024.
- e. Comparative Balance Sheet report for the seven periods ending July 31, 2024.
- f. Claims.

The following claims are approved for payment: Payroll numbers #29689 – 29690 in the amount of \$2,189.75, voucher numbers #70828 – 70829, 70899 – 70942 and 70954 – 71019 in the amount of \$826,172.81 and electronic payments #07-24, 08-2024, 08-2024/2, 08-24, 13-24, 14-24, 18-24, 19-24, 20-24, 21-24, 24-17, 24-18, 24-19 in the amount of \$524,394.27 from the period of August 2, 2024 to September 10, 2024.

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

District Manager Revell reported to the Board that U.S.B.R. had issued a water supply forecast of 52% for the proratable irrigation districts that the low-end forecast was now 49%. Mr. Revell noted 15,000-acre feet is the drought carryover target in Rimrock Reservoir due to Bull Trout impacts.

District Manager Revell and Staff updated the Board on water usage from District users. Watermaster Dave Rollinger reported utilizing the Wasteway 4 Re-regulation reservoir to keep at the eighteen points for the whole month. Engineering Wayne Sonnichsen noted the proration schedule would drop down to thirteen or fourteen points the last two weeks of September. Director Don expressed landowners and wine grape growers in his division would like to draw the water season out as long as possible even if animal amounts. Director Willard and Director Valicoff both agreed with extending the water season out as well. No action was requested from the Board.

District Manager Revell presented to the Board the (DID #11) Drainage Improvement District #11 budget for 2025. Director Valicoff and Roza staff met with DID #11 Board of Directors on August 5th and reviewed their 2025 draft budget. The proposed 2025 budget is increased by approximately \$1,300, primarily due to insurance and maintenance supplies. Following discussion, Mr. Willard moved, seconded by Mr. Don, and unanimously approved Drainage Improvement District #11 proposed draft 2025 budget.

District Manager Revell and Staff discussed the 2024-2025 preliminary winter work program list detailed in the staff report. Mr. Revell noted some Staff has prepared an extensive list of maintenance projects which will address issues that have arisen during the 2024 irrigation season and several projects from last winter's program which will be finished this winter. A few of the projects include: the Pump 3 Low Enclosed Conduit System, ten main canal concrete panel repairs, several road repairs/improvements, thirteen courtesy valves, which will complete the process. The project's cost an estimated \$3,151,400 and will be funded from several sources as detailed in the staff report. No action was requested from the Board.

District Manager Revell reported to the Board that the district is need of additional crushed rock for work on the Main Canal Road, lateral canal roads and miscellaneous construction projects and requested from the Board authorization to crush rock at the Houghton pit in the fall of 2024. The proposed amount should create a three-to-five-year supply of crushed rock. The district had been obtaining crushed rock from a pit in Wapato, the price has increased by over 60% in recent months

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REGULAR MEETING MINUTES

September 10, 2024

and the cost efficiencies are no longer present. Following discussion, Mr. Don moved, seconded by Mr. Sheehan, and unanimously approved authorizing rock crushing at the Houghton pit of up to \$310,500 from the 2024 funds combined with unspent reserves.

The President declared the Board to be in executive session for an estimated twenty minutes beginning at 10:30 A.M. pursuant to:

- a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella, National Pollutant Discharge Elimination System (NPDES) permit appeal, Endangered Species Act and water rights.
- b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate 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.

The Board returned at 10:50 A.M. and noted the presiding officer had determined that the Board would be in executive session for an additional fifteen minutes.

The Board returned at 11:05 A.M. and noted the presiding officer had determined that the Board would be in executive session for an additional fifteen minutes.

The President returned the Board to regular session at 11:16 P.M.

Engineering Manager Wayne Sonnichsen presented to the Board the (RSBOJC) Roza-Sunnyside Board of Joint Control server system upgrade budget and noted there are several items that Kelly Connect is recommending upgrading. Upgrades will include security system upgrades for all locations, upgrade to the Domain Name System server to increase performance in accessing files, upgrade to new host servers, which aims to improve manageability of RSBOJC's IT infrastructure. These items are included in the RSBOJC budget and Staff at both Roza and SVID will seek approval of these upgrade items by their respective Board of Directors at the October Board meeting.

Engineering Manager Wayne Sonnichsen reported to the Board on the Pump Station 16 pump purchase. Flowsolve, the pump manufacturer has recently provided Roza with price quotes for the manufacture of the Pump 16 high lift pump cases. The first (A-stage) and second stage (B-stage) pumps are the same price. Given the favorable price quote staff is seeking approval to upgrade the A-stage and B-stage pumps, a total of six pumps, along with replacement of the switchgear which would set the Pump 16 plant up for long-term reliable service. At the June 11th Board meeting the total budgeted cost approved to upgrade the Pump 16 plant was \$4,466,240. A Pump Station Capital Improvement plan revised September 4th shows an expected cost of \$4,026,240 for this Pump Plant 16 upgrade. Following discussion, Mr. Winckler moved, seconded by Mr. Don, and unanimously approved the purchase of six replacement pumps and new switchgear for pump plant 16.

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.

Policy Director Sage Park presented, and the Board reviewed the Policy Director's monthly report.

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

No further business appearing and upon motion duly made, seconded, and unanimously passed, the Board did there upon adjourn at 12:35 P.M. on Tuesday September 10, 2024.

ATTEST:

SECRETARY

PRESIDENT

ROZA IRRIGATION DISTRICT
STATUS OF INVESTING ACCOUNTS
September 30, 2024

BANK	\$ AMOUNT	INTEREST EARNED	INTEREST RATE	BALANCE
L.G.I.P.	\$20,253,357.42	81,996.11	5.2191%	\$20,335,353.53
U.S. - MIA INV.	\$75.03	31.85	0.14905%	\$106.88
U.S. - SAVINGS	\$2,495.84	0.68	0.05%	\$2,496.52
U.S. - CHECKING	\$118,288.78	18.48	0.01%	\$118,307.26
TOTAL				\$20,456,264.19

ROZA IRRIGATION DISTRICT
STATUS OF INVESTMENTS
September 30, 2024

INVESTMENT	RATE	MATURE	EXPENSE	TOTAL
			0.00	0.00
TOTALS:			0.00	0.00

TOTAL OF ALL CASH	20,456,264.19
MINUS RESTRICTED CASH	0.00
Reserve/Memo\$)	
(Drought)	3,647,517.85
(WSD)	4,510,984.16
TOTAL O & M CASH	12,297,762.18

ROZA IRRIGATION DISTRICT
TREASURER'S FINANCIAL STATEMENT
September 30, 2024

	EXPENSE	CONST.	RESERVE	MEMO	TOTAL
Balance First of Month	17,184,126.53	307,121.49	0.00	0.00	17,491,248.02
Collections	15,524.88	80.07			15,604.95
Miscellaneous	3,614,720.04				3,614,720.04
Matured Investments					0.00
Interest	83,480.53				83,480.53
Transfers					0.00
TOTAL	20,897,851.98	307,201.56	0.00	0.00	21,205,053.54
LESS:					
Voucher Checks Issued	211,363.34	0.00			211,363.34
Misc. Checks Issued	537,465.61			0.00	537,465.61
Tier 2 Checks					0.00
NSF Check Returned					0.00
Bank Charge	9.09				9.09
Void Check	-48.69				-48.69
TOTAL PAID	748,789.35	0.00	0.00	0.00	748,789.35
Balance End of Month	20,149,062.63	307,201.56	0.00	0.00	20,456,264.19

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	2024 YTD	2023 YTD
ASSESSMENT INCOME/O & M	0.00	14,683,426.46	14,094,693.78
ASSESSMENT INCOME/CONST	0.00	0.00	1,351.05
TOTAL ASSESSMENT INCOME	0.00	14,683,426.46	14,096,044.83
INTEREST INCOME/INV/DELINQ	720.73	6,514.45	13,539.82
INTEREST INCOME/INV/OTHER	80,460.07	655,816.79	617,946.32
TOTAL INTEREST INCOME	81,180.80	662,331.24	631,486.14
RENTAL INCOME/HOUSES	603.46	4,933.87	4,312.39
TOTAL RENTAL INCOME	603.46	4,933.87	4,312.39
DISP OF FIXED ASSETS INCOME	9,014.04	1,674.75	(89.67)
MISC INCOME	1,430.59	169,037.65	155,899.73
TIER 2 INCOME	283.32	1,227.71	763.81
MISC. INCOME/HEALTH/SAFETY	10,455.59	75,190.78	71,926.37
MISC. INCOME/WATER LEASES	3,400,000.00	3,400,000.00	0.00
MISC INCOME/24-25 PRESSURE PROJECT	0.00	500,000.00	0.00
MISC INCOME/ AQUALASTIC LINING	0.00	284,867.00	0.00
MISC INCOME/23-24 PRESSURE PROJECT	63,257.00	63,257.00	0.00
TOTAL MISCELLANEOUS INCOME	3,484,440.54	4,495,254.89	228,500.24
TOTAL OF ALL INCOME	3,566,224.80	19,845,946.46	14,960,343.60
MC/LINED/BURNING	0.00	11,751.61	11,635.68
MC/LINED/CLEANING	0.00	6,563.01	7,473.37
MC/LINED/GROUTING	0.00	6,244.12	39,604.21
MC/LINED/REPAIR	452.22	4,498.84	13,552.19
MC/LINED/SEALING	0.00	300,169.60	0.00
MC/LINED/DRAINS	1,081.78	14,564.97	19,861.34
MC/UNLINED/BURNING	0.00	36,048.70	39,328.54
MC/UNLINED/CLEANING	7,117.33	45,092.49	41,880.46
MC/UNLINED/REPAIR	1,674.30	16,359.31	28,912.81
MC/GROUND WEEDS/SPRAY	12,804.17	173,899.42	59,108.03
MC/GROUND WEEDS/PULL	551.76	4,656.19	2,760.28
MC/GROUND WEEDS/MOW	44,869.12	228,752.44	160,779.93
MC/AQUATIC WEEDS	3,440.30	55,662.16	171,874.04
MC/STRUCTURES/CLEANING	2,036.33	26,246.52	15,547.94
MC/STRUCTURES/CONST	0.00	21,931.04	15,961.71
MC/STRUCTURES/GRAVEL PACK	3,527.00	14,969.97	32,531.57
MC/STRUCTURES/GROUT	0.00	979.20	244.45
MC/STRUCTURES/REPAIR	439.64	33,049.10	16,777.88
MC/WATER MEASUREMENT	0.00	40,920.36	12,888.68
MC/SCADA/O & M	586.43	10,416.26	5,455.00
MC/AUTOMATED STRUC/REPAIR	708.04	12,296.58	41,645.26
MC/ROADS/CONST	0.00	14,431.82	0.00
MC/ROADS/BRIDGES,CATTLE GUARDS	1,356.79	17,601.61	7,721.17

