



**REGULAR MEETING
NORTH CLACKAMAS COUNTY WATER COMMISSION
BOARD OF DIRECTORS
JUNE 27, 2024 at 5:30 p.m.**

Join In-Person or Online
14496 SE River Rd.
Oak Grove, OR 97267

<https://us02web.zoom.us/j/82110094240>

AGENDA

PUBLIC HEARING – 5:30 PM

1. Convene Public Hearing: FY2025 Budget
2. Invite Public Comment on Budget (Approved March 28)
3. Director Comments and Discussion
4. Close Public Hearing

BOARD OF DIRECTORS – EST. 5:40 PM

1. **Call Meeting to Order**
2. **Approve Agenda**
3. **Public Comment**
4. **Approval of Minutes**
 - 4.1 Approval of Minutes from the March 28, 2024 Budget Committee and Regular Meetings
5. **Adoption of Consent Calendar**
 - 5.1 Authorization of Checks for March, April, and May 2024
6. **Board Discussion**
 - 6.1 Adopt FY2024-25 Budget and Authorize Appropriations (Resolution 2024-3)
 - 6.2 Establish FY2024-25 Wholesale Water Rate (Resolution 2024-4)
 - 6.3 FY2023-24 Budget Transfers
7. **Monthly Items**
 - 7.1 Financial Reports
 - 7.2 Operations Report
 - 7.3 Manager's Report
 - 7.4 Business from the Board
8. **Adjourn Regular Meeting**



**BUDGET COMMITTEE
MEETING MINUTES – 5:30 P.M.
MARCH 23, 2023**

BUDGET COMMITTEE PRESENT:

Paul Gornick	Oak Lodge Water Services
Kevin Williams	Oak Lodge Water Services
Chris Hawes	Sunrise Water Authority
Kevin Bailey	Sunrise Water Authority
Luke Roberts	City of Gladstone
Bob Weber	Oak Lodge Water Services
Ron Weigel	Oak Lodge Water Services
Michael Morrow	Sunrise Water Authority
James Kerr	Sunrise Water Authority
Nina Harrington	City of Gladstone

STAFF PRESENT:

Wade Hathhorn	Sunrise Water Authority
Gail Stevens	Oak Lodge Water Services
Laural Casey	Oak Lodge Water Services

ATTENDEES:

Jamey Pietzold	Sunrise Water Authority
Lester Garrison	Clackamas River Water

1. Convene Budget Committee Meeting

Board Chair Gornick called the Budget Committee meeting to order at 5:30 p.m. and facilitated introductions.

2. Introductions and Elect Budget Committee Chair

Director Roberts nominated Citizen Representative Weber for Budget Committee Chair. Director Hawes seconded. Recorder Casey conducted a roll call vote. Voting Aye: Directors Roberts, Hawes, Bailey, Williams, and Gornick; and Citizen Representatives Harrington, Weber, and Morrow.

MOTION CARRIED

3. Presentation on Proposed FY2023-24 Budget

Committee Members Weigel and Kerr arrived.

General Manager Hathhorn overviewed the structure of NCCWC governance and operations, including how revenue is generated and expenditures are allocated. General Manager Hathhorn and Finance

Director Stevens presented highlights on the Proposed FY 2025 Budget and Capital Improvement Plan and answered clarifying questions from the Budget Committee.

4. Committee Discussion with Public Input/Comment

The Budget Committee asked questions and made comments regarding:

- Security-related capital improvements,
- Membrane filtration replacement schedule,
- Repeat pump motor rebuilds,
- Building and grounds expenditures, and
- Future emergency pipeline projects.

General Manager Hathhorn provided additional details justifying capital projects.

A correction was made and accepted by Finance Director Stevens regarding a typo in the Staff Training line item description.

Budget Committee Chair Weber opened the floor to members of the public for comment.

There were none.

5. Consider Motion to Approve/Amend FY2024-25 Budget

Budget Committee Chair Weber called for a motion. Director Gornick moved to approve the fiscal year 2024-25 Proposed Budget. Director Gornick seconded. Recorder Casey conducted a roll call vote. Voting Aye: Directors Roberts, Hawes, Williams, Bailey, Gornick; and Citizen Representatives Weber, Weigel, Harrington, Kerr, and Morrow.

MOTION CARRIED

6. Adjourn Regular Meeting

Budget Committee Chair Weber adjourned the meeting at 6:26 p.m.



**BOARD OF DIRECTORS
MEETING MINUTES – 6 P.M.
MARCH 23, 2024**

BOARD MEMBERS PRESENT:

Paul Gornick	Oak Lodge Water Services
Kevin Williams	Oak Lodge Water Services
Chris Hawes	Sunrise Water Authority
Kevin Bailey	Sunrise Water Authority
Luke Roberts	City of Gladstone

STAFF PRESENT:

Wade Hathhorn	Sunrise Water Authority
Gail Stevens	Oak Lodge Water Services
Laural Casey	Oak Lodge Water Services

ATTENDEES:

Jamey Pietzold	Sunrise Water Authority
Lester Garrison	Clackamas River Water

1. Call to Order

Chair Gornick called the Board of Directors meeting to order at 6:30 p.m.

2. Approve Agenda

Chair Gornick called for a motion. Director Williams moved to approve the agenda. Director Roberts seconded. Recorder Casey conducted a roll call vote. Voting Aye: Directors Roberts, Bailey, Hawes, Gornick, and Williams.

MOTION CARRIED

3. Public Comment

There was no public comment.

4. Approval of Minutes

4.1 Approval of Minutes of the January 25, 2024 Regular Meeting

Chair Gornick called for a motion. Director Hawes moved to approve the January 25, 2024 minutes. Director Williams seconded. Recorder Casey conducted a roll call vote. Voting Aye: Directors Roberts, Bailey, Hawes, Gornick, and Williams.

MOTION CARRIED

5. Adoption of Consent Calendar

5.1 Authorization of Checks for January and February of 2024

Chair Gornick called for a motion. Director Roberts moved to adopt the Consent Calendar. Director Hawes seconded. Recorder Casey conducted a roll call vote. Voting Aye: Directors Roberts, Bailey, Hawes, Gornick, and Williams.

MOTION CARRIED

6. Board Discussion

There were no items on the agenda.

7. Monthly Items

7.1 Financial Reports

Finance Director Stevens overviewed the written report.

7.2 Operations Report

General Manager Hathhorn answered questions regarding NCCWC regional partners' wholesale water movement and expenditures.

7.3 Manager's Report

General Manager Hathhorn overviewed the written report, highlighting participation in the WET scholarship program, and answered questions regarding snowpack.

7.4 Business from the Board

There was no business.

Lester Garrison asked questions regarding the slow sand replacement costs.

8. Adjourn Regular Meeting

Chair Gornick adjourned the meeting at 6:47 p.m.

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Agenda Item 5.1

Subject: Authorization of Checks for March, April and May 2024

Presenter(s): Gail Stevens, Finance Director

Board Action: The Board is requested to formally authorize the check runs.

Attachments: Bank Reconciliation Checks by Date Report

Background: The Board is responsible for reviewing and approving monthly check runs.

Analysis: In the three-month period March – May 2024, there were 34 electronic withdrawals totaling \$1,551,933.86 and 78 valid checks issued numbered 31101 through 31179 totaling \$558,760.73 – total period payments of \$2,110,694.59. There was one voided check for \$442.50 during current period.

Options: None

Staff Recommendation: Approve check run as presented for March, April, and May 2024.

Draft Motion: Move to approve all checks and electronic withdrawals for the period March, April, and May 2024 totaling \$2,110,694.59 noting there was one voided check from the current period.

Bank Reconciliation
 Checks by Date
 User: Gail
 Printed: 06/19/2024 - 7:00PM
 Cleared and Not Cleared Checks
 Print Void Checks

ACH Disbursement Activity

Number	Issue Date	Vendor	Comment	Module	Void	Amount
0	3/8/2024	Internal Revenue Service-ACH		AP		4,131.49
0	3/8/2024	OR Department of Revenue		AP		1,220.87
0	3/8/2024	Portland General Electric		AP		37,734.16
0	3/8/2024	Payroll Direct Deposit	DD 00001.03.2024	PR		9,843.69
0	3/9/2024	Wells Fargo Remittance Ctr MC		AP		1,533.85
0	3/12/2024	Oregon PERS		AP		4,840.40
0	3/22/2024	Internal Revenue Service-ACH		AP		4,137.11
0	3/22/2024	Knife River Corporation - Northwest		AP		511,569.84
0	3/22/2024	OR Department of Revenue		AP		1,227.18
0	3/22/2024	Tapani Inc		AP		260,203.02
0	3/22/2024	Payroll Direct Deposit	DD 00002.03.2024	PR		9,919.52
0	3/27/2024	Oregon PERS		AP		4,507.92
0	4/5/2024	Internal Revenue Service-ACH		AP		4,153.72
0	4/5/2024	Knife River Corporation - Northwest		AP		499,645.30
0	4/5/2024	OR Department of Revenue		AP		1,225.46
0	4/5/2024	Payroll Direct Deposit	DD 00001.04.2024	PR		9,850.37
0	4/9/2024	Portland General Electric		AP		36,971.33
0	4/9/2024	Wells Fargo Remittance Ctr MC		AP		13,908.68
0	4/12/2024	Oregon PERS		AP		4,533.85
0	4/19/2024	Internal Revenue Service-ACH		AP		4,122.50
0	4/19/2024	OR Department of Revenue		AP		1,215.68
0	4/19/2024	Payroll Direct Deposit	DD 00002.04.2024	PR		9,793.47
0	4/26/2024	Oregon PERS		AP		9,006.85
0	5/3/2024	Internal Revenue Service-ACH		AP		4,335.35
0	5/3/2024	OR Department of Revenue		AP		1,279.34
0	5/3/2024	Payroll Direct Deposit	DD 00001.05.2024	PR		10,194.78
0	5/8/2024	Portland General Electric		AP		55,478.68
0	5/9/2024	Wells Fargo Remittance Ctr MC		AP		5,007.14
0	5/17/2024	Internal Revenue Service-ACH		AP		3,933.15
0	5/17/2024	OR Department of Revenue		AP		1,164.49
0	5/17/2024	Payroll Direct Deposit	DD 00002.05.2024	PR		9,485.23
0	5/31/2024	Internal Revenue Service-ACH		AP		4,326.18
0	5/31/2024	OR Department of Revenue		AP		1,272.16
0	5/31/2024	Payroll Direct Deposit	DD 00003.05.2024	PR		10,161.10
ACH Disbursement Activity Subtotal					34	1,551,933.86
Voided ACH Activity						-
Adjusted ACH Disbursement Activity Subtotal						1,551,933.86

Paper Check Disbursement Activity

Number	Issue Date	Vendor	Comment	Module	Void	Amount
31101	3/1/2024	AFLAC		AP		442.50
31102	3/1/2024	MOSS ADAMS LLP		AP		6,300.00
31103	3/1/2024	Special Districts Insurance Sv		AP		9,364.87
31104	3/1/2024	Sunrise Water Authority		AP		9,251.67
31105	3/1/2024	Verizon Wireless		AP		325.93
31106	3/8/2024	Alexin Analytical Laboratories		AP		410.00
31107	3/8/2024	Cintas Corporation - 463		AP		103.23
31108	3/8/2024	Field Instruments & Controls, Inc.		AP		6,288.46
31109	3/8/2024	Hasa, Inc		AP		3,597.36
31110	3/8/2024	Portland Engineering Inc.		AP		50.00
31111	3/15/2024	Clackamas River Water District		AP		97,036.69
31112	3/15/2024	Ferguson Enterprises, Inc.		AP		364.28
31113	3/15/2024	IDEXX Distribution Corp		AP		1,471.88
31114	3/15/2024	Oregon City Garbage Co.		AP		55.65
31115	3/15/2024	Stein Oil Co.		AP		112.69
31116	3/15/2024	The Oregonian		AP		334.08
31117	3/22/2024	Merina & Company, LLP		AP		720.00
31118	3/22/2024	Ritz Portland		AP		212.86
31119	3/22/2024	Special Districts Insurance Sv		AP		9,364.87
31120	4/5/2024	AFLAC		AP	Void	442.50
31121	4/5/2024	Cintas Corporation - 463		AP		118.26
31122	4/5/2024	FEI Testing & Inspection, Inc.		AP		5,783.25
31123	4/5/2024	Employee Business Expense Reimbursement		AP		228.00
31124	4/5/2024	NW Natural		AP		212.03
31125	4/5/2024	Sunrise Water Authority		AP		8,687.26
31126	4/5/2024	Team Electric Company		AP		225.00
31127	4/5/2024	Univar USA Inc		AP		2,739.99

Bank Reconciliation
 Checks by Date
 User: Gail
 Printed: 06/19/2024 - 7:00PM
 Cleared and Not Cleared Checks
 Print Void Checks

