Metropolitan Wastewater
MANAGEMENT COMMISSION

partners in wastewater management

MWMC MEETING AGENDA

Friday, April 10, 2026, 7:30 AM – 9:30 AM (PDT)
The MWMC Meeting will be held in-person at Springfield City Hall, 225 Fifth Street, Springfield, OR 97477
in the Library Meeting Room, remotely or via phone.

To attend the regular meeting virtually, registration is required: Webinar ID: **839 8428 5166**
Zoom Link: **https://us06web.zoom.us/webinar/register/WN_zV5q94URSEueuvFNJSDxkQ**
To join the Zoom meeting by phone dial: **877.853.5247**

7:30 – 7:35 **I. ROLL CALL**: Commissioner Farr, Commissioner Hazen, Commissioner Keeler, Commissioner Lesley, Commissioner Stewart, Commissioner Stout, Commissioner Yeh

7:35 – 7:40 **II. CONSENT CALENDAR**

a. MWMC 03/13/26 Minutes
Action Requested: By motion, approve the Consent Calendar

7:40 – 7:45 **III. PUBLIC COMMENT**: Public comment can be submitted by email to Minman@springfield-or.gov or by phone 541-726-3694 by 5 PM April 9, 2026, or made at the meeting. All public comments need to include your full name, address, if you are representing yourself or an organization (name of organization), and topic.

7:45 – 7:55 **IV. USER RATES, PH & ADOPTION**……..Jeremy Cleversey
Action Requested: Approve by Resolution 26-03

7:55 – 8:00 **V. RWP BUDGET & CAPITAL IMPROVEMENTS, PH & ADOPTION**……..Jeremy Cleversey
Action Requested: Approve by Resolution 26-04

8:00 – 8:20 **VI. AERATION CONSULTANT SERVICES**……..……..Nick Thrasher
Action Requested: Approve by Resolution 26-05

8:20 – 8:40 **VII. FACILITIES PLAN ADOPTION**…….....Bryan Robinson
Action Requested: Information and Discussion

8:40 – 8:55 **VIII. BUSINESS FROM COMMISSION, EXECUTIVE DIRECTOR, & WASTEWATER DIRECTOR**

8:55 – 9:30 **IX. EXECUTIVE SESSION**

- ORS 192.660 (2)(f):To consider information or records that are exempt by law from public inspection.

9:30 **X. ADJOURNMENT**

The meeting location is ADA Accessible. For hearing impaired, an interpreter can be provided with 48 hours' notice prior to meeting. To arrange services, call 541-726-3694.

THE FULL PACKET IS POSTED ON THE WEBSITE
www.mwmcpartners.org

Metropolitan Wastewater
MANAGEMENT COMMISSION

partners in wastewater management

MWMC MEETING MINUTES
Friday, March 13, 2026, at 7:30 a.m.

The MWMC Meeting was held remotely via computer, phone, and in-person.
Meeting was video recorded.

Commissioner **Farr** opened the meeting at 7:55 a.m. Roll call was taken by Misty Inman.

ROLL CALL

Commissioner Present In-Person: Pat Farr, Christopher Hazen, Doug Keeler, and Alan Stout

Commissioner Remote: Dawn Lesley and Jennifer Yeh

Staff Present In-Person: Jolynn Barker, Emily Bradley, Jeremy Cleversey, Brian Conlon, Amy Hartsfield, Misty Inman, Troy McAllister, James McClendon, Michelle Miranda, Amelia Remington, Bryan Robinson, Loralyn Spiro, Matt Stouder, Kevin Vanderwall, and Valerie Warner

CONSENT CALENDAR

a. MWMC 02/13/26 Minutes

MOTION: IT WAS MOVED BY COMMISSIONER **HAZEN** WITH A SECOND BY COMMISSIONER **STOUT** TO APPROVE THE REVISED CONSENT CALENDAR. THE **MOTION PASSED** UNANIMOUSLY 6/0.

Hazen	Y
Farr	Y
Keeler	Y
Lesley	Y
Stout	Y
Yeh	Y

PUBLIC COMMENT

There was no public comment.

ELECTION OF OFFICERS

Matt Stouder, MWMC Executive Director, presented to the Board on the election of officers (President and Vice President) for one-year terms as outlined in the MWMC bylaws. There is no formal guideline for rotating the officer's position. Traditionally, the Commission has opted to rotate the officer's position among the three jurisdictions of the City of Springfield, the City of Eugene, and Lane County. This past year, Lane County Commissioner Pat Farr served as the Commission President, and Doug Keeler, Springfield Representative, served as the Commission Vice President. The Commission is to follow past practice, a Springfield representative would be Commission President, and a Lane County representative would be Commission Vice President.

MOTION: IT WAS MOVED BY COMMISSIONER **STOUT** WITH A SECOND BY COMMISSIONER **HAZEN** TO APPROVE COMMISSIONER KEELER AS THE 2026-2027 COMMISSION PRESIDENT. THE **MOTION PASSED** UNANIMOUSLY 6/0.

