



BOARD OF DIRECTORS REGULAR MEETING

Tuesday, October 10, 2023 – 9:00A.M.

AGENDA

1. Consent Agenda (approved with one motion).
 - a. Minutes of September 12th, 2023, Regular Board meeting.
 - b. Status of Investments Report – September 30, 2023.
 - c. Treasurer’s Report– September 30, 2023.
 - d. Comparative Balance Sheet report for the eight periods ending August 31, 2023.
 - e. Statement of Income Expense report for the eight periods ending August 31, 2023.
 - f. Claims.
2. 2023 Water supply update and drought management.
3. Wasteway 5 Re-Regulation Reservoir embankment modification contract award.
4. Main Canal concrete sealing contract award.
5. Main Canal tree removal update.
6. Riparian Roundtable update.
7. Watermaster’s report.
8. District Manager’s report.
9. Engineering Manager’s report.
10. Executive Session:
 - a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella, Terrace Heights Sewer District, Family Farm Alliance Amicus brief.
 - 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

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REGULAR MEETING MINUTES

September 12, 2023

The Board of Directors for the Roza Irrigation District convened in regular session on Tuesday September 12, 2023. 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 and Assessment Clerk/Assistant Secretary Kristel Espinoza.

Via telephone conference: District Attorney Brian Iller.

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 August 8th, 2023, Regular Board meeting.
- b. Status of Investments Report – August 31, 2023.
- c. Treasurer's Report– August 31, 2023.
- d. Comparative Balance Sheet report for the seven periods ending July 31, 2023.
- e. Statement of Income Expense report for the seven periods ending June 31, 2023.
- f. Claims.

The following claims are approved for payment: Payroll numbers 29683 – 29674 in the amount of \$532.38. Voucher numbers 69183 – 69188, 69256 – 69301 and 69308 - 69385 in the amount of \$819,831.08 and electronic payments 07-2023, 07-23, 23-26, 23-27, 24-23, 25-23 in the amount of \$312,297.68 from the period of August 3, 2023, to September 12, 2023.

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

District Manager Revell and Engineering Manager Wayne Sonnichsen updated the Board on the September water supply forecast which remained at 73% and is a 1% increase above the forecast issued in August. Engineering Manager Wayne Sonnichsen provided the current proration schedule for water deliveries and approximate remaining acre feet.

The Board and Staff discussed at length the 2023 seasons drought management to date, grower water use patterns, water user communication, the utility of the Wasteway 5 Re-Regulation reservoir during drought years and current and future availability of Tier II water.

The Board expressed their concerns on the possible availability of Tier II water for the current season and took into consideration and reviewed the restrictions implemented earlier in the season along with reduced demand due to cooler than average weather and a combination of the increase of water supply and some growers not taking all of the water they ordered and the desire to not have operation spills of conveyance water if at all possible. Following discussion, Mr. Don moved, seconded by Mr. Willard, and unanimously approved making a limited amount of Tier II water available.

District Manager Revell presented the 2024 (DID #11) Drainage Improvement District #11 budget to the Board. Director Valicoff and Roza staff met with DID #11 Board of Directors to review their draft budget. The draft proposes an approximate \$20,000 reduction, primarily in labor through reduced staff from 12-month employees to 9-month employees. Following discussion,

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REGULAR MEETING MINUTES

September 12, 2023

Mr. Sheehan moved, seconded by Mr. Willard, and unanimously approved Drainage Improvement District #11 proposed draft 2024 budget.

Engineering Manager Wayne Sonnichsen updated the Board on a modification for the Wasteway 5 Re-Regulation Reservoir embankment repair and discussed the previous estimated costs reviewed at the August Board meeting were considerably less. Mr. Sonnichsen explained as the design has progressed, more emphasis has been put on providing enough slope to the filled area to create a rapid pass through of water to the reservoir during runoff events, which has led to an increase in the amount of soil that will need to be transported and compacted. Following discussion, Mr. Winckler moved, seconded by Mr. Don, and unanimously approved allocating funds from the drought emergency fund up to \$550,482 for the repair and modification of the Wasteway 5 RE-Regulation Reservoirs north embankment.

Assistant Watermaster Aaron Wiederspohn updated the Board on the Pump Station switchgear. The existing pump station switchgear is an original installation from the 1950's including original design and configuration which are now nearly seventy years old. The replacement of the switchgear was included in the previous Pump Plant replacement planning in 2017. Staff is examining the prioritization order and projected total costs involved. No action was required from the Board.

District Manager Revell reported to the Board various large capital projects scheduled through 2033; included are Enclosed Conduit System project, main canal floor, Wasteway 6 Re-Regulation expansion and main canal piping. Mr. Revell discussed the different funding scenarios and prioritization.

District Manager Revell updated the Board on cloud seeding to enhance water supply. The staff at Idaho Power who oversee their cloud program will meet with Roza staff to discuss logistical and regulatory issues and program costs. Mr. Revell reported he has been asked to present an informational overview on cloud seeding to the Joint Legislative Committee in October.

District Manager Revell presented the 2024 Joint Drains budget and reported the 2023 expenses are tracking closely with the 2023 budget. Mr. Revell noted the joint drains do not include Drainage Improvement District #11 or Roza drains and Roza's 2024 share of the total budget will increase by approximately \$8,500. Following discussion, Mr. Sheehan moved, seconded by Mr. Willard, and unanimously approved the proposed 2024 Joint Drains budget.

District Manager Revell presented the 2024 RSBOJC budget for information purposes and noted that the 2024 budget expenses would increase. Roza's share is approximately \$10,323. Mr. Revell reported the governmental relations consultant will retire at the end of the 2024 legislative session and work could be undertaken through Yakima Basin Joint Board. Mr. Revell added the Board would not take action today and is scheduled to be approved at the November RSBOJC Board meeting. The Board asked several questions about RSBOJC expenses and reserves.

District Manager Revell updated the Board on the 2024 budget planning and discussed the background information detailed in the staff report. No action was requested from the Board.

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REGULAR MEETING MINUTES

September 12, 2023

Break at 11:00 for approximately five minutes.

The President declared the Board to be in executive session for an estimated thirty minutes beginning at 11:06 A.M. pursuant to the items listed below and noted action may follow:

- a. Executive session pursuant to RCW 42.30.110(1)(i). Potential and pending litigation- State v. Acquavella, Terrace Heights Sewer District, Family Farm Alliance Amicus brief.
- b. Executive session pursuant to RCW 42.30.110(2)(a)(iii). To evaluate the legal risk of a proposed action.

President Valicoff returned at 11:36 A.M. and noted the Board would be in executive session for approximately ten additional minutes.

President Valicoff returned at 11:46 A.M. and noted the Board would be in executive session for approximately fifteen additional minutes.

The President returned the Board to regular session at 12:00 P.M.

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.

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

District Manager Revell referenced the Staff report and updated the Board on the National Pollutant Discharge System Aquatic Herbicide permit and noted the new permit was issued on August 23rd and Roza staff and the legal team have been reviewing it. Mr. Revell noted that staff have been preparing the administrative record to build a base for an appeal. Following discussion, Mr. Willard moved, seconded by Mr. Sheehan, and unanimously authorized the District Manager to file an appeal with the Pollution Control Hearing Board.

No further business appearing and upon motion duly made, seconded, and unanimously passed, the Board did there upon adjourn at 12:17 P.M. on Tuesday September 12, 2023.

ATTEST:

PRESIDENT

SECRETARY

**ROZA IRRIGATION DISTRICT
STATUS OF INVESTING ACCOUNTS
September 30, 2023**

BANK	\$ AMOUNT	INTEREST EARNED	INTEREST RATE	BALANCE
L.G.I.P.	\$18,013,110.69	80,524.56	5.3851%	\$18,093,635.25
U.S. - MIA INV.	\$40,129.10	9.92	0.14905%	\$40,139.02
U.S. - SAVINGS	\$803.46	1.27	0.05%	\$804.73
U.S. - CHECKING	\$208,306.26	51.61	0.01%	\$208,357.87
			TOTAL	\$18,342,936.87

**ROZA IRRIGATION DISTRICT
STATUS OF INVESTMENTS
September 30, 2023**

INVESTMENT	RATE	MATURE	EXPENSE	TOTAL
			0.00	0.00
TOTALS:			0.00	0.00

TOTAL OF ALL CASH	18,342,936.87
MINUS RESTRICTED CASH	612,540.69
(Construction/Reserve/Memo \$)	
(Drought)	4,049,213.59
(WSD)	4,049,276.70
TOTAL O & M CASH	9,631,905.89

ROZA IRRIGATION DISTRICT
TREASURER'S FINANCIAL STATEMENT
September 30, 2023

	EXPENSE	CONST.	RESERVE	MEMO	TOTAL
Balance First of Month	18,418,731.71	324,396.72	288,000.00	27,715.18	19,058,843.61
Collections	50,586.19	143.97			50,730.16
Miscellaneous	142,314.50				142,314.50
Matured Investments					0.00
Interest	80,753.21				80,753.21
Transfers					0.00
TOTAL	18,692,385.61	324,540.69	288,000.00	27,715.18	19,332,641.48
LESS:					
Voucher Checks Issued	254,738.66				254,738.66
Misc. Checks Issued	707,266.12			27,715.18	734,981.30
Tier 2 Checks					0.00
NSF Check Returned					0.00
Bank Charge	5.00				5.00
Void Check	-20.35				-20.35
TOTAL PAID	961,989.43	0.00	0.00	27,715.18	989,704.61
Balance End of Month	17,730,396.18	324,540.69	288,000.00	0.00	18,342,936.87