31128	4/5/2024	Verizon Wireless	AP	578.45
31129	4/12/2024	Cintas Corporation - 463	AP	103.23
31130	4/12/2024	Clackamas River Water District	AP	109,535.16
31131	4/12/2024	Clackamas River Water Provider	AP	40,286.25
31132	4/12/2024	Hasa, Inc	AP	3,478.80
31133	4/12/2024	NW Natural	AP	255.97
31134	4/12/2024	Oregon City Garbage Co.	AP	55.65
31135	4/12/2024	Overhead Door Co. of Portland	AP	262.50
31136	4/12/2024	Portland Engineering Inc.	AP	50.00
31137	4/12/2024	Special Districts Insurance Sv	AP	9,364.87
31138	4/12/2024	Team Electric Company	AP	882.00
31139	4/19/2024	BridgeTower OpCo, LLC	AP	47.25
31140	4/19/2024	Cintas Corporation - 463	AP	118.26
31141	4/19/2024	Milliman, LLC	AP	1,250.00
31142	4/19/2024	Oak Lodge Water Services Authority	AP	4,030.00
31143	4/19/2024	Oregon Secretary of State	AP	250.00
31144	4/19/2024	Sunrise Water Authority	AP	7,262.69
31145	4/19/2024	UL LLC	AP	5,803.00
31146	4/26/2024	Colvin Oil I LLC	AP	174.89
31147	4/26/2024	Hasco Stations, LLC	AP	354.64
31148	4/26/2024	Larry Potter Landscape Services	AP	342.00
31149	4/26/2024	Trotter & Morton - Portland	AP	4,246.00
31150	4/26/2024	Verizon Wireless	AP	322.31
31151	5/3/2024	Cintas Corporation No. 2	AP	99.00
31152	5/3/2024	NW Natural	AP	179.75
31153	5/3/2024	OHA Cashier	AP	10,800.00
31154	5/3/2024	Portland Engineering Inc.	AP	50.00
31155	5/16/2024	ADT Commerical	AP	260.00
31156	5/16/2024	Cintas Corporation - 463	AP	339.75
31157	5/16/2024	Cintas Corporation No. 2	AP	198.00
31158	5/16/2024	Clackamas River Water District	AP	115,653.84
31159	5/16/2024	Hasco Stations, LLC	AP	304.97
31160	5/16/2024	Employee Business Expense Reimbursement	AP	104.00
31161	5/16/2024	OR Dept of State Lands	AP	399.00
31162	5/16/2024	Oregon City Garbage Co.	AP	55.65
31163	5/16/2024	Portland Engineering Inc.	AP	280.00
31164	5/16/2024	Pump Dynamics, LLC	AP	45,640.88
31165	5/16/2024	Special Districts Insurance Sv	AP	9,364.87
31166	5/16/2024	UL LLC	AP	5,803.00
31167	5/24/2024	AFLAC	AP	442.50
31168	5/24/2024	Field Instruments & Controls, Inc.	AP	224.59
31169	5/24/2024	Hasco Stations, LLC	AP	380.38
31170	5/24/2024	Larry Potter Landscape Services	AP	400.00
31171	5/24/2024	South Fork Water Board	AP	1,145.23
31172	5/24/2024	Top Industrial Supply	AP	205.51
31173	5/24/2024	Verizon Wireless	AP	322.31
31174	5/31/2024	AFLAC	AP	442.50
31175	5/31/2024	Alexin Analytical Laboratories	AP	325.00
31176	5/31/2024	Cintas Corporation - 463	AP	103.23
31177	5/31/2024	Hasa, Inc	AP	7,681.44
31178	5/31/2024	Moen Machinery	AP	640.62
31179	5/31/2024	Univar USA Inc	AP	4,059.98
Paper Check Disbursement Activity Subtotal			79	559,203.23
Voided Paper Check Disbursement Activity				442.50
Adjusted Paper Check Disbursement Activity Subtotal			79	558,760.73

Total Void Check Count:	1.00
Total Void Check Amount:	442.50
Total Valid Check Count:	113.00
Total Valid Check Amount:	2,110,694.59
Total Check Count:	114.00
Total Check Amount:	2,111,137.09

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Agenda Item 6.1

Subject: Adopt FY2024-25 Budget and Authorize Appropriations

Presenter(s): Gail Stevens, Budget Officer

Board Action: The Board is requested to approve Resolution 2024-3 adopting the approved FY2024-25 Budget and authorizing stated appropriations.

Attachments: Resolution 2024-3 Adopting FY2024-25 Budget and Authorizing Stated Appropriations

Background: Procedurally, the NCCWC follows the state’s budget law, as prescribed under Oregon Revised Statutes (ORS), Chapter 294. This law requires the NCCWC to develop and adopt a budget on an annual (or biennial) basis.

The NCCWC Budget Committee met in March to discuss the FY 2024-25 proposed budget. The Budget Committee unanimously approved the budget as proposed on March 28, 2024. The Board in turn held a Public Hearing to gather input on the approved budget on June 27, 2024. That hearing was properly noticed in the Clackamas Review.

Analysis: The Board can make changes to the approved budget but would have to do so under a separate budget hearing. The Budget Officer is recommending the Board adopt the approved FY2024-25 Budget as presented.

Options: Amend or adopt budget as presented.

Staff Recommendation: Adopt Resolution 2024-3 as requested.

Draft Motion(s): Move to approve Resolution 2024-3 adopting the approved FY2024-25 Budget in the amount of \$11,493,276 and so authorize the stated appropriations for fiscal year beginning July 1, 2024, as presented.

North Clackamas County Water Commission

RESOLUTION 2024-3

A RESOLUTION OF THE NORTH CLACKAMAS COUNTY WATER COMMISSION ADOPTING THE FY 2024-25 BUDGET AND AUTHORIZING APPROPRIATIONS AS STATED

WHEREAS, pursuant to the requirements of ORS Chapter 294, the Board of Directors for the North Clackamas County Water Commission (NCCWC) are required to adopt a budget and make appropriations for the 2024-25 fiscal period; and

WHEREAS, on March 28, 2024, following public notice and meetings thereon, the duly appointed and authorized Budget Committee approved the annual budget proposed for the 2024-25 fiscal period, thereafter held on file at the Commission's office and made available to the public upon request; and

WHEREAS, on June 27, 2024, the Board of Directors held a Budget Hearing following public notice thereon as required by ORS 294.453, resulting in no changes to the approved FY 2024-25 Budget.

THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE NORTH CLACKAMAS COUNTY WATER COMMISSION THAT:

1. The Board of Directors hereby adopts the annual budget as approved by the Budget Committee for FY 2024-25 in the total sum of \$11,493,276, recorded on file at the NCCWC's office as required by ORS 294.556.
2. The amounts for the fiscal year beginning July 1, 2024 for the purposes shown below are hereby appropriated as follows:

GENERAL FUND

Personnel	\$ 734,000	
Materials & Services	3,020,900	
Transfers	1,200,000	
Capital Outlay	-	
Special Payment (PERS)	150,000	
Fund Contingency	<u>470,000</u>	
	Fund Total Appropriation	\$5,574,900
Unappropriated Ending fund balance	\$112,154	

PLANT RESERVE FUND

Capital Outlay	\$995,000	
Fund Contingency	<u>300,000</u>	
	Fund Total Appropriation	\$1,295,000
Unappropriated Fund Reserve Balance	\$4,511,222	

REVENUE BOND DEBT SERVICE RESERVE FUND

Transfers	<u>\$0</u>	
	Fund Total Appropriation	\$0
Bond Reserve for Future Expenditure	\$0	

REVENUE BOND DEBT REDEMPTION FUND

Transfers	<u>\$0</u>	
	Fund Total Appropriation	\$0
Reserve for Future Expenditures	\$0	

2023-2024 TOTAL APPROPRIATIONS, All Funds	\$6,869,900
Total Unappropriated and Reserve Amounts, All Funds	\$4,623,376

Total Adopted Budget \$11,493,276

This resolution and its statements are hereby approved and declared DULY ADOPTED this 27nd day of June 2024.

By _____
Paul Gornick, Chair

By _____
Wade Hathhorn, General Manager

Attest this 27nd day of June 2024



Approved Budget

2024 - 2025



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**Approved Budget
Fiscal Year 2024-2025**

Budget Committee Members

Kevin Bailey
Sunrise Water Authority

James Kerr
Sunrise Water Authority

Chris Hawes
Sunrise Water Authority

Michael Morrow
Sunrise Water Authority

Paul Gornick
Oak Lodge Water Services

Ron Weigel
Oak Lodge Water Services

Kevin Williams
Oak Lodge Water Services

Robert Weber
Oak Lodge Water Services

Luke Roberts
City of Gladstone

Nina Harrington
City of Gladstone

Budget Officer

Gail Stevens, Finance Director
Direct (503) 353-4203

Administrative Office

14496 SE River Road
Milwaukie, OR 97267
Office (503) 654-7765
Fax (503) 653-1973

**North Clackamas County Water Commission
Approved Budget
Fiscal Year 2024-2025**

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**NORTH CLACKAMAS COUNTY WATER COMMISSION
BUDGET CALENDAR
Fiscal Year 2024-2025**

- | | |
|---|---|
| January 25, 2024 | - Appoint Budget Officer
- Approve Budget Schedule |
| March 13, 2024 | - Publish notice of Budget Committee Meeting
(5-30 days prior) |
| March 21, 2024 | - Proposed budget sent to Budget Committee |
| March 28, 2024
5:30 P.M.
Hybrid Meeting | - Appoint Budget Committee
- Budget Committee Meeting |
| April 25, 2024 | - Budget Committee Meeting (if necessary) |
| June 12, 2024 | - Publish Notice and Summary of Budget Adoption hearing |
| June 27, 2024 | - Conduct Public Hearing to Adopt Budget |

ADMINISTRATIVE OFFICE
14496 SE River Road
Milwaukie, OR 97267
Tel. (503) 654-7765
Fax (503) 653-1973



TREATMENT PLANT
14275 S. Clackamas River Dr.
Oregon City, OR 97045
Tel. (503) 723-3505
Fax (503) 723-350

March 28, 2024

North Clackamas County Water Commission Budget Committee Members:

Thank you for taking your time to participate in the budget process for the North Clackamas County Water Commission (NCCWC). We are pleased to present the NCCWC's approved budget for fiscal year 2024-2025 for your consideration and approval.

Overall, the NCCWC is in sound financial condition. Adequate reserves are being accumulated in the Plant Reserve Fund, while operational costs in the General Fund are being carefully managed to limit wholesale water rate increases. In addition, since FY2021-22, the NCCWC remains debt free, while operations at the plant remain highly efficient and effective. The staff is also very proud of its continuous record in meeting all State and Federal regulatory compliance standards.

Looking at the overall numbers, the General Fund budget is projected to be \$5.70 million. This total is comprised of an operating budget of \$3.75 million that includes \$2.35 million for personnel and material & services (i.e. net operating expenditures) along with \$1.40 million in wholesale water purchases from Clackamas River Water (CRW). The projected increase in Operating Expenditures for this next year is 6.9%. This increase is comprised of a 1.2% increase in Personnel Services and an 8.4% increase in Material & Services. Much of the stated increase is owed to increases in electricity, wholesale water, and general insurance. That said, the projected budgetary increases are lower than the published inflation statistics for this past year – this is owed to specific controls put in place to reduce the increase in other expenditures.

The General Fund also includes Other Expenditures totaling \$1.82 million, composed of \$1.2 million in Transfers to the Plant Reserve Fund, a \$150 thousand first-time, non-recurring Special Payment to a PERS set aside account, and \$470 thousand in Contingency (set at 20% of operating expense). This brings the total anticipated expenditures to \$5.57 million, yielding an ending fund balance of just over \$118 thousand.

It should be noted that the Transfers to the Reserve account cited above include \$650 thousand in "reserves" created through anticipated water sales along with \$550 thousand from the General Fund balance. Moreover, the planned funding of the Special Payment to the PERS set aside account serves as an investment to offset rising pension costs and stabilize future overall labor costs.

These expenditures are, in turn, balanced by an estimate in direct water sales of \$3.17 million (from plant production) along with the resale (or pass through) of the wholesale water purchases from CRW of \$1.40 million. These revenues are additionally supported by a beginning fund balance and interest of \$1.12 million.

By design, capital funding is executed in the Plant Reserve Fund. Here, there are planned expenses totaling \$995 thousand, including \$325 thousand for equipment and \$170 thousand for the facility. In addition, there is \$200 thousand for SCADA Master Planning, upgrades, and cybersecurity improvements along with another \$200 thousand for required water rights planning (under an updated Water Management & Conservation Plan). A detailed list of the planned capital projects is outlined in the

appendix of this document. This fund also includes a \$300 thousand Contingency, bringing the planned requirements to \$1.3 million.

Our continued financial performance requires strict adherence to the fiscal policies implemented by the Board of Directors and the staff's continued diligence in operating and maintaining the treatment plant in an effective and efficient manner. Those same fundamentals continue to guide the budgeting process each year. Herein, we again look to present a fiscally responsible budget to the Board of Directors and the citizens of the communities we serve.

As we move ahead, we wanted to thank each of you for taking time out of your busy schedules to assist in the budget process and for your dedication to the North Clackamas County Water Commission.

Respectfully submitted,



Wade Hathhorn
General Manager



Gail Stevens
Finance Director/Budget Officer

**North Clackamas County Water Commission
All Fund Summary
Fiscal Year 2024-2025**

Funds	10 General Fund	13 Plant Reserve	17 Bond Reserve	19 Bond Redemption	Totals
Resources					
Beginning Balance	1,118,054	4,556,222	-	-	\$ 5,674,276
Interest	5,000	50,000	-	-	\$ 55,000
Water Sales	4,564,000	-	-	-	\$ 4,564,000
Miscellaneous	-	-	-	-	\$ -
Transfers	-	1,200,000	-	-	\$ 1,200,000
Total Resources	\$ 5,687,054	\$ 5,806,222	\$ -	\$ -	\$ 11,493,276
Expenditures					
Personnel Services	734,000	-	-	-	\$ 734,000
Material & Services	3,020,900	-	-	-	\$ 3,020,900
Capital Outlay	-	995,000	-	-	\$ 995,000
Debt	-	-	-	-	\$ -
Transfers & Contingency	1,820,000	300,000	-	-	\$ 2,120,000
Unappropriated fund balances	112,154	4,511,222	-	-	\$ 4,623,376
Total Requirements	\$ 5,687,054	\$ 5,806,222	\$ -	\$ -	\$ 11,493,276