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	2024 YTD	2023 YTD
MC/ROADS/REPAIR	11,409.34	16,091.83	66,774.05
MC/WASTEWAYS/BURN	0.00	1,237.61	3,197.13
MC/WASTEWAYS/CLEAN	253.76	2,420.97	11,149.65
MC/WASTEWAYS/REPAIR	0.00	720.48	4,483.29
MC/SIPHON & TUNNELS/CLEAN	0.00	316.39	6,178.23
MC/SIPHONS & TUNNELS/REPAIR	210.30	19,196.21	29,788.79
MC/UNDERSHOTS/CLEAN	0.00	1,002.68	12,321.66
MC/UNDERSHOTS/REPAIR	0.00	52,562.12	1,806.88
TOTAL MAIN CANALS	92,518.61	1,190,653.61	881,244.22
LATERAL/PIPED/CONST	0.00	18,223.54	29,382.05
LATERAL/PIPED/REPAIR	2,981.37	33,886.37	25,391.53
LATERAL/PIPED/LOCATING	270.56	771.56	3,954.11
LATERAL/OPEN/BURNING	130.36	28,026.98	23,246.40
LATERAL/OPEN/CLEAN	3,916.65	34,529.03	18,931.98
LATERAL/OPEN/CORING	105.15	682.84	11,968.70
LATERAL/OPEN/REPAIR	270.56	13,604.40	11,777.48
LATERAL/GROUND WEEDS/SPRAY	675.96	7,848.89	9,272.02
LATERAL/GROUND WEEDS/PULL	0.00	5,350.70	3,145.82
LATERAL/GROUND WEEDS/MOW	31,386.19	70,035.73	76,913.29
ECS/REPAIR	15,650.63	128,991.24	149,277.08
LATERAL/AQUATIC WEEDS	3,904.12	7,686.31	6,231.00
LATERAL/STRUCTURES/CONST	0.00	1,801.40	132.38
LATERAL/STRUCTURES/REPAIR	5,192.42	16,504.96	2,460.51
FLOWMETER/REPAIR	1,855.27	36,976.20	49,975.39
LATERAL/ROADS/REPAIR	0.00	2,982.31	2,017.19
LATERAL/WASTEWAYS/CLEAN	0.00	0.00	1,239.44
TOTAL LATERALS	66,339.24	407,902.46	425,316.37
DRAINS/OPEN,TOE/BURN	0.00	48.51	1,706.90
DRAINS/OPEN,TOE/CLEAN	397.29	904.65	1,312.52
DRAINS/OPEN,TOE/REPAIR	0.00	283.75	0.00
DRAINS/OPEN,TOE/SPRAY	292.80	292.80	0.00
DRAINS/OPEN,TOE/MOW	0.00	0.00	1,625.08
DRAINS/OPEN,OUTLET/BURN	0.00	5,490.48	557.39
DRAINS/OPEN,OUTLET/CLEAN	777.40	12,283.17	5,222.73
DRAINS/OPEN,OUTLET/CONST	0.00	293.30	0.00
DRAINS/OPEN,OUTLET/REPAIR	0.00	332.16	0.00
DRAINS/OPEN,OUTLET/SPRAY	0.00	67.68	125.96
DRAINS/OPEN,OUTLET/PULL	0.00	439.86	164.46
DRAINS/OPEN,OUTLET/MOW	0.00	980.46	83.60
DRAINS/OPEN,PICKUP/REPAIR	0.00	42.36	0.00
DRAINS/OPEN,PICKUP/SPRAY	0.00	179.25	0.00
ROZA MAINT/DID #11/CLEAN	0.00	5,174.73	16,331.76
ROZA MAINT/DID #11/CONST	0.00	185.72	0.00
ROZA MAINT/DID #11/REPAIR	0.00	444.46	0.00
ROZA MAINT/DID #11/PULL	0.00	0.00	253.54

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	2024 YTD	2023 YTD
ROZA MAINT/DID #11/MOW & CUT	0.00	4,700.94	18,096.16
JOINT DRAINS/SVID	23,166.09	236,347.17	286,346.23
DRAINS/DID #11	0.00	2,689.55	3,488.99
DRAINS/PIPED,TOE/CONST	0.00	0.00	67.72
DRAINS/PIPED,TOE/REPAIR	78.98	3,294.15	5,599.43
DRAINS/PIPED,OUTLET/REPAIR	328.08	328.08	0.00
DRAINS/PUMP,SVID WTR TRNSFR	12,252.91	68,594.11	0.00
TOTAL DRAINS	37,293.55	343,397.34	340,982.47
PUMP PLANT/PUMP	21,209.51	157,493.53	132,171.90
PUMP PLANT/MOTOR	0.00	42,246.67	53,925.78
PUMP PLANT/CONTROLS	3,597.91	54,526.55	79,570.23
PUMP PLANT/STRUCTURES	157.95	20,854.06	498.23
PUMP PLANT/PIPE & VALVES	1,086.55	34,838.62	11,785.60
PUMP MAINT SHOP	90.55	262.05	1,742.90
PUMP PLANT/SCREENS O & M	0.00	9,131.31	8,950.22
PUMPS/SILT REMOVAL	0.00	4,656.53	3,895.84
FLOATING PUMP PLANT/STUDY	787.50	27,842.25	40,869.08
P10 UPGRADE	166.27	166.27	0.00
P14 UPGRADE	0.00	299.82	6,527.99
P16 UPGRADE	0.00	16,209.30	19,377.47
TOTAL PUMPS	27,096.24	368,526.96	359,315.24
SAFETY	15,354.17	31,700.26	18,376.40
DRUG TESTING	26.07	369.50	2,784.68
PORTA POTTY'S	697.69	5,797.32	3,103.74
TOTAL SAFETY/DRUG TESTING	16,077.93	37,867.08	24,264.82
21-22 PRESSURE PROJECT	0.00	0.00	97,445.18
22-23 PRESSURE PROJECT	0.00	0.00	468,785.75
23-24 PRESSURE PROJECT	0.00	546,776.16	1,095,629.42
24-25 PRESSURE PROJECT	87,021.81	685,547.78	1,630.66
TOTAL PRESSURE PROJECTS	87,021.81	1,232,323.94	1,663,491.01
REIMB/PRIVATE INDIV	3,004.22	29,011.99	11,544.42
TOTAL REIMBURSABLES	3,004.22	29,011.99	11,544.42
EQUIPMENT EXPENSE	17.37	32,137.49	(14,263.69)
EQUIPMENT EXPENSE/MISC	3,727.59	17,465.58	18,246.27
EQUIPMENT EXPENSE/TOOLS	2,018.81	11,863.03	9,767.20
STOREHOUSE EXPENSE	16,290.35	121,726.04	119,614.34
SHOP EXPENSE	9,837.58	51,183.36	54,437.44
YARD BUILDING EXPENSE	644.48	12,764.05	4,746.25
OFFICE BUILDING EXPENSE	1,836.20	4,097.25	33,709.30
SHOP BUILDING EXPENSE	35.05	380.25	12,648.00
WAREHOUSE BUILDING EXPENSE	0.00	4,970.31	2,577.55
GROUNDS EXPENSE	4,436.09	30,998.42	57,906.52

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	2024 YTD	2023 YTD
DISTRICT HOUSES/MISC	0.00	0.00	7,151.10
DISTRICT HOUSE/WW3	0.00	0.00	574.98
DISTRICT HOUSE/P8	0.00	0.00	15,876.64
DISTRICT HOUSE/P13E	0.00	0.00	10,752.56
DISTRICT HOUSE/P13W	0.00	0.00	428.96
DISTRICT HOUSE/P14W	0.00	0.00	10,553.65
SHOW UP TIME	0.00	107.54	0.00
RADIO	0.00	0.00	10,664.12
UTILITIES/SHOP & WAREHOUSE	331.73	4,514.54	4,351.21
UTILITIES/GATES & WASTEWAY	98.47	589.31	537.59
WW6 REREG/O & M	121.15	30,193.20	6,197.23
WW7 REREG/O & M	891.59	3,419.80	13,207.39
WW5 REREG/O&M	2,662.52	66,824.45	36,249.78
TOTAL EQUIPMENT/BUILDINGS	42,948.98	393,234.62	415,934.39
WATER MANAGEMENT	116,089.27	566,140.10	539,794.10
TOTAL WATER MANAGEMENT	116,089.27	566,140.10	539,794.10
CONTRACT/USBR/STORAGE	0.00	523,000.00	802,000.00
CONTRACT/USBR/RESERVED WORK	0.00	322,000.00	319,000.00
CONTRACT/USBR/POWER	0.00	1,113,350.00	1,113,350.00
CONTRACT/USBR/KACHESS	0.00	381,844.35	368,807.00
TOTAL USBR CONTRACTS	0.00	2,340,194.35	2,603,157.00
ADMIN & GENERAL SALARIES	101,752.20	722,550.03	680,233.58
DIRECTOR'S FEES	1,610.00	13,235.50	7,296.00
POLICY DIRECTOR	9,182.21	61,071.59	0.00
ENGINEERING MATERIALS	0.00	2,294.67	2,721.90
COMPUTER EXPENSE	0.00	4,413.27	13,710.70
COMPUTER PROGRAMS	0.00	3,680.21	4,571.26
COMPUTER MAINTENANCE	199.00	3,345.90	2,571.28
HEALTH & SAFETY COORD	8,448.45	49,757.08	47,550.68
ANNUAL LEAVE/UNION	23,925.30	106,146.58	111,374.72
SICK LEAVE/UNION	8,180.27	56,384.11	78,385.26
HOLIDAY/UNION	0.00	59,084.50	55,619.90
JURY DUTY/UNION	0.00	270.40	0.00
ADMINISTRATIVE LEAVE/UNION	10,116.40	22,578.26	2,519.20
SOCIAL SECURITY & MED TAXES	34,564.33	233,933.82	211,767.12
TAXES/UNEMPLOYMENT/UNION	0.00	3,466.63	2,852.73
INDUSTRIAL INSURANCE	10,009.17	70,428.31	51,822.57
GROUP INSURANCE/UNION	36,539.82	284,094.76	255,935.06
STATE RETIREMENT	39,948.31	280,362.82	270,650.50
WA. PAID LEAVE	942.28	6,437.62	5,915.69
ANNUAL LEAVE/NON-UNION	26,168.39	92,952.50	69,829.68
SICK LEAVE/NON-UNION	4,236.83	21,251.16	9,817.27
HOLIDAY/NON-UNION	0.00	32,189.70	28,278.36
GROUP INS/NON-UNION	17,743.24	131,498.56	115,773.76

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	2024 YTD	2023 YTD
TRAVEL & MILEAGE/ADMIN & SUPV	9,267.17	86,406.28	99,098.81
TRAVEL & MILEAGE/DIRECTOR	374.83	6,344.05	2,464.32
TOTAL ADMIN & GENERAL EXPENSES	343,208.20	2,354,178.31	2,130,760.35
ACCOUNTING & LEGAL SERVICES	0.00	2,200.00	2,100.00
LEGAL	4,941.00	61,957.18	32,493.43
LEGAL/WATER RIGHTS	0.00	96,172.86	89,316.63
TOTAL LEGAL EXPENSES	4,941.00	160,330.04	123,910.06
INSURANCE/PROPERTY	3,625.80	29,286.76	23,363.92
INSURANCE/INJURY & DAMAGES	32,114.22	259,268.67	218,978.60
INSURANCE/DIRECTORS & OFFICERS	2,071.89	16,727.11	14,079.84
INSURANCE/OTHER	988.33	6,921.64	6,766.64
TOTAL INSURANCE EXPENSES	38,800.24	312,204.18	263,189.00
PHONE/877-3880	145.38	1,156.21	1,099.64
PHONE/973-2441	146.39	1,240.81	1,162.89
CELLULAR PHONES	4,120.69	35,156.66	29,711.36
TOTAL PHONE EXPENSES	4,412.46	37,553.68	31,973.89
A/P DISCOUNTS	(658.46)	(4,048.11)	(3,092.66)
GIS	231.74	2,302.09	2,338.33
MISC. TAXES	0.00	341.95	254.95
UTILITIES/OFFICE	869.12	6,845.28	7,037.55
WATER LEASES	0.00	3,456,763.11	0.00
ROZA-SVID BOJC	0.00	399,300.00	388,977.00
OFFICE EQUIPMENT	0.00	864.52	11,035.32
OFFICE EXPENSE	2,620.22	24,580.80	35,480.10
PUBLISHING	0.00	3,789.31	2,561.83
DUES & SUBSCRIPTIONS	0.00	44,037.56	43,967.70
BAD DEBT EXPENSE	0.00	878.50	0.00
TOTAL MISCELLANEOUS EXPENSES	3,062.62	3,935,655.01	488,560.12
DEPRECIATION/EQUIPMENT	24,435.82	206,819.95	192,211.68
DEPRECIATION/ECS	64,022.54	512,180.34	476,167.67
DEPRECIATION/WW5 REREG	51,486.13	411,889.04	411,889.04
TOTAL DEPRECIATION	139,944.49	1,130,889.33	1,080,268.39
TOTAL OF ALL EXPENSES	1,022,758.86	14,840,063.00	11,383,705.85
NET INCOME (LOSS)	2,543,465.94	5,005,883.46	3,576,637.75