COMPARATIVE BALANCE SHEET

Roza Irrigation District

For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
CASH IN BANK/CHECKING	453,005.87	279,529.13	173,476.74
CASH IN BANK/O & M	17,965,725.84	17,209,566.62	756,159.22
CASH IN BANK/CONST	324,396.72	335,875.22	(11,478.50)
CASH IN BANK/PREPAIDS	27,715.18	27,453.95	261.23
CASH IN BANK/USBR RESERVE	288,000.00	288,000.00	0.00
PETTY CASH	100.00	100.00	0.00
TOTAL OF ALL CASH	19,058,943.61	18,140,524.92	918,418.69
ACCOUNTS RECEIVABLE	128,284.91	246,263.37	(117,978.46)
TOTAL CURRENT RECEIVABLES	128,284.91	246,263.37	(117,978.46)
ASSESSMENT RECEIVABLE/O & M	161,478.84	334,318.95	(172,840.11)
ASSESSMENT RECEIVABLE/CONST	1,686.99	4,220.69	(2,533.70)
ASSESSMENT RECEIVABLE/DELIQUENT INTERES	14,620.96	27,894.00	(13,273.04)
ASSESSMENT RECEIVABLE/MISC BILLS	1,222.26	1,200.41	21.85
TOTAL ASSESSMENT RECEIVABLES	179,009.05	367,634.05	(188,625.00)
INVENTORY/GAS & OIL	9,469.31	2,872.86	6,596.45
INVENTORY/VEHICLE SHOP	76,799.51	54,202.23	22,597.28
INVENTORY/SUPPLIES	569,558.71	540,127.53	29,431.18
INVENTORY/EQUIPMENT PARTS	0.00	39,101.42	(39,101.42)
TOTAL INVENTORY	655,827.53	636,304.04	19,523.49
PREPAID INSURANCE	133,969.04	110,995.26	22,973.78
PREPAID SVID JOINT DRAINS	60,618.58	137,987.06	(77,368.48)
PREPAID COSTS/WARRANTYS	1,535.28	169,802.26	(168,266.98)
TOTAL PREPAIDS	196,122.90	418,784.58	(222,661.68)
TOTAL OF ALL CURRENT ASSETS	20,218,188.00	19,809,510.96	408,677.04
LAND & LAND RIGHTS	467,633.44	467,633.44	0.00
BUILDINGS	90,689.05	90,689.05	0.00
ENCLOSED CONDUIT SYSTEM	37,904,537.08	35,899,536.50	2,005,000.58
PUMP UPGRADES	580,422.09	356,459.35	223,962.74
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	8,002,064.94	7,635,133.18	366,931.76
MISC EQUIPMENT	1,180,929.19	1,146,915.05	34,014.14
OFFICE EQUIPMENT	115,681.38	103,023.07	12,658.31
COMPUTER SOFTWARE	44,813.41	44,813.41	0.00
TOTAL CAPITAL ASSETS	80,154,662.12	77,512,094.59	2,642,567.53
BUILDINGS/ACCUMULATED DEPRECIATION	(90,689.05)	(90,689.05)	0.00
ECS/ACCUMULATED DEPRECIATION	(11,731,109.41)	(11,016,857.90)	(714,251.51)
WW6 REREG/ACCUMULATED DEPRECIATION	(336,280.37)	(336,280.37)	0.00

COMPARATIVE BALANCE SHEET
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
MW7 REREG/ACCUMULATED DEPRECIATION	(381,817.16)	(353,914.35)	(27,902.81)
MW5 REREG/ACCUMULATED DEPRECIATION	(3,140,653.89)	(2,522,820.33)	(617,833.56)
EQUIPMENT/ACCUMULATED DEPRECIATION	(4,433,768.58)	(4,095,724.84)	(338,043.74)
MISC EQUIPMENT/ACCUMULATED DEPRECIATION	(919,956.69)	(784,851.77)	(135,104.92)
OFFICE EQUIPMENT/ACCUMULATED DEPRECIATION	(93,497.21)	(91,386.73)	(2,110.48)
COMPUTER SOFTWARE/ACCUMULATED DEPRECIATION	(36,817.92)	(27,855.24)	(8,962.68)
CAPITAL ASSETS ACCUM DEPRECIATION	<u>(21,164,590.28)</u>	<u>(19,320,380.58)</u>	<u>(1,844,209.70)</u>
USBR CONST OBLIGATION REC.	0.00	52,332.31	(52,332.31)
USBR KACHESS OBLIGATION REC.	748,791.00	0.00	748,791.00
TOTAL CONST RECEIVABLE	<u>748,791.00</u>	<u>52,332.31</u>	<u>696,458.69</u>
NET PENSION ASSET	1,148,795.00	3,196,979.00	(2,048,184.00)
TOTAL NET PENSION ASSET	<u>1,148,795.00</u>	<u>3,196,979.00</u>	<u>(2,048,184.00)</u>
TOTAL OF ALL ASSETS	81,105,845.84	81,250,536.28	(144,690.44)
DEFERRED OUTFLOWS/PENSIONS	1,161,227.02	391,672.02	769,555.00
TOTAL DEFERRED OUTFLOWS/PENSIONS	<u>1,161,227.02</u>	<u>391,672.02</u>	<u>769,555.00</u>
TOTAL ASSETS AND DEFERRED OUTFLOWS	82,267,072.86	81,642,208.30	624,864.56
ACCOUNTS PAYABLE/EXPENSE	254,738.66	230,684.07	24,054.59
ACCOUNTS PAYABLE/USBR/CONST	18,002.14	33,365.39	(15,363.25)
TOTAL ACCOUNTS PAYABLE	<u>272,740.80</u>	<u>264,049.46</u>	<u>8,691.34</u>
ACCRUED WAGES PAYABLE	170,814.80	149,726.65	21,088.15
ACCRUED ANNUAL LEAVE PAYABLE	424,370.68	400,997.70	23,372.98
ACCRUED SICK LEAVE PAYABLE	576,482.78	533,157.57	43,325.21
ACCRUED SALES TAX PAYABLE	2,074.93	10,354.81	(8,279.88)
ACCRUED TAXES PAYABLE	157.54	150.14	7.40
ICA TAXES PAYABLE	35,116.58	30,810.09	4,306.49
ACCRUED IND INS PAYABLE	21,614.14	29,986.10	(8,371.96)
WITHHOLDING TAX PAYABLE	20,886.98	18,954.00	1,932.98
ACCRUED RET. DEDUC & MATCH	57,093.50	62,189.15	(5,095.65)
MISC PAYROLL DEDUCTIONS	7,998.09	6,708.60	1,289.49
CCR WA PD LEAVE DEDUCT&MATCH	6,941.82	5,097.58	1,844.24
CCR WA CARES FUND	4,474.82	0.00	4,474.82
TOTAL ACCRUED EXPENSES	<u>1,328,026.66</u>	<u>1,248,132.39</u>	<u>79,894.27</u>
DEPOSITS/EXTRA WATER	134.79	91,466.49	(91,331.70)
DEPOSITS/ FULL COST WATER	27,715.18	27,453.95	261.23
OVERPAYMENT	1.02	17.74	(16.72)
TOTAL PREPAIDS/DEPOSITS	<u>27,850.99</u>	<u>118,938.18</u>	<u>(91,087.19)</u>

COMPARATIVE BALANCE SHEET
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	PRIOR YEAR	DIFFERENCE
CONTRACT PAY/USBR CONST	0.00	52,332.31	(52,332.31)
CONTRACT PAY/USBR/KACHESS	748,791.00	0.00	748,791.00
TOTAL LONG TERM LIABILITIES	<u>748,791.00</u>	<u>52,332.31</u>	<u>696,458.69</u>
NET PENSION LIABILITY	663,236.00	304,735.00	358,501.00
TOTAL NET PENSION LIABILITY	<u>663,236.00</u>	<u>304,735.00</u>	<u>358,501.00</u>
TOTAL OF ALL LIABILITIES	3,040,645.45	1,988,187.34	1,052,458.11
DEFERRED INFLOWS/PENSIONS	1,210,702.00	3,349,279.00	(2,138,577.00)
TOTAL DEFERRED INFLOWS/PENSIONS	<u>1,210,702.00</u>	<u>3,349,279.00</u>	<u>(2,138,577.00)</u>
RESERVE/USBR - CONST OBLIG	288,000.00	288,000.00	0.00
TOTAL RESERVES	<u>288,000.00</u>	<u>288,000.00</u>	<u>0.00</u>
UNAPPROPRIATED SURPLUS	74,150,320.04	71,796,792.49	2,353,527.55
NET INCOME (LOSS)	3,577,405.37	4,219,949.47	(642,544.10)
TOTAL UNRESERVED	<u>77,727,725.41</u>	<u>76,016,741.96</u>	<u>1,710,983.45</u>
TOTAL EQUITY	78,015,725.41	76,304,741.96	1,710,983.45
TOTAL LIABILITY, EQUITY & DEFERRED INFLOWS	82,267,072.86	81,642,208.30	624,864.56