**North Clackamas County Water Commission
Proposed Budget FY 2024-2025**

Actual 2021-2022	Actual 2022-2023	Adopted Budget 2023-2024	FYE Projections 2023-2024	Fund - Acct	DESCRIPTION	Proposed Budget 2024-2025	Approved Budget 2024-2025	Adopted Budget 2024-2025
10 GENERAL FUND								
1,080,781	1,585,797	1,368,149	1,760,504	3000	Beginning Fund Balance	1,118,054	1,118,054	
5,087	36,839	5,000	32,000	4010	Interest	5,000	5,000	
2,723,148	3,166,271	3,025,000	3,025,000	4020	Water Sales	3,164,000	3,164,000	
1,079,258	1,114,246	1,149,000	1,149,000	-01	OLWD 1,350,000 (ccf)	1,152,000	1,152,000	
508,722	563,887	550,000	550,000	-02	City Gladstone 690,000 (ccf)	589,000	589,000	
1,122,432	1,470,462	1,313,000	1,313,000	-03	SWA 1,650,000 (ccf)	1,408,000	1,408,000	
12,736	17,676	13,000	13,000	-09	Clackamas River Water	15,000	15,000	
-	1,257,754	1,300,000	1,300,000	4025	Wholesale Water Sales	1,400,000	1,400,000	
42,137	35,531	-	15,000	4060	Miscellaneous	-	-	
-	106,204	-	-	4100	TRANSFERS IN	-	-	
-	102,902	-	-	-17	Revenue Bond Debt Service Reserve	-	-	
-	3,302	-	-	-19	Revenue Bond Redemption Fund	-	-	
\$ 3,851,153	\$ 6,188,396	\$ 5,698,149	\$ 6,132,504		TOTAL RESOURCES	\$ 5,687,054	\$ 5,687,054	\$ -
10 GENERAL FUND (continued)								
10 PERSONNEL SERVICES:								
232,852	328,638	360,000	352,900	5000	Plant Operators	380,000	380,000	
41,867	58,387	50,000	51,100	5005	Overtime/On Call	52,000	52,000	
26,974	11,626	43,000	-	5040	Apprenticeship	-	-	
-	-	-	-	5045	Internship	20,000	20,000	
59,539	102,393	110,000	115,500	5050	Medical, Dental, Vision	127,000	127,000	
46,181	77,536	110,000	98,100	5060	Retirement	105,000	105,000	
25,096	34,124	40,000	34,900	5070	Payroll Taxes	39,000	39,000	
8,478	6,795	12,000	9,100	5080	Workers' Compensation Ins.	11,000	11,000	
\$ 440,987	\$ 619,499	\$ 725,000	\$ 661,600		TOTAL PERSONNEL SERVICES	\$ 734,000	\$ 734,000	\$ -
10 MATERIALS AND SERVICES:								
-	1,280,658	1,300,000	1,300,000	5204	Wholesale Water Purchases	1,400,000	1,400,000	
130,661	129,937	136,000	137,000	5206	Contracted Services	146,000	146,000	
35,554	38,329	42,000	42,000	-10	Management	45,000	45,000	
26,297	27,736	30,000	30,000	-12	Plant Engineer	32,000	32,000	
52,144	48,000	48,000	48,000	-13	Financial	51,000	51,000	
16,666	15,872	16,000	17,000	-16	HVAC Maintenance	18,000	18,000	
4,244	1,906	8,000	8,000	5208	General Office Supplies/Postage	9,000	9,000	
15,651	5,254	17,000	14,500	5210	Permits/Licensing Fees	17,500	17,500	
76,106	74,091	85,000	81,000	5212	Insurance - General	99,000	99,000	
9,300	16,273	15,000	15,000	5215	Computers/Technology	15,000	15,000	
179,924	209,351	257,000	238,250	5230	Professional Services	264,000	264,000	
32,005	47,300	45,000	45,000	-04	Audit	45,000	45,000	
2,378	9,788	25,000	12,500	-06	Legal	25,000	25,000	
3,069	555	25,000	18,750	-08	Engineering / General	25,000	25,000	
142,472	151,708	162,000	162,000	-21	Watershed Services	169,000	169,000	
108,103	166,059	190,000	139,000	5236	Water Treatment	170,000	170,000	
2,435	13,163	15,000	15,000	-10	Water Analysis & Testing	15,000	15,000	
91,411	125,940	150,000	105,000	-11	Chemicals	130,000	130,000	
14,257	26,956	25,000	19,000	-12	Instrumentation & Lab Supplies	25,000	25,000	

**North Clackamas County Water Commission
Proposed Budget FY 2024-2025**

Actual 2021-2022	Actual 2022-2023	Adopted Budget 2023-2024	FYE Projections 2023-2024	Fund - Acct	DESCRIPTION	Proposed Budget 2024-2025	Approved Budget 2024-2025	Adopted Budget 2024-2025
10 GENERAL FUND (continued)								
10 MATERIALS AND SERVICES: (continued)								
7,103	1,750	10,000	7,300	5238	Telemetry (SCADA)	17,500	17,500	
477,724	498,091	550,000	559,000	5240	Electricity	650,000	650,000	
17,972	19,748	24,200	16,200	5244	Education/Training/Dues	29,700	29,700	
9,376	9,563	8,500	10,000	5245	Telephone	10,000	10,000	
-	-	500	500	5246	Travel/Mileage	500	500	
84	53	1,000	1,000	5247	Books and Publications	1,000	1,000	
825	876	1,000	1,000	5248	Public notices	1,000	1,000	
2,765	3,959	3,000	2,800	5250	Other Utilities	3,000	3,000	
1,979	2,140	2,000	1,800	-10	Natural Gas	2,000	2,000	
786	1,819	1,000	1,000	-20	Garbage	1,000	1,000	
3,206	9,086	5,000	5,000	5252	Miscellaneous	5,000	5,000	
-	-	1,200	300	5256	Commissioner Expenses	1,200	1,200	
28,583	27,840	32,500	32,500	5300	Vehicle Equipment Maintenance	32,500	32,500	
4,538	5,532	5,000	5,000	-10	Vehicle Maintenance	5,000	5,000	
7,854	8,785	9,000	9,000	-20	Fuels/Oils	9,000	9,000	
1,657	1,689	3,500	3,500	-30	Equipment Rental	3,500	3,500	
14,533	11,834	15,000	15,000	-40	Equipment Maintenance	15,000	15,000	
64,207	144,198	132,000	124,500	5305	Building & Grounds Maintenance	139,000	139,000	
9,985	18,124	15,000	15,000	-10	Building Maintenance	27,000	27,000	
9,284	11,115	25,000	21,000	-11	Grounds Maintenance	20,000	20,000	
1,644	2,759	2,000	1,000	-13	Janitorial Supply	2,000	2,000	
5,597	-	5,000	2,500	-14	Security Monitoring/Maintenance	5,000	5,000	
27,963	78,849	40,000	40,000	-15	Plant Maintenance	40,000	40,000	
916	403	10,000	10,000	-16	Intake Structure Maintenance	10,000	10,000	
2,023	26,426	20,000	20,000	-17	Membrane Maintenance	20,000	20,000	
6,796	6,522	15,000	15,000	-20	Safety Supplies	15,000	15,000	
8,539	9,700	10,000	10,000	5310	Small Tools & Equipment	10,000	10,000	
\$ 1,144,370	\$ 2,608,393	\$ 2,786,900	\$ 2,702,850		TOTAL MATERIAL & SERVICES	\$ 3,020,900	\$ 3,020,900	\$ -
\$ 1,585,357	\$ 3,227,892	\$ 3,511,900	\$ 3,364,450		TOTAL OPERATING EXPENDITURES	\$ 3,754,900	\$ 3,754,900	\$ -
10 OTHER REQUIREMENTS								
-	-	150,000	150,000	6900	Special Payments	150,000	150,000	
		150,000	150,000	-00	PERS Side Account Contribution	150,000	150,000	
680,000	1,200,000	1,500,000	1,500,000	7300	TRANSFERS OUT	1,200,000	1,200,000	
600,000	1,200,000	1,500,000	1,500,000	-13	Plant Reserve	1,200,000	1,200,000	
80,000	-	-	-	-19	Revenue Bond Debt Redemption	-	-	
-	-	330,000		9000	Fund Contingency	470,000	470,000	
\$ 680,000	\$ 1,200,000	\$ 1,980,000	\$ 1,650,000		TOTAL OTHER EXPENDITURES	\$ 1,820,000	\$ 1,820,000	\$ -
\$ 2,265,357	\$ 4,427,892	\$ 5,491,900	\$ 5,014,450		TOTAL APPROPRIATIONS	\$ 5,574,900	\$ 5,574,900	\$ -
\$ 1,585,797	\$ 1,760,504	\$ 206,249	\$ 1,118,054		UNAPPROPRIATED FUND BALANCE	\$ 112,154	\$ 112,154	\$ -
\$ 3,851,154	\$ 6,188,396	\$ 5,698,149	\$ 6,132,504		TOTAL REQUIREMENTS	\$ 5,687,054	\$ 5,687,054	\$ -

**North Clackamas County Water Commission
Proposed Budget FY 2024-2025**

Actual 2021-2022	Actual 2022-2023	Adopted Budget 2023-2024	FYE Projections 2023-2024	Fund - Acct	DESCRIPTION	Proposed Budget 2024-2025	Approved Budget 2024-2025	Adopted Budget 2024-2025
13 PLANT RESERVE FUND								
4,781,560	5,058,689	4,938,999	5,186,222	3000	Beginning Fund Balance	4,556,222	4,556,222	
26,776	144,175	50,000	50,000	4010	Interest	50,000	50,000	
-	27,940	-		4060	Miscellaneous Income	-	-	
600,000	1,200,000	1,500,000	1,500,000	4100	TRANSFERS IN	1,200,000	1,200,000	
600,000	1,200,000	1,500,000	1,500,000	-10	General Fund	1,200,000	1,200,000	
\$ 5,408,336	\$ 6,430,804	\$ 6,488,999	\$ 6,736,222		TOTAL RESOURCES	\$ 5,806,222	\$ 5,806,222	\$ -
349,647	1,244,582	3,340,000	2,180,000	7000	CAPITAL OUTLAY	995,000	995,000	
-	-	230,000	15,000	-10	Computers/SCADA/Technology	200,000	200,000	
277,205	184,973	260,000	150,000	-20	Equipment	325,000	325,000	
-	916,040	2,400,000	1,700,000	-30	Sand	-	-	
-	-	-	-	-40	Membranes	100,000	100,000	
50,177	37,870	250,000	115,000	-50	Buildings	170,000	170,000	
22,265	105,699	200,000	200,000	-60	Other	200,000	200,000	
-	-	700,000	-	9000	Fund Contingency	300,000	300,000	
349,647	1,244,582	4,040,000	2,180,000		TOTAL CAPITAL OUTLAY & OTHER EXP.	1,295,000	1,295,000	-
349,647	1,244,582	4,040,000	2,180,000		TOTAL APPROPRIATIONS	1,295,000	1,295,000	-
\$ 5,058,689	\$ 5,186,222	\$ 2,448,999	\$ 4,556,222		PLANT RESERVE BALANCE	\$ 4,511,222	\$ 4,511,222	\$ -
\$ 5,408,336	\$ 6,430,804	\$ 6,488,999	\$ 6,736,222		TOTAL REQUIREMENTS	\$ 5,806,222	\$ 5,806,222	\$ -

**North Clackamas County Water Commission
Proposed Budget FY 2024-2025**

Actual 2021-2022	Actual 2022-2023	Adopted Budget 2023-2024	FYE Projections 2023-2024	Fund - Acct	DESCRIPTION	Proposed Budget 2024-2025	Approved Budget 2024-2025	Adopted Budget 2024-2025
17 REVENUE BOND DEBT SERVICE RESERVE								
102,321	102,902	-	-	3000	Beginning Fund Balance	-	-	
581	-	-	-	4010	Interest	-	-	
-	-	-	-	4100	TRANSFERS IN	-	-	
-	-	-	-	-10	General Fund	-	-	
\$ 102,902	\$ 102,902	\$ -	\$ -		TOTAL RESOURCES	\$ -	\$ -	\$ -
-	102,902	-	-	4100	TRANSFERS OUT	-	-	-
-	102,902	-	-	-10	General Fund	-	-	
-	-	-	-	9000	Fund Contingency	-	-	
\$ -	\$ 102,902	\$ -	\$ -		TOTAL APPROPRIATIONS	\$ -	\$ -	\$ -
\$ 102,902	\$ -	\$ -	\$ -		BOND RESERVE BALANCE	\$ -	\$ -	\$ -
\$ 102,902	\$ 102,902	\$ -	\$ -		TOTAL REQUIREMENTS	\$ -	\$ -	\$ -

**North Clackamas County Water Commission
Proposed Budget FY 2024-2025**

Actual 2021-2022	Actual 2022-2023	Adopted Budget 2023-2024	FYE Projections 2023-2024	Fund - Acct	DESCRIPTION	Proposed Budget 2024-2025	Approved Budget 2024-2025	Adopted Budget 2024-2025
19 REVENUE BOND REDEMPTION FUND								
314	3,302	-	-	3000	Beginning Fund Balance	-	-	
13		-	-	4010	Interest	-	-	
80,000	-	-	-	4100	TRANSFERS IN	-	-	-
80,000		-		-10	General Fund	-	-	
\$ 80,327	\$ 3,302	\$ -	\$ -		TOTAL RESOURCES	\$ -	\$ -	\$ -
\$ 77,025	\$ -	\$ -	\$ -	5390	DEBT SERVICE	\$ -	\$ -	\$ -
75,000	-	-	-	-20	Principal Payment	-	-	
2,025	-	-	-	-25	Interest Payment	-	-	
-	-	-	-	-50	Fiscal Agent Fees, Misc.	-	-	
					TOTAL DEBT SERVICE			
-	3,302	-	-	7300	TRANSFERS OUT	-	-	-
-	3,302	-	-	-10	General Fund	-	-	
-	-	-	-	9000	Fund Contingency	-	-	
\$ 77,025	\$ 3,302	\$ -	\$ -		TOTAL APPROPRIATIONS	\$ -	\$ -	\$ -
\$ 3,302	\$ -	\$ -	\$ -		REDEMPTION FUND BALANCE	\$ -	\$ -	\$ -
\$ 80,327	\$ 3,302	\$ -	\$ -		TOTAL REQUIREMENTS	\$ -	\$ -	\$ -

Descriptions - Materials & Services

Account #	Description	Budget
5204	Wholesale Water Purchase	1,400,000
	Cost of purchasing water from other sources in the event that current production cannot meet demands.	
5206	Contracted Services	146,000
	Charges for services contracted for operations and management necessary for water production.	
5208	General Office Expense	9,000
	Supplies, postage, forms, stationery, office reproductions supplies, and other miscellaneous office supplies. Does not include subscriptions, books, and publications.	
5210	Permits/Licensing Fees	17,500
	Cost of permits and licensing fees necessary or required for the production of drinking water. Includes fees paid to DEQ, OHA, and other regulatory entities.	
5212	Insurance	99,000
	Cost of insurance premiums to include but not limited to property, liability, and auto coverage.	
5215	Computers/Technology	15,000
	Costs associated with computer technology including hardware, software, licensing, associated peripherals and accessories.	
5230	Professional Services	264,000
	Covers legal counsel, auditing service, consulting engineering services, source water protection and conservation program.	
5236	Water Treatment	170,000
	Cost of water quality sample analysis including cost of chemicals, lab supplies, instrumentation supplies and equipment necessary for the testing process with a replacement value of less that \$5,000.	
5238	Telemetry	17,500
	Cost of collection and transmission of measurements and other data for monitoring. Includes costs of Supervisory and Data Acquisition (SCADA) system.	
5240	Electricity	650,000
	Electric utility costs associated with production operations and facilities.	
5244	Education/Travel/Training/Dues	29,700
	Costs associated with employee continuing education and training to maintain certification requirements. Includes related travel expenditures and membership in related professional organizations.	