Hazen	Y
Farr	Y
Keeler	Y
Lesley	Y
Stout	Y
Yeh	Y

MOTION: IT WAS MOVED BY COMMISSIONER **KEELER** WITH A SECOND BY COMMISSIONER **STOUT** TO APPROVE COMMISSIONER HAZEN AS THE 2026-2027 COMMISSION VICE PRESIDENT. THE **MOTION PASSED** UNANIMOUSLY 6/0.

Hazen	Y
Farr	Y
Keeler	Y
Lesley	Y
Stout	Y
Yeh	Y

Commissioner **Keeler** took over the Board meeting as President.

BIOSOLIDS PROCESS IMPROVEMENTS STUDY

Bryan Robinson, Environmental Services Supervisor, presented Resolution 26-02 to the Board regarding Phase 1 of the Biosolids Improvement Study (Project 80122) at the Biosolids Management Facility (BMF). The study, recommended through the Comprehensive Facilities Plan, will be implemented in three phases to evaluate and improve biosolids management and lagoon performance. Phase 1 focuses on the Facultative Sludge Lagoons (FSLs), analyzing their current chemical composition, including pollutant concentrations, and determining the total volume of solids contained within the lagoons. Current operational challenges include reduced FSL solids reduction performance, dewatering difficulties, and stress on BMF operations and the land application program. West Yost Associates will conduct sampling and solids assessments using advanced technologies, including Light Detection and Ranging (LIDAR) mapping, to better understand conditions within the FSLs. The study will also support an ongoing belt filter press optimization effort and study results will feed into future Biosolids Improvement Study phase work. The estimated cost for Phase 1 task order work is approximately $202,000, with additional summer sampling anticipated at under $100,000. Resolution 26-02 authorizes the Executive Director to apply 2025 Supplemental Budget 1 funds and expand the West Yost contract to a total of $530,000 to complete Phase 1. Future phases will be brought to the Board for approval as scope, costs, and schedules are determined.

Commission Discussion:

- Reason for reduced lagoon performance
- Completion confidence
- Performance and monitoring parameters
- Underperformance of the belt filter press

Commissioner **Lesley** voiced concerns about basic mass balance and monitoring of what is coming out of the plant. She can support this resolution but has concerns.

MOTION: IT WAS MOVED BY COMMISSIONER **HAZEN** WITH A SECOND BY COMMISSIONER **STOUT** TO APPROVE RESOLUTION 26-02. THE **MOTION PASSED** UNANIMOUSLY 6/0.

Hazen	Y
Farr	Y
Keeler	Y
Lesley	Y
Stout	Y
Yeh	Y

PRELIMINARY FY 26-27 RWP BUDGET

Jeremy Cleversey, Environmental Services Management Analyst, Michelle Miranda, the City of Eugene Wastewater Division Director, and Matt Stouder, MWMC Executive Director, presented the fiscal year (FY) 2026–2027 budget (Attachment 1). Staff contributions were acknowledged in developing the budget following recent staffing changes and challenges of operating in a post-COVID environment with rising costs for materials, services, utilities, and regulatory compliance. The proposed operating budget totals $29.5 million (M), representing a 7.2% increase from the prior adopted budget, while capital planning includes significant multi-year infrastructure projects. Staff discussed key cost drivers such as personnel expenses, inflation, declining wastewater flows, and challenges with increased expenses and revenue forecasting due to EWEB's new billing software. Staff recommended a 5.5% user fee rate increase, which would add approximately $1.84 per month to the average household using 5,000 gallons of water per month and generate about $2.25 M in additional revenue, noting that incremental increases help avoid larger spikes in future user fee rates.

Commissioner Discussion:

- EWEB services
- Personal expenses increase
- Tariffs
- Gen AI (Opportunity Analysis)
- Strategic plan update (key performance indicators)

The majority of Commissioners agreed with a 5.5% user fee rate increase. Commissioner **Stout** suggested a 4.5% user fee rate and noted that Springfield may have concerns with a higher user fee. Further Commissioner discussion followed, with the Commission ultimately providing direction to staff to move the budget forward for public hearing in April based on a 5.5% user fee increase.

MOBILE WASTE HAULER RATE

James McClendon, City of Eugene Wastewater Finance and Administrative Manager, presented a recommendation to adjust the rate charged to mobile waste and septic haulers for FY 2026 -27. The Water Pollution Control Facility (WPCF) currently serves 15 haulers who unload septage directly at the facility, with volumes measured electronically during discharge. Using a rate model based on prior-year operating costs, equipment depreciation, population data, and septage volume and strength, staff determines the appropriate cost-recovery rate annually. He recommended increasing the rate from $152 per 1,000 gallons (kgal) (15.2¢/gallon) to $160 per kgal (16¢/gallon), a 5.3% increase, which aligns with full cost recovery. Higher rates could generate additional revenue but may increase the risk of losing customers. The proposed rate maintains the Board's historical approach of recovering costs rather than generating excess revenue.

Commissioner Discussion:

- Sampling of waste haulers' load
- Short Mountain Landfill leachate

Direction was provided to move forward for a public hearing in April with septage rages proposed at $160 per kgal (16¢/gallon).

BUSINESS FROM THE COMMISSION

Commissioner **Farr** announced that the Board of Lane County Commissioners will appoint the Lane County MWMC Representative, the spot formerly filled by Commissioner Bill Inge, on March 31.