COMPARATIVE BALANCE SHEET

Roza Irrigation District

For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
CASH IN BANK/CHECKING	70,869.04	453,005.87	(382,136.83)
CASH IN BANK/O & M	17,113,257.49	17,965,725.84	(852,468.35)
CASH IN BANK/CONST	307,121.49	324,396.72	(17,275.23)
CASH IN BANK/PREPAIDS	0.00	27,715.18	(27,715.18)
CASH IN BANK/USBR RESERVE	0.00	288,000.00	(288,000.00)
PETTY CASH	100.00	100.00	0.00
TOTAL OF ALL CASH	17,491,348.02	19,058,943.61	(1,567,595.59)
ACCOUNTS RECEIVABLE	3,640,635.41	128,284.91	3,512,350.50
TOTAL CURRENT RECEIVABLES	3,640,635.41	128,284.91	3,512,350.50
ASSESSMENT RECEIVABLE/O & M	264,656.41	161,478.84	103,177.57
ASSESSMENT RECEIVABLE/CONST	960.04	1,686.99	(726.95)
ASSESSMENT RECEIVABLE/DELINQUENT INTERES	20,616.27	14,620.96	5,995.31
ASSESSMENT RECEIVABLE/MISC BILLS	1,991.85	1,222.26	769.59
TOTAL ASSESSMENT RECEIVABLES	288,224.57	179,009.05	109,215.52
INVENTORY/GAS & OIL	18,035.63	8,701.69	9,333.94
INVENTORY/VEHICLE SHOP	115,258.95	76,799.51	38,459.44
INVENTORY/SUPPLIES	651,877.18	569,558.71	82,318.47
TOTAL INVENTORY	785,171.76	655,059.91	130,111.85
PREPAID INSURANCE	157,891.56	133,969.04	23,922.52
PREPAID SVID JOINT DRAINS	66,010.36	60,618.58	5,391.78
PREPAID COSTS/WARRANTYS	1,575.26	1,535.28	39.98
TOTAL PREPAIDS	225,477.18	196,122.90	29,354.28
TOTAL OF ALL CURRENT ASSETS	22,430,856.94	20,217,420.38	2,213,436.56
LAND & LAND RIGHTS	467,633.44	467,633.44	0.00
BUILDINGS	90,689.05	90,689.05	0.00
ENCLOSED CONDUIT SYSTEM	40,269,019.02	37,904,537.08	2,364,481.94
PUMP UPGRADES	619,008.10	580,422.09	38,586.01
WW6 REREG	336,280.37	336,280.37	0.00
WW7 REREG	539,933.11	539,933.11	0.00
WW5 REREG	30,891,678.06	30,891,678.06	0.00
CONST & MAINT EQUIPMENT	8,194,523.00	8,002,064.94	192,458.06
MISC EQUIPMENT	1,204,405.61	1,180,929.19	23,476.42
OFFICE EQUIPMENT	104,622.86	115,681.38	(11,058.52)
COMPUTER SOFTWARE	44,813.41	44,813.41	0.00
TOTAL CAPITAL ASSETS	82,762,606.03	80,154,662.12	2,607,943.91

COMPARATIVE BALANCE SHEET
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
BUILDINGS/ACCUMULATED DEPRECIATION	(90,689.05)	(90,689.05)	0.00
ECS/ACCUMULATED DEPRECIATION	(12,517,386.25)	(11,731,109.41)	(786,276.84)
WW6 REREG/ACCUMULATED DEPRECIATION	(336,280.37)	(336,280.37)	0.00
WW7 REREG/ACCUMULATED DEPRECIATION	(409,719.97)	(381,817.16)	(27,902.81)
WW5 REREG/ACCUMULATED DEPRECIATION	(3,758,487.45)	(3,140,653.89)	(617,833.56)
EQUIPMENT/ACCUMULATED DEPRECIATION	(4,591,216.44)	(4,433,768.58)	(157,447.86)
MISC EQUIPMENT/ACCUMULATED DEPRECIATION	(977,742.62)	(919,956.69)	(57,785.93)
OFFICE EQUIPMENT/ACCUMULATED DEPRECIATION	(86,076.87)	(93,497.21)	7,420.34
COMPUTER SOFTWARE/ACCUMULATED DEPRECIATION	(44,630.07)	(36,817.92)	(7,812.15)
CAPITAL ASSETS ACCUM DEPRECIATION	(22,812,229.09)	(21,164,590.28)	(1,647,638.81)
USBR KACHESS OBLIGATION REC.	306,763.65	748,791.00	(442,027.35)
TOTAL CONST RECEIVABLE	306,763.65	748,791.00	(442,027.35)
NET PENSION ASSET	1,175,420.00	1,148,795.00	26,625.00
TOTAL NET PENSION ASSET	1,175,420.00	1,148,795.00	26,625.00
TOTAL OF ALL ASSETS	83,863,417.53	81,105,078.22	2,758,339.31
DEFERRED OUTFLOWS/PENSIONS	1,008,435.02	1,161,227.02	(152,792.00)
TOTAL DEFERRED OUTFLOWS/PENSIONS	1,008,435.02	1,161,227.02	(152,792.00)
TOTAL ASSETS AND DEFERRED OUTFLOWS	84,871,852.55	82,266,305.24	2,605,547.31
ACCOUNTS PAYABLE/EXPENSE	211,363.34	254,738.66	(43,375.32)
ACCOUNTS PAYABLE/USBR/CONST	0.00	18,002.14	(18,002.14)
TOTAL ACCOUNTS PAYABLE	211,363.34	272,740.80	(61,377.46)
ACCRUED WAGES PAYABLE	68,592.02	170,814.80	(102,222.78)
ACCRUED ANNUAL LEAVE PAYABLE	443,419.46	424,370.68	19,048.78
ACCRUED SICK LEAVE PAYABLE	606,037.89	576,482.78	29,555.11
ACCRUED SALES TAX PAYABLE	725.55	2,074.93	(1,349.38)
ACCRUED TAXES PAYABLE	179.28	157.54	21.74
FICA TAXES PAYABLE	13,546.32	35,116.58	(21,570.26)
ACCRUED IND INS PAYABLE	27,847.73	21,614.14	6,233.59
WITHHOLDING TAX PAYABLE	6,095.78	20,886.98	(14,791.20)
ACCRUED RET. DEDUC & MATCH	59,728.89	57,093.50	2,635.39
MISC PAYROLL DEDUCTIONS	7,496.65	7,998.09	(501.44)
ACCR WA PD LEAVE DEDUCT&MATCH	7,223.68	6,941.82	281.86
ACC WA CARES FUND	5,027.79	4,474.82	552.97

COMPARATIVE BALANCE SHEET
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2024

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
TOTAL ACCRUED EXPENSES	1,245,921.04	1,328,026.66	(82,105.62)
DEPOSITS/EXTRA WATER	216.66	134.79	81.87
DEPOSITS/ FULL COST WATER	0.00	27,715.18	(27,715.18)
OVERPAYMENT	0.00	1.02	(1.02)
TOTAL PREPAIDS/DEPOSITS	216.66	27,850.99	(27,634.33)
CONTRACT PAY/USBR/KACHESS	306,763.65	748,791.00	(442,027.35)
TOTAL LONG TERM LIABILITIES	306,763.65	748,791.00	(442,027.35)
NET PENSION LIABILITY	506,470.00	663,236.00	(156,766.00)
TOTAL NET PENSION LIABILITY	506,470.00	663,236.00	(156,766.00)
TOTAL OF ALL LIABILITIES	2,270,734.69	3,040,645.45	(769,910.76)
DEFERRED INFLOWS/PENSIONS	663,451.00	1,210,702.00	(547,251.00)
TOTAL DEFERRED INFLOWS/PENSIONS	663,451.00	1,210,702.00	(547,251.00)
RESERVE/USBR - CONST OBLIG	0.00	288,000.00	(288,000.00)
TOTAL RESERVES	0.00	288,000.00	(288,000.00)
UNAPPROPRIATED SURPLUS	76,931,783.40	74,150,320.04	2,781,463.36
NET INCOME (LOSS)	5,005,883.46	3,576,637.75	1,429,245.71
TOTAL UNRESERVED	81,937,666.86	77,726,957.79	4,210,709.07
TOTAL EQUITY	81,937,666.86	78,014,957.79	3,922,709.07
TOTAL LIABILITY, EQUITY & DEFERRED INFLOWS	84,871,852.55	82,266,305.24	2,605,547.31

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Roza Irrigation District
VENDOR CHECK REGISTER REPORT
Payables Management

Page: 1
User ID: williajm

Ranges:	From:	To:	From:	To:
Check Number	First	Last	Check Date	9/1/2024 9/30/2024
Vendor ID	First	Last	Checkbook ID	PRE-PAIDS PRE-PAIDS
Vendor Name	First	Last		

Sorted By: Check Number

* Voided Checks

Check Number	Vendor Check Name	Check Date	Amount
08-24	DEPARTMENT OF REVENUE	9/24/2024	\$353.45
09-2024	DEPARTMENT OF REVENUE	9/16/2024	\$48.69
09-24	U.S. BANK	9/19/2024	\$2,504.93
15-24	WASH STATE SUPPORT REGISTRY	9/13/2024	\$558.83
16-24	WASH STATE SUPPORT REGISTRY	9/27/2024	\$558.83
21-24	ROZA PAYROLL PAYABLE	9/13/2024	\$68,592.02
22-24	ROZA PAYROLL PAYABLE	9/13/2024	\$64,993.58
23-24	ROZA PAYROLL PAYABLE	9/27/2024	\$118,756.09
24-20	U.S. BANK/E.F.T.P.S.	9/13/2024	\$39,181.11
24-21	U.S. BANK/E.F.T.P.S.	9/27/2024	\$44,825.76
70943	YAKIMA COUNTY AUDITOR	9/5/2024	\$4,265.00
70944	SYMETRA LIFE INSURANCE CO.	9/6/2024	\$525.06
70945	U.S. CELLULAR	9/6/2024	\$760.32
70946	CENTURYLINK	9/6/2024	\$25.04
70947	BRANDCRAFT MEDIA, LLC	9/6/2024	\$199.00
70948	WASHINGTON STATE WATER RESOURC	9/6/2024	\$95.17
70949	U.S. CELLULAR	9/6/2024	\$78.47
70950	QUILL CORPORATION	9/6/2024	\$451.09
70951	ALI BRIONES	9/6/2024	\$25.00
70952	RYAN SLACK	9/6/2024	\$25.00
70953	KELLEY CREATE	9/6/2024	\$36.41
71020	RETTIG FORGETTE ILLER BOWERS,	9/10/2024	\$5,562.00
71021	NW LABORERS TRUST FUND	9/10/2024	\$61,976.00
71022	YAKIMA WASTE SYSTEMS, INC.	9/11/2024	\$117.68
71023	EPCO INC.	9/11/2024	\$186.96
71024	MONTAGE ENTERPRISES, INC.	9/11/2024	\$1,624.20
71025	VALLEY AGRONOMICS LLC	9/11/2024	\$420.00
71026	AT&T MOBILITY	9/11/2024	\$154.65
71027	LAZARO LOPEZ	9/11/2024	\$242.95
71028	CLIFF'S SEPTIC TANK SERVICE	9/11/2024	\$665.43
71029	ROZA EMPLOYEE BENEFIT FUND	9/13/2024	\$88.00
71030	DEPARTMENT OF RETIREMENT	9/13/2024	\$3,469.41
71031	DEPARTMENT OF RETIREMENT	9/12/2024	\$59,728.89
71032	OXARC, INC.	9/12/2024	\$40.26
71033	BENTON COUNTY AUDITOR	9/12/2024	\$59.00
71034	CASCADE NATURAL GAS CO.	9/16/2024	\$82.48
71035	CENTURYLINK	9/16/2024	\$169.26
71036	IMAGICOMM YAKIMA	9/16/2024	\$300.00
71037	OXARC, INC.	9/16/2024	\$92.95
71038	YAKIMA COUNTY G.I.S.	9/16/2024	\$231.74
71039	URIBE'S TREE SERVICE, LLC	9/16/2024	\$4,765.20
71040	IMAGICOMM YAKIMA	9/16/2024	\$700.00
71041	EMAINT ENTERPRISES LLC	9/16/2024	\$5,560.72
71042	CO-ENERGY	9/16/2024	\$3,266.90
71043	JOE GOLDEN	9/18/2024	\$16.68
71044	RANDALL WYATT	9/18/2024	\$16.68
71045	CENTURYLINK	9/18/2024	\$74.22
71046	SHANNON & WILSON, INC.	9/18/2024	\$307.50
71047	QUILL CORPORATION	9/18/2024	\$772.47
71048	WILBUR-ELLIS	9/18/2024	\$1,471.42
71049	U.S. CELLULAR	9/18/2024	\$4,036.14
71050	CASCADIA LAW GROUP	9/18/2024	\$5,403.13
71051	KELLEY CREATE	9/18/2024	\$1,006.16
71052	NOE GUZMAN/C&C JANITORIAL	9/23/2024	\$385.00
71053	CO-ENERGY	9/23/2024	\$10,867.87
71054	ERF COMPANY, INC.	9/23/2024	\$543.50