Descriptions - Materials & Services

Account #	Description	Budget
5245	Telephone	10,000
	Cost associated with telephony, including phone, fax, and mobile devices.	
5246	Mileage	500
	Reimbursement for the cost of private mileage incurred by an employee when traveling for business purposes.	
5247	Books and Publications	1,000
	Cost of reference material used in the normal course of business, such as books, magazines, periodicals, leaflets, pamphlets, etc.	
5248	Public Notices	1,000
	Cost of published required public notifications in accordance with public law.	
5250	Other Utilities	3,000
	Cost of fuels and utilities for facilities, such as heat, gas, light, power, water, sewer, garbage, and steam. Excludes cost of electricity used for water production.	
5252	Miscellaneous	5,000
	Cost of incidental expenses arising during the year not classified in other accounts.	
5256	Commissioner Expense	1,200
	Reimburse of costs to Board Members for associated meeting costs.	
5300	Vehicle and Equipment Maintenance	32,500
	Costs of maintaining vehicle and equipment including fuel, repairs, tires, oil and other cost to maintain in good working condition.	
5305	Building and Grounds	139,000
	Cost of maintaining buildings and grounds, including landscaping services, janitorial, wiring, plumbing, carpentry, painting, etc.	
5310	Small Tools & Equipment	10,000
	Cost of small tools and equipment with a replacement value of less than \$5,000 per item necessary for the performance of work.	
	Total	3,020,900

North Clackamas County Water Commission
2024-2025 Budget - Line Item Detail
Staff Travel, Training, and Dues
5244 / 5246

# Attending	Sponsor	Dates	Registration Fees	Transport Costs	Lodging Expense	Meal Expense	Total Cost
2	AWWA Annual Conference	June	\$ 2,000	\$ 3,000	\$ 5,000	\$ 300	\$ 10,300
1	AWWA Water Quality Conf.	Nov	\$ 1,000	\$ 1,500	\$ 2,500	\$ 150	\$ 5,150
1	Water Works School	June	\$ 700	\$ -	\$ -	\$ 50	\$ 750
	Miscellaneous Seminars		\$ 4,000	\$ -	\$ -	\$ 400	\$ 4,400
2	NWMOA	Misc.	\$ 800	\$ 1,500	\$ 1,000	\$ 300	\$ 3,600
1	CCC WET Student Scholarship	Spring					\$ 5,500
	Mileage			\$ 500			\$ 500
						Total	\$ 30,200

**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay**

Fund 13 Capital Outlay Account Number Listing

	Proposed Budget
7000 CAPITAL OUTLAY	995,000
-10 Computers/SCADA/Technology	200,000
-20 Equipment	325,000
-30 Sand	-
-40 Membranes	100,000
-50 Buildings	170,000
-60 Other	200,000

Capital Project Summary Overview			
Account #	Account Description	Project Name	Budget
-10	Computers/SCADA/Technology	SCADA System Upgrade & Cybersecurity Improvements	100,000
-10	Computers/SCADA/Technology	SCADA Master Plan	100,000
-20	Equipment	Forklift Replacement	30,000
-20	Equipment	Variable Frequency Drive (VFD) Finished Water Pump 4 Replacement	35,000
-20	Equipment	Tractor Dump Trailer Replacement	20,000
-20	Equipment	Finished Water Pump 1 Motor Replacement	50,000
-20	Equipment	Membrane Filtration Pumps 2 & 3 - Motor & VFD Replacements	90,000
-20	Equipment	Raw Water Pump Motor & Implement Rebuild	100,000
-30	Sand		-
-40	Membranes	Membrane Replacement Study	100,000
-50	Buildings	Garage Doors Replacement	20,000
-50	Buildings	Chemical Containment Area Upgrade	15,000
-50	Buildings	Flooring Replacement in Membrane Facility	15,000
-50	Buildings	Asphalt Sealant	20,000
-50	Buildings	Cameras and Security System Replacement	100,000
-60	Other	Restore Cathodic Protection Equipment on Emergency Pipeline	100,000
-60	Other	Water Management and Conservation Plan	100,000
Subtotal			995,000

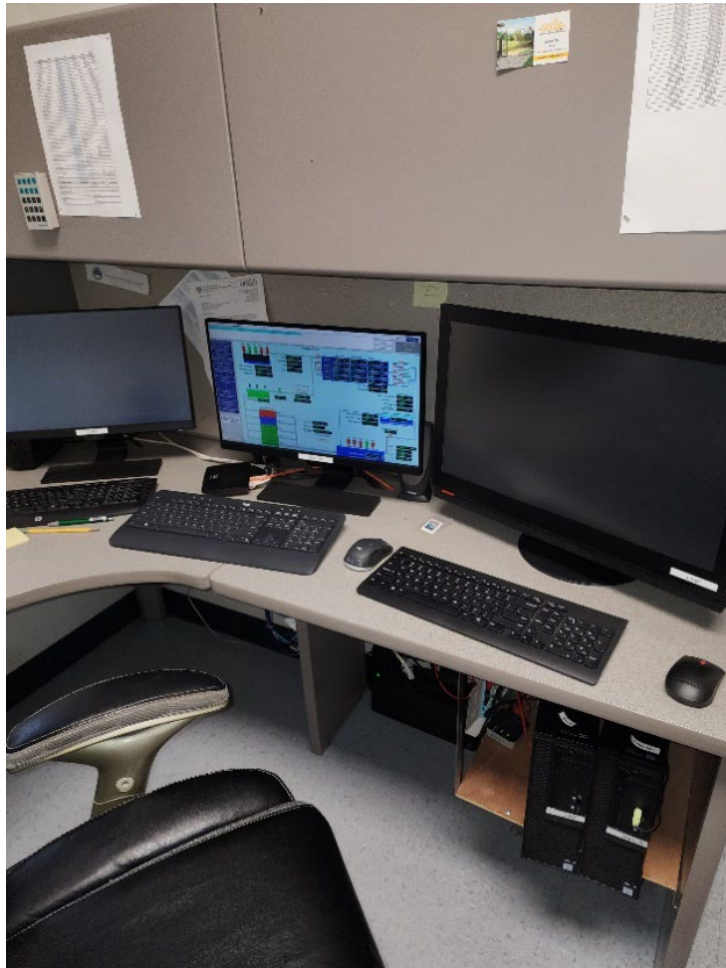
**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: SCADA System Upgrade and Cybersecurity Improvements

Cost: \$ 100,000

GL Code: 13.7000.10

Justification: Improvements are needed to upgrade the remote control/access system for plant operations and replace the on-site computer system, including making related cybersecurity enhancements. The upgraded system would include new computers, updated SCADA software and new redundant remote communication systems. This capital project is carried forward for fiscal year 2023-2024.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: SCADA Master Plan

Cost: \$ 100,000

GL Code: 13.7000.10

Justification: SCADA Systems Master Plans are the best practices to ensure SCADA systems are secure and current. SCADA systems are built on software and hardware that must be updated with software version changes, and technology to ensure cybersecurity.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Forklift Replacement

Cost: \$ 30,000

GL Code: 13.7000.20

Justification: A replacement of the existing forklift is requested for both useful life and safety. NCCWC's current forklift is 20 years old and can only safely be used inside. Staff is requesting a replacement forklift for indoor and outdoor use.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Replace Variable Frequency Drive (VFD) for Finished Water Pump #4

Cost: \$ 35,000

GL Code: 13.7000.20

Justification: The variable frequency drive for finished water pump #4 is up for replacement due to useful life.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Tractor Dump Trailer Replacement

Cost: \$ 20,000

GL Code: 13.7000.20

Justification: Existing dump trailer has completed its useful life. The trailer requires excessive repair and maintenance due to age and condition.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Finished Water Pump 1 Motor Replacement

Cost: \$ 50,000

GL Code: 13.7000.20

Justification: The finished water pump 1 motor requires a full replacement. This finished water pump has the highest hours of runtime. This motor has been rebuilt numerous times without achieving full working capacity and efficiency.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Membrane Filtrate Pumps (2) Motor and VFD Replacements

Cost: \$ 90,000

GL Code: 13.7000.20

Justification: Membrane filtrate pumps are from the original build in 2005. The Water Treatment Master Plan identified two of the five filtrate pump motors and variable frequency drives (VFD) to be replaced this year.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Raw Water Pump Motor and Impeller Rebuild

Cost: \$ 100,000

GL Code: 13.7000.20

Justification: Over the past several years, one raw water pump and one finished water pump at a has been either rebuilt or replaced, based on the current condition. With five of each to cycle through, this keeps the rebuild or replacement cycle going.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Membrane Replacement Study

Cost: \$ 100,000

GL Code: 13.7000.40

Justification: In anticipation of replacement of all current membrane filters planned for 2027, a review of sourcing, technology, capacity, and current design needs to be studied to ensure this project is a success to set-up the plant for the future decade.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Garage Door Replacement

Cost: \$ 20,000

GL Code: 13.7000.50

Justification: The two original garage doors in the equipment storage area, installed during the build out of the membrane portion of the facility in 2005, have reached their useful life of 20 years. Current conditions require replacement of both doors due to wear and tear.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Upgrade Chemical Containment Area

Cost: \$ 15,000

GL Code: 13.7000.50

Justification: The chemical containment area, within the membrane facility built in 2005, needs upgrades. The original containment skids, with 20 years of exposure to the chemicals, have reached their useful life. Additionally, the original concrete installation under the existing containment area did not include chemical resistant coating. As a result, the chemicals are directly impacting the concrete. Staff are requesting an upgrade for the chemical containment area with new skids and a chemical resistant coating on the exposed concrete under the skids.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Flooring Replacement for Membrane Facility

Cost: \$ 15,000

GL Code: 13.7000.50

Justification: This request is for replacement of the remaining original flooring in the membrane treatment facility. This area includes all offices, bathrooms, and the hallway. The original flooring was installed in 2005 and has reached its useful life.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Asphalt Sealant Placement

Cost: \$ 20,000

GL Code: 13.7000.50

Justification: The plant asphalt is wearing down. To prevent further degradation and more costly replacement, an asphalt sealant is required to extend the lifetime of the existing asphalt.



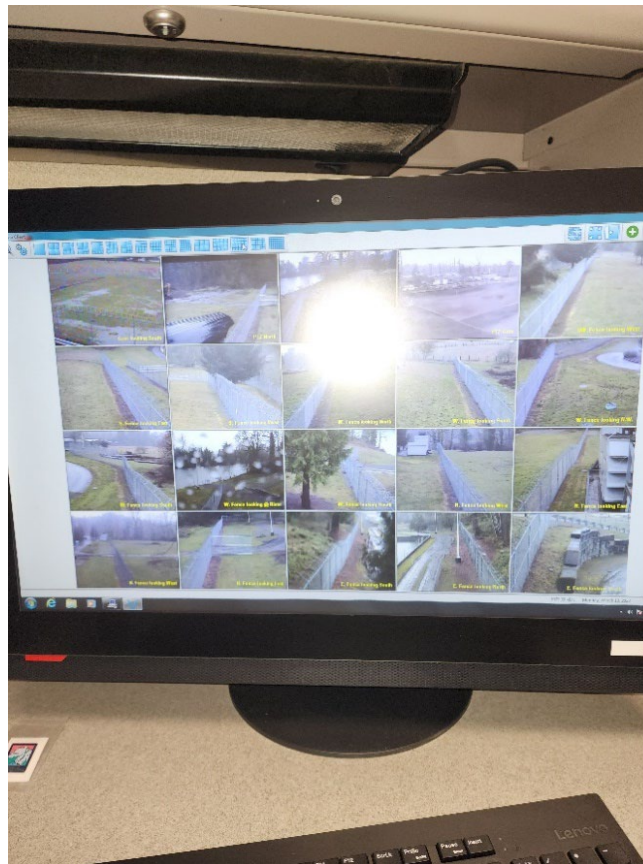
**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Property Security System and Camera Replacement

Cost: \$ 100,000

GL Code: 13.7000.50

Justification: The existing cameras and key components of the security system were installed in 2005 and intermittently fail. This requested expenditure would modernize the system and upgrade its functionality, including new cameras and other key security elements. The new camera system would operate and maintain data in online cloud service formats. This project is carried forward from fiscal year 2023-2024.



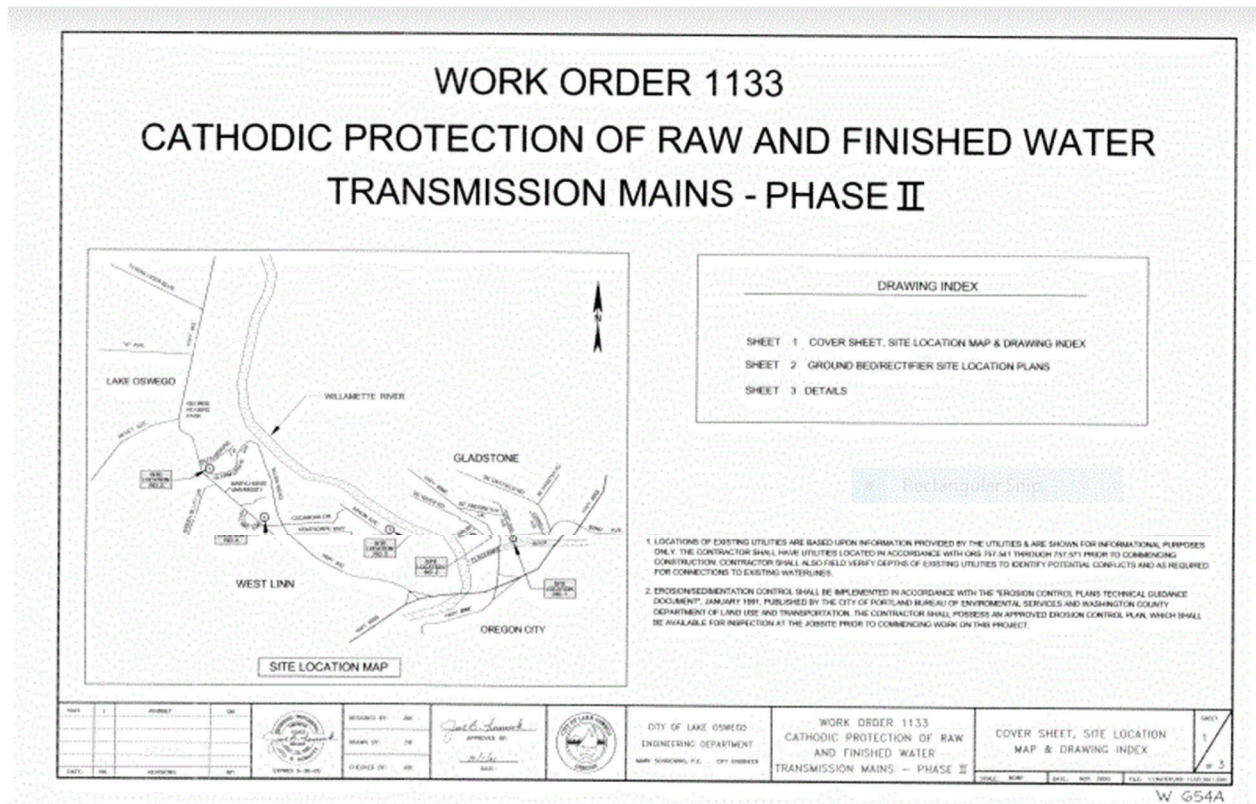
**North Clackamas County Water Commission
2023-2024 Budget
Capital Outlay Justification**

Item: Restore Cathodic Protection Equipment on Emergency Pipeline

Cost: \$ 100,000

GL Code: 13.7000.60

Justification: In 2017, NCCWC acquired the old raw water pipeline serving the Lake Oswego treatment plant from their intake on the Clackamas River. The pipeline is being repurposed to serve as an important non-potable delivery option across the Willamette River during an emergency (up to 6-8 MGD). Prior to its abandonment, the pipeline was protected by an active cathodic (corrosion) protection system. This project includes an investigation into the restoration of that system, along with related design and implementation. The design work was initiated in FY 2020-21 and continues through FY 2023-24. The work effort now turns to replacing the cathodic protection equipment, as designed.