BUSINESS FROM MWMC EXECUTIVE DIRECTOR

Mr. Stouder announced that seven bids were received for the Poplar Harvest Contract; however, after the top bidder was selected, staff received a protest from one of the bidders, and legal counsel is currently reviewing it with project management staff. There may be an executive session scheduled at the April meeting to discuss this.

The Board is requested to attend the upcoming April meeting in person, as Communications staff will be taking an updated group photo and headshots for new Board members for the MWMC's website and communications materials.

The MWMC's updated Intergovernmental Agreements (IGAs) became effective on March 12, 2026.

Lastly, Loralyn Spiro attended a conference in Miami to accept a National Environmental Achievement Award from the National Association of Clean Water Agencies (NACWA) on behalf of MWMC and the City of Springfield for work related to the One Water and Digital Education Campaign.

BUSINESS FROM WASTEWATER DIVISION DIRECTOR

Ms. Miranda said at the BMF, the strain press upgrade project (budgeted in FY 2023–24) was completed, and a manufacturing defect has been identified. Staff are working with the contractor and a local machine shop on this issue. Updated information will be communicated to the Board as it becomes available, possibly in a communication packet.

Contrail Smith, Pretreatment Coordinator and long-time City of Eugene staff, has accepted a job to become Superintendent of the Wastewater program at the City of Albany. His last day was Thursday, March 12, 2026 and recruitment for a new Pretreatment Coordinator will begin.

Commissioner **Keeler** adjourned the meeting at 9:35 am.

Metropolitan Wastewater
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M E M O R A N D U M

DATE:	April 2, 2026
TO:	MWMC Board
FROM:	Jeremy Cleversey, MWMC Management Analyst
SUBJECT:	Fiscal Year 2026-27 User Rates, Public Hearing and Adoption
ACTION REQUESTED:	Conduct a public hearing on the proposed schedule of regional wastewater user rates and consider adoption of Resolution 26-03

ISSUE

A public hearing is scheduled for the April 10, 2026, Board meeting to review and discuss the proposed fiscal year 2026-27 (FY 26-27) user rates for the Regional Wastewater Program (RWP) and to solicit public comment. A public hearing notice was published in the Register Guard and the meeting agenda was provided to the standing list of parties interested in notification of the Metropolitan Wastewater Management Commission (MWMC) meetings. Per the MWMC's Intergovernmental Agreement (IGA), once the Board acts, the recommended schedule of user fees will be forwarded to the cities of Springfield and Eugene for adoption and implementation.

The proposed septage haulers and hauled waste (non-septage) fees will also be presented to the Board for adoption.

BACKGROUND

The Board has reviewed and discussed the components of the FY 26-27 Regional Wastewater Program Budget and Capital Improvements Program over the past three months, including:

- On January 9, 2026, the Board reviewed the proposed Key Outcomes and Performance Indicators as part of the FY 26-27 Budget Kick-Off.
- On February 13, 2026, the Board reviewed the proposed Capital Budget and 5-Year Capital Plan.
- On March 13, 2026, the Board considered the operating program budget, user rate scenarios, and provided input on the Preliminary FY 26-27 RWP Budget.

DISCUSSION

Wastewater User Rates – On March 13, the Board was presented with three multi-year user fee rate scenarios for FY 26-27 including the proposed 5.5% rate change, and rate scenarios at 4.5% and 7.5%. Based on discussions and input from the Board members, the Board provided direction to move forward with a 5.5% rate change in FY 26-27 to maintain revenue adequacy to: (1) support the capital improvement programs; (2) perform daily operations and maintenance requirements; (3) comply with regulatory permit mandates; (4) meet debt service obligations, and (5) implement moderate rate changes annually.

While 5,000 gallons is commonly used when comparing a residential monthly bill with other communities to standardize the comparison, the average residential usage varies by community. A rate increase of 5.5% for a residential customer using 5,000 gallons will yield an increase of $1.84 from $33.50 to $35.34 monthly for regional wastewater treatment services. The current regional single family residential (SFR) user in the MWMC's service area averages 3,720 gallons per month, which would equate to a monthly bill of $30.82.

With the proposed 5.5% increase in regional wastewater user charges applied to the base and flow components of the user fee charge, the FY 26-27 revenue from the rates is projected to meet the covenants of the Revenue Bonds and remaining SRF loan requirements, and to maintain or exceed an unenhanced credit rating of AA by adequately funding operations, administration, capital financing and reserves as proposed in the FY 26-27 Regional Wastewater Program Budget and Capital Improvement Program.

Septage Haulers / Hauled Waste Rates – Septage haulers and hauled waste (non-septage) fees are charged to mobile waste haulers based on the volume of septage/hauled waste discharged. A recent cost of services analysis performed by plant staff resulted in a proposed increase in septage/hauled waste fees from $0.152 per gallon to $0.160 per gallon, or $160 per 1,000 gallons for FY 26-27.

Staff plans to provide a brief presentation on the proposed user rates and septage haulers/hauled waste fees at the April 10th meeting, to be followed by a public hearing.

Next Steps – Per the MWMC intergovernmental agreement, once the user rates are approved by the MWMC, the approved user rates will be referred to the City of Springfield and City of Eugene for adoption. The Board may approve the proposed septage haulers and hauled waste (non-septage) fees without further action of the Governing Bodies.