* Voided Checks

Check Number	Vendor ID	Vendor Check Name	Check Date	Checkbook ID	Audit Trail Code	Amount
71055		LAD IRRIGATION COMPANY	9/23/2024			\$2,768.18
71056		CENTRAL CHAIN & TRANSMISSION	9/24/2024			\$3,173.91
71057		NOE GUZMAN/C&C JANITORIAL	9/26/2024			\$385.00
71058		ASM AFFIILIATES	9/26/2024			\$3,423.75
71059		DEPARTMENT OF RETIREMENT	9/27/2024			\$3,469.41
71060		ROZA EMPLOYEE BENEFIT FUND	9/27/2024			\$90.00
71061		LABORER'S LOCAL UNION 348	9/27/2024			\$2,337.00
71062		AFLAC	9/27/2024			\$554.06
Total Checks: 64		Total Amount of Checks:				\$537,465.61

Item #3



To: Board of Directors

From: Scott Revell, District Manager 

Date: October 8, 2024

Re: September Water Supply Forecast and Drought Management

September 5, 2024 Water Supply Update

- ✓ USBR issued a water supply forecast of 52% for Roza and the other prorable irrigation entities, which was unchanged from September.
- ✓ Water storage: Water in storage is 34% of average.

<u>Reservoir storage status on Sept. 5, 2024</u>		<u>Capacity (Ac. Ft)</u>
Keechelus	7%	157,800
Kachess	19%	239,000
Cle Elum	4%	436,900
Bumping	23%	33,970
Rimrock	13%	198,000
Total	10% of capacity	1,065,670

- ✓ Precipitation for the water year is 84% of average to date.
- ✓ Carryover water storage in the five reservoirs going into the 2025 water year will be functionally zero. Any water that is projected to be carried over is required for winter fish flows below the reservoirs.
- ✓ 127,000-acre feet is the drought target in Rimrock Reservoir through August 10th due to Bull Trout entrainment impacts and the remaining water flowing out at extremely high velocity. Rimrock has no inactive storage as there was no lake present prior to the construction of Tieton Dam. 30,000-acre feet is the target low pool content.
- ✓ There was no October water allocation for the prorable water right holding entities (Roza/KRD/WIP).
- ✓ The 2025 water year begins on October 1st.

2024 vs 2015 Water Supply Forecasts

Monthly Supply Forecast	2024 Adopted Forecast	2024 Low End Forecast**	2015 Adopted Forecast	2015 Low End Forecast
March	72%	47%	73%	58%
Late March	61%-68%	46% to 57%	Not done	Not done
April	63%	51%	60%	45%
Late April	51% to 58%	40% to 50%	54%	Not done
May	54%	46%	47%	35%-38%
Late May	51%*	N/A	44%	Not done
June	47%	36%	44%	37%
Late June	48%	40%	Not done	Not done
July	51%	43%	44%	41%
Mid July	50%	45%	46%	Not done
August	51%	46%	47%	41%
Mid-August	51%	48%	47%	Not done
September	52%	49%	47%	44%
October	52%	N/A	47%	N/A

*A range of 56% to 46% was issued on May 16th. The USBR river operators explained that 51% is the midpoint of the range and is a reasonable basis for planning.

**Low end forecasts in 2015 were based on 80% of avg precipitation for the remainder of the water year (through Sept 30th).

When the supply forecast increased by 2% unexpectedly in late July 2015 Roza had already shut the system down for 21 days and had imposed maximum restrictions to run the system as tight as physically possible in April, early May and for all of June.

Item #4



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager

Date: October 8, 2024

Re: 2024-25 Winter Work Program

Attachment

1. 2024-25 Winter Work Program

Background

Staff has prepared an extensive list of maintenance projects for the coming off season. Each project has an estimated cost. Some of the projects will address maintenance issues that have arisen during the 2024 irrigation season.

There are also several projects from last winter's program which were not completed for various reasons that will be finished this winter.

There are a couple of projects which can occur during the irrigation season and are included on the winter list for financial planning and work tracking reasons.

Projects

The projects include:

- The Pump 3 Low ECS project.
- The maintenance clean out of the Main Canal downstream of MP 59 to the tail end to remove sediment.
- Main Canal embankment repairs at MPs 47.2, 48.1 & 57.9
- 10 Main Canal and wasteway concrete panel repairs.
- Several road repair/improvement projects.
- Pump station & canal automation upgrades as listed in the revised 2022-26 capital plan.
- Repairs and extensions to undershot walls at five locations on the Main Canal.
- Long stick excavator rental for the second phase of the Moxee A drain clean out w/ companion work at MP 16.5 on the Main Canal
- Installing a gravel pack at MP 32.8 on the Main Canal.
- Replacing the last Main Canal check gate hinge pin
- Lateral canal cleanout work
- Pump plant forebay cleanout

- 13 courtesy valve replacement/metering (which will complete the process)
- \$600,000 of Aqualastic concrete sealing in the Main Canal in Moxee (state grant funds)
- Removal of 3 more dead turnouts from the Main Canal embankment (this is year 3 of a several year schedule)

Project Funding

The projects cost an estimated \$3,151,400 which will be funded as follows:

\$ 2,500,000	2024 O&M budget for enclosed conduit system (ECS)
\$ 135,000	2024 O&M budget (beyond ECS)
\$ 26,000	2023 Capital plan
\$ 108,650	Prior appropriations by the Board
\$ 12,500	Terrace Heights Irrigation District (requires THID concurrence)
\$ 167,000	Drought fund
<u>\$ 382,650</u>	<u>Reserves</u>
\$3,331,800	Total work plan (w/ rock crushing authorization)

There are projects which are funded in both the 2023 and 2024 budgets (O&M and capital).

\$600,000 worth of concrete canal sealing will also occur via a contractor using previously approved state capital grant funds. This amount is not listed in the totals above.

2024-2025 Winter Work Plan

9/25/2024

Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated
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Laterals

1	ECS --> P3L	2,500,000				2,500,000	
2	11.7 turnout (cannot do a push through). The pipe leaks.	50,000	50,000				
3	12.1 pipe turnout to box (450' of 12"pvc)	4,000	4,000				
4	Courtesy Valves - 12 (\$2,500/each) (spent \$22K of 57k in 2023/2024)	42,000	20,000	22,000			
5	Main Canal Turnout screens - 35.5, 62.2	4,000	4,000				
6	Gravel Pack - 32.8	40,000	40,000				
7	P13W siphon 2 and 3 200ft of 15 inch pipe replacement	0	0				
8	P13W del 14 replace 250 ft of 6" pipe	1,700	1,700				

Drains

1	Morrison Drain - 32.8 - add cleanouts	1,000	1,000				
2	Long Stick Excavator Rental- (two months) Moxee A-drain and MC 16.5 to 14.0	33,000	33,000				

Main Canal

1	M.C. Cleanout 59.0 to 84.6 (\$7K fuel) (funded in 2022/2023) * (WWS d/s)	7,000					7,000
2	Aqualastic Project - State funded \$600,600						

Check Structures

Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated
1	Paint Main Canal 29.2 (WW3) Radial Gates (funded in 2022/23) *	500	350				150
2	P8 Check reg gravel washed out area	500	500				

Roads/Gravel

1	Houghton pit rock crushing (\$153k Source from ECS)	310,500				75,000	82,500
2	Pump plant maintenance/repair (build up and gravel yards) (P1, P8, P9, P5) (funded in 2022/23) *	5,000					5,000

Concrete Work

1	Extend undershot walls --- 87.6 (18" - 20'), 91.3 (24" - 20') (previously overspent by \$4k)	24,000	24,000				
2	Extend turnout headwalls (57.0 downstream) (8) (Need to do about 10) \$500 each (funded in 2022/23) * (done)	4,000	4,000				
3	Repair undershot walls (90.4, 65.1 entrance and exit) (funded in 2022/23)	20,000	11,000				9,000
4	Panel replacement \$3,500/panel - 10 panels TBD (Main Canal and Wasteways)	35,000	0			35,000	
5	Remove 3 old Main Canal turnout structures (18 structures will remain) (\$15/yard disposal)	1,000	1,000				
6	WW5 Reservoir Flowmeter vault area drainage (15 CY concrete)	3,000	3,000				

Electrical/Electronic/Measurement/Pump Plant

2	P5 Yard lights	13,000	13,000				
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Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated
3	WW3 Power Pole Replacement	1,800	1,800				
4	WW6 Electrical upgrades - wiring modernization	2,000	2,000				
5	WW7 Electrical upgrades - wiring modernization	1,000	1,000				
6	P9 Plant Electrical upgrades - wiring modernization	2,000	2,000				
7	Upper End Office Propane Nurse Tank Wiring	1,500	1,500				
8	Rhodamine Sensors, 3rd, 4th, 5th Sonde	39,000	39,000				
9	Modem antennas - 12 (Pump stations & Check structures)	3,600	3,600				
10	Pump Motor Testing - WW5, WW6, 81.5 (Severyns Pump)	2,000	2,000				
11	P3L Tube leak in thrust block (This will be part of ECS expense)	0	0				
12	Vacuum Priming Pumps P4 and P5 - (Capital Plan 2024)	14,000	0		14,000		
13	Training - Pump Mechanics	2,000	2,000				
14	32.8 Check Hinge Pin replacement	10,000	10,000				
15	Forebay tubes	10,000	10,000				
16	P13 #3 contactor replacement	6,000	6,000				
17	P9A #1 Phase Protection	3,000	3,000				

Drought Expense Items - Funded from drought fund

* Not Completed

Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated
18	81.5 VFD/Electrical Upgrades (Severns Pump)	13,000	0				
19	12.5 Main Canal Pump back pump panel replacement	2,000	0				
20	P1 Plant Instrumentation	4,000	0				
21	Forebay floats - Capital Plan	8,000	0		8,000		
22	11.7 Main Canal - Adding a pump back - PP&L costs (350-500 AF)	50,000	0				
23	WW5 Reservoir Motors Service(500hp and 700hp) (New motors - 500hp @ \$115k, 700hp @ \$135k) (Estimated)	90,000	0				
Total Drought Expense		167,000					