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	2023 YTD	2022 YTD
ASSESSMENT INCOME/O & M	0.00	14,094,693.78	13,512,649.02
ASSESSMENT INCOME/CONST	0.00	1,351.05	1,624.70
TOTAL ASSESSMENT INCOME	0.00	14,096,044.83	13,514,273.72
INTEREST INCOME/INV/DELINQ	1,455.51	13,539.82	12,098.33
INTEREST INCOME/INV/OTHER	86,817.57	617,946.32	100,176.53
TOTAL INTEREST INCOME	88,273.08	631,486.14	112,274.86
RENTAL INCOME/HOUSES	350.78	4,312.39	4,185.45
TOTAL RENTAL INCOME	350.78	4,312.39	4,185.45
DISP OF FIXED ASSETS INCOME	(89.67)	(89.67)	969.60
MISC INCOME	131,003.17	155,899.73	108,834.83
TIER 2 INCOME	0.00	763.81	518,310.12
MISC. INCOME/HEALTH/SAFETY	9,610.95	71,926.37	69,999.30
MISC INCOME/ AQUALASTIC LINING	0.00	0.00	230,987.50
MISC INCOME/KACHESS STUDY	0.00	0.00	2,981.67
TOTAL MISCELLANEOUS INCOME	140,524.45	228,500.24	932,083.02
TOTAL OF ALL INCOME	229,148.31	14,960,343.60	14,562,817.05
MC/LINED/BURNING	0.00	11,635.68	13,977.52
MC/LINED/CLEANING	764.39	7,473.37	15,522.71
MC/LINED/GROUTING	4,478.81	39,604.21	95,327.35
MC/LINED/REPAIR	439.25	13,552.19	66,682.82
MC/LINED/SEALING	0.00	0.00	231,239.94
MC/LINED/DRAINS	2,923.44	19,861.34	12,948.23
MC/UNLINED/BURNING	0.00	39,328.54	31,134.01
MC/UNLINED/CLEANING	11,814.07	41,880.46	54,725.98
MC/UNLINED/CORING	0.00	0.00	20,955.82
MC/UNLINED/REPAIR	38.61	28,912.81	36,413.64
MC/GROUND WEEDS/SPRAY	7,291.49	59,108.03	55,162.21
MC/GROUND WEEDS/PULL	1,482.40	2,760.28	1,246.90
MC/GROUND WEEDS/MOW	24,076.63	160,779.93	201,539.18
MC/AQUATIC WEEDS	9,742.46	171,874.04	157,629.78
MC/STRUCTURES/CLEANING	921.80	15,547.94	31,430.71
MC/STRUCTURES/CONST	1,666.57	15,961.71	51,331.40
MC/STRUCTURES/GRAVEL PACK	5,190.17	32,531.57	27,631.68
MC/STRUCTURES/GROUT	0.00	244.45	134.84
MC/STRUCTURES/REPAIR	0.00	16,777.88	49,742.56
MC/WATER MEASUREMENT	0.00	12,888.68	5,484.03
MC/SCADA/O & M	1,801.19	5,455.00	7,846.17
MC/AUTOMATED STRUC/REPAIR	1,009.91	41,645.26	54,554.58
MC/ROADS/CONST	0.00	0.00	416.50
MC/ROADS/BRIDGES,CATTLE GUARDS	3,387.25	7,721.17	23,956.21
MC/ROADS/REPAIR	42,397.87	66,774.05	229,879.14

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	2023 YTD	2022 YTD
MC/WASTEWAYS/BURN	0.00	3,197.13	4,176.66
MC/WASTEWAYS/CLEAN	1,363.92	11,149.65	742.85
MC/WASTEWAYS/REPAIR	124.13	4,483.29	2,467.26
MC/WASTEWAYS/SPRAY	0.00	0.00	386.80
MC/SIPHON & TUNNELS/CLEAN	1,017.24	6,178.23	13,472.37
MC/SIPHONS & TUNNELS/REPAIR	3,537.63	29,788.79	19,635.97
MC/UNDERSHOTS/CLEAN	0.00	12,321.66	21,735.90
MC/UNDERSHOTS/REPAIR	625.36	1,806.88	0.00
TOTAL MAIN CANALS	<u>126,094.59</u>	<u>881,244.22</u>	<u>1,539,531.72</u>
LATERAL/PIPED/CONST	0.00	29,382.05	109.80
LATERAL/PIPED/REPAIR	708.15	24,970.18	32,084.00
LATERAL/PIPED/LOCATING	765.31	3,954.11	540.60
LATERAL/OPEN/BURNING	0.00	23,246.40	24,838.70
LATERAL/OPEN/CLEAN	0.00	18,931.98	54,712.69
LATERAL/OPEN/CORING	0.00	11,968.70	367.92
LATERAL/OPEN/REPAIR	0.00	11,777.48	19,427.61
LATERAL/GROUND WEEDS/SPRAY	25.00	9,272.02	3,978.12
LATERAL/GROUND WEEDS/PULL	2,314.50	3,145.82	8,642.61
LATERAL/GROUND WEEDS/MOW	37,012.06	76,954.54	61,008.52
ECS/REPAIR	8,456.36	149,277.08	190,179.54
ECS/LOCATE	0.00	0.00	1,091.00
LATERAL/AQUATIC WEEDS	723.66	6,231.00	7,066.10
LATERAL/STRUCTURES/CONST	0.00	132.38	4,339.31
LATERAL/STRUCTURES/GROUT	0.00	0.00	329.44
LATERAL/STRUCTURES/REPAIR	170.64	2,460.51	6,173.21
FLOWMETER/CONST	0.00	0.00	13.25
FLOWMETER/REPAIR	14,490.83	49,975.39	27,093.29
LATERAL/ROADS/REPAIR	237.02	2,017.19	0.00
LATERAL/WASTEWAYS/CLEAN	0.00	1,239.44	23.10
TOTAL LATERALS	<u>64,903.53</u>	<u>424,936.27</u>	<u>442,018.81</u>
DRAINS/OPEN,TOE/BURN	0.00	1,706.90	3,227.44
DRAINS/OPEN,TOE/CLEAN	0.00	1,312.52	1,214.93
DRAINS/OPEN,TOE/PULL	0.00	0.00	693.48
DRAINS/OPEN,TOE/MOW	1,625.08	1,625.08	1,378.44
DRAINS/OPEN,OUTLET/BURN	0.00	557.39	3,456.09
DRAINS/OPEN,OUTLET/CLEAN	1,322.90	5,222.73	11,490.79
DRAINS/OPEN,OUTLET/REPAIR	0.00	0.00	1,253.52
DRAINS/OPEN,OUTLET/SPRAY	0.00	125.96	0.00
DRAINS/OPEN,OUTLET/PULL	164.46	164.46	443.80
DRAINS/OPEN,OUTLET/MOW	83.60	83.60	2,461.28
ROZA MAINT/DID #11/CLEAN	9,090.26	14,805.93	0.00
ROZA MAINT/DID #11/REPAIR	0.00	0.00	10.45
ROZA MAINT/DID #11/PULL	253.54	253.54	0.00
ROZA MAINT/DID #11/MOW & CUT	6,929.88	18,096.16	1,396.54
JOINT DRAINS/SVID	13,709.01	286,346.23	203,831.71

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	2023 YTD	2022 YTD
DISTRICT HOUSE/P13E	496.60	10,752.56	0.00
DISTRICT HOUSE/P13W	0.00	428.96	0.00
DISTRICT HOUSE/P14W	0.00	10,553.65	1,094.35
SHOW UP TIME	0.00	0.00	65.58
RADIO	0.00	10,664.12	0.00
UTILITIES/SHOP & WAREHOUSE	255.68	4,351.21	3,766.08
UTILITIES/GATES & WASTEWAY	88.08	537.59	577.30
WW6 REREG/O & M	584.28	6,197.23	37,491.57
WW7 REREG/O & M	231.66	13,207.39	3,266.04
WW5 REREG/O&M	968.84	36,249.78	73,403.93
TOTAL EQUIPMENT/BUILDINGS	49,241.59	417,120.37	281,607.83
WATER MANAGEMENT	107,311.60	539,740.20	517,258.48
TOTAL WATER MANAGEMENT	107,311.60	539,740.20	517,258.48
CONTRACT/USBR/STORAGE	0.00	802,000.00	642,000.00
CONTRACT/USBR/RESERVED WORK	0.00	319,000.00	349,000.00
CONTRACT/USBR/POWER	0.00	1,113,350.00	1,113,350.00
CONTRACT/USBR/KACHESS	0.00	368,807.00	0.00
TOTAL USBR CONTRACTS	0.00	2,603,157.00	2,104,350.00
ADMIN & GENERAL SALARIES	96,736.89	680,233.58	639,862.19
DIRECTOR'S FEES	1,024.00	7,296.00	8,448.00
ENGINEERING MATERIALS	0.00	2,721.90	5,176.79
COMPUTER EXPENSE	5,920.00	13,710.70	80.05
COMPUTER PROGRAMS	0.00	4,571.26	0.00
COMPUTER MAINTENANCE	199.00	2,571.28	21,026.01
HEALTH & SAFETY COORD	6,948.57	47,550.68	43,417.29
ANNUAL LEAVE/UNION	14,785.27	111,374.72	99,569.54
SICK LEAVE/UNION	5,440.16	78,385.26	77,708.39
HOLIDAY/UNION	0.00	55,619.90	44,569.90
KEPT ON SALARY/UNION	0.00	0.00	2,196.00
ADMINISTRATIVE LEAVE/UNION	0.00	2,519.20	8,297.90
SOCIAL SECURITY & MED TAXES	29,858.55	211,767.12	200,756.91
TAXES/UNEMPLOYMENT/UNION	0.00	2,852.73	8,469.57
INDUSTRIAL INSURANCE	7,644.50	51,822.57	74,826.84
GROUP INSURANCE/UNION	32,786.24	255,935.06	262,325.00
STATE RETIREMENT	35,643.11	270,650.50	264,634.05
WA. PAID LEAVE	850.59	5,915.69	4,206.69
ANNUAL LEAVE/NON-UNION	17,817.62	69,829.68	75,367.23
SICK LEAVE/NON-UNION	624.76	9,817.27	17,118.22
HOLIDAY/NON-UNION	0.00	28,278.36	20,892.56
JURY DUTY/NON-UNION	0.00	0.00	243.20
GROUP INS/NON-UNION	15,091.22	115,773.76	112,189.76
TRAVEL & MILEAGE/ADMIN & SUPV	9,782.39	91,941.77	81,734.74
TRAVEL & MILEAGE/DIRECTOR	251.18	7,667.76	2,993.84
TOTAL ADMIN & GENERAL EXPENSES	281,404.05	2,128,806.75	2,076,110.67