RECOMMENDATION

Staff recommends the MWMC, by motion, adopt Resolution 26-03 to set Regional Wastewater User Fee Rates increasing by 5.5% for FY 26-27 and Septage Hauler Rate of $0.160 per gallon for FY 26-27.

ACTION REQUESTED

The Board is requested to review the proposed schedule of regional wastewater user rates and septage haulers and hauled waste (non-septage fees), conduct a public hearing, and consider adoption of Resolution 26-03.

ATTACHMENTS

1) Resolution 26-03

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METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

RESOLUTION 26-03	)	**IN THE MATTER OF THE FY 2026-27**
	)	**MWMC REGIONAL WASTEWATER**
	)	**SCHEDULE OF USER RATES AND**
	)	**SEPTAGE AND HAULED WASTE FEES**
	)	**AND RECOMMENDING USER RATES**
	)	**TO THE APPLICABLE GOVERNING**
	)	**BODIES**

WHEREAS, the Metropolitan Wastewater Management Commission ("MWMC"), pursuant to the Intergovernmental Agreement ("IGA") between the cities of Springfield and Eugene, and Lane County (collectively "Governing Bodies"), is responsible for the administration and operation of the regional wastewater system;

WHEREAS, the IGA requires MWMC to recommend to the applicable Governing Bodies a schedule of sewer user rates;

WHEREAS, MWMC's recommendation must set forth: 1) the rates and amounts MWMC reasonably determines are necessary to meet MWMC's bond covenants and to achieve and maintain an unenhanced credit rating of AA from at least one nationally recognized rating agency ("MWMC 2019 Financial Plan Rate Policy 3") and 2) such additional rates and amounts MWMC determines are appropriate to adequately fund the actions necessary to perform MWMC's functions under the IGA ("MWMC 2019 Financial Rate Policy Introduction paragraph");

WHEREAS, MWMC has determined the user rates proposed satisfy the requirements of the 2019 Financial Plan Rate Policy and that additional funds are not necessary; and

WHEREAS, on April 10, 2026, the MWMC held a public hearing on the levels of sewer user rates, including septage haulers and hauled waste (non-septage) fees necessary to meet the requirements set forth above for Fiscal Year 2026-2027;

WHEREAS, MWMC, to the extent such exist, have considered all written and/or oral comments made at the public hearing, the recommendation of staff, and being otherwise fully advised.

METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

Resolution 26-03

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION:

1. That the Metropolitan Wastewater Management Commission Schedule of Regional Wastewater Sewer User Fees for Fiscal Year 2026-2027 in the form attached as Exhibit A, incorporated herein by this reference, with the rates set forth therein increased by the amounts that are necessary to reflect an overall rate increase of 5.5% over the sewer user rates currently in effect, satisfies Goal 1 and is recommended to the applicable Governing Bodies for adoption and implementation.

2. The Septage and Hauled Waste (non-septage) fees, which are implemented only in Eugene, will increase from $0.152 per gallon to $0.160 per gallon effective July 1, 2026

ADOPTED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION ON THE 10TH DAY OF APRIL 2026.

Digital Signature:

_____
Doug Keeler, MWMC President

Digital Signature:

Approved as to form: _____
Kristin Denmark, MWMC Legal Counsel

Digital Signature:

Attest: _____
Jolynn Barker, Secretary Pro Tempore

Exhibit A

Metropolitan Wastewater Management Commission
Schedule of Regional Wastewater Sewer User Fees
Fiscal Year 2026-2027

Base Charge per Account (excludes septage and hauled waste)	$17.71

Flow-Based Fee	Per Unit (748 gallons)	Per 1,000 gallons
Residential	$2.638	$3.525
Low Strength	$3.544	$4.739
Medium Strength	$5.162	$6.903
High Strength	$7.327	$9.795
Very High Strength	$9.496	$12.695
Super High Strength	$11.660	$15.590
Septage		$160.00
Hauled Waste(non-septage)		$160.00

Metropolitan Wastewater
MANAGEMENT COMMISSION

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MEMORANDUM

DATE:	April 2, 2026
TO:	MWMC Board
FROM:	Jeremy Cleversey, MWMC Management Analyst
SUBJECT:	Fiscal Year 2026-27 Regional Wastewater Program (RWP) Budget and Capital Improvements Program, Public Hearing and Adoption
ACTION REQUESTED:	Review the Proposed Fiscal Year 2026-27 RWP Budget, conduct a public hearing, and consider adoption of Resolution 26-04

ISSUE

The Proposed Regional Wastewater Program (RWP) and Capital Improvements Program (CIP) budget for fiscal year 2026-27 (FY 26-27) is attached for Board review and consideration. A public hearing is scheduled for the April 10, 2026, Metropolitan Wastewater Management Commission (MWMC) meeting to solicit public comment. A public hearing notice was published in The Register Guard, and the meeting agenda was provided to the standing list of parties interested in notification of the MWMC meetings. The notice provides the Board with the opportunity to approve the RWP and CIP budgets on April 10.