**North Clackamas County Water Commission
2024-2025 Budget
Capital Outlay Justification**

Item: Water Management & Conservation Plan Update

Cost: \$ 100,000

GL Code: 13.7000.60

Justification: The water right(s) for the NCCWC are subject to the state's permit extension rules, requiring the preparation of a Water Management & Conservation Plan (as prescribed under OAR 690-086). While the rule requires these plans to be updated every 10 years, the NCCWC's permit has been the subject of a 17-year long legal dispute involving the state and other interested parties. With the resolution of that dispute now reasonably expected, a new WMCP must be prepared and approved by the State of Oregon. This project is carried forward from fiscal year 2023-2024.



End of Document

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Agenda Item 6.2

Subject: Approve Resolution 2024-4 Adopting Wholesale Water Rate for FY 2024-25

Presenter(s): Gail Stevens, Finance Director

Board Action: The Board is requested to adopt Resolution 2024-4 setting the wholesale water rate for FY 2024-25

Attachments: Resolution 2024-4 Setting the Wholesale Water Rate for FY 2024-25

Background: Following the adoption of the FY 2024-25 budget, staff calculates the new wholesale rate based on the budgeted requirements for the General Fund and estimated annual demand. The associated rate is common to each Member Agency throughout the year. At year's end, a "true-up" is applied to correct for differences in actual costs and demand.

In 2017, the Board establish a uniform unit pricing structure for wholesale water based on the total operating requirements plus funding of the plant reserve (i.e. total costs) and total demand.

Analysis: The calculation for the wholesale rate is as follows:

Total Operating Expenditures	\$ 3,754,900
Less Wholesale Water Purchases	(1,400,000)
Plant Reserve Funding	1,200,000
Special Payments (PERS)	150,000
Less Beginning Fund Balance	(550,000)
Adjusted Requirements	<u>\$ 3,154,900</u>

Estimated Demand (Units as 100 cubic feet):

Oak Lodge Water Services	1,350,000	ccf
City of Gladstone	690,000	ccf
Sunrise Water Authority	1,650,000	ccf
Total Estimated Demand	<u>3,690,000</u>	ccf
Estimated Unit Cost	\$0.8550 / ccf	

This represents a 4.18% change in price from last year (\$0.0343 per ccf).

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Options: None

Draft Motion: Move to adopt Resolution 2024-4 setting the wholesale rate for FY 2024-25.

NORTH CLACKAMAS COUNTY WATER COMMISSION

Resolution No. 2024-4

**A RESOLUTION SETTING WHOLESALE WATER RATE
FOR FISCAL YEAR 2024-2025**

WHEREAS, the Board approved the rate setting methodology by motion on September 28, 2017; and

WHEREAS, the cost of service methodology approved by the Board was used to develop the rates for the current year; and

WHEREAS, the rates are to be adopted by the Board of Commissioners;

NOW, THEREFORE BE IT RESOLVED, BY THE NORTH CLACKAMAS COUNTY WATER COMMISSION BOARD OF DIRECTORS THAT:

Effective for the period of July 1, 2024 through June 30, 2025, the new wholesale water rate charged to member agencies is:

\$0.8550 per 100 cubic feet (CCF)

Approved by the Board of Director's on this 27th day of June 2024.

By _____
Paul Gornick, Chair

By _____
Wade Hathhorn, General Manager

Attest this 27th day of June 2024.

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Agenda Item 7.1

Subject: Year to Date Production and Financial Statements

Presenter(s): Gail Stevens, Finance Director

Board Action: None Required

Attachments: .1 Monthly Water Production and Cost Summary February 2024
 .2 Monthly Water Production and Cost Summary March 2024
 .3 Monthly Water Production and Cost Summary April 2024
 .4 YTD Water Production and Cost Summary thru April 2024
 .5 YTD Water Sales FY 2022-23 and Comparison to FY 2023-24
 .6 Budget to Actuals Report FY 2023-24 YTD Period 08 February 2024
 .7 Budget to Actuals Report FY 2023-24 YTD Period 09 March 2024
 .8 Budget to Actuals Report FY 2023-24 YTD Period 10 April 2024

Background: A summary of financial reports is presented for review.

FY 2023-24: Report is through the end of April (Period 10). April represents 83.3% of the budget year.

Analysis: FY 2023-24: As of April 2024, Water Sales are 84.9% of budget. Wholesale Water sales are 86.1% of budget.

Water Sales	Budget	Budget to Date	Actuals	Variance
OLWS	\$ 1,149,000	\$ 957,500	\$ 919,289	\$ (38,211)
Gladstone	550,000	458,333	492,909	34,576
SWA	1,313,000	1,094,167	1,146,351	52,184
	<u>\$ 3,012,000</u>	<u>\$ 2,510,000</u>	<u>\$ 2,558,549</u>	<u>\$ 48,549</u>
	84.9%			

Wholesale Water Sales	Budget	Budget to Date	Actuals	Variance
From CRW	1,300,000	1,083,333	1,119,478	\$ 36,145
	86.1%			

Expenditures are 59.7% of budget.

Expenditures	Budget	Budget to Date	Actuals	Variance
Personnel Services	\$ 725,000	\$ 604,167	\$ 542,087	\$ (62,080)
Materials & Services	2,786,900	2,322,417	2,172,618	(149,799)
Capital Outlay	3,340,000	2,783,333	1,372,664	(1,410,669)
	<u>\$ 6,851,900</u>	<u>\$ 5,709,917</u>	<u>\$ 4,087,369</u>	<u>\$ (1,622,548)</u>
	59.7%			

Options: None

Staff Recommendation: Review financial statements as presented.

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Draft Motion: None required. Chair should acknowledge receipt of the production and financial reports for the periods of February, March, and April 2024 as presented.

NCCWC Monthly Water Production and Cost Summary -

February 2024

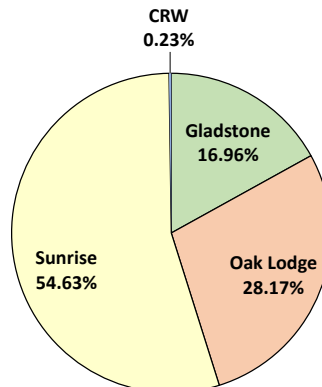
	<u>Combined</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Average Daily Production (MG)	8.01	5.67	0.01	2.33

	<u>TOTAL</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Water Production/Purchases (MG)	232.27	164.36	0.30	67.61
Water Production/Purchases (ccf) (divide MG by 0.000748)	310,515	219,732	401	90,382

NCCWC Expenditures (\$):		<u>SSF/Membrane</u>	<u>SFWB</u>	<u>CRW</u>
Operations:				
Personnel Services	\$ 52,506	\$ 52,506	\$ -	\$ -
Electricity	\$ 37,734	\$ 37,734	\$ -	\$ -
Water Treatment	\$ 7,594	\$ 7,594	\$ -	\$ -
Other - Material & Services	\$ 11,219	\$ 11,219	\$ -	\$ -
Capital Outlay	\$ - (In Transfers)	\$ -	\$ -	\$ -
Special Payments-PERS	\$ - (Excluded - From Beg. Balance)	\$ -	\$ -	\$ -
Transfer	\$ 125,000 (Excludes Debt Service Transfer)	\$ 125,000	\$ -	\$ -
Administration:				
Contracted Services	\$ 9,766	\$ 9,766	\$ -	\$ -
Professional Services	\$ 7,020	\$ 7,020	\$ -	\$ -
Wholesale Purchases	\$ 97,037	\$ -	\$ -	\$ 97,037
Total Requirements w/out Debt	\$ 347,875	\$ 250,838	\$ -	\$ 97,037
Cost w/out Debt: \$/(ccf):	\$ 1.1203	\$ 1.1416	\$ -	\$ 1.0736

<u>VOLUME PURCHASED:</u>		<u>Gladstone</u>	<u>Oak Lodge</u>	<u>Sunrise</u>	<u>CRW</u>
Water Sales (MG)	227.31	38.56	64.03	124.19	0.53
Water Sales (ccf)	303,897	51,553	85,608	166,030	706
% Water Sales per Entity (ccf)	100%	16.96%	28.17%	54.63%	0.23%
GLAD Rate	\$ 0.82070	\$42,310			
OLWD Rate	\$ 0.82070		\$70,258		
SWA Rate	\$ 0.82070			\$260,450	
CRW Water Rate 1	\$ 1.07350			\$137,424	\$758
Monthly Weighted Avg Cost	\$ 1.22994				
Monthly Gain/(Loss) w/out Debt	\$ 0.10963				

Monthly Sales By Customer



NCCWC Monthly Water Production and Cost Summary -

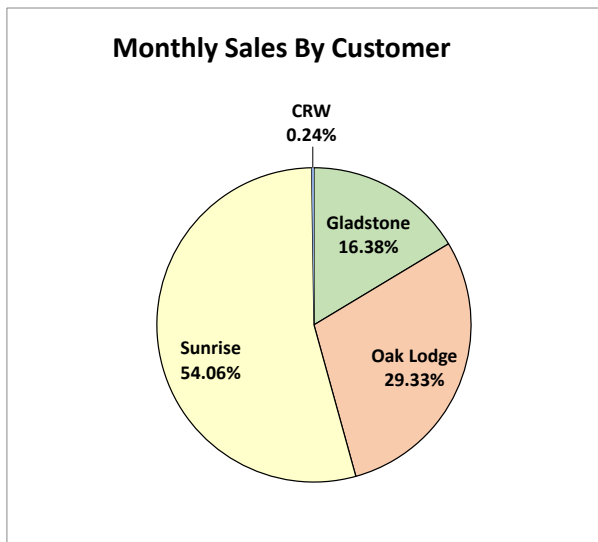
March 2024

	<u>Combined</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Average Daily Production (MG)	8.04	4.80	0.78	2.46

	<u>TOTAL</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Water Production/Purchases (MG)	249.36	148.85	24.20	76.31
Water Production/Purchases (ccf) (divide MG by 0.000748)	333,372	198,998	32,349	102,025

NCCWC Expenditures (\$):		<u>SSF/Membrane</u>	<u>SFWB</u>	<u>CRW</u>
Operations:				
Personnel Services	\$ 53,762	\$ 53,762	\$ -	\$ -
Electricity	\$ 36,971	\$ 36,971	\$ -	\$ -
Water Treatment	\$ 17,423	\$ 17,423	\$ -	\$ -
Other - Material & Services	\$ 23,281	\$ 23,281	\$ -	\$ -
Capital Outlay	\$ - (In Transfers)	\$ -	\$ -	\$ -
Special Payments-PERS	\$ - (Excluded - From Beg. Balance)	\$ -	\$ -	\$ -
Transfer	\$ 125,000 (Excludes Debt Service Transfer)	\$ 125,000	\$ -	\$ -
Administration:				
Contracted Services	\$ 9,766	\$ 9,766	\$ -	\$ -
Professional Services	\$ 5,803	\$ 5,803	\$ -	\$ -
Wholesale Purchases	\$ 109,535	\$ -	\$ -	\$ 109,535
Total Requirements w/out Debt	\$ 381,542	\$ 272,006	\$ -	\$ 109,535
Cost w/out Debt: \$(ccf):	\$ 1.1445	\$ 1.3669	\$ -	\$ 1.0736

<u>VOLUME PURCHASED:</u>		<u>Gladstone</u>	<u>Oak Lodge</u>	<u>Sunrise</u>	<u>CRW</u>
Water Sales (MG)	208.85	34.20	61.25	112.90	0.50
Water Sales (ccf)	279,211	45,722	81,880	150,938	671
% Water Sales per Entity (ccf)	100%	16.38%	29.33%	54.06%	0.24%
GLAD Rate	\$ 0.82070	\$37,524			
OLWD Rate	\$ 0.82070		\$67,199		
SWA Rate	\$ 0.82070			\$260,450	
CRW Water Rate 1	\$ 1.07350			\$137,424	\$720
SFWB Rate	\$ 1.17930				
Monthly Weighted Avg Cost	\$ 1.31045				
Monthly Gain/(Loss) w/out Debt	\$ 0.16596				