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	2023 YTD	2022 YTD
DISTRICT HOUSE/P13E	496.60	10,752.56	0.00
DISTRICT HOUSE/P13W	0.00	428.96	0.00
DISTRICT HOUSE/P14W	0.00	10,553.65	1,094.35
SHOW UP TIME	0.00	0.00	65.58
RADIO	0.00	10,664.12	0.00
UTILITIES/SHOP & WAREHOUSE	255.68	4,351.21	3,766.08
UTILITIES/GATES & WASTEWAY	88.08	537.59	577.30
WW6 REREG/O & M	584.28	6,197.23	37,491.57
WW7 REREG/O & M	231.66	13,207.39	3,266.04
WW5 REREG/O&M	968.84	36,249.78	73,403.93
TOTAL EQUIPMENT/BUILDINGS	<u>49,241.59</u>	<u>417,120.37</u>	<u>281,607.83</u>
WATER MANAGEMENT	107,311.60	539,740.20	517,258.48
TOTAL WATER MANAGEMENT	<u>107,311.60</u>	<u>539,740.20</u>	<u>517,258.48</u>
CONTRACT/USBR/STORAGE	0.00	802,000.00	642,000.00
CONTRACT/USBR/RESERVED WORK	0.00	319,000.00	349,000.00
CONTRACT/USBR/POWER	0.00	1,113,350.00	1,113,350.00
CONTRACT/USBR/KACHESS	0.00	368,807.00	0.00
TOTAL USBR CONTRACTS	<u>0.00</u>	<u>2,603,157.00</u>	<u>2,104,350.00</u>
ADMIN & GENERAL SALARIES	96,736.89	680,233.58	639,862.19
DIRECTOR'S FEES	1,024.00	7,296.00	8,448.00
ENGINEERING MATERIALS	0.00	2,721.90	5,176.79
COMPUTER EXPENSE	5,920.00	13,710.70	80.05
COMPUTER PROGRAMS	0.00	4,571.26	0.00
COMPUTER MAINTENANCE	199.00	2,571.28	21,026.01
HEALTH & SAFETY COORD	6,948.57	47,550.68	43,417.29
ANNUAL LEAVE/UNION	14,785.27	111,374.72	99,569.54
SICK LEAVE/UNION	5,440.16	78,385.26	77,708.39
HOLIDAY/UNION	0.00	55,619.90	44,569.90
DEPT ON SALARY/UNION	0.00	0.00	2,196.00
ADMINISTRATIVE LEAVE/UNION	0.00	2,519.20	8,297.90
SOCIAL SECURITY & MED TAXES	29,858.55	211,767.12	200,756.91
TAXES/UNEMPLOYMENT/UNION	0.00	2,852.73	8,469.57
INDUSTRIAL INSURANCE	7,644.50	51,822.57	74,826.84
GROUP INSURANCE/UNION	32,786.24	255,935.06	262,325.00
STATE RETIREMENT	35,643.11	270,650.50	264,634.05
V.A. PAID LEAVE	850.59	5,915.69	4,206.69
ANNUAL LEAVE/NON-UNION	17,817.62	69,829.68	75,367.23
SICK LEAVE/NON-UNION	624.76	9,817.27	17,118.22
HOLIDAY/NON-UNION	0.00	28,278.36	20,892.56
CURRY DUTY/NON-UNION	0.00	0.00	243.20
GROUP INS/NON-UNION	15,091.22	115,773.76	112,189.76
TRAVEL & MILEAGE/ADMIN & SUPV	9,782.39	91,941.77	81,734.74
TRAVEL & MILEAGE/DIRECTOR	251.18	7,667.76	2,993.84
TOTAL ADMIN & GENERAL EXPENSES	<u>281,404.05</u>	<u>2,128,806.75</u>	<u>2,076,110.67</u>

STATEMENT OF INCOME EXPENSE
Roza Irrigation District
For the Eight PERIODS ENDING August 31, 2023

	CURRENT PERIOD	2023 YTD	2022 YTD
ACCOUNTING & LEGAL SERVICES	0.00	2,100.00	12,176.00
LEGAL	6,989.68	32,493.43	36,301.43
LEGAL/WATER RIGHTS	0.00	89,316.63	81,875.00
TOTAL LEGAL EXPENSES	<u>6,989.68</u>	<u>123,910.06</u>	<u>130,352.43</u>
INSURANCE/PROPERTY	1,804.20	23,363.92	20,467.60
INSURANCE/INJURY & DAMAGES	27,279.61	218,978.60	179,084.68
INSURANCE/DIRECTORS & OFFICERS	1,759.98	14,079.84	11,695.76
INSURANCE/OTHER	833.33	6,766.64	6,766.64
TOTAL INSURANCE EXPENSES	<u>31,677.12</u>	<u>263,189.00</u>	<u>218,014.68</u>
PHONE/877-3880	137.49	1,099.64	1,005.28
PHONE/973-2441	145.83	1,162.89	1,071.19
CELLULAR PHONES	4,363.07	29,711.36	29,026.82
TOTAL PHONE EXPENSES	<u>4,646.39</u>	<u>31,973.89</u>	<u>31,103.29</u>
A/P DISCOUNTS	(471.49)	(3,092.66)	(2,670.22)
GIS	603.04	2,338.33	1,473.34
MISC. TAXES	110.83	254.95	215.48
UTILITIES/OFFICE	1,275.17	7,037.55	6,028.42
ROZA-SVID BOJC	0.00	388,977.00	338,166.00
OFFICE EQUIPMENT	0.00	11,035.32	6,422.94
OFFICE EXPENSE	2,195.59	35,480.10	24,405.78
PUBLISHING	283.72	2,561.83	2,929.10
DUES & SUBSCRIPTIONS	418.20	43,967.70	39,140.14
TOTAL MISCELLANEOUS EXPENSES	<u>4,415.06</u>	<u>488,560.12</u>	<u>416,110.98</u>
DEPRECIATION/EQUIPMENT	24,026.46	192,211.68	192,873.60
DEPRECIATION/ECS	59,520.96	476,167.67	476,167.67
DEPRECIATION/WW5 REREG	51,486.13	411,889.04	411,889.03
TOTAL DEPRECIATION	<u>135,033.55</u>	<u>1,080,268.39</u>	<u>1,080,930.30</u>
TOTAL OF ALL EXPENSES	1,013,939.53	11,382,938.23	10,342,867.58
NET INCOME (LOSS)	<u>(784,791.22)</u>	<u>3,577,405.37</u>	<u>4,219,949.47</u>

Roza Irrigation District
 VENDOR CHECK REGISTER REPORT
 Payables Management

Ranges:	From:	To:	From:	To:
Check Number	First	Last	Check Date	9/1/2023 9/30/2023
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
08-2023	U.S. BANK	9/26/2023	\$4,890.29
08-23	DEPARTMENT OF REVENUE	9/22/2023	\$3,003.79
23-28	ROZA PAYROLL PAYABLE	9/1/2023	\$119,450.85
23-29	ROZA PAYROLL PAYABLE	9/15/2023	\$115,674.43
23-30	ROZA PAYROLL PAYABLE # 29675	9/29/2023	\$121,245.87
26-23	U.S. BANK/E.F.T.P.S.	9/1/2023	\$41,732.11
27-23	U.S. BANK/E.F.T.P.S.	9/15/2023	\$36,805.84
28-30	U.S. BANK/E.F.T.P.S.	9/29/2023	\$41,655.17
69302	DEPARTMENT OF RETIREMENT	9/1/2023	\$1,659.90
69303	ROZA EMPLOYEE BENEFIT FUND	9/1/2023	\$86.00
69304	NOE GUZMAN/C&C JANITORIAL	9/7/2023	\$385.00
69305	CENTURYLINK	9/8/2023	\$5.43
69306	BRANDCRAFT MEDIA, LLC	9/8/2023	\$199.00
69307	JAKE'S CUSTOM WINDOW TINTING	9/8/2023	\$1,256.28
69386	AT&T MOBILITY	9/12/2023	\$154.65
69387	CENTURYLINK	9/12/2023	\$167.87
69388	PACIFIC POWER & LIGHT CO.	9/12/2023	\$205.58
69389	DEPARTMENT OF RETIREMENT	9/14/2023	\$57,093.50
69390	NW LABORERS TRUST FUND	9/14/2023	\$55,600.00
69391	TRUEPOINT SOLUTIONS, LLC	9/14/2023	\$600.00
69392	DEPARTMENT OF RETIREMENT	9/15/2023	\$1,659.90
69393	ROZA EMPLOYEE BENEFIT FUND	9/15/2023	\$86.00
69394	AFLAC	9/15/2023	\$554.06
69395	LABORER'S LOCAL UNION 348	9/15/2023	\$2,240.00
69396	WASHINGTON STATE WEED ASSOCIAT	9/14/2023	\$200.00
69397	QUILL CORPORATION	9/18/2023	\$193.58
69398	CASCADE NATURAL GAS CO.	9/18/2023	\$85.32
69399	IMAGICOMM YAKIMA	9/18/2023	\$300.00
69400	IMAGICOMM YAKIMA	9/18/2023	\$700.00
69401	U.S. BUREAU OF RECLAMATION	9/18/2023	\$27,715.18
69402	CASCADIA LAW GROUP	9/20/2023	\$5,881.63
69403	U.S. CELLULAR	9/20/2023	\$3,643.76
69404	ERF COMPANY, INC.	9/20/2023	\$495.50
69405	BRYAN KUKES	9/20/2023	\$25.00
69406	NOE GUZMAN/C&C JANITORIAL	9/21/2023	\$385.00
69407	WINGARDNER ORCHARDS	9/20/2023	\$20.35
69408	STEVE HAYMAN	9/21/2023	\$451.19
69409	SYMETRA LIFE INSURANCE CO.	9/21/2023	\$482.72
69410	CITY OF SEATTLE	9/25/2023	\$1,900.00
69411	EMAIINT ENTERPRISES LLC	9/25/2023	\$5,295.92
69412	CO-ENERGY	9/25/2023	\$18,415.81
69413	TOM DENCHEL FORD COUNTRY	9/25/2023	\$8,518.65
69414	US MOWER	9/25/2023	\$3,130.54
69415	CENTURYLINK	9/25/2023	\$68.23
69416	RANDALL WYATT	9/26/2023	\$14.63
69417	WILLIAM MANDRELL	9/26/2023	\$21.38
69418	PITNEY BOWES GLOBAL FINANCIAL	9/26/2023	\$135.26
69419	SHANNON & WILSON, INC.	9/26/2023	\$7,454.40
69420	SUNNYSIDE VALLEY IRRIGATION DI	9/26/2023	\$113.70
69421	GARY ADKINS	9/28/2023	\$25.00
69422	THE PRINT GUYS, INC.	9/28/2023	\$340.38
69423	PACIFIC POWER & LIGHT CO.	9/28/2023	\$400.29
69424	RAINS-FLO MFG., INC.	9/28/2023	\$2,319.37
69425	DID #11	9/28/2023	\$39,748.99
69426	ROZA EMPLOYEE BENEFIT FUND	9/29/2023	\$88.00

Roza Irrigation District
VENDOR CHECK REGISTER REPORT
Payables Management

* Voided Checks

Check Number	Vendor ID	Vendor Check Name	Check Date	Checkbook ID	Audit Trail Code	Amount

Total Checks:	55			Total Amount of Checks:		\$734,981.30
						=====

Item #2



To: Board of Directors
From: Scott Revell, District Manager *Scott*
Date: October 10, 2023
Re: October 2023 Water Supply Forecast & Drought Management

2024 Water Supply Update

- ✓ The 2024 water year began on October 1, 2023.
- ✓ Water supply forecast remained at 73% in mid-September.