BACKGROUND

On January 9, 2025, the MWMC Board reviewed the proposed Key Outcomes and Performance Indicators as part of the FY 26-27 Budget Kick-Off. On February 13, the Board reviewed the proposed Capital Budget and 5-Year Capital Plan. On March 13, the Board considered the operating program budget, user rate scenarios, and provided input on the Preliminary FY 26-27 RWP Budget.

The Proposed FY 26-27 RWP budget funds operation, administration, and capital projects planned for the MWMC Regional Wastewater Facilities. Based on input received from the MWMC Board during prior years, staff does not intend to make a significant presentation on the budget document at the MWMC April 10 public meeting; however, staff will be prepared to support the Board's discussion.

DISCUSSION

Operating Program Budget – The total operating budget is $29,600,791, reflecting an increase of 7.3% ($2,001,466) in FY 26-27 when compared to the adopted FY 25-26 budget.

- *Operations and Maintenance* – The operations and maintenance budget for Eugene is $22,751,580, reflecting an increase of 7.4% ($1,566,953) in FY 26-27 when compared to the adopted FY 25-26 budget.

- *Administration* – The administration budget for Springfield is $6,849,211 in total, reflecting an increase of 6.8% ($434,422) in FY 26-27 when compared to the adopted FY 25-26 budget.

Capital Programs Budget – The CIP overall budget proposed for FY 26-27 is $42,259,000, of which $39,430,000 or 93.3% is dedicated towards capital projects and $2,829,000 or 6.7% is dedicated to equipment replacement and asset management. Approximately $30,680,000 of the capital budget is carryover funding from FY 25-26 for projects that span multiple years and/or may continue into FY 26-27. The MWMC 5-year Capital Planning total is $181,870,000 as displayed in Exhibit 13.

Wastewater User Rates – The Preliminary FY 26-27 RWP Budget and CIP document reflects an increase of 5.5% over the sewer user rates effective July 1, 2026. Septage haulers and hauled waste (non-septage) fees are based on the volume of septage/hauled waste discharged. A cost of services analysis performed by plant staff resulted in septage/hauled waste fees increasing from $0.152 per gallon to $0.160 per gallon or $160 per 1,000 gallons in FY 26-27.

Next Steps – Per the MWMC intergovernmental agreement, once approved by the MWMC, the FY 26-27 Budget and CIP will be referred to the City of Springfield, City of Eugene, and Lane County for consideration and ratification. After the ratification process is complete, the budget will be brought back to the MWMC for final adoption at the June 12, 2026 MWMC meeting.

ACTION REQUESTED

The MWMC Board is requested to review the Proposed FY 26-27 RWP Budget and CIP materials, conduct a public hearing, and consider adoption of Resolution 26-04.

ATTACHMENTS

1) Resolution 26-04
2) Proposed FY 2026-27 RWP Budget and CIP

Metropolitan Wastewater
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METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

RESOLUTION 26-04	)	**IN THE MATTER OF ADOPTING THE**
	)	**FY 2026-27 MWMC REGIONAL**
	)	**WASTEWATER PROGRAM BUDGET AND**
	)	**CAPITAL IMPROVEMENTS PROGRAM**
	)	**AND RECOMMENDING THEM TO THE**
	)	**GOVERNING BODIES**

WHEREAS, the Metropolitan Wastewater Management Commission ("MWMC"), pursuant to the Intergovernmental Agreement ("IGA") between the cities of Springfield and Eugene, and Lane County (collectively "Governing Bodies"), is responsible for the administration and operation of the regional wastewater system;

WHEREAS, the IGA requires MWMC to prepare an annual budget and Capital Improvements Program and recommend them to the Governing Bodies for adoption;

WHEREAS, MWMC's annual budgeting process involves a number of public meetings in which the MWMC's administrative and operational needs for the upcoming fiscal year are presented and reviewed;

WHEREAS, on April 10, 2026, MWMC held a public hearing on the proposed FY 2026-27 Regional Wastewater Program Budget (RWP) and Capital Improvements Program (CIP); and

WHEREAS, MWMC, to the extent such exist, have considered all written and/or oral comments made at the public hearing, the recommendation of staff, and being otherwise fully advised.

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION that the RWP and CIP for FY 2026-27 as presented to the MWMC on April 10, 2026, are hereby approved and the Executive Director is directed to refer them to the Governing Bodies for ratification in accordance with the IGA.

METROPOLITAIN WASTEWATER MANAGEMENT COMMISSION

Resolution 26-04

ADOPTED BY THE GOVERNING BODY OF THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION ACTING IN ITS CAPACITY AS LOCAL PUBLIC CONTRACT REVIEW AUTHORITY ON THE 10TH DAY OF APRIL 2026.

Digital Signature:

_____

Doug Keeler, MWMC President

Digital Signature:

Approved as to form: _____

Kristen Denmark, MWMC Legal Counsel

Digital Signature:

Attest: _____

Jolynn Barker, Secretary Pro Tempore

Regional Wastewater Program Budget and Capital Improvements Program

Metropolitan Wastewater
MANAGEMENT COMMISSION

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Proposed

Fiscal Year 2026-2027

Attachment 2

Attachment 2

REGIONAL WASTEWATER PROGRAM BUDGET
and
CAPITAL IMPROVEMENTS PROGRAM

Fiscal Year 2026-27
Proposed

The Metropolitan Wastewater Management Commission is scheduled to adopt the Operating Budget and Capital Improvements Program (CIP) for FY 26-27on April 10, 2026. The Budget and CIP is scheduled to be ratified by the Springfield City Council on May 18, 2026, the Eugene City Council on May 11, 2026, and the Lane County Board of Commissioners on May 19, 2026. The Commission will give final ratification of the Budget and CIP on June 12, 2026.