Station Service Fuses							
(In 2021 -- Installed for pumps 2, 4, 17) (In 2022 -- none) In 2023 purchased for Pumps, 3, 9, 16 (\$27k). They were installed Jan, Feb 2024 (underspent by \$17k from 2023 capital plan)		27,000			27,000		
Motor Protection Relays (trying to find a suitable replacement) * Trying to find suitable replacement				Determine replacement concept and costs			
Main Canal PLC & Motor Controllers - 2 (not yet purchased) (@\$8k/each)		0					

O&M Projects							
1	Spray Main Canal roads						
2	Clean rocks off Main Canal						

* Not Completed

Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated
3	Clean gravel packs (let out during off-season)						
4	Pump plant forebay cleaning (all plants as needed) (about 7/year)						
5	Main Canal Embankment Repair (47.2, 48.1, 57.9) (fuel costs)	3,800	3,800				
6	Lateral cleanout/Drains (fuel costs)	3,500	3,500				
7	Tree cutting - (TBD)	100,000	75,000			25,000	
8	Main Canal Right-of-way encroachments (Make a list of areas)						
9	Remove brush on lined canal and WWs						
10	Clean pickup drains						
11	Siphon 5 rerout vintage rd	5,000	5,000				
12	Clean undershots						
13	WW3 union gap gate						
14	railing at WW3 gate	400	400				
15	fix lining drain exit siphon 6	500	500				
16	Dirt, regravell and install posts around FM pads as needed on ECS laterals. (unspent in 2023/2024)	2,000	0	2,000			
17	WW3 lower section at Freeway						

Inspections

1	Inspect and repair WW3 Sluice Gate (unknown cause of gate sticking) (unspent in 2023)	2,000	0	2,000			
Subtotal Cost		3,675,300	382,650	26,000	49,000	2,635,000	103,650

* Not Completed

Number	Maintenance Item	Cost Estimate	2024/2025 Allocation	Unused 2023 Dollars in Winter Work Plan	2024 Dollars In Capital Plan (being used this winter)	2024 O&M Budget	Previously Appropriated

Terrace Heights ID (THID Funded)							
1	THP Bypass to Main Canal - THID Expense	500					
2	Checks in TH ditch - 2 @ \$700 each	1,400					

Item #5



To: Board of Directors
From: Wayne Sonnichsen, Engineering Manager *WS*
Date: October 8, 2024
Re: 2025 RSBOJC Server System Upgrades Budget

Attachments:

1. Descriptions and costs for proposed upgrades to the Districts' server systems.

Background:

There are several items that Kelley Connect is recommending upgrading the Districts' server systems. These items fall under the RSBOJC budget.

Item	Recurring Cost (\$)	One-time Cost (\$)
Firewall upgrades for all locations	1,395.00	11,075.00
SQL DBA – Lights-on Managed Service	2,400.00	
Internal DNS zones for ROZA.ORG and SVID.ORG		1,320.00
Microsoft 365 – MFA Conditional Access Policies		1,500.00
Upgrade to new host servers		62,216.07
Total	3,795.00	76,111.07

Firewall upgrades – involves adding Sophos Firewall Appliances and configuring them. An annual service fee will be charged to monitor the hardware and configuration and fix any issues that arise.

SQL DBA – Lights-on Managed Service – average of 3 hours weekly of monitoring, maintaining, and optimizing of the Districts' SQL database.

Internal DNS zones for ROZA.ORG and SVID.ORG – upgrade to the Domain Name System (DNS) server to increase performance in accessing files.

Microsoft 365 – MFA Conditional Access Policies – deployment of multi-factor authentication (MFA) to all users to increase security within Microsoft 365.

Upgrade to new host servers – migrate RSBOJC's existing VMware cluster to a new Hyper-V cluster. This migration includes approximately 24 virtual machines (VMs) and aims to enhance performance, improve manageability, and ensure long-term scalability of RSBOJC's IT infrastructure.

More in-depth descriptions of the upgrade items are explained in the attachments.

Staff recommends approval of these upgrade items.

Recommended Motion:

I move to approve the RSBOJC system server upgrades as outlined in the 2025 RSBOJC Budget.



KelleyFWaaS

Quote Information:

Quote #: 013638
Version: 1
Delivered: 07/30/2024
Expires: 08/29/2024

Prepared for:

RSBOJC - Roza Sunnyside Board of
Joint Control
Nikki Musson
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mussonn@roza.org
(509) 940-7425

Prepared by:

Kelley Create
Mark Tschetter
(541) 858-4288
mark.tschetter@kelleycreate.com

Firewall as a Service - Base Fees - 36 Month Term		Recurring	Qty	Ext. Recurring
XF1SOCSME	Sophos XGS 126 Firewall Appliance & Xstream Protection	\$149.00	4	\$596.00
XF3C0CSME	Sophos XGS 3300 Firewall Appliance (HA Pair) & Xstream Protection	\$799.00	1	\$799.00

Firewall as a Service - Base Fees - 36 Month Term Recurring Subtotal

\$1,395.00

Professional Services		Price	Qty	Ext. Price
	Firewall HA Pair Configuration & Installation	\$3,000.00	1	\$3,000.00
	Firewall Configuration & Installation	\$2,000.00	4	\$8,000.00

Professional Services Subtotal

\$11,000.00



Quote Summary		Amount
Professional Services		\$11,000.00
Subtotal		\$11,000.00
Shipping		\$75.00
Total		\$11,075.00

Recurring Expenses Summary		Amount
Firewall as a Service - Base Fees - 36 Month Term		\$1,395.00
Recurring Total		\$1,395.00

**Due to supply chain issues, product availability and pricing are subject to change.

By signing and accepting this document, Partner acknowledges full understanding and acceptance of the Terms and Conditions of the Quote.

Signature

Date



SQL DBA - Lights-On Managed Service (2025)

Quote Information:


Quote #: 013639
Version: 1
Delivered: 07/30/2024
Expires: 08/29/2024

Prepared for:

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Services		Recurring	Qty	Ext. Recurring
	SQL DBA - Lights-On Managed Service All inclusive SQL DBA Managed Services averaging 3 hours weekly/12 hours monthly <ul style="list-style-type: none">Weekly project planning meetings to drive tasks and project managementConfigure the database environment according to best practices.Monitor and support weekly database health checks.Configure, monitor, and support database backup and recovery procedures.Configure, monitor, and support general database maintenance including index-fragmentation, and database integrity.Act as On-Call DBA with a 2-hour response time.Quarterly Architecture review and assessmentBackup and Recovery Audit, configuration, and testingPerformance Tuning and optimization of SQL Server database systems.Setup and configuration of database performance monitoring solution (SolarWinds DPA is recommend)Reporting and Analytic needs upon request.Data Science and Machine Learning upon request.Any other items as needed upon request.Access to a support e-mailAccess to a telegram messaging channel 12 Month Term: Service Period January - December 2024	\$2,400.00	1	\$2,400.00
Services Recurring Subtotal				\$2,400.00



Internal DNS zones for ROZA.ORG and SVID.ORG

Quote Information:

Quote #: 013680
Version: 1
Delivered: 08/05/2024
Expires: 09/04/2024

Prepared for:

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Services		Price	Qty	Ext. Price
	Configuration & Implementation Services are to be billed fixed fee	\$1,320.00	1	\$1,320.00
Services Subtotal				\$1,320.00

Quote Summary		Amount
	Services	\$1,320.00
	Total	\$1,320.00

**Due to supply chain issues, product availability and pricing are subject to change.

By signing and accepting this document, Partner acknowledges full understanding and acceptance of this Statement of Work and the Terms and Conditions outlined in the Quote.

Signature

Date

Executive Summary

Project Overview

RSBOJC

("Partner") would like to work with Kelley Connect ("KC") to deploy multi-factor authentication (MFA) to all users in their Microsoft 365 ("M365") tenant. This will greatly increase security by requiring a user to set up an M365 service (email, Teams, OneDrive, etc.) on a new device to verify the setup from their phone or a similar authentication token. This means that even were someone to have a user's M365 username and password, they would not be able to log in or send email as that user without having access to their phone or authentication token. Also, a user with compromised credentials would get a notification on their phone that someone is trying to log in as them from a different device. An Azure Active Directory Premium P1 license or better will be needed for all users who will participate in MFA.

When MFA is enabled, all users will need to go through the setup process and enter a code or click OK in an app one time for each device they use to consume M365 services, as well as any new devices they get in the future. This often means once on a work computer and phone. After the initial MFA confirmation, that device will be trusted and only be prompted for MFA if a password changes or MFA policy requires it.

There will be two parts to the MFA setup and deployment:

1. Backend design and configuration
 - Design and configuration will be performed by KC and select Partner staff who will need to make decisions about how the policy should be configured, when to roll out MFA, and how to communicate to end-users.
 - Licenses will be assigned to the appropriate users as needed.
2. End-user setup and trusted device confirmation
 - The second part of the setup and deployment requires the user to take action on their phone. This step cannot be done by KC and must be performed by each user.
 - KC will provide instructions for end-users on how to set up their MFA and general instructions for going through the process of making email trusted on iPhones and Android phones, as well as most Microsoft apps on a Windows workstation.

Any assistance by KC setting up or confirming devices as trusted, will be billed hourly in addition to this agreement.

Requirements

Below are the main areas of responsibility both on KC's and the Partner's part required to complete this project.

Project requirements and deliverables to be completed by KC

1. Meet with Partner to discuss MFA settings and process.
2. Configure MFA in M365.
3. ***Configure specific Conditional Access policies for distinct users groups/use cases (2-3 new policies).***
4. Provide the Partner's main point-of-contact with end-user instructions.
5. Deploying appropriate licensing in M365.

Partner will be responsible for the following

1. Assigning a project champion to lead all internal efforts and end-user support.
2. Meeting with KC to discuss MFA settings and process.



3. All end-user communication.
4. Providing Global Admin access to M365 if not a current KC partner.
5. All end-user setup and configuration of MFA on workstations and phones. Any assistance from KC will be billed hourly.

Deliverables

Successful completion of this project will be met when all the following items are complete:

1. MFA is configured and working in M365.

Associated Risks

As with any project of this nature, there are inherent risks to be aware of. KC staff will do their best to mitigate and minimize these risks, below are the most common associated with this type of project.

1. Users may temporarily lose access to M365 services, such as new email while setting up MFA.

Out of Scope/Assumptions

No deliverables, other than those listed in the section above, will be determined as within the scope of this project. Partner will be responsible for performing any additional work not listed above or requesting a Change Request Form via email to the KC point of contact noted above and approving the Change Request Form by signing and returning to KC promptly. Items specifically listed below are not included in the requirements to be provided by KC.

1. Any onsite work.
2. Any integration with 3rd-party apps or services.
3. Any end-user support or configuration will be billed hourly.

Estimated Start Date TBD



Microsoft 365 - MFA Conditional Access Policies

Quote Information:


Quote #: 013274
Version: 1
Delivered: 07/30/2024
Expires: 01/31/2025

Prepared for:

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Services		Price	Qty	Ext. Price
	Professional Services per Executive Summary	\$1,500.00	1	\$1,500.00
Services Subtotal				\$1,500.00

Quote Summary	Amount
Services	\$1,500.00
Total	\$1,500.00

By signing and accepting this document, Client acknowledges full understanding and acceptance of this Statement of Work and the Terms and Conditions outlined in the Quote.