<u>Reservoir storage status on Oct. 3, 2023</u>		<u>Capacity (Ac. Ft)</u>
Keechelus	9%	157,800
Kachess	16%	239,000
Cle Elum	5%	436,900
Bumping	25%	33,960
Rimrock	23%	198,000
Total	12% of capacity (40% of avg.)	1,065,400

- ✓ Carryover storage from 2023 into 2024 will be about 1/3 of average.
- ✓ An El Nino patter is evolving, which can add or reduce water supply by about 15% to 20% on average. While El Nino years are generally not good for water supply, strong El Nino patterns can be good for water supply. Generally, the stronger the El Nino the better or water supply. Weaker El Nino's tend to be much worse for water supply.
- ✓ Each acre foot that Roza did not divert which could have been diverted remains in storage. Roza is 35.7% of proratable water supply (May 10, 1905 priority date) and will have access to 35.7% of unused water in storage which carry over in 2024, provided all senior rights are fulfilled. The water accounting resets each year on October 1 when the new water year starts.
- ✓ On October 3rd USBR issued an early October forecast for the portables of 36% of the October allocations. Roza's full October allocation is 6% of its 375,000-acre foot water right, which equates to 22,500-acre feet. 36% of 22,500 acre feet is 8,100 acre feet available in October 2023 from the 2024 water allocation.

Item #3



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager 

Date: October 9, 2023

Re: WW5 Reservoir North Embankment Modification Bid Award

Attachments:

1. WW5 Reservoir Embankment Modification Bids.

Miscellaneous items of note:

An invitation to bid for the WW5 Reservoir Embankment Modification was advertised in the Yakima and Tri-Cities Heralds September 17th and 24th. Bids were accepted until 2:30 p.m., Friday, September 29th, at which time they were opened and read aloud. Bid totals are summarized in the attached spreadsheet.

Eight bids were received. Culbert Construction was the low bidder with \$268,887.20. The second lowest bid was \$360,595.00, turned in by Selland Construction. The highest bid was \$577,000, turned in by Granite Construction.

Culbert Construction has been awarded two of the District's canal reshaping contracts in the recent past. They have the equipment and personnel capable of completing the project as outlined in the contract documents.

Staff recommends awarding the WW5 Reservoir Embankment Modification contract to Culbert Construction.

Recommended Motion:

I move to award of the WW5 Reservoir Embankment Modification contract to Culbert Construction as the lowest responsible bid of \$268,887.20.

WW5 Reservoir Embankment Modification Bids 9/29/2023

Bid Schedule 1			Engineer's Estimate		Culbert Construction		Odyssey Contracting		Scarsella Bros		R6 Contracting	
Description	Quantity	Units	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount
Mob/Demob	1	LS	25,000.00	25,000.00	24,684.75	24,684.75	37,500.00	37,500.00	78,000.00	78,000.00	40,000.00	40,000.00
Fill Site Topsoil Strip	6,700	CY	6.00	40,200.00	2.74	18,358.00	3.00	20,100.00	11.10	74,370.00	4.50	30,150.00
Excavation of cutoff wall Trench	3,100	CY	3.00	9,300.00	1.76	5,456.00	4.50	13,950.00	6.00	18,600.00	4.50	13,950.00
Cutoff Wall Fill/Compaction	3,100	CY	8.00	24,800.00	3.37	10,447.00	6.50	20,150.00	2.00	6,200.00	4.50	13,950.00
Rip-rap removal	267	CY	10.00	2,670.00	14.52	3,876.84	28.00	7,476.00	35.00	9,345.00	20.75	5,540.25
Dust Control	1	LS	5,000.00	5,000.00	1,078.94	1,078.94	7,000.00	7,000.00	2,500.00	2,500.00	15,000.00	15,000.00
Excavation/Hauling/Compaction	42,800	CY	8.00	342,400.00	4.59	196,452.00	6.50	278,200.00	4.20	179,760.00	6.10	261,080.00
Fence removal and replacement	1	LS	10,000.00	10,000.00	8,533.67	8,533.67	10,000.00	10,000.00	5,000.00	5,000.00	17,300.00	17,300.00
Total for Bid Schedule 1				459,370.00		268,887.20		394,376.00		373,775.00		396,970.25

Bid Schedule 1			James Dean Construction		Granite Construction		Selland Construction		Premier Excavation	
Description	Quantity	Units	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount
Mob/Demob	1	LS	25,000.00	25,000.00	57,620.00	57,620.00	15,000.00	15,000.00	25,669.00	25,669.00
Fill Site Topsoil Strip	6,700	CY	10.00	67,000.00	15.00	100,500.00	5.50	36,850.00	6.37	42,679.00
Excavation of cutoff wall Trench	3,100	CY	6.00	18,600.00	7.00	21,700.00	12.50	38,750.00	22.25	68,975.00
Cutoff Wall Fill/Compaction	3,100	CY	10.00	31,000.00	10.00	31,000.00	5.50	17,050.00	10.00	31,000.00
Rip-rap removal	267	CY	13.50	3,604.50	40.00	10,680.00	35.00	9,345.00	85.00	22,695.00
Dust Control	1	LS	36,500.00	36,500.00	3,000.00	3,000.00	1,000.00	1,000.00	32,000.00	32,000.00
Excavation/Hauling/Compaction	42,800	CY	7.50	321,000.00	7.75	331,700.00	4.50	192,600.00	6.69	286,332.00
Fence removal and replacement	1	LS	13,500.00	13,500.00	20,800.00	20,800.00	50,000.00	50,000.00	20,000.00	20,000.00
Total for Bid Schedule 1				516,204.50		577,000.00		360,595.00		529,350.00

Item #4



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager *WS*

Date: October 9, 2023

Re: Main Canal Sealing Bid Award

Attachments:

1. Main Canal Sealing Bids.

Miscellaneous items of note:

An invitation to bid for the WW5 Reservoir Embankment Modification was advertised in the Yakima and Tri-Cities Heralds September 10th and 17th. Bids were accepted until 10:00 a.m., Friday, September 29th, at which time they were opened and read aloud. Bid totals are summarized in the attached spreadsheet.

Three bids were received. Pacific Coatings was the low bidder with \$537,680. The second lowest bid was \$545,745.00, turned in by Matheson Painting. The highest bid was \$583,440, turned in by Columbia Industrial Coatings.

Staff has questioned Pacific Coatings about their ability to successfully complete the project and believes that they are qualified as a responsible bidder.

Staff recommends awarding the Main Canal Sealing contract to Pacific Coatings.

Recommended Motion:

I move to award of the Main Canal Sealing contract to Pacific Coatings as the lowest responsible bid of \$537,680.

Main Canal Sealing 2023-2024 bids

Bid Schedule 1				Columbia Industrial Coatings		Matheson Painting		Pacific Coatings	
Description	Quantity	Units	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	
Pre Work	5,720	Gal	26.00	\$ 148,720	21.49	\$ 122,923	21.50	\$ 122,980	
Material	5,720	Gal	50.00	\$ 286,000	52.43	\$ 299,900	45.00	\$ 257,400	
Application	5,720	Gal	26.00	\$ 148,720	21.49	\$ 122,923	27.50	\$ 157,300	
Total				\$ 583,440		\$ 545,745		\$ 537,680	

Item #5



To: Board of Directors
From: Scott Revell, District Manager
Date: October 10, 2023
Re: Main Canal Tree Removal/Trimming Update

Background

The District began allocating funds for removal and trimming trees since 2017, primarily along the Main Canal. Trees in the Main Canal embankment have been specifically listed in inspection reports by USBR.

Roza crews can remove some trees with saws and excavators. The mulcher had mechanized much of this work with massive labor savings. Some trees are located near power lines or structures and large trees require the services of professional contractors with specialized equipment. When trees are removed from the embankment the stumps are dug out and the embankment is recompacted. In some cases the embankment is “cored” using a deep trench filled with clay to provide a barrier to prevent water from following decaying tree roots through the embankment.

Capital funds were used for the first few years until the District began budgeting \$10,000 annually for tree trimming and removal in 2019. There have also been several instance where additional funds have been allocated through reprogrammed O&M funds, Tier II funds, etc.

Staff is proposing that the 2024 budget increase the amount for tree trimming and removal to \$25,000. There is enough work that even doubling or tripling that amount would still require several years to remove the trees along the Main Canal and drains/wasteways.

Assistant Maintenance Superintendent Glen Bos has inventoried the remaining trees to help the Maintenance Superintendent prioritize which need to be removed first. Mr. Bos. will present a brief overview of the work in 2023 and the remaining work in the years ahead.