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Cover photo: Summer 2025 Clean Water University where staff pose with mascot Wally Waterdrop

Attachment 2

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METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

FY 2026-27 BUDGET AND CAPITAL IMPROVEMENTS PROGRAM
for the
REGIONAL WASTEWATER PROGRAM

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Attachment 2

INTRODUCTION

Attachment 2

INTRODUCTION

The MWMC was formed by the cities of Eugene, Springfield, and Lane County through an intergovernmental agreement (IGA) in 1977 to provide wastewater collection and treatment services for the Eugene-Springfield metropolitan area. The seven-member Commission, appointed by the City Councils of Eugene and Springfield and the Lane County Board of Commissioners, is responsible for oversight of the Regional Wastewater Program. Since 1983, the Commission has contracted with the cities of Springfield and Eugene to provide all staffing and services necessary to maintain and support the Regional Wastewater Program.

The MWMC has been providing high-quality wastewater services to the metropolitan area for 49 years. The service area for the MWMC consists of approximately 270,000 customers, including 82,000 residential and commercial accounts. The MWMC is committed to clean water, the community's health, the local environment, and to providing high quality services in a manner that will achieve, sustain, and promote balance between community, environmental, and economic needs.

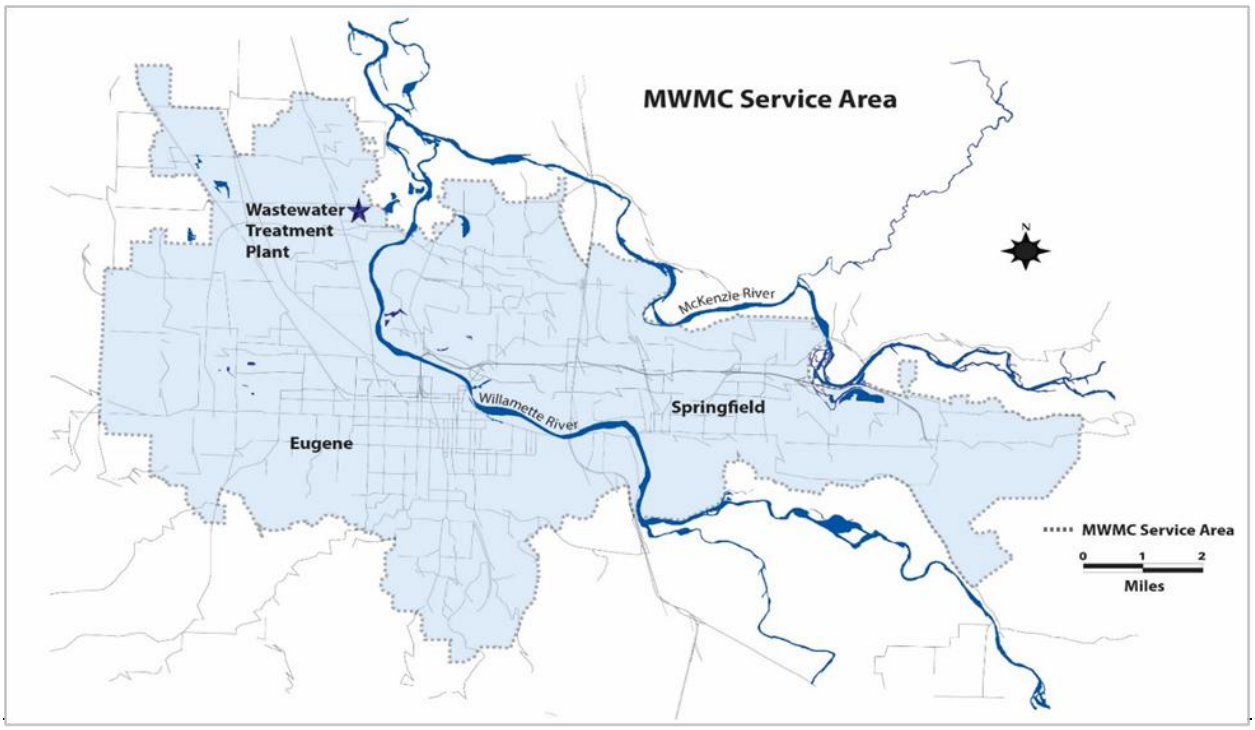
Mission: To protect our community's health and the environment by providing high-quality wastewater services to the Eugene-Springfield metropolitan area in partnership with Eugene, Springfield, and Lane County.

Vision: The MWMC will be recognized as a leader in protecting water quality through sustainable and fiscally responsible practices.

Values Statement: The MWMC strives to provide high-quality services that achieve, sustain, and promote balance between community, environmental and economic needs while meeting customer service expectations.