NCCWC Monthly Water Production and Cost Summary -

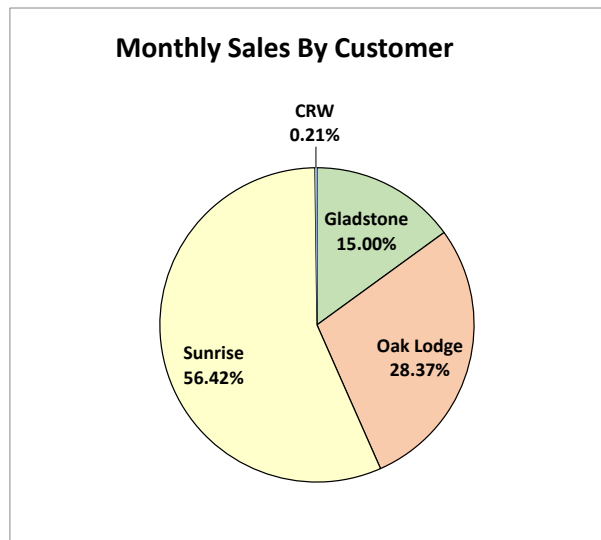
April 2024

	<u>Combined</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Average Daily Production (MG)	15.56	7.61	5.26	2.69

	<u>TOTAL</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Water Production/Purchases (MG)	466.66	228.38	157.70	80.58
Water Production/Purchases (ccf) (divide MG by 0.000748)	623,875	305,321	210,829	107,725

NCCWC Expenditures (\$):		<u>SSF/Membrane</u>	<u>SFWB</u>	<u>CRW</u>
Operations:				
Personnel Services	\$ 53,428	\$ 53,428	\$ -	\$ -
Electricity	\$ 55,479	\$ 55,479	\$ -	\$ -
Water Treatment	\$ 3,785	\$ 3,785	\$ -	\$ -
Other - Material & Services	\$ 14,853	\$ 14,853	\$ -	\$ -
Capital Outlay	\$ - (In Transfers)	\$ -	\$ -	\$ -
Special Payments-PERS	\$ - (Excluded - From Beg. Balance)	\$ -	\$ -	\$ -
Transfer	\$ 125,000 (Excludes Debt Service Transfer)	\$ 125,000	\$ -	\$ -
Administration:				
Contracted Services	\$ 15,262	\$ 15,262	\$ -	\$ -
Professional Services	\$ 40,566	\$ 40,566	\$ -	\$ -
Wholesale Purchases	\$ 115,654	\$ -	\$ -	\$ 115,654
Total Requirements w/out Debt	\$ 424,026	\$ 308,372	\$ -	\$ 115,654
Cost w/out Debt: \$(ccf):	\$ 0.6797	\$ 1.0100	\$ -	\$ 1.0736

<u>VOLUME PURCHASED:</u>		<u>Gladstone</u>	<u>Oak Lodge</u>	<u>Sunrise</u>	<u>CRW</u>
Water Sales (MG)	239.55	35.93	67.96	135.16	0.50
Water Sales (ccf)	320,256	48,035	90,855	180,695	671
% Water Sales per Entity (ccf)	100%	15.00%	28.37%	56.42%	0.21%
GLAD Rate	\$ 0.82070	\$39,422			
OLWD Rate	\$ 0.82070		\$74,565		
SWA Rate	\$ 0.82070			\$260,450	
CRW Water Rate 1	\$ 1.07350			\$137,424	\$720
SFWB Rate	\$ 1.17930				
Monthly Weighted Avg Cost	\$ 1.17143				
Monthly Gain/(Loss) w/out Debt	\$ 0.49176				



NCCWC

Water Production and Cost Summary - Year to Date

July 2023 - April 2024

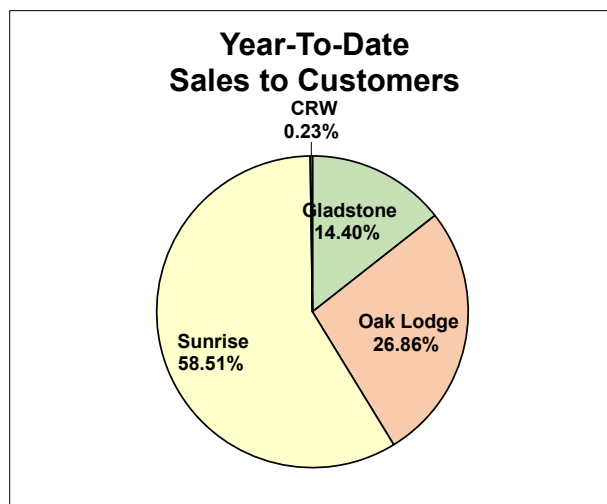
	<u>Combined</u>	<u>Production SSF/Membrane</u>	<u>Production SFWB</u>	<u>Wholesale CRW</u>
Average Daily Production (MG)	11.17	8.01	0.60	26.02

	<u>TOTAL</u>	<u>NCCWC Plant</u>	<u>SFWB</u>	<u>Wholesale CRW</u>
Water Production/Purchases (MG)	3,406.73	2,443.86	182.20	780.67
Water Production/Purchases (ccf) (divide MG by 0.000748)	4,554,455	3,267,196	243,585	1,043,674

<u>NCCWC Expenditures (\$):</u>		<u>NCCWC Plant</u>	<u>SFWB</u>	<u>CRW</u>
Operations				
Personnel Services	\$ 542,087	\$ 542,087	\$ -	\$ -
Electricity	\$ 448,553	\$ 448,553	\$ -	\$ -
Water Treatment	\$ 105,732	\$ 105,732	\$ -	\$ -
Other -Material & Services	\$ 193,441	\$ 193,441	\$ -	\$ -
Capital Outlay	\$ - (In Transfers)	\$ -	\$ -	\$ -
Special Payments-PERS	\$ - (Excluded - From Beg. Balance)	\$ -	\$ -	\$ -
Transfer	\$ 1,250,000 (Excludes Debt Service Transfer)	\$ 1,250,000	\$ -	\$ -
Administration				
Contracted Services	\$ 122,215	\$ 122,215	\$ -	\$ -
Professional Services	\$ 206,103	\$ 206,103	\$ -	\$ -
Wholesale Purchases	\$ 1,096,574	\$ -	\$ -	\$ 1,096,574
Total Requirements w/out Debt	\$ 3,964,705	\$ 2,868,132	\$ -	\$ 1,096,574

Cost: w/o Debt \$/(ccf):	\$ 0.8705	\$ 0.8779	\$ -	\$ 1.0507
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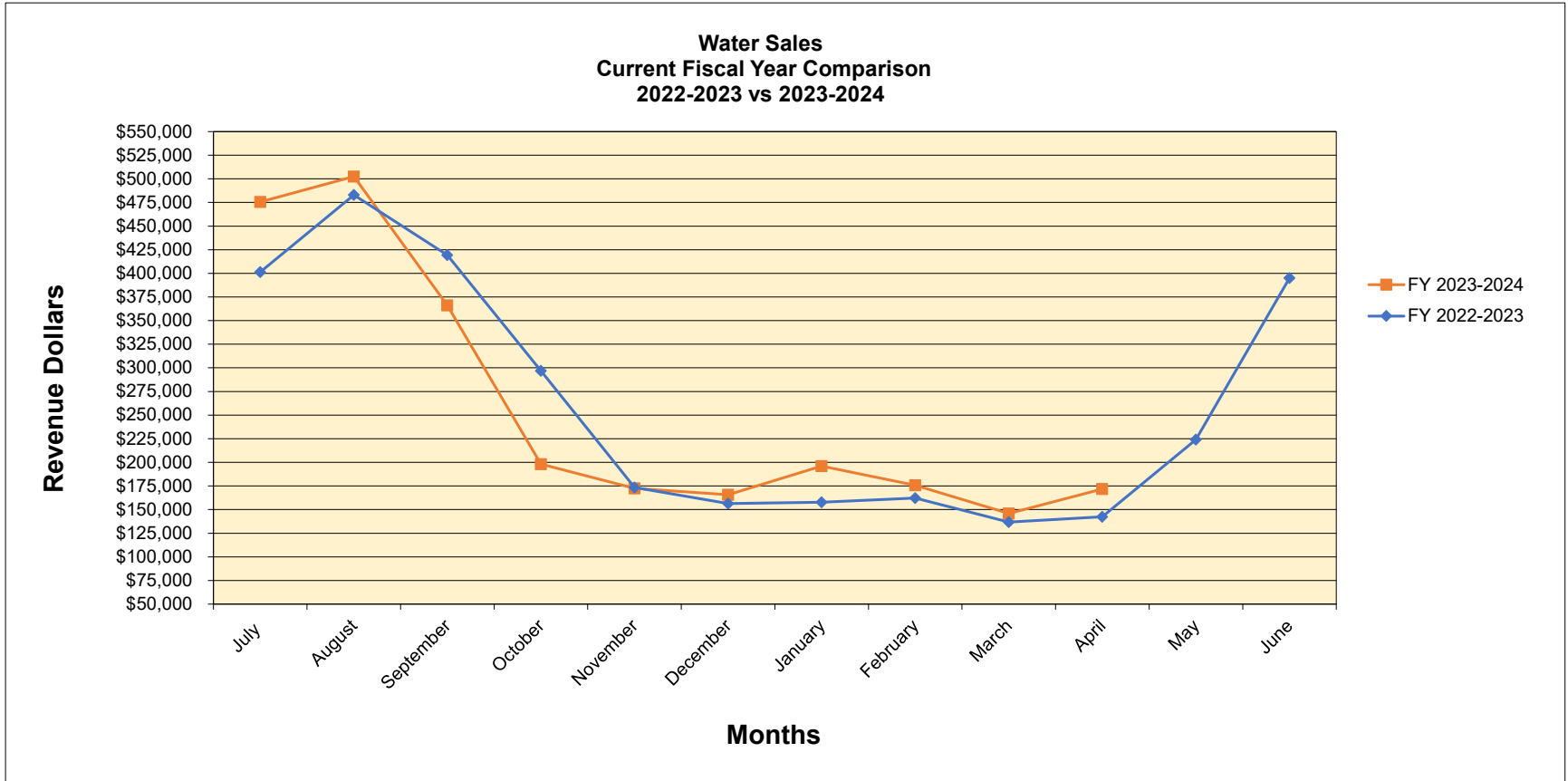
<u>VOLUME PURCHASED:</u>		<u>Gladstone</u>	<u>Oak Lodge</u>	<u>Sunrise</u>	<u>CRW</u>
Water Sales (MG)	3,122.09	449.57	838.57	1,826.74	7.21
Total Water Sales (ccf)	4,173,923	601,034	1,121,083	2,442,167	9,639
% Water Sales per Entity (ccf)	100%	14.40%	26.86%	58.51%	0.23%
Gladstone Rate	\$ 0.82070	\$ 493,269			
OLWD Rate	\$ 0.82070		\$ 920,073		
SWA Rate	\$ 0.82070			\$ 1,143,351	
CRW Water Rate 1	\$ 1.07350			\$ 1,119,478	\$ 10,347
YTD Weighted Avg Cost	\$ 0.61502				
YTD Gain/(Loss) w/out Debt	\$ (0.25549)				



NORTH CLACKAMAS COUNTY WATER COMMISSION

Water Sales Fiscal Year Comparison 2022-2023 vs 2023-2024

	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>
GRAPH:													
FY 2022-2023	\$ 401,469	\$ 482,938	\$ 419,307	\$ 296,825	\$ 173,318	\$ 156,503	\$ 157,711	\$ 162,154	\$ 136,783	\$ 142,495	\$ 223,947	\$ 395,038	\$ 3,148,488
FY 2023-2024	\$ 475,460	\$ 502,484	\$ 366,228	\$ 198,249	\$ 172,387	\$ 165,769	\$ 195,987	\$ 175,715	\$ 145,874	\$ 171,882			\$ 2,570,037
FY % Comparison	18.43%	4.05%	-12.66%	-33.21%	-0.54%	5.92%	24.27%	8.36%	6.65%	20.62%	TBD	TBD	-18.37%



General Ledger Budget to Actual Report

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Period 08 - 08
Fiscal Year 2024



Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10	General Fund				
	<i>Beginning Fund Balance</i>				
10-3000-00	Fund Balance	1,368,149.00	0.00	1,760,504.17	128.68
	<i>Beginning Fund Balance</i>	<i>1,368,149.00</i>	<i>0.00</i>	<i>1,760,504.17</i>	<i>128.68</i>
	<i>Revenue</i>				
10-4010-00	Interest Income	5,000.00	6,446.29	44,556.88	891.14
10-4020-01	Water Sales-OLWSD	1,149,000.00	70,258.49	777,524.94	67.67
10-4020-02	Water Sales-City of Gladstone	550,000.00	42,309.55	415,962.52	75.63
10-4020-03	Water Sales-SWA	1,313,000.00	62,084.31	1,046,321.87	79.69
10-4020-09	Water Sales-Clackamas RiverWtr	13,000.00	1,061.80	12,469.57	95.92
10-4025-00	Wholesale Water Sales	1,300,000.00	97,036.69	894,288.78	68.79
10-4060-00	Miscellaneous Income	0.00	3,832.45	18,921.78	0.00
	<i>Revenue</i>	<i>4,330,000.00</i>	<i>283,029.58</i>	<i>3,210,046.34</i>	<i>74.14</i>
	<i>Personnel Services</i>				
10-5000-00	Plant Operators	360,000.00	27,722.20	233,394.80	64.83
10-5005-00	OvertimeOn-Call	50,000.00	4,024.38	34,422.66	68.85
10-5040-00	Apprenticeship	43,000.00	0.00	0.00	0.00
10-5050-00	MedicalDentalVision Ins.	110,000.00	9,621.15	74,215.85	67.47
10-5060-00	Retirement	110,000.00	7,704.89	65,014.28	59.10
10-5070-00	Payroll Taxes	40,000.00	2,682.68	21,844.14	54.61
10-5080-00	Workers Compensation	12,000.00	750.70	6,005.60	50.05
	<i>Personnel Services</i>	<i>725,000.00</i>	<i>52,506.00</i>	<i>434,897.33</i>	<i>59.99</i>
	<i>Materials & Services</i>				
10-5204-00	Wholesale Water Purchases	1,300,000.00	97,036.69	871,384.72	67.03
10-5206-10	Contracted	42,000.00	3,321.86	26,574.88	63.27
	Services-Management				
10-5206-12	Contracted Svcs-Plant Engineer	30,000.00	2,443.74	19,549.92	65.17
10-5206-13	Contracted Services-Financial	48,000.00	4,000.00	38,325.00	79.84
10-5206-16	HVAC	16,000.00	0.00	12,738.00	79.61
10-5208-00	General Office Expenses	8,000.00	176.91	2,051.39	25.64
10-5210-00	PermitsLicensing Fees	17,000.00	1,040.00	10,638.68	62.58
10-5212-00	General Insurance	85,000.00	7,782.50	50,058.04	58.89
10-5215-00	ComputersTechnology	15,000.00	30.00	13,497.79	89.99