Item #6



To: Board of Directors
From: Scott Revell, District Manager
Date: October 10, 2023
Re: Riparian Roundtable Update

Attachments

1. Riparian Roundtable membership roster

Background

The Riparian Roundtable was established after the Salmon Buffer bill failed to advance during the 2022 legislative session. Plauche and Carr, a Seattle area law firm, is facilitating the group as spelled out in the enabling legislation. The group has representation from a wide group of interested parties.

Roza is hosting part of a tour for the Riparian Roundtable group in October. The group is examining riparian issues statewide in anticipation of a new version of the salmon buffer bill in the 2024 or 2025 legislative session. Maintenance activities in irrigation drains and wasteways and their role in the life cycles of salmon and steelhead have a long history with permitting issues locally which could be affected.

There has been a much more constructive working relationship with the state and federal fish and wildlife management agencies in recent years than the 1990s-2000s when a more hardline regulatory approach was frequently used. There have been several examples of cooperation by irrigation districts including Roza which would not have been possible in the past. Examples include the creek supplementation program, the Box Canyon emergency channel construction, the mobile fish ladder and the acoustical tag purchases for Bull Trout research.

Timeline of Irrigation Drain & Wasteway Issues in the Yakima Basin

Below is an initial draft of a comprehensive timeline which will be presented to the Riparian Roundtable. The information below is not complete and remains a work in progress.

- 1984 Roza hires a full-time fish biologist. The position later is shared by the Yakima Basin Joint Board and grows to a team of consulting biologists with differing specialties.

- Late 1980's the lower ¼ mile of Roza Wasteway 3 was used by the Yakama Nation for coho salmon fingerling acclimatization. The site is at Milepost 46 on I-82 and is immediately adjacent to the Yakima River. The activity ended more than 20 years ago. It was the first attempt to rear and acclimatize salmon in an irrigation facility. Joint project between the Yakama Nation and Roza.
- 1994 KID obtained Hydraulic Project Approval (HPA) permits for cleanout work in the Amon Wasteway complex. Permits which were likely not required despite WDFW biologists' insistence that they were.
- 1996 Roza Sunnyside Board of Joint Control (RSBOJC) was formed to address on farm runoff (turbidity) into wasteways and the Yakima River (among other issues/efficiencies). The irrigation districts successfully requested enabling legislation (RCW 87.80).
- Washington Department of Fish & Wildlife (WDFW) issued an HPA violation citation to SVID for cleaning out a ditch without a permit. SVID prevailed in Benton County superior court.
- 2001 The Cramer stream flow report is prepared by the Yakama Basin Joint Board's fisheries consultants. The study examined several subbasins in the lower Yakima basin for historic flow data and their ability to support salmon and steelhead spawning and habitat. The YBB is an association of irrigation Districts and the city of Yakima in the Yakima basin.
- November 2007 US Army Corps of Engineers investigates a Clean Water Act violation caused by ditch cleaning and armoring in SVID's JT2 drain and SVID was found not to be in violation.
- Winter 2007-08- The Roza Sunnyside Board of Joint Control funds construction of a concrete apron fish passage barrier in Sulphur Wasteway south of Sunnyside about ½ mile from the Yakima River with the support of the federal fish agencies, the Yakama Nation & WDFW. The project cost \$530K (\$370K paid by RSBOJC +\$161K USBR). The apron is designed to prevent fish from gaining the momentum to jump the barrier which a pool would provide. Previously NMFS had asked/demanded that trees be planted along the wasteway for shade. Prior to construction of the barrier biologists would conduct fish rescue operations to collect adult salmon which had strayed into the wasteway.
- July 2007- Regional Guidance Letter (RGL) 07-02 is executed which spells out certain ditch cleaning activities which are exempt for the Clean Water Act permitting requirements. Mark Limbaugh was instrumental in getting the RGL in place when he was Assistant Secretary at Interior.

- Fall 2008- WDFW proposed a fish ladder in the Amon Wasteway and requested that the irrigation district to support it. The districts did not support the proposal based on the science and the project did not move forward.
- January 2010- Final draft issued of the Amon Wasteway Aquatic Habitat study which had been prepared for the Yakima Basin Joint Board. The study began in 2009 and examined water quality, temperature, flows, glides, slopes, substrate, macroinvertebrate presence etc. The study was undertaken at the request of WDFW in 2007. The study was reviewed in detail by WDFW/USF&WS/NMFS/YIN & USBR biologists.
- 2011 +/- Yakima Basin Joint Board successfully advocated for the removal of fishing regulation provisions in the Amon Wasteway (which had erroneously been listed in the regulations as Amon Creek).
- By 2013 DFW and the federal fish agencies, had come around to the view that, with limited exceptions, the irrigation drains in the basin were not good places for salmon and steelhead to be. Spawning in wasteways caused net negative population sinks and any benefits usually consisted of minor rearing benefits and limited temperature refuge. WDFW and the federal fish agencies generally have been of the opinion that the fish are better off in the mainstem and the natural tributaries.
- August 2015- Roza tours WDFW executives from the Olympia HQ through the district to examine drought impacts, on farm and canal system water conservation effects on drains & wasteways on fish and wildlife. Future conservation and the continued reduction in future flows was highlighted as irrigation systems are made more efficient.

Riparian Roundtable Participants

September 2023

- Alison Halpern, Scientific Policy Advisor and Acting Policy Director, Washington State Conservation Commission
- Bill Clarke, Attorney at Law and Lobbyist, Washington Realtors and Washington Public Utilities District Association
- Carl Schroeder, Deputy Director of Government Relations, Association of Washington Cities
- Chad Bowechop, Tribal Council Vice Chair, Makah Tribe
- Craig Bill, Director, Governor's Office of Indian Affairs
- Dani Madrone, Pacific Northwest Policy Manager, American Farmland Trust
- Daryl Williams, Environmental Contractor, Tulalip Tribes
- David Herrera, Fisheries and Wildlife Policy Advisor, Skokomish Tribe
- Derek Sandison, Director, Washington State Department of Agriculture
- Diana Carlen, Vice-President, Gordon Thomas Honeywell Governmental Affairs, and Consultant, Washington Association of Wheat Growers, Washington Potato and Onion Association, and Manulife Investment Management
- Edward Johnstone, Chairman, Northwest Indian Fisheries Commission
- Erik Neatherlin, Executive Director, Governor's Salmon Recovery Office
- Fran Wilshusen, Executive Director, Northwest Indian Fisheries Commission
- Gretchen Lech, Senior Policy and Engagement Manager, North America, Manulife Investment Management
- Heather Bartlett, Deputy Director, Washington State Department of Ecology
- Jarred-Michael Erickson, Tribal Business Council Chairman, Confederated Tribes of the Colville Reservation
- Jason Spadaro, Executive Director, Washington Forest Protection Association/ Tom Davis, Government Relations Director
- Jay Gordon, Policy Director, Washington State Dairy Federation
- Jeremy (J.J.) Wilbur, Tribal Council Vice Chair, Swinomish Indian Tribal Community
- Jim Cahill, Senior Budget Assistant to the Governor for Natural Resources, Office of Financial Management
- Jim Peters, Habitat Policy Analyst, Northwest Indian Fisheries Commission
- Jon DeVaney, President, Washington State Tree Fruit Association
- Justin Allegro, Policy Director, The Nature Conservancy in Washington

- Kadi Bizyayeva, Tribal Council Member and Fisheries Director, Stillaguamish Tribe
- Kate Dean, Commissioner, Jefferson County
- Kris Peters, Tribal Council Chairman, Squaxin Island Tribe
- Laura Blackmore, Executive Director, Puget Sound Partnership
- Leonard Forsman, Tribal Council Chairman, Suquamish Tribe
- Lisa Wilson, Tribal Council Member, Lummi Nation
- Loni Greninger, Tribal Council Vice Chair, Jamestown S'Klallam Tribe
- Margen Carlson, Habitat Program Director, Washington State Department of Fish and Wildlife
- Mark Streuli, Lobbyist, Washington Cattlemen's Association, Potato Commission
- Matt Harris, Director of Governmental Affairs, Washington State Potato Commission
- Megan Duffy, Director, Washington Recreation and Conservation Office
- Michelle Hennings, Executive Director, Washington Association of Wheat Growers
- Mindy Roberts, Puget Sound Program Director, Washington Conservation Action
- Paul Jewell, Policy Director – Water, Land Use, Environment & Solid Waste, Washington State Association of Counties
- Phil Rigdon, Director, Department of Natural Resources, Yakama Nation
- Rob Duff, Executive Director of Policy & Outreach, Office of Governor Jay Inslee
- Ron Allen, Tribal Council Chairman, Jamestown S'Klallam Tribe
- Ron Wesen, Commissioner, Skagit County
- Rosella Mosby, President, Washington Farm Bureau
- Ruth Musgrave, Senior Policy Advisor for Natural Resources, Office of Governor Jay Inslee
- Vanessa Kritzer, Executive Director, Washington Association of Land Trusts
- Wes McCart, Commissioner, Stevens County
- Willie Frank III, Tribal Council Chairman, Nisqually Indian Tribe

Item #7



To: Board of Directors
From: Dave Rollinger, Watermaster *DR*
Date: October 10, 2023
Re: Recent Past and Future Maintenance Work

Summary for September

September has consisted of mostly routine scheduled maintenance and gearing up for the 2023/24 construction year.

Water Delivery

- Water diversions averaged around 530 CFS +/- for the month of September with a high of 580 CFS and a low of 400 CFS.

P14 ECS Project

- All necessary locates for the P14 ECS road crossings have been done.
- Dave Clark, Roza's fabricator, has finished building flowmeter tops and bottoms for P14 ECS project
- Interstate Saw and Drilling cut the asphalt on each of the County roads where the P14 enclosed conduit system will cross. A total of 6 road crossings will be done this year.
- Crews have been digging out a pond within the 70.6 drainage area in exchange for the silt. The silt is being stockpiled at Pump 14 plant and will be used to backfill around the pipe on the P14 ECS project.
- Roza crews started digging and installing pipe on 2 road crossing on Gap Rd. on 9/26/2023.