Values:
Clean Water
Protecting Community Health
Providing Excellent Customer Service
Sustain Environmental Stewardship
Collaboration with Partners

Regulatory Permit Status - The MWMC's renewed NPDES permit was issued in October 2022, and will expire on September 30, 2027. As we continue efforts to renew our Facilities Master Plan, we are preparing for more stringent requirements from the new permit. The MWMC continues to reduce debt obligations, while planning financially to be positioned for the NPDES permit requirements.


MWMC Service Area
Wastewater Treatment Plant
McKenzie River
Willamette River
Springfield
Eugene
N
MWMC Service Area
0 1 2
Miles

BUDGET MESSAGE

Attachment 2

BUDGET MESSAGE

Members of the Metropolitan Wastewater Management Commission (MWMC), MWMC Customers and Partnering Agencies

It is my pleasure to present the Metropolitan Wastewater Management Commission's (MWMC) budget for fiscal year 2026-27. This budget funds operations, administration, and capital projects planned for the Regional Wastewater Program in the coming year. In compliance with Oregon Budget Law, this budget is balanced, with revenues and expenditures being equal.

Budget Development Process

The MWMC's budget development schedule begins in January, with a budget kick-off to review key outcomes the MWMC Board strives to achieve, with associated performance indicators that measure results of annual workplans over time. In February, staff provides a presentation of the draft Capital Improvement Program (CIP) budget and five-year capital plan and discusses anticipated impacts. The operating budget programs are presented in March, along with user fee rate scenarios to provide an overall look at anticipated revenues and expenditures.

In April, the MWMC Board holds public hearings on the Preliminary Regional Wastewater Program (RWP) Budget and CIP, as well as regional wastewater user rates. In May, the RWP budget is forwarded to Springfield, Eugene and Lane County for their review, input and ratification. The RWP Budget and CIP returns to the MWMC in June for final approval, with budget implementation occurring July 1.

As outlined in the MWMC's intergovernmental agreement, administration and CIP components are reflected in the City of Springfield's RWP budget, while operations, maintenance, equipment replacement, major rehabilitation, and major capital outlay components are reflected in the City of Eugene's RWP budget. Both cities' Industrial Pretreatment Programs are managed locally in compliance with the MWMC Model Ordinance and are also included in the RWP budget.

Fiscal Year 2026-27 Budget

The upcoming fiscal year will present opportunities and challenges for the Regional Wastewater Program. The FY 2026-27 budget is balanced with resources equal to or greater than expenditures. The budget is based on a 7.2% increase over FY 2025-26. Primary drivers of increased expenditures include rising costs associated with utility charges, billing collection, construction activities, and contractual service needs at the Biosolids Management Facility (BMF) for poplar tree harvest. Compliance with meeting obligations in the MWMC's National Pollution Discharge Elimination System (NPDES) Permit continue to cause budgetary pressures, as do aging infrastructure needs associated with aging assets.

User fee revenues are projected at $43.2 million, with additional revenue sources from septage haulers, renewable natural gas sales, Systems Development Charges, property leases and other sources estimated at $7.2 million. Operating expenditures are projected at $29.6 million, while the FY 2026-27 CIP includes approximately $39.4 million dedicated to facilities planning efforts, conveyance system upgrades and plant performance improvements. Another $2.8 million is proposed for equipment replacement, major rehabilitation, and major capital outlay.

Accomplishments

Every year, staff working on behalf of the MWMC demonstrate incredible professionalism and commitment to our community, while providing a vital service that runs 24 hours a day, 365 days a year. Significant accomplishments from this past year include:

- Staff working at the WPCF oversaw the successful treatment of nearly 13 billion gallons of wastewater, ensuring continued protection of our community's public health and safety, as well as that of the local environment and the Willamette River.
- Two foundational intergovernmental agreements that were over 20-years old and which lay the framework for how the MWMC functions as an intergovernmental entity were updated in partnership with the cities of Eugene, Springfield and Lane County.
- Work is nearly complete, and staff expects to complete a new MWMC Facilities Plan prior to FY 26-27. This plan outlines how the MWMC will provide service and meet operational and capital needs for a growing community over the next 20-year period, at a cost of approximately $350 million. Implementing the new Facilities Plan will enable the MWMC to meet increasing environmental requirements, while continuing to protect public health and the Willamette River.
- The MWMC was recognized by the National Association of Clean Water Agencies at their winter conference in Miami, FL with a *National Environmental Achievement Award* for our "One Water Video and Digital Education Campaign". This effort highlighted the interconnectivity of the different water systems in our region, including drinking water, stormwater, wastewater and the natural water cycle, with the key messaging that all water is connected and everyone working with water has the same goal – providing access to safe, clean water for all.

In summary, the FY 2026-27 budget will implement the Board's adopted Financial Plan policies, fund operations and administration sufficiently to maintain service levels, and meet the environmental performance necessary for compliance with the MWMC's NPDES permit.

Development of the RWP budget is a significant effort and would not be possible without the dedicated commitment from staff working on behalf of the MWMC. I would like to thank Jeremy Cleversey, Valerie Warner, Kevin Vanderwall, Troy McAllister, and James McClendon for their contributions in developing the MWMC's FY 26-27 RWP budget.