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10-5230-04	Audit Services	45,000.00	7,020.00	34,520.00	76.71
10-5230-06	Legal Services	25,000.00	0.00	4,017.52	16.07
10-5230-08	Engineering - General	25,000.00	0.00	337.50	1.35
10-5230-21	Watershed Services	162,000.00	0.00	120,858.75	74.60
10-5236-10	Water Analysis and Testing	15,000.00	3,693.54	4,997.26	33.32
10-5236-11	Chemicals	150,000.00	3,899.99	75,961.11	50.64
10-5236-12	Instrumentation & Lab Supplies	25,000.00	0.00	3,566.03	14.26
10-5238-00	Telemetry (SCADA)	10,000.00	80.00	6,960.00	69.60
10-5240-00	Electricity	550,000.00	37,734.16	356,103.19	64.75
10-5244-00	Education Training and Dues	24,200.00	314.00	6,379.24	26.36
10-5245-00	Telephone	8,500.00	325.93	6,282.58	73.91
10-5246-00	Travel Expenses	500.00	314.00	314.00	62.80
10-5247-00	Books & Publications	1,000.00	109.00	296.50	29.65
10-5248-00	Public Notices	1,000.00	0.00	0.00	0.00
10-5250-10	Natural Gas	2,000.00	212.03	1,408.66	70.43
10-5250-20	Garbage	1,000.00	55.65	445.20	44.52
10-5252-00	Miscellaneous Expense	5,000.00	-26.09	1,208.70	24.17
10-5256-00	Commissioner Fees Expenses	1,200.00	0.00	0.00	0.00
10-5300-10	Vehicle Maintenance	5,000.00	0.00	3,505.36	70.11
10-5300-20	Fuels Oils	9,000.00	263.21	3,285.54	36.51
10-5300-30	Equipment Rental	3,500.00	0.00	0.00	0.00
10-5300-40	Equipment Maintenance	15,000.00	0.00	1,814.20	12.09
10-5305-10	Building Maintenance	15,000.00	0.00	490.65	3.27
10-5305-11	Grounds Maintenance	25,000.00	0.00	8,955.86	35.82
10-5305-13	Janitorial Supplies	2,000.00	0.00	473.50	23.68
10-5305-14	Security Monitoring Maint	5,000.00	0.00	628.72	12.57
10-5305-15	Plant Maintenance	40,000.00	-241.51	28,948.05	72.37
10-5305-16	Intake Structure Maintenance	10,000.00	0.00	0.00	0.00
10-5305-17	Membrane Maintenance	20,000.00	364.28	3,902.20	19.51
10-5305-20	Safety Supplies	15,000.00	419.08	3,587.95	23.92
10-5310-00	Small Tools & Equipment	10,000.00	0.00	173.72	1.74
	<i>Materials & Services</i>	<i>2,786,900.00</i>	<i>170,368.97</i>	<i>1,724,240.41</i>	<i>61.87</i>
	<i>Transfers & Contingencies</i>				
10-7300-13	Transfer to Plant Reserve	1,500,000.00	125,000.00	1,000,000.00	66.67
10-9000-00	Operating Contingency	330,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>1,830,000.00</i>	<i>125,000.00</i>	<i>1,000,000.00</i>	<i>54.64</i>
10	General Fund	356,249.00	-64,845.39	1,811,412.77	508.47
13	Plant Reserve				
	<i>Beginning Fund Balance</i>				
13-3000-00	Fund Balance	4,938,999.00	0.00	5,186,222.58	105.01
	<i>Beginning Fund Balance</i>	<i>4,938,999.00</i>	<i>0.00</i>	<i>5,186,222.58</i>	<i>105.01</i>
	<i>Revenue</i>				
13-4010-00	Interest Income	50,000.00	22,596.54	167,721.95	335.44
13-4100-10	Transfer In - General Fund	1,500,000.00	125,000.00	1,000,000.00	66.67
	<i>Revenue</i>	<i>1,550,000.00</i>	<i>147,596.54</i>	<i>1,167,721.95</i>	<i>75.34</i>

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
	<i>Capital Outlay</i>				
13-7000-10	Computers, Scada, Tech	230,000.00	0.00	0.00	0.00
13-7000-20	Equipment	260,000.00	0.00	55,024.75	21.16
13-7000-30	Sand	2,400,000.00	774,694.52	794,492.20	33.10
13-7000-50	Buildings	250,000.00	0.00	0.00	0.00
13-7000-60	Other	200,000.00	0.00	16,174.29	8.09
	<i>Capital Outlay</i>	<i>3,340,000.00</i>	<i>774,694.52</i>	<i>865,691.24</i>	<i>25.92</i>
	<i>Transfers & Contingencies</i>				
13-9000-00	Operating Contingency	700,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>700,000.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
13	Plant Reserve	2,448,999.00	-627,097.98	5,488,253.29	224.10
Revenue Total		5,880,000.00	430,626.12	4,377,768.29	74.4518
Expense Total		9,381,900.00	1,122,569.49	4,024,828.98	42.8999
Grand Total		2,805,248.00	-691,943.37	7,299,666.06	2.6021

General Ledger Budget to Actual Report

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Period 09 - 09
Fiscal Year 2024



Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10	General Fund				
	<i>Beginning Fund Balance</i>				
10-3000-00	Fund Balance	1,368,149.00	0.00	1,760,504.17	128.68
	<i>Beginning Fund Balance</i>	<i>1,368,149.00</i>	<i>0.00</i>	<i>1,760,504.17</i>	<i>128.68</i>
	<i>Revenue</i>				
10-4010-00	Interest Income	5,000.00	5,806.03	50,362.91	1,007.26
10-4020-01	Water Sales-OLWSD	1,149,000.00	67,198.92	844,723.86	73.52
10-4020-02	Water Sales-City of Gladstone	550,000.00	37,524.05	453,486.57	82.45
10-4020-03	Water Sales-SWA	1,313,000.00	40,142.90	1,086,464.77	82.75
10-4020-09	Water Sales-Clackamas RiverWtr	13,000.00	1,008.44	13,478.01	103.68
10-4025-00	Wholesale Water Sales	1,300,000.00	109,535.16	1,003,823.94	77.22
10-4060-00	Miscellaneous Income	0.00	0.00	18,921.78	0.00
	<i>Revenue</i>	<i>4,330,000.00</i>	<i>261,215.50</i>	<i>3,471,261.84</i>	<i>80.17</i>
	<i>Personnel Services</i>				
10-5000-00	Plant Operators	360,000.00	29,083.60	262,478.40	72.91
10-5005-00	OvertimeOn-Call	50,000.00	3,934.94	38,357.60	76.72
10-5040-00	Apprenticeship	43,000.00	0.00	0.00	0.00
10-5050-00	MedicalDentalVision Ins.	110,000.00	9,621.15	83,837.00	76.22
10-5060-00	Retirement	110,000.00	8,013.60	73,027.88	66.39
10-5070-00	Payroll Taxes	40,000.00	2,358.02	24,202.16	60.51
10-5080-00	Workers Compensation	12,000.00	750.70	6,756.30	56.30
	<i>Personnel Services</i>	<i>725,000.00</i>	<i>53,762.01</i>	<i>488,659.34</i>	<i>67.40</i>
	<i>Materials & Services</i>				
10-5204-00	Wholesale Water Purchases	1,300,000.00	109,535.16	980,919.88	75.46
10-5206-10	Contracted Services-Management	42,000.00	3,321.86	29,896.74	71.18
10-5206-12	Contracted Svcs-Plant Engineer	30,000.00	2,443.74	21,993.66	73.31
10-5206-13	Contracted Services-Financial	48,000.00	4,000.00	42,325.00	88.18
10-5206-16	HVAC	16,000.00	0.00	12,738.00	79.61
10-5208-00	General Office Expenses	8,000.00	0.00	2,051.39	25.64
10-5210-00	PermitsLicensing Fees	17,000.00	1,150.00	11,788.68	69.35
10-5212-00	General Insurance	85,000.00	7,782.50	57,840.54	68.05
10-5215-00	ComputersTechnology	15,000.00	115.20	13,612.99	90.75

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10-5230-04	Audit Services	45,000.00	0.00	34,520.00	76.71
10-5230-06	Legal Services	25,000.00	0.00	4,017.52	16.07
10-5230-08	Engineering - General	25,000.00	5,803.00	6,140.50	24.56
10-5230-21	Watershed Services	162,000.00	0.00	120,858.75	74.60
10-5236-10	Water Analysis and Testing	15,000.00	972.17	5,969.43	39.80
10-5236-11	Chemicals	150,000.00	6,337.35	82,298.46	54.87
10-5236-12	Instrumentation & Lab Supplies	25,000.00	10,113.48	13,679.51	54.72
10-5238-00	Telemetry (SCADA)	10,000.00	130.00	7,090.00	70.90
10-5240-00	Electricity	550,000.00	36,971.33	393,074.52	71.47
10-5244-00	Education Training and Dues	24,200.00	5,217.14	11,596.38	47.92
10-5245-00	Telephone	8,500.00	1,278.72	7,561.30	88.96
10-5246-00	Travel Expenses	500.00	232.76	546.76	109.35
10-5247-00	Books & Publications	1,000.00	0.00	296.50	29.65
10-5248-00	Public Notices	1,000.00	334.08	334.08	33.41
10-5250-10	Natural Gas	2,000.00	255.97	1,664.63	83.23
10-5250-20	Garbage	1,000.00	55.65	500.85	50.09
10-5252-00	Miscellaneous Expense	5,000.00	36.50	1,245.20	24.90
10-5256-00	Commissioner Fees Expenses	1,200.00	0.00	0.00	0.00
10-5300-10	Vehicle Maintenance	5,000.00	435.22	3,940.58	78.81
10-5300-20	Fuels Oils	9,000.00	442.60	3,728.14	41.42
10-5300-30	Equipment Rental	3,500.00	0.00	0.00	0.00
10-5300-40	Equipment Maintenance	15,000.00	0.00	1,814.20	12.09
10-5305-10	Building Maintenance	15,000.00	0.00	490.65	3.27
10-5305-11	Grounds Maintenance	25,000.00	0.00	8,955.86	35.82
10-5305-13	Janitorial Supplies	2,000.00	25.96	499.46	24.97
10-5305-14	Security Monitoring Maint	5,000.00	0.00	628.72	12.57
10-5305-15	Plant Maintenance	40,000.00	5,123.45	34,071.50	85.18
10-5305-16	Intake Structure Maintenance	10,000.00	0.00	0.00	0.00
10-5305-17	Membrane Maintenance	20,000.00	15.99	3,918.19	19.59
10-5305-20	Safety Supplies	15,000.00	649.67	4,237.62	28.25
10-5310-00	Small Tools & Equipment	10,000.00	0.00	173.72	1.74
	<i>Materials & Services</i>	<i>2,786,900.00</i>	<i>202,779.50</i>	<i>1,927,019.91</i>	<i>69.15</i>
	<i>Transfers & Contingencies</i>				
10-7300-13	Transfer to Plant Reserve	1,500,000.00	125,000.00	1,125,000.00	75.00
10-9000-00	Operating Contingency	330,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>1,830,000.00</i>	<i>125,000.00</i>	<i>1,125,000.00</i>	<i>61.48</i>
10	General Fund	356,249.00	-120,326.01	1,691,086.76	474.69
13	Plant Reserve				
	<i>Beginning Fund Balance</i>				
13-3000-00	Fund Balance	4,938,999.00	0.00	5,186,222.58	105.01
	<i>Beginning Fund Balance</i>	<i>4,938,999.00</i>	<i>0.00</i>	<i>5,186,222.58</i>	<i>105.01</i>
	<i>Revenue</i>				
13-4010-00	Interest Income	50,000.00	23,662.75	191,384.70	382.77
13-4100-10	Transfer In - General Fund	1,500,000.00	125,000.00	1,125,000.00	75.00
	<i>Revenue</i>	<i>1,550,000.00</i>	<i>148,662.75</i>	<i>1,316,384.70</i>	<i>84.93</i>

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
	<i>Capital Outlay</i>				
13-7000-10	Computers, Scada, Tech	230,000.00	0.00	0.00	0.00
13-7000-20	Equipment	260,000.00	0.00	55,024.75	21.16
13-7000-30	Sand	2,400,000.00	506,972.89	1,301,465.09	54.23
13-7000-50	Buildings	250,000.00	0.00	0.00	0.00
13-7000-60	Other	200,000.00	0.00	16,174.29	8.09
	<i>Capital Outlay</i>	<i>3,340,000.00</i>	<i>506,972.89</i>	<i>1,372,664.13</i>	<i>41.10</i>
	<i>Transfers & Contingencies</i>				
13-9000-00	Operating Contingency	700,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>700,000.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
13	Plant Reserve	2,448,999.00	-358,310.14	5,129,943.15	209.47
Revenue Total		5,880,000.00	409,878.25	4,787,646.54	81.4226
Expense Total		9,381,900.00	888,514.40	4,913,343.38	52.3705
Grand Total		2,805,248.00	-478,636.15	6,821,029.91	2.4315

General Ledger Budget to Actual Report



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Period 10 - 10
Fiscal Year 2024