Distribution System Maintenance

- The pump mechanics have been doing the routine normal maintenance and have been testing pump flows to detect possible pump issues that will need to be addressed over the winter.
- Trouble shooters repaired 2 pipe leaks and 3 air vents for the month of September.
- Trouble shooters formed and poured 6 Main Canal turnout wall extensions to prevent erosion around the concrete structures.

- Crews finished cleaning the unlined section of Waste Way 3 between Yakima Valley Hwy and I-82 freeway and are now cleaning section V of the Moxee A-Drain with a John Deere 210 long stick excavator rented from Pape Machinery.
- Crews continue to making good progress on drainages using the 314 excavator and the mulcher. Using the mulcher continues to save significantly on man hours and chipper rental costs.
- The Main Canal Road building crew finished building and graveling roads for the year completing a total of 3 miles, the crew will continue grading and maintaining the Main Canal from 33.8 downstream.
- Trouble shooters have started year end maintenance, replacing downstream valves and weir blades on the distribution system.
- Gravel packs have been cleaned for the 5th and final time for the year.
- The mowing crew has finished the 3rd pass on the Main Canal and will start mowing open laterals for the 3rd time.
- Trouble shooters started rodding out drain pipes to remove obstructions in the Moxee area for the 3rd and final time for the water season.
- A land owner requested to have gate installed on the high side of the Main Canal and Faucher Rd. the gate that was installed on the lower Main Canal Road forced traffic to the high side. Roza crews placed 2 ecology blocks on the right of way to help curb the traffic problem.

Weed Control

- Sprayers continue to spot spray cattails, bull rush, and puncture vine on the Main Canal and laterals.

Equipment

- The new John Deere 135P has arrived and is ready to start digging.
- The transmission and the oil cooler went out on #114 our 2016 Gradall and will have to be replaced.
- The Hydraulic lift cylinder on #67 our 2005 Sterling dump truck has been replaced.
- The new grout machine has been installed on the trailer and is back in service.
- A new transmission was installed on #88 our 2018 F350 spray truck and is back in service.

Projected for October

- Continue working on the P14 ECS project.
- Continue mowing laterals and the Main Canal.
- Continue cleaning drains as manpower allows.
- Continue grading and maintaining the Main Canal roads.

- Asses Main Canal and Wasteway concrete lined panels that will have to be removed and replaced.

Item #8



To: Board of Directors
From: Scott Revell, District Manager
Date: October 10, 2023
Re: District Manager's Monthly Update

Scott

Miscellaneous Items


1. Two Roza employees will help to build the straw bale channel at Box Canyon Creek. When the reservoir is low Bull Trout cannot get from the reservoir up into the creek to spawn. The channel concentrated to the creek flow into a narrow chute which the fish use to get higher up the creek. The channel was built in 2001, 2005, 2015 and 2019.
2. Quagga mussels were found in larvae stage in the Snake River for the first time in late September. WDFW has crews monitoring the Snake River downstream.
3. The Interlocal agreement with Benton County has been executed.
4. We are hosting part of a tour for the Riparian Roundtable group in October. The group is examining riparian issues statewide in anticipation of a new version of the salmon buffer bill in the 2024 or 2025 legislative session. Maintenance of irrigation drains and wasteways have a long history with permitting issues locally which could be affected.
5. USBR has asked Roza to undertaking fully reimbursable surveying work at Cle Elum Reservoir to expedite to pool raise project.
6. Nomination petitions for the 2023 election cycle for terms ending 2023 are due by 5 p.m. on the first Monday in November, which is the 6th.
7. 2 employees were out with Covid in September.

September Meetings Report

- ✓ River Operations (September 7th)
- ✓ DID #11 2024 budget review (September 7th)
- ✓ Water Transfer Work Group (September 11th)
- ✓ Integrated Plan Water Use Subcommittee (September 8th)

- ✓ Yakima Basin Integrated Plan Work Group, Executive Committee and Implementation Committee monthly meetings (September 13th)
- ✓ Family Farm Alliance tour (September 14th)
- ✓ Washington Forestry panel re: Integrated Plan (September 14th)
- ✓ WSWRA (August 16th)
- ✓ Yakima Basin Integrated Plan Policy Team meeting (August 23rd)
- ✓ Yakima Basin Joint Board (September 25th)
- ✓ Yakima Basin Integrated Federal Funding Coordination (August 30th)
- ✓ Roza tour with incoming YTID manager (August 31st)



To: Board of Directors
From: Scott Revell, District Manager 
Date: October 10, 2023
Re: Future Potential Uses of District Reserve Funds

Background

There are several items which could result in draws on the District reserves in the next few years:


- Kachess Dam Outlet works repairs- \$1,117,598 as follows:

-September 1, 2023	\$368,807 (paid)
-September 1, 2024	\$603,503
-September 1, 2025	\$ 73,761
-September 1, 2026	\$ 39,116
-September 1, 2027	\$ 32,411
- Capital Plan deficits- \$1,050,00 +/- short duration (2 to 4 years) use of reserves for internal financing of projects in the approved capital plan. These amounts are shown in green on the capital plan and are offset by underspending in both prior and future years.
- Feasibility studies for large capital projects \$250,000+ each (WW6 re-reg expansion/lower end Main Canal piping & Main Canal floor replacement).
- Insurance deductibles \$10,000 each.
- Leave payouts-\$30,000 to \$75,000 in 2024.
- NPDES appeal costs \$100,000+.
- Bumping Dam outlet works repairs-\$1,000,000 +/- . Costs are not known but thought by USBR to be similar in scope to the Kachess Dam repairs. Repairs are 5+ years out.
- Roza Dam switch gear-\$100,000+ Roza's share of the costs are not known but thought by USBR to be roughly this amount. Repairs are 3+ years out provided there is not a catastrophic failure.
- Failure of the switchgear at a Roza pumping plant could run a few hundred thousand dollars if it occurred prior to replacement of the switchgear at Pump 16.

Item #9



To: Board of Directors

From: Wayne Sonnichsen, Engineering Manager 

Date: October 10, 2023

Re: Engineering Manager's Report

Attachments:

1. Groundwater Analytical Report

Miscellaneous items of note:

- Work on the P3 Low ECS project continues.
- Engineering Technicians, Steve Hayman and Lazaro Lopez have been staking pipe routes and preparing for the Pump 14 ECS project.
- Shannon & Wilson Engineering has completed two quarters of testing the ground water taken from the monitoring wells at the Roza Irrigation District headquarters. The attached report includes the latest analytical results.

The concentrations in monitoring wells MW-27 and MW-28 increased between the May and August sampling events. In light of this, Shannon & Wilson has suggested using a silica gel preparation method for those two monitoring wells during the November monitoring event.

An excerpt from an email from Ryan Peterson of Shannon & Wilson explains the reasoning: "Petroleum in groundwater naturally biodegrades into hydrocarbons and polar metabolites. The MTCA Method A cleanup level for diesel applies to hydrocarbons only and is the cleanup level we are comparing our results. The NWTPH-Dx analytical method quantifies the carbon and hydrogen in the sample so it doesn't distinguish hydrocarbons from polar metabolites. Silica gel is used to remove polar metabolites from the sample prior to quantification of the carbon and hydrogen.

I recommend using silica gel cleanup at this time because the concentration of diesel-range hydrocarbons at the two downgradient wells (MW-27 and MW-28) is higher than the last sampling event and I'm concerned that the concentration may approach the MTCA Method A cleanup level during the next sampling event. I'd like to use the silica gel cleanup method during the next quarterly sampling event. If the concentration of diesel exceeds the MTCA Method A cleanup level using standard NWTPH-Dx procedures, it would be beneficial to have a silica gel prepared sample result that may have a lower concentration. The additional analytical cost will be ~\$190 and can be supported with our current budget."