Signature

Date

Executive Summary

Project Overview

The objective of this project is to successfully migrate RSBOJC's existing VMware cluster to a new Hyper-V cluster. This migration includes approximately 24 virtual machines (VMs) and aims to enhance performance, improve manageability, and ensure long-term scalability of RSBOJC's IT infrastructure.

Scope of Work

Hyper-V Cluster Setup:

- New Host Servers:
 - **RSBOJC-HOST01** and **RSBOJC-HOST02**: These will be new HPE servers procured by Kelley Create.
 - **RSBOJC-HOST03**: This will be a repurposed Dell R750 server, currently serving as "ss-virtual11" in the existing VMware environment.
- Setup cluster for High Availability

VM Migration:

- **VMs to be Migrated**: Approximately 20 VMs from the current VMware environment will be migrated to the new Hyper-V cluster.
- **SCADA System Migration**: Four VMs hosting RSBOJC's SCADA system, currently running on Synology, will be migrated to the Hyper-V cluster.

Requirements

Below are the main areas of responsibility both on Kelley's and the partner's part required to complete this project.

Project requirements and deliverables to be completed by Kelley

- Procurement and Preparation:
 - Procure the new HPE servers (RSBOJC-HOST01 and RSBOJC-HOST02).
 - Prepare the existing Dell R750 server (RSBOJC-HOST03) for its role in the new Hyper-V cluster.
- Infrastructure Setup:
 - Install and configure the Hyper-V roles on RSBOJC-HOST01, RSBOJC-HOST02, and RSBOJC-HOST03.
 - Establish and test the Hyper-V cluster to ensure high availability and redundancy.
- Migration:
 - Migrate the 20 VMs from VMware to Hyper-V.
 - Migrate the 4 SCADA VMs from Synology to Hyper-V.
 - Validate the successful migration of all VMs and confirm their proper functioning.

- Post-Migration Support:
 - Monitor the new Hyper-V environment for performance and reliability.
 - Provide support for any issues that arise post-migration.
- Decommission old Dell Hosts
- Decommission Synology Hosts

Partner will be responsible for the following:

- Communicate with internal stakeholders and end-users about the migration schedule, expected downtime, and any other relevant project details to minimize disruption.
- Participate in testing and validation post-migration, ensuring that all applications and services are functioning as expected in the new Hyper-V environment.
- If necessary, coordinate with third-party vendors or service providers, particularly for the SCADA system
- Work with Kelley to schedule downtime windows for VM migrations

Deliverables

Successful completion of this project will be met when all the following items are complete:

1. All VMs migrated to the new Hyper-V Host cluster
2. VMware cluster decommissioned
3. Synology host cluster decommissioned

Associated Risks

As with any project of this nature there are inherent risks to be aware of. While we at Kelley do our best to mitigate and minimize these risks, below are the most common associated with this type of project.

- Potential downtime during VM migration.
 - Mitigation: Schedule migrations during off-peak hours to minimize disruption.
- Compatibility issues between VMware and Hyper-V.
 - Mitigation: Conduct thorough testing and validation prior to final migration.

Out of Scope/Assumptions

No deliverables, other than those listed in the section above, will be determined as within the scope of this project. Partner will be responsible for performing any additional work not listed above; or requesting a Change Request Form via email to the Kelley point of contact noted above and approving the Change Request Form by signing and returning to Kelley promptly. Items specifically listed below are not included in the requirements to be provided by Kelley.

Configuration of SCADA Systems

Creation of new VMs beyond the ones specified for migration or significant reconfiguration of existing VMs beyond what is necessary for migration is out of scope.

Server Upgrades

Quote Information:








Quote #: 013723
Version: 1
Delivered: 08/28/2024
Expires: 09/11/2024












Prepared for:

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


Prepared by:


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Products		Price	Qty	Ext. Price
	HPE DL360 Gen11 8SFF CTO Server	\$2,343.71	2	\$4,687.42
	HPE Intel Xeon Gold (5th Gen) 6526Y Hexadeca-core (16 Core) 2.80 GHz Processor Upgrade - 37.50 MB L3 Cache - 64-bit Processing - 3.90 GHz Overclocking Speed - Socket LGA-4677 - 195 W - 32 Threads	\$2,242.84	4	\$8,971.36
	HPE SmartMemory 16GB DDR5 SDRAM Memory Module - For Server - 16 GB (1 x 16GB) - DDR5-5600/PC5-44800 DDR5 SDRAM - 5600 MHz Single-rank Memory - CL46 - 1.10 V - ECC - Registered - 288-pin - DIMM	\$223.80	16	\$3,580.80
	HPE ProLiant DL360 Gen11 8SFF x1 U.3 Tri-Mode Backplane Kit	\$140.34	2	\$280.68
	HPE 480 GB Solid State Drive - 2.5" Internal - SATA (SATA/600) - Mixed Use - Server Device Supported - 3.5 DWPD - Hot Pluggable	\$278.50	6	\$1,671.00
	HPE Battery - For RAID Controller - Battery Rechargeable	\$99.82	2	\$199.64
	HPE ProLiant DL360 Gen11 Storage Controller Enablement Cable Kit	\$22.73	2	\$45.46

Products		Price	Qty	Ext. Price
	HPE MR408i-o Gen11 8 Internal Lanes/4GB Cache SPDM OCP Storage Controller - Serial ATA/600, 12Gb/s SAS - PCI Express 4.0 x8 - RAID Supported - 0, 1, 5, 6, 10, 50, 60 RAID Level - 1x8 LP SlimSAS - 1 Total SAS Port(s) - Linux, PC - 4 GB Flash Backed Cache	\$657.74	2	\$1,315.48
	HPE Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE - PCI Express 3.0 x8 - 2 Port(s) - Optical Fiber - OCP 3.0 Bracket Height - 10GBase-X - SFP+ - Plug-in Card	\$289.56	2	\$579.12
	HPE Ingram Micro Sourcing BladeSystem c-Class 10Gb SFP+ SR Transceiver - For Data Networking, Optical Network - 1 x 10GBase-SR - Optical Fiber10 Gigabit Ethernet - 10GBase-SR	\$160.57	4	\$642.28
	HPE ProLiant DL3X0 Gen11 1U High Performance Fan Kit	\$266.48	2	\$532.96
	HPE Sourcing 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit - Hot-pluggable -48 V DC Output - 800 W - 96% Efficiency	\$117.90	4	\$471.60
	HP Standard Power Cord - 6ft	\$11.00	4	\$44.00
	HPE Sourcing Integrated Lights-Out Advanced - Subscription License - 1 Server License - 3 Year - Standard	\$335.00	2	\$670.00
	HPE Cmp Cloud Mgmt Srv FIO Enablement Factory Integrated	\$1.14	2	\$2.28
	HPE Server Enablement Kit	\$18.59	2	\$37.18
	HPE ProLiant DL360 Gen11 OROC Tri-Mode Cable Kit	\$126.17	2	\$252.34
	HPE CE Mark Removal FIO Enablement Kit - 3	\$1.00	2	\$2.00



Products		Price	Qty	Ext. Price
	HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device	\$600.76	2	\$1,201.52
	HPE ProLiant DL3XX/560 Gen11 High Performance Heat Sink Kit	\$86.61	4	\$346.44
	HPE ProLiant DL360 Gen11 NS204i-u Front Cable Kit	\$29.79	2	\$59.58
	HPE ProLiant DL3XX Gen11 Easy Install Rail 3 Kit	\$63.70	2	\$127.40
	HPE GreenLake for Compute Ops Management - Subscription License - 1 licence - 5 Year	\$857.14	2	\$1,714.28
	HPE 5Y Tech Care Essential SVC HPE 5Y Tech Care Essential SVC	\$0.00	1	\$0.00
	HPE iLO Advanced Non Blade Support	\$43.56	2	\$87.12
	HPE DL360 Gen11 Support	\$3,691.01	2	\$7,382.02
Products Subtotal				\$34,903.96

Services		Price	Qty	Ext. Price
	Professional Services per Executive Summary	\$24,200.00	1	\$24,200.00
Services Subtotal				\$24,200.00



Quote Summary		Amount
	Products	\$34,903.96
	Services	\$24,200.00
	Subtotal	\$59,103.96
	Shipping	\$250.00
	Estimated Tax	\$2,862.11
	Total	\$62,216.07

**Due to supply chain issues, product availability and pricing are subject to change.

By signing and accepting this document, Partner acknowledges full understanding and acceptance of the Terms and Conditions of the Quote.

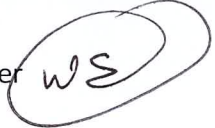
Signature

Date

Item #6



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager 

Date: October 8, 2024

Re: Enclosed Conduit System (ECS) Budget Items

Attachments:

1. Enclosed Conduit System Schedule Revised 9/2022
2. P14 ECS Costs – Budgeted vs Actual

Background:

The Board asked staff to evaluate whether or not equipment costs listed in the ECS schedule should be included in the ECS budget.

The equipment costs included in the ECS schedule are intended as average operating costs to include fuel, oil, and maintenance costs applied to equipment. Incremental replacement costs are not included in this line item.

Purchase costs for new vehicles are budgeted separately in the equipment and vehicle line item.

In evaluating budgeted costs for the P14 ECS project, it appears that the value used for equipment costs is running high and should be reevaluated. Staff will look back a few more years to confirm an adjustment is warranted moving forward.

Enclosed Conduit System Schedule

Proposed completion year	Lateral	Acres	Estimated Length (miles)	Inflation Rate			2024 - 2025 --> 5%			2026 - 2036 --> 6%		
				Materials Cost*	Equipment Costs (\$)*	Pump Station Upgrade Costs (\$)*	Rental Equipment Costs	Gravel Costs	Total Costs (\$)*	Total Costs Inflation Adjusted Costs (\$)	Cost/Acre (\$)*	Water Saved (Acre-ft/season)
2023	P14H Phase 1	654.0	3.2	1,500,000	599,500	100,000	30,000	50,000	2,279,500	2,279,500	3,485	289
2024	P14H Phase 2	1,038.0	5.4	1,454,082	262,000	0	60,000	80,000	1,856,082	1,948,886	1,878	458
2025	P3L	786.6	10.3	1,695,730	322,651	100,000	60,000	153,239	2,331,619	2,570,610	3,268	347
2026	P3H	762.5	6.1	1,773,433	235,925	100,000	30,000	86,885	2,226,243	2,651,490	3,477	336
2027	P3H	762.5	6.1	1,773,433	235,925		30,000	86,885	2,126,243	2,684,332	3,520	336
2028	P14L-Phase 1	866.8	5.2	2,060,222	225,846		30,000	93,579	2,409,648	3,224,652	3,720	382
2029	P14L Phase 2	866.8	5.2	2,060,222	225,846		30,000	93,595	2,409,663	3,418,153	3,943	382
2030	P13	1,136.3	10.9	2,268,705	340,849	100,000	60,000	160,485	2,930,040	4,405,696	3,877	501
2031	P2HL	1,732.3	5.4	755,306	200,000	100,000	60,000	96,446	1,211,752	1,931,349	1,115	764
2032	P2HR - Phase 1	670.6	8.6	1,990,127	385,000		30,000	132,883	2,538,009	4,287,913	6,394	296
2033	P2HR - Phase 2	670.6	8.6	1,990,127	385,000		30,000	132,898	2,538,025	4,545,216	6,778	296
2034	P2LR	869.2	11.9	2,600,000	400,000	100,000	60,000	171,647	3,331,647	6,324,460	7,276	383
2035	P2LL	343.2	5.9	800,000	220,000		60,000	102,289	1,182,289	2,378,997	6,932	151
2036	P1 West of Freeway	740.6	11.5	1,434,892	293,131	100,000	30,000	76,832	1,934,855	4,126,908	5,572	327
2037	P1 East of Freeway	957.9	10.9	1,436,305	285,680	100,000	60,000	195,256	2,077,241	4,696,442	4,903	423
Totals		12,858	115	25,592,584 1,706,172	4,617,352	800,000	660,000	1,712,918	33,382,854	51,474,604		5,673
								Average Yearly Cost		2,225,524	3,431,640	

Notes: Does not include extra costs for likely required piping in paved road rights-of-way.
Water Saved is based on recovering 15% lateral losses to deliver 2.5 acre-ft/acre.