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10	General Fund				
	<i>Beginning Fund Balance</i>				
10-3000-00	Fund Balance	1,368,149.00	0.00	1,760,504.17	128.68
	<i>Beginning Fund Balance</i>	<i>1,368,149.00</i>	<i>0.00</i>	<i>1,760,504.17</i>	<i>128.68</i>
	<i>Revenue</i>				
10-4010-00	Interest Income	5,000.00	5,264.04	55,626.95	1,112.54
10-4020-01	Water Sales-OLWSD	1,149,000.00	74,564.70	919,288.56	80.01
10-4020-02	Water Sales-City of Gladstone	550,000.00	39,422.32	492,908.89	89.62
10-4020-03	Water Sales-SWA	1,313,000.00	59,886.48	1,146,351.25	87.31
10-4020-09	Water Sales-Clackamas RiverWtr	13,000.00	1,008.45	14,486.46	111.43
10-4025-00	Wholesale Water Sales	1,300,000.00	115,653.84	1,119,477.78	86.11
10-4060-00	Miscellaneous Income	0.00	7,021.33	25,943.11	0.00
	<i>Revenue</i>	<i>4,330,000.00</i>	<i>302,821.16</i>	<i>3,774,083.00</i>	<i>87.16</i>
	<i>Personnel Services</i>				
10-5000-00	Plant Operators	360,000.00	28,294.00	290,772.40	80.77
10-5005-00	OvertimeOn-Call	50,000.00	4,146.76	42,504.36	85.01
10-5040-00	Apprenticeship	43,000.00	0.00	0.00	0.00
10-5050-00	MedicalDentalVision Ins.	110,000.00	9,621.15	93,458.15	84.96
10-5060-00	Retirement	110,000.00	7,873.37	80,901.25	73.55
10-5070-00	Payroll Taxes	40,000.00	2,742.03	26,944.19	67.36
10-5080-00	Workers Compensation	12,000.00	750.70	7,507.00	62.56
	<i>Personnel Services</i>	<i>725,000.00</i>	<i>53,428.01</i>	<i>542,087.35</i>	<i>74.77</i>
	<i>Materials & Services</i>				
10-5204-00	Wholesale Water Purchases	1,300,000.00	115,653.84	1,096,573.72	84.35
10-5206-10	Contracted Services-Management	42,000.00	3,321.86	33,218.60	79.09
10-5206-12	Contracted Svcs-Plant Engineer	30,000.00	2,443.74	24,437.40	81.46
10-5206-13	Contracted Services-Financial	48,000.00	5,250.00	47,575.00	99.11
10-5206-16	HVAC	16,000.00	4,246.00	16,984.00	106.15
10-5208-00	General Office Expenses	8,000.00	0.00	2,051.39	25.64
10-5210-00	PermitsLicensing Fees	17,000.00	900.00	12,688.68	74.64
10-5212-00	General Insurance	85,000.00	7,782.50	65,623.04	77.20
10-5215-00	ComputersTechnology	15,000.00	0.00	13,612.99	90.75

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
10-5230-04	Audit Services	45,000.00	0.00	34,520.00	76.71
10-5230-06	Legal Services	25,000.00	0.00	4,017.52	16.07
10-5230-08	Engineering - General	25,000.00	280.00	6,420.50	25.68
10-5230-21	Watershed Services	162,000.00	40,286.25	161,145.00	99.47
10-5236-10	Water Analysis and Testing	15,000.00	0.00	5,969.43	39.80
10-5236-11	Chemicals	150,000.00	3,478.80	85,777.26	57.18
10-5236-12	Instrumentation & Lab Supplies	25,000.00	306.00	13,985.51	55.94
10-5238-00	Telemetry (SCADA)	10,000.00	80.00	7,170.00	71.70
10-5240-00	Electricity	550,000.00	55,478.68	448,553.20	81.56
10-5244-00	Education Training and Dues	24,200.00	772.19	12,368.57	51.11
10-5245-00	Telephone	8,500.00	1,077.29	8,638.59	101.63
10-5246-00	Travel Expenses	500.00	0.00	546.76	109.35
10-5247-00	Books & Publications	1,000.00	0.00	296.50	29.65
10-5248-00	Public Notices	1,000.00	0.00	334.08	33.41
10-5250-10	Natural Gas	2,000.00	179.75	1,844.38	92.22
10-5250-20	Garbage	1,000.00	55.65	556.50	55.65
10-5252-00	Miscellaneous Expense	5,000.00	1,587.77	2,832.97	56.66
10-5256-00	Commissioner Fees Expenses	1,200.00	0.00	0.00	0.00
10-5300-10	Vehicle Maintenance	5,000.00	0.00	3,940.58	78.81
10-5300-20	Fuels Oils	9,000.00	391.90	4,120.04	45.78
10-5300-30	Equipment Rental	3,500.00	0.00	0.00	0.00
10-5300-40	Equipment Maintenance	15,000.00	0.00	1,814.20	12.09
10-5305-10	Building Maintenance	15,000.00	262.50	753.15	5.02
10-5305-11	Grounds Maintenance	25,000.00	363.97	9,319.83	37.28
10-5305-13	Janitorial Supplies	2,000.00	36.49	535.95	26.80
10-5305-14	Security Monitoring Maint	5,000.00	484.00	1,112.72	22.25
10-5305-15	Plant Maintenance	40,000.00	109.79	34,181.29	85.45
10-5305-16	Intake Structure Maintenance	10,000.00	0.00	0.00	0.00
10-5305-17	Membrane Maintenance	20,000.00	0.00	3,918.19	19.59
10-5305-20	Safety Supplies	15,000.00	733.14	4,970.76	33.14
10-5310-00	Small Tools & Equipment	10,000.00	35.91	209.63	2.10
	<i>Materials & Services</i>	<i>2,786,900.00</i>	<i>245,598.02</i>	<i>2,172,617.93</i>	<i>77.96</i>
	<i>Transfers & Contingencies</i>				
10-7300-13	Transfer to Plant Reserve	1,500,000.00	125,000.00	1,250,000.00	83.33
10-9000-00	Operating Contingency	330,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>1,830,000.00</i>	<i>125,000.00</i>	<i>1,250,000.00</i>	<i>68.31</i>
10	General Fund	356,249.00	-121,204.87	1,569,881.89	440.67
13	Plant Reserve				
	<i>Beginning Fund Balance</i>				
13-3000-00	Fund Balance	4,938,999.00	0.00	5,186,222.58	105.01
	<i>Beginning Fund Balance</i>	<i>4,938,999.00</i>	<i>0.00</i>	<i>5,186,222.58</i>	<i>105.01</i>
	<i>Revenue</i>				
13-4010-00	Interest Income	50,000.00	20,611.03	211,995.73	423.99
13-4100-10	Transfer In - General Fund	1,500,000.00	125,000.00	1,250,000.00	83.33
	<i>Revenue</i>	<i>1,550,000.00</i>	<i>145,611.03</i>	<i>1,461,995.73</i>	<i>94.32</i>

Account Number	Description	Budget	Period Amt	End Bal	% ExpendCollect
	<i>Capital Outlay</i>				
13-7000-10	Computers, Scada, Tech	230,000.00	0.00	0.00	0.00
13-7000-20	Equipment	260,000.00	0.00	55,024.75	21.16
13-7000-30	Sand	2,400,000.00	0.00	1,301,465.09	54.23
13-7000-50	Buildings	250,000.00	0.00	0.00	0.00
13-7000-60	Other	200,000.00	0.00	16,174.29	8.09
	<i>Capital Outlay</i>	<i>3,340,000.00</i>	<i>0.00</i>	<i>1,372,664.13</i>	<i>41.10</i>
	<i>Transfers & Contingencies</i>				
13-9000-00	Operating Contingency	700,000.00	0.00	0.00	0.00
	<i>Transfers & Contingencies</i>	<i>700,000.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
13	Plant Reserve	2,448,999.00	145,611.03	5,275,554.18	215.42
Revenue Total		5,880,000.00	448,432.19	5,236,078.73	89.049
Expense Total		9,381,900.00	424,026.03	5,337,369.41	56.8901
Grand Total		2,805,248.00	24,406.16	6,845,436.07	2.4402

NORTH CLACKAMAS COUNTY WATER COMMISSION

June 27, 2024

Agenda Item 7.2

Subject: Operations Report

Presenter(s): Joe Rogers, Plant Supervisor

Board Action: Open discussion

Attachments: None

Topics

Monthly Production

March: The plant produced a total of 225.40 million gallons at an average day rate of 7.27 MGD. Of the total water produced, the slow sand filter produced 42.7 million gallons and the membrane filters produced 131.31 million gallons. The highest production day for the month was 15.1 MGD. The Commission sold 61.53 MGD to Clackamas River Water.

April: The plant produced a total of 363.50 million gallons at an average day rate of 12.12 MGD. Of the total water produced, the slow sand filter produced 115.45 million gallons and the membrane filters produced 110.19 million gallons. The highest production day for the month was 14 MGD. The Commission sold 151.04 MGD to Clackamas River Water.

May: The plant produced a total of 304.50 million gallons at an average day rate of 9.82 MGD. Of the total water produced, the slow sand filter produced 155.06 million gallons and the membrane filters produced 111.24 million gallons. The highest production day for the month was 15.90 MGD. The Commission sold 44.72 MGD to So Clackamas River Water.

Staff Notes

The Staff has been focused on Membrane maintenance (pinning) and, as always during the spring, grounds maintenance. Tim Schrupp achieved his level 2 water treatment license and Nam Ngo his level 3 water treatment license. Our new summer intern from CCC's WET program, Luke Gibbons, started on June 24. Staff is looking forward to sharing the summer with Luke.

NORTH CLACKAMAS COUNTY WATER COMMISSION

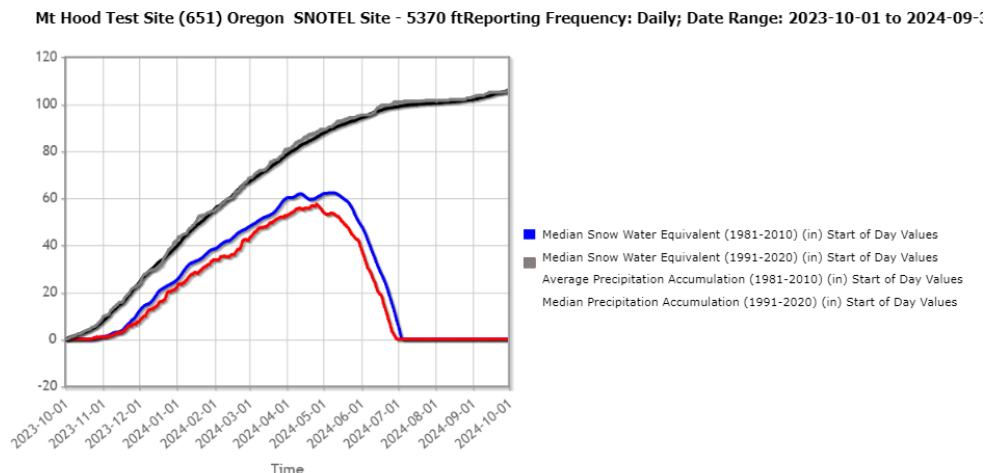
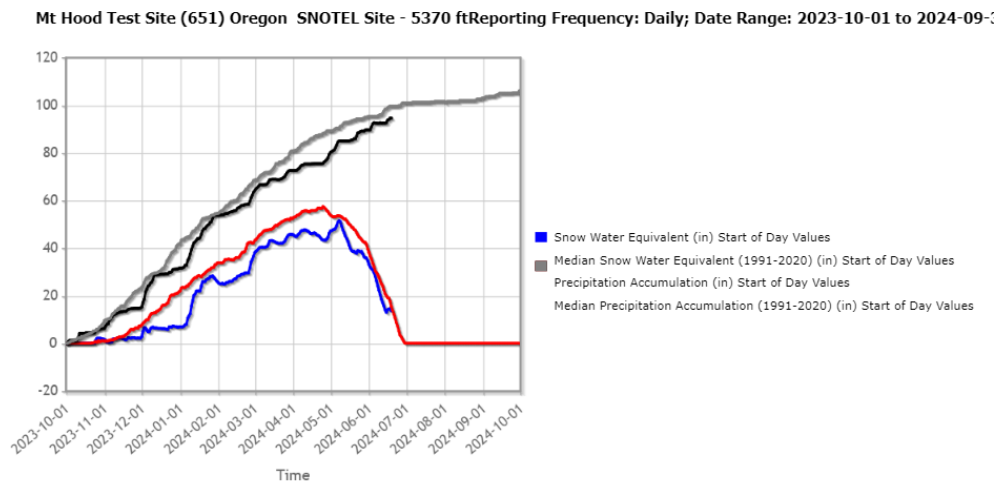
June 27, 2024

Agenda Item 7.3

Subject: Manager's Report
Presenter(s): Wade Hathhorn, General Manager
Board Action: Open discussion
Attachments: None

Update on Snowpack

Here are the cumulative precipitation (black/gray) and snow water equivalent (red/blue) charts for this year and a historic comparison. The top chart is from this year, 2023-24, and the bottom chart is a comparative chart between the staggered 30-year periods from 1981-2010 and 1991-2020.



In each chart, there are comparative graphs between "total precipitation" and "medians" (on top) and similar comparative graphs for "snowpack" (on bottom). In the upper chart, you can see there has been lesser amounts of "precip" and "snowfall" overall compared to "medians" this year. However, we caught up to

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“median snowpack” in early May, while total “precip” still lags “medians” for the year. Recent cooler temperatures have also helped preserve “snowpack” late into the year.

On the lower chart, you see that “total precip” is basically unaffected over time but annual “snowpack” appears to be slowly declining. These are the principal findings based on climate change predictions and are being told to expect more of the same in the future.

No, Really? Ok but...

Earlier this year, CRW came to the NCCWC and So. Fork with a plan for maintenance and valve replacement at their treatment plant. Their plan included shutting their plant completely down for an extended period to allow for the work. Of course, our first response was “no really?” Followed by “for how long? and you need to be done before May” Anyway, staff from the NCCWC and So. Fork worked out a plan to serve CRW for an extended period (thanks again to pipeline B). The shutdown began in late March and extended for 6 weeks into early May, bumping up against the pre-summer demand increase. Throughout this period, CRW was taking about 8 MGD – 6 from So. Fork and 2 from NCCWC. In the end, the shutdown was successful but made some unanticipated work on the accounting side for OLWS staff (oops, sorry but we’re grateful for the assistance).

Summer Intern From CCC WET

Our first intern under the new scholarship program with Clackamas Community College’s Water Environmental Technology (WET) program will begin work on June 24. Staff is looking for to working this person and continuing the collaboration with CCC.

Next Up, Membrane Replacements

Having recently completed a 20-year master plan for the NCCWC, there are of course lots of periodic improvement and replacements scheduled for this pump and that motor or this controller and that compressor - but there are (or were) two REALLY BIG ITEMS. The first, replacement of the sand in each of the four filter bays. While not without its own challenges, that’s now thankfully done!!! Next up, replacement of the **membranes**. This is going to take a few years. The first steps will be to get some research completed on types and providers of membrane products (e.g. ceramic versus synthetic hollow fibers), followed by pilot testing. We expect to complete the research phase this next year and begin the pilot phase planning. We have our work cut out ... A lot more to come.

Summary of Production and Deliveries

To be made available at the meeting.