Table 6: Groundwater Analytical Results - 2018 to Present

Well ID	Sample Number	Sample Date	Petroleum (µg/L)			BTEX (µg/L)				
			Diesel (Fuel Oil)	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
MTCA Method A			500	500	1,000	5	1,000	700	1,000	
MW-10	MW-10-09262018	9/26/2018	< 49.8	< 99.6	< 50.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	MW-10-01102019	1/10/2019	< 50.2	< 100	NA	NA	NA	NA	NA	NA
	MW-10-04032019	4/3/2019	< 50.3	< 101	NA	NA	NA	NA	NA	NA
	MW-10-07022019	7/2/2019	69.8	129	NA	NA	NA	NA	NA	NA
	MW-100-07022019 (duplicate sample)	7/2/2019	< 49.6	142	NA	NA	NA	NA	NA	NA
	MW-10-09282021	9/28/2021	< 99.1	< 99.1	NA	NA	NA	NA	NA	NA
MW-11	MW-11-09262018	9/26/2018	53.8*	< 100	< 50.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	MW-11-01092019	1/9/2019	< 50.2	< 100	NA	NA	NA	NA	NA	NA
	MW-100-01092019 (duplicate sample)	1/9/2019	< 50.2	< 100	NA	NA	NA	NA	NA	NA
	MW-11-04022019	4/2/2019	< 50.2	< 100	NA	NA	NA	NA	NA	NA
	MW-11-07022019	7/2/2019	< 50.1	< 100	NA	NA	NA	NA	NA	NA
	MW-11-09282021	9/28/2021	< 125	< 125	NA	NA	NA	NA	NA	NA
	MW-11-05262022	5/26/2022	< 94.1	< 94.1	NA	NA	NA	NA	NA	NA
	MW-11-082522	8/25/2022	< 94.3	199	NA	NA	NA	NA	NA	NA
	MW-11-113022	11/30/2022	< 97	179	NA	NA	NA	NA	NA	NA
	MW-11-051023	5/10/2023	<97.4	<97.4	NA	NA	NA	NA	NA	NA
	MW-11-082423	8/24/2023	102	<94.6	NA	NA	NA	NA	NA	NA
MW-100-082423 (duplicate sample)	8/24/2023	126	<93.2	NA	NA	NA	NA	NA	NA	
MW-15	MW-15-09262018	9/26/2018	95,100 D	< 100	< 50.0	< 1.00	< 1.00	< 1.00	< 1.00	1.06
	MW-100-09262018 (duplicate sample)	9/26/2018	88,600 D	< 100	< 50.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
	MW-15-01102019	1/10/2019	3,400	< 99.4	NA	NA	NA	NA	NA	NA
	MW-15-04022019	4/2/2019	5,590 D	< 99.2	NA	NA	NA	NA	NA	NA
	MW-100-04022019 (duplicate sample)	4/2/2019	485,000 D	< 998 D	NA	NA	NA	NA	NA	NA
	MW-15-07022019	7/2/2019	3,470	< 99.8	NA	NA	NA	NA	NA	NA
	MW-15-051523	5/15/2023	2,050	<94.8	NA	NA	NA	NA	NA	NA
	MW-15-051523F (lab filtered)	5/15/2023	1,280	<95.0	NA	NA	NA	NA	NA	NA
MW-15-082423	8/24/2023	100,000 D	<94.2	NA	NA	NA	NA	NA	NA	
MW-22	MW-22-09282021	9/28/2021	1,330	< 99.5	NA	NA	NA	NA	NA	NA
	MW-23-09282021	9/28/2021	1,500	< 99.5	NA	NA	NA	NA	NA	NA
	MW-23-05262022	5/26/2022	< 93.3	217 B	NA	NA	NA	NA	NA	NA
MW-23	MW-100-05262022 (duplicate sample)	5/26/2022	< 96.2	211 B	NA	NA	NA	NA	NA	NA
	MW-23-082422	8/24/2022	< 93.0	229	NA	NA	NA	NA	NA	NA
	MW-23-112922	11/29/2022	< 96.9	259	NA	NA	NA	NA	NA	NA
	MW-23-050923	5/9/2023	163	<95.0	NA	NA	NA	NA	NA	NA
MW-23-08242023	8/24/2023	163	<94.6	NA	NA	NA	NA	NA	NA	

Table 6: Groundwater Analytical Results - 2018 to Present

Well ID	Sample Number	Sample Date	Petroleum (µg/L)			BTEX (µg/L)				
			Diesel (Fuel Oil)	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
MTCA Method A			500	500	1,000	5	1,000	700	1,000	
MW-24	MW-24-05262022	5/26/2022	< 92.6	367 B	NA	NA	NA	NA	NA	NA
	MW-24-082522	8/25/2022	< 93.7	362	NA	NA	NA	NA	NA	NA
	MW-24-113022	11/30/2022	< 93.7	555	NA	NA	NA	NA	NA	NA
	MW-24-051023	5/10/2023	334	<92.7	NA	NA	NA	NA	NA	NA
	MW-100-051023 (duplicate sample)	5/10/2023	233	<96.1	NA	NA	NA	NA	NA	NA
	MW-24-082323	8/23/2023	318	<94.5	NA	NA	NA	NA	NA	NA
MW-25	MW-25-05262022	5/26/2022	110	225 B	NA	NA	NA	NA	NA	NA
	MW-25-082522	8/25/2022	< 94.2	209	NA	NA	NA	NA	NA	NA
	MW-25-113022	11/30/2022	< 94.2	261	NA	NA	NA	NA	NA	NA
	MW-25-050923	5/9/2023	115	<95.0	NA	NA	NA	NA	NA	NA
	MW-25-082323	8/23/2023	133	<93.5	NA	NA	NA	NA	NA	NA
MW-26	MW-26-05262022	5/26/2022	< 93.3	180 B	NA	NA	NA	NA	NA	NA
	MW-26-082422	8/24/2022	< 93.5	159	NA	NA	NA	NA	NA	NA
	MW-100-082422 (duplicate sample)	8/24/2022	< 94.1	434	NA	NA	NA	NA	NA	NA
	MW-26-112922	11/29/2022	< 96.1	139	NA	NA	NA	NA	NA	NA
	MW-100-112922 (duplicate sample)	11/29/2022	< 95.6	198	NA	NA	NA	NA	NA	NA
	MW-26-051023	5/10/2023	<97.6	<97.6	NA	NA	NA	NA	NA	NA
MW-27	MW-26-082323	8/23/2023	135	<94.7	NA	NA	NA	NA	NA	NA
	MW-27-051123	5/11/2023	<94.5	<94.5	NA	NA	NA	NA	NA	NA
	MW-27-082423	8/24/2023	164	<98.2	NA	NA	NA	NA	NA	NA
MW-28	MW-28-051123	5/11/2023	207	<96.1	NA	NA	NA	NA	NA	NA
	MW-28-082323	8/23/2023	328	<97.5	NA	NA	NA	NA	NA	NA

NOTES:

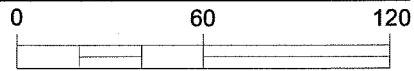
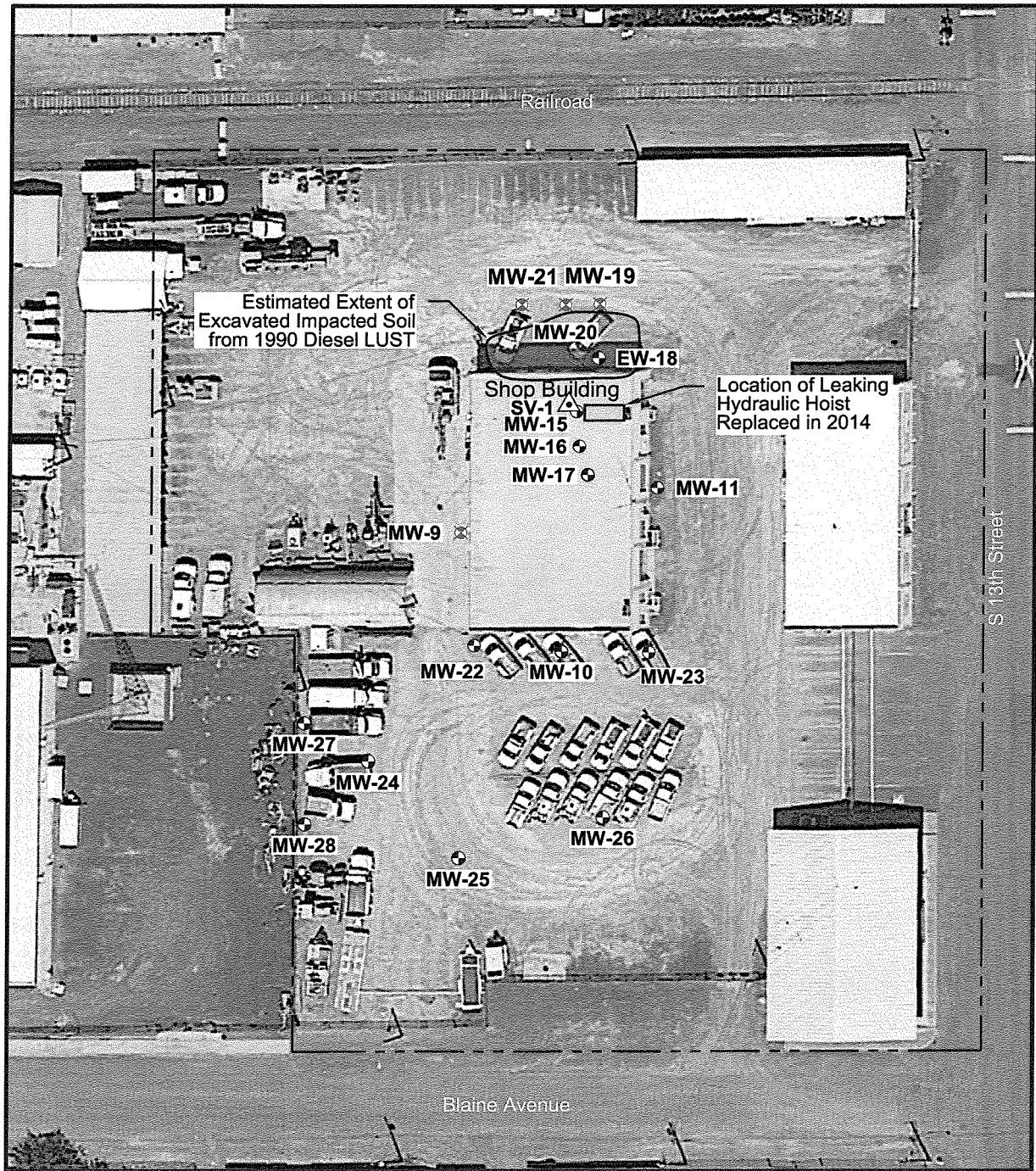
Bold text indicates a detected analyte.

* = Lab reported the result as "Diesel (C12-C24)"

Light-blue shading data was collected during most recent monitoring event of August 2023.

Tan-shaded cells indicate a detection greater than MTCA Method A cleanup criteria.

< = analyte was not detected, reported as less than the reporting limit; B = analyte detected in the associated method blank; BTEX = benzene, toluene, ethylbenzene, and xylenes; D = dilution was required; µg/L = micrograms per liter; MTCA = Model Toxics Control Act; NA = not analyzed



LEGEND

- MW-10 Monitoring Well Designation and Surveyed Location
- MW-9 Destroyed or Decommissioned Monitoring Well Designation and Approximate Location
- SV-1 Vapor Pin Designation and Approximate Location
- - - - - Roza Irrigation District Property Boundary

Approximate Scale in Feet

Roza Irrigation District
125 S 13th Street
Sunnyside, Washington

APPROXIMATE RELEASE AREAS AND HISTORICAL MONITORING WELLS

October 2023

100500-005