P14 ECS Costs - Budgeted vs Actual						
Lateral Canal	Materials Costs		Equipment Costs		Total Budgeted Costs	Total Actual Costs
	Budgeted	Materials Costs Actual	Budgeted	Equipment Costs Actual		
P14 Phase 1	2,072,500	1,564,687	207,000	132,837	2,279,500	1,697,524
P14 Phase 2	1,594,082	1,564,687	262,000	202,472	1,856,082	1,767,159
Total P14	3,666,582	3,129,374	469,000	335,309	4,135,582	3,464,683
Difference	537,208		133,691		670,899	

	Labor Costs Actual
Lateral Canal	
P14 Phase 1	537,740
P14 Phase 2	780,261
Total P14	1,318,001


	Total Costs with Labor	Percentage of Total as Labor	Percentage of Total as Equipment
	2,235,264	24%	6%
	2,547,420	31%	8%
Average		27%	7%

The value of \$599,500 in the Enclosed Conduit System Schedule is wrong. It's unclear where the number came from. Going back to the design spreadsheet, the calculated value is \$206,653, which is then rounded up.

Item #7



To: Board of Directors

From: Scott Revell, District Manager 

Date: October 8, 2024

Re: Authority to Execute NPDES appeal Settlement Agreement

Attachment

1. Proposed NPDES Appeal Settlement Agreement

Overview

Roza appealed the permit issued by the Department of Ecology which governs the usage of aquatic herbicides to the state's Pollution Control Hearings Board. The permit was issued under the purview of the federal Clean Water Act. There were eight legal issues identified in the appeal. Each is addressed in the attached agreement.

Ecology has approved Roza's signage plan and has approved Roza's acrolein usage plan.

After several months of detailed negotiations, staff is of the opinion that the appeal can be settled. The settlement agreement has been reviewed by outside legal counsel and has been approved to form. Staff recommends approval of the agreement as it will provide additional protections for the district.

The terms of the settlement is applicable only to Roza and is not applicable to other irrigation districts.

Recommended Motion

I move to the authorize the District Manager to execute the Settlement Agreement as described in Attachment 1.

POLLUTION CONTROL HEARINGS BOARD
STATE OF WASHINGTON

ROZA IRRIGATION DISTRICT,

Appellant,

v.

STATE OF WASHINGTON,
DEPARTMENT OF ECOLOGY,

Respondent.

PCHB NO. 23-052

SETTLEMENT AGREEMENT

Respondent, State of Washington, Department of Ecology (Ecology), by and through its attorneys Robert W. Ferguson, Attorney General, and Julian Beattie and Dylan Stonecipher, Assistant Attorneys General, and Appellant, Roza Irrigation District (Roza), represented by Maia D. Bellon and Louis Russell, Cascadia Law Group PLLC, hereby submit this Settlement Agreement (Agreement) to the Pollution Control Hearings Board (Board) for dismissal of the appeal.

I. BACKGROUND

1. Roza is covered by the Irrigation System Aquatic Weed Control General Permit (the Permit), issued by Ecology on August 23, 2023, which became effective October 2, 2023.

2. On September 19, 2024, Roza appealed the Permit to the Board. Roza raised eight issues in the appeal, concerning seven Special Conditions and one General Condition in the Permit.

3. Roza and Ecology have agreed to resolve the appeal through the settlement terms outlined below.

II. SETTLEMENT AGREEMENT

The parties desire to resolve the dispute herein and avoid the cost and time associated with further litigation. The parties therefore stipulate and agree as follows:

A. Scope

This Agreement constitutes the entire agreement between the parties to this appeal, and settles all issues raised by Roza's appeal of the Permit. This Agreement applies only to the issues raised in Roza's Notice of Appeal on September 19, 2023, regarding the Permit and does not affect Roza's rights to appeal any future penalties or enforcement action, or the rights and duties of any permittee other than Roza.

B. Resolution of Issues on Appeal

Roza and Ecology have agreed to the following settlement terms, which document (1) Ecology's intent and enforcement stance regarding the Permit conditions at issue in the appeal and (2) Ecology's approval of Roza's compliance with certain Permit conditions, which is the outcome of technical consultations that have taken place during settlement negotiations.

Legal Issue 1: Compliance with Standards (S3.A)

Intent: Permittees must ensure that the application of pesticides does not cause or contribute to a violation of the Washington State Groundwater Quality Standards (Chapter 173-200 WAC), the Sediment Management Standards (Chapter 173-204 WAC), or the Human Health-Based Criteria in the National Toxics Rule (40 C.F.R. § 131.36). Ecology includes this requirement in all general permits based on the Environmental Protection Agency's (EPA's) National Pollution Discharge Elimination System (NPDES) rule, which provides that general permits must "ensure compliance with the applicable water quality requirements of [Washington State]." 40 C.F.R. § 122.4(d). This "compliance with standards" language guarantees that Ecology's permits comply with EPA's rule, thereby preserving Ecology's delegation of federal authority to administer the NPDES program in Washington State.

Enforcement: Ecology assumes that compliance with other permit conditions prevents violations of these standards in the receiving waters. Therefore, Ecology does not expect to use

1 S3.A as a basis for enforcement.

2 **Legal Issue 2: Acrolein – General Application Restrictions (S4.D.1.a)**

3 Intent: Permittees must submit an Acrolein Application Plan (see S6.E.6) that briefly
4 describes the permittee’s justification for using acrolein as a treatment option and the
5 circumstances that will trigger its use. Submission of the plan is a one-time requirement.

6 Enforcement: Condition S4.D.1.a.i provides, “Permittees must make reasonable efforts to
7 reduce the use of acrolein in favor of more environmentally sensitive pesticides.” Adherence to
8 an approved Acrolein Application Plan constitutes compliance with this directive. Ecology
9 approved Roza’s Acrolein Action Plan in an email from Danielle Edelman on March 21, 2024.

10 **Legal Issue 3: Spill Prevention and Control (S6.B)**

11 Intent: Permittees must handle oil and other hazardous materials, and maintain oil-
12 containing equipment, in a manner that prevents spills. This language is a standard best
13 management practice that is included in all general permits. Irrigation system permittees should
14 follow their spill control plans (S6.E.2). Permittees should ensure that vehicles are free from
15 leaks, that hydraulic lines on heavy equipment are inspected regularly and maintained properly,
16 that refueling of vehicles and equipment occurs away from water, that hazardous materials are
17 stored properly, and that spill clean-up materials are easily accessible.

18 Enforcement: If a permittee or its contractor spills oil or other hazardous materials to
19 water, Ecology would consider taking enforcement using its authorities under RCW 90.48 and/or
20 RCW 90.56. Given these statutory authorities, which provide for strict liability, Ecology does not
21 expect to use S6.B as a basis for enforcement. If Ecology determines that a spill was caused by a
22 third party, Ecology generally will pursue the third party rather than the permittee. As would be
23 the case for any enforcement action, any action taken against permittees under RCW 90.48 or
24 90.56 would be subject to appeal and review by the Pollution Control Hearings Board.

25 **Legal Issues 4 & 5: Signage – Posting Procedures (S6.2)**

26 Intent: The signage requirement in S6.2 is intended to protect public health by warning
27 individuals of potentially hazardous conditions in the canals. The requirement helps ensure that

1 Ecology does not inadvertently jeopardize public health by authorizing the addition of chemicals
2 to waters of the state.

3 Enforcement: Permittees have until the end of the permit cycle to comply with this
4 requirement. Upon request, Ecology will provide technical assistance regarding the form and
5 placement of signs. Ecology's goal is to ensure permittees are placing signs in the best locations,
6 specific to the circumstances of their districts. Allowing flexibility in the form and placement of
7 signs will alleviate some economic and logistical burdens that may arise from compliance with
8 this permit condition.

9 Roza submitted a Proposed Signage Plan to Ecology via email on June 24, 2024, and, in
10 response to a request from Ecology, supplemental photographs via email on August 23, 2024.
11 Ecology approved Roza's Proposed Signage Plan as meeting the requirements of S6.D, provided
12 that Roza sends Ecology an updated plan if Roza decides to put up additional signs to implement
13 this requirement, via email from Danielle Edelman on August 29, 2024.

14 **Legal Issue 6 – Recording Endothall Applications (S8.B.2.d)**

15 Intent: Ecology acknowledges that lab sample reports used by permittees for discharge
16 monitoring reports do not distinguish between endothall formulations—namely, the dipotassium
17 salt (such as Cascade) and the amine salt (such as Teton) formulations. Accordingly, Ecology
18 will assume that the concentration of endothall reported by the laboratory is the amine salt.
19 However, if the laboratory concentration is above the concentration of the amine salt that was
20 initially applied, Ecology will assume that the concentration of amine salt at the point of
21 compliance is no higher than the initial concentration of the amine salt. For example, if the
22 permittee applies the dipotassium salt at 0.45 mg/l and the amine salt at 0.05 mg/l, Ecology will
23 assume that there is no more than 0.05 mg/l of the amine salt at the point of compliance.

24 Enforcement: Permittees may provide additional information in their discharge
25 monitoring reports. When both endothall formulations are applied, permittees may add a note to
26 their discharge monitoring report stating that "both types were used" and include the initial
27 concentrations for each formulation. Ecology will not assume a violation of permit limits on

1 endothall concentrations unless the sample value is above the combined maximum concentration
2 for both the amine and dipotassium salt. As in the past, Ecology will first ask permittees to
3 explain the non-compliance event in a formal report to Ecology. If an exceedance is due to lab
4 error or circumstances beyond the permittee's control, Ecology is unlikely to take enforcement
5 action against the permittee.

6 **Legal Issue 7 – Unplanned Treatments (S8.D.1)**

7 Intent: Permittees must notify Ecology via email of treatments no later than 3:00 p.m. one
8 day before the application. The purpose of this requirement is to create a paper trail. If
9 environmental concerns are reported to Ecology by third parties, or if the permittee reports an
10 accident or non-compliance event related to or at the same time as a treatment, this paper trail
11 can help Ecology understand the role the application may have played, if any. Another purpose
12 of this requirement is to notify Ecology staff who may be working in the area of the treatment.
13 Ecology has the authority to require monitoring be submitted “as it determines to be necessary.”
14 WAC 173-226-090(3)(a).

15 Enforcement: If permittees are unable to notify Ecology by 3:00 p.m. one day before the
16 application, they must report this noncompliance event to Ecology under Condition S8.F.
17 Ecology does not expect to take enforcement action against single or infrequent instances of
18 noncompliance. Repeated emergency or same-day treatments may indicate more severe facility
19 planning or maintenance issues. Ecology may respond to repeated noncompliance with
20 inspections, revocation of reduced monitoring plans, or a requirement to work with Ecology to
21 identify new or additional best management practices to reduce the frequency of same-day
22 treatments.

23 **Legal Issue 8 – Groundwater Monitoring (G8)**

24 Intent: Ecology has authority to require monitoring of discharges authorized by a general
25 permit “as may be reasonably required by the department, including the installation, use, and
26 maintenance of monitoring equipment or methods.” WAC 173-226-090. This authority could be
27 used to require groundwater monitoring in certain circumstances. This could be accomplished

1 through permit modification or administrative order under RCW 90.48.120(2). However, any
2 permit modification or administrative order would be subject to appeal. *See*
3 RCW 43.21B.110(b), (c).

4 Enforcement: Absent evidence of severe noncompliance, Ecology does not expect to
5 require permittees to install groundwater monitoring wells using G8. Any proposed permit
6 modification requiring groundwater monitoring would be subject to public notice, comment, and
7 appeal. Any administrative order requiring such action would also be subject to appeal.

8 **C. Remedies**

9 This Agreement does not create any new requirements for Roza, beyond those contained
10 in the Permit, other than an obligation to stipulate to dismissal of the appeal. By entering into this
11 Agreement, Roza shall have waived its right of administrative or judicial review on the
12 underlying merits of the appeal. However, Roza does not waive the right to contest whether
13 violations of this Agreement have occurred.

14 **D. Venue**

15 The parties agree that the venue for any judicial action to enforce this Agreement shall be
16 in Thurston County Superior Court.

17 **E. Service**

18 In the event either party pursues any remedy in Thurston County Superior Court, the
19 parties agree to accept service of the summons and complaint by United States mail in lieu of
20 personal service. Service by mail shall be deemed complete upon the third day following the day
21 the summons and complaint are placed in the mail.

22 **F. Waiver of Appeal Rights**

23 Roza understands that it has the right to continue its appeal by presenting evidence at a
24 Board hearing. Roza voluntarily waives its right to a hearing upon signature and acceptance of
25 this Agreement by representatives for Roza and Ecology.
26
27

1 **G. Dismissal of Appeal**

2 The parties consent to the submission of this Agreement to the Board and request that,
3 based upon a full and final settlement having been reached, the Board dismiss this appeal. Both
4 parties further agree to bear their own costs and attorneys' fees associated with this appeal.

5 **H. Effective Date**

6 This Agreement shall become effective upon issuance of the Board's order dismissing
7 this appeal.

8 **I. Signatories Authorized**

9 The undersigned representatives for Ecology and Roza certify that they are fully
10 authorized by the party whom they represent to enter into the terms and conditions of this
11 Agreement and to legally bind such party thereto.

12
13 ///

14
15 ///

16
17 ///

1 **J. EXECUTION**

2 This document may be executed in counterparts and may be executed by facsimile and/or
3 electronically, and each executed counterpart shall have the same force and effect as the original
4 instrument.

5 STATE OF WASHINGTON
6 DEPARTMENT OF ECOLOGY

ROZA IRRIGATION DISTRICT

7
8 _____
9 VINCE MCGOWAN
Water Quality Program Manager

SCOTT REVELL
District Manager

10
11 Dated: _____

Dated: _____

12 ROBERT W. FERGUSON
13 Attorney General

CASCADIA LAW GROUP PLLC

14
15 _____
16 JULIAN BEATTIE, WSBA No. 45586
17 DYLAN STONECIPHER, WSBA No. 58245
Assistant Attorneys General

MAIA D. BELLON, WSBA No. 24777
LOUIS RUSSELL, WSBA No. 55632

18 Attorneys for Respondent

Attorneys for Appellant


19 Dated: _____

Dated: _____

Item #8



To: Board of Directors

From: Scott Revell, District Manager 

Date: October 8, 2024

Re: 2025 Preliminary Budget Planning

Overview

Below is a preliminary list of the larger approximate known expense changes for the 2025 budget. The list is not exhaustive but begins to paint the picture for the 2025 budget.

Expenses

USBR O&M	-\$559,000	Projection from USBR due to increased O&M work caused by filling vacancies
Union Wages	+\$ TBD	+\$95K in 2024 @ +3.25%
Non-Union wages	+\$ TBD	+\$44K in 2024
RSBOJC	+\$ 0	2025 budget has been drafted
Joint Drains	+\$ 0	2025 budget has been drafted
Insurance	+\$ TBD	Premium increase may be significant. (+\$89K in 2023)
<u>Capital</u>	\$ 72,500	<u>\$1/ac increase per the approved schedule</u>
	\$ 632,500	Total Known Increases (w/out TBDs)
USBR O&M	-\$174,400	2024 credit which can be applied to 2025
Chemicals	<u>-\$175,000</u>	Aquatic and terrestrial herbicides due to carryover due to drought
Total	+283,100	Preliminary net change (w/out TBDs)

Interest income has been more than expected in 2024 and the 2025 projection can increase by \$50,000 +/-, although rate cuts will begin to show in 2025.

2024 have been included for the TBD items for comparison purposes.

Item #9



To: Board of Directors
From: Dave Rollinger, Watermaster DR
Date: October 8, 2024
Re: Recent Past and Future Maintenance Work

Summary for September

September has consisted of mostly routine scheduled maintenance and gearing up for the 2024/25 construction year.

Water Delivery

Staff recommends dewatering the Main Canal on Tuesday October 15, 2024.

Staffing

- Bill Mandrell gave his 2 week notice and his last day was on Friday 9/27/24. Bill will be going to work for Benton County.
- Randall Wyatt retired on Tuesday September 24, 2024, Randall has work for the district for 32 years and has been the maintenance crew lead man. Randall will be missed.
- Roza hired Kyle Underwood as a full time employee, his first day was on 9/23/24. Kyle was in the military before going to work for Bailey Nursery as a chemical applicator.
- Daniel Houfek has been promoted to maintenance crew leadman and will replace Randall Wyatt.
- Staff has posted for the open ditchrider position left by Bill Mandrell on Beat 1.

Training

- 7 employees went to trenching and excavating class that was held by DPNicoli. Selah Moxee Irrigation District extended an invite and hosted the class.

Distribution System Maintenance

- Crews finished the WW-5 Re-regulation reservoir repair and installed finger drains under the liner to help prevent any future water issues.
- Roza sent 2 employees and equipment to Lake Kachees to help install a flume to help migrating Bull Trout into Box Canyon.

- Trouble shooters installed a railing around the Main Canal radial control gates at WW-3 to keep kids from riding their motorcycles over the walkway.
- Crews finished the Pump 5 access ramp.
- Trouble shooters started rodding irrigation and drain pipes in the Moxee area to remove roots and debris.
- The mowing crews continue to mow the Main Canal, laterals and drains for the 3rd time this year.
- Trouble shooters have repaired 3 air vents that were hit by farmers harvesting their crops. Farmers are charged for the repairs if the damage to district pipes should have been avoided.

Weed Control

- Sprayers continue to spot spray cattails, bull rush, and puncture vine on the Main Canal and laterals.
- Roza applicators have made 2 Copper Sulfate open lateral treatments and 4 Acrolein Main Canal treatments for the month of September.

Projected for October

- Continue mowing the Main Canal, drains and laterals.
- Start cleaning the Moxee A-drain with a rented John Deere long stick excavator from Pape Machinery.
- Continue spot spraying cattails, bull rush, and puncture vine on the Main canal and laterals.
- Grade and maintain the Main Canal roadways as manpower allows.
- Start the dewatering, winterizing and maintenance of the Main Canal and laterals.
- Access the Main Canal and Wasteway concrete lined sections that will have to be removed and replaced.

Item #10



To: Board of Directors

From: Scott Revell, District Manager 

Date: October 8, 2024

Re: District Manager's Monthly Update

Miscellaneous Items

1. WSWRA's annual conference will be December 4, 5 & 6.
2. 2024 drought after action reviews are underway at Ecology and USBR.
3. A ruling by the State Department of Retirement systems is going change the way that the District uses temporary employees.
4. Staff have continued to work with Ecology and the state Health Department on enforcement actions for two illegal diversions of surface water in Kittitas County.
5. The Wasteway 3 house has well issues that are being examined by a well expert. The Watermaster can provide additional detail.
6. Staff is working on setting up another joint Roza-KRD Board meeting.
7. Larry Martin is retiring at the end of the year, and will move to "of counsel" as of January. Paul Dempsey will handle RSBOJC legal counsel duties going forward.
8. Chris Lynch is retiring after the end of December at forty years in federal service.
9. Teresa Hauser has been named as the new Supervisory Hydrologist within USBR's Yakima Field Office and will oversee River Operations and Land Resources.
10. The tenant of Pump 13 West house has been notified to initiate a significant clean up effort of the property.
11. Interest income to date through September is \$738K.

September Meetings Report

- ✓ River Operations meeting (Sept. 5th)
- ✓ Water law seminar presentation (Sept. 5th)
- ✓ Yakima Basin Integrated Plan Work Group, Implementation & Executive Committee meetings (September 11th)
- ✓ Department of Retirement Systems audit (September 12th)
- ✓ Cle Elum Fish Passage Tour (September 13th)
- ✓ Yakima Basin Integrated Plan Groundwater Sub-Committee (September 17th)
- ✓ WSWRA monthly Board of Directors meeting (September 18th)
- ✓ 2025 drought planning at USBR (September 18th)
- ✓ Washington Public Ports Association-drought/ag presentation in Walla Walla (September 19th)
- ✓ Tri-State-Pasco (September 20th)
- ✓ Yakima Basin Joint Board tour (September 26)
- ✓ Yakima Basin Joint Board (September 27th)

Item #11



To: Roza Board Members
From: Sage Park, Policy Director
Date: October 8, 2024
RE: Policy Director Report

- Presented to Legislative Drought Committee on September 16, 2024
- Tour of Cle Elum Pool Raise shoreline stabilization projects
- Joint Board Tour of Roza Irrigation District – Best Tour Ever!
- Grant work:
 - Securing Commerce Grant to cover \$194,000 – working with Commerce to figure out what it can cover
 - Re-working Ecology Grant due to USBR Grant - ongoing
 - Aquifer storage and recharge application for Integrated Plan Funding
 - Ongoing grant research
- Support Yakima Tieton Irrigation District's fire recovery
- Research permit requirements for Drainage Improvement District #11
- Drought planning for next year

Item #12



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager

Date: October 8, 2024

Re: Engineering Manager's Report

Miscellaneous items of note:

- As mentioned in the winter work program report, the P3L ECS project will not be completed during the 2024/2025 winter. The NEPA requirements will likely not be complete until after December 1st.

The cultural/historical report is back in Reclamation's hands with the requested revisions having been completed by ASM Affiliates.

Reclamation and Roza staff had a Teams meeting Friday, September 27th to discuss the proposed pipe route across the parcel along DenBeste Road where the cultural and historic artifacts were found in significant quantity. According to Reclamation and ASM the significant findings could make the site eligible to meet NRHP (National Register of Historic Places) criteria. This leaves two options:

1. Re-route the pipeline around this area. Would require a new survey of the new area.
2. Complete a MOA for this project which would take approximately 6 months to complete.

Roza staff offered up potential route changes around the site. The route that would have the best chance of not containing artifacts would add about 1,000 feet of 6" pipe to route. Reclamation staff in the meeting were hesitant to make a recommendation as to which route would be acceptable to pursue and indicated that they would get back to Roza staff during the following week with a recommendation. The new pipe route will need to be surveyed and that information incorporated into the Cultural/Historical report.

- The in-reservoir repairs of the north end of the WW5 reservoir are now complete. Stan Boyle, geotechnical engineer from Shannon & Wilson Engineering was on-site during installation of the finger drains to determine placement and depth.

Ted Acquire, from Axter, the company that provided the bituminous liner was on-site during the process of welding the seams of the existing liner that was cut into strips to access the soil and during installation of the new liner. He provided valuable guidance for the seam welding process and reattachment of the liner to the concrete apron.

Staff will produce an as-built of the repairs and additions and send them to Stan Boyle. Stan will then provide a report outlining the repairs and additions to send to the Department of Ecology Dam Safety office.

The total cost of the repairs and additions were as follows:

- Filling the area upstream of the Embankment: \$268,000.
 - In-reservoir repairs: \$35,502.
-
- Army staff from the Yakima Training Center (YTC) sent a request “regarding weir size, or pipeline discharge” in relation to piping the Pump 1 lateral canals. Staff is planning to send them a drawing showing a potential pipe route along with an explanation of how design flows are calculated for each delivery point.