Respectfully submitted,

Matt Stouder
MWMC Executive Director

PROGRAM OVERVIEW

Attachment 2

REGIONAL WASTEWATER PROGRAM
OVERVIEW

The Metropolitan Wastewater Management Commission

The Metropolitan Wastewater Management Commission (MWMC) was formed by Eugene, Springfield, and Lane County through an intergovernmental agreement (IGA) in 1977 to provide wastewater collection and treatment services for the Eugene-Springfield metropolitan area. The seven-member Board is composed of members appointed by the City Councils of Eugene (3 representatives), Springfield (2 representatives) and the Lane County Board of Commissioners (2 representatives). Since its inception, the Board, in accordance with the IGA, has been responsible for oversight of the Regional Wastewater Program (RWP) including: construction, maintenance, and operation of the regional sewerage facilities; adoption of financing plans; adoption of budgets, user fees and connection fees; adoption of minimum standards for industrial pretreatment and local sewage collection systems; and recommendations for the expansion of regional facilities to meet future community growth. Staffing and services have been provided in various ways over the 49 years of MWMC's existence. Since 1983, the MWMC has contracted with the Cities of Springfield and Eugene for all staffing and services necessary to maintain and support the RWP. Lane County's partnership has involved participation on the Board and authority for wastewater services and support for customers that are served by the MWMC in the Santa Clara unincorporated area.

Regional Wastewater Program Purpose and Key Outcomes

The purpose of the RWP is to protect public health and safety and the environment by providing high quality wastewater management services to the Eugene-Springfield metropolitan area. The MWMC and the regional partners are committed to providing these services in a manner that will achieve, sustain, and promote balance between community, environmental, and economic needs while meeting customer service expectations. Since the mid-1990s, the Board and RWP staff have worked together to identify key outcome areas within which to focus annual work plan and budget priorities. The FY 26-27 RWP work plans and budget reflect a focus on the following key outcomes or goals. In carrying out the daily activities of managing the regional wastewater system, we will strive to achieve and maintain:

1. ***High environmental and safety standards;***
2. ***Fiscal management that is effective and efficient;***
3. ***A successful intergovernmental partnership;***
4. ***Maximum reliability and useful life of regional assets and infrastructure;***
5. ***Public awareness and understanding of MWMC, the regional wastewater system, and MWMC's objectives of maintaining water quality and a sustainable environment.***

The MWMC believes that these outcomes, if achieved in the long term, will demonstrate success of the RWP in carrying out its purpose. In order to help determine whether we are successful, indicators of performance and targets have been identified for each key outcome. Tracking performance relative to identified targets over time assists in managing the RWP to achieve desired results. The following indicators and performance targets provide an important framework for the development of the FY 26-27 RWP Operating Budget, Capital Improvements Program, and associated work plans.

Outcome 1: ***Achieve and maintain high environmental indicators while prioritizing staff safety.***

Indicators:	Performance:		
	FY 24-25 Actual	FY 25-26 Estimated Actual	FY 26-27 Target
• Optimize RNG Runtime Performance	62% Runtime	60% Runtime	70% Runtime *contract with expert
• Optimize heat-loop efficiency	Completed heat-loop optimization study	Evaluate and consider study recommendations	Implement Study Recommendations
• Exceed the average removal efficiency of carbonaceous biochemical oxygen demand (CBOD) and total suspended solids (TSS) (permit limit 85%)	Achieved 97%	Achieved 97%	Achieve >95%
• Produce high quality biosolids (pollutant concentrations less than 50% of EPA exceptional quality criteria)	Arsenic 24% Cadmium 6.8% Copper 34% Lead 9.8% Mercury 5.6% Nickel 4.8% Selenium 11% Zinc 38%	Arsenic 25% Cadmium 20% Copper 35% Lead 20% Mercury 10% Nickel 10% Selenium 20% Zinc 40%	Arsenic <50% Cadmium <50% Copper <50% Lead <50% Mercury <50% Nickel <50% Selenium <50% Zinc <50%
• Achieve ongoing third party certification of the ISO14001 Environmental Management System – Continual Improvement of Environmental Performance requirements	All objectives were met and no major non-conformities; Conducted a Heat Loop Optimization Study	All objectives met with no major non-conformities	All objectives met with no major non-conformities
• Maintain a Lost Time Injury Rate (LTIR) below 2.1, which is the industry average as reported by the Bureau of Labor Statistics	2.09	2.06	<2.1

Outcome 2: ***Achieve and maintain fiscal management that is effective and efficient.***

Indicators:	Performance:		
	FY 24-25 Actual	FY 25-26 Estimated Actual	FY 26-27 Target
• Align annual budget and rates with the MWMC Financial Plan	Policies were met	Policies met	Evaluate rate model cost allocations
• Achieve clean annual audited financial statements	Clean audit	Clean audit	Clean audit
• Maintain robust uninsured bond rating	AA	AA	AA
• Operating reserves funding at target levels	Yes	Yes	Yes
• Update MWMC Financial Plan	Yes	Update completed	Policies met
• Ensure rates and rate changes are planned, moderate and incremental	5.5% Increase	5.5% Increase	<=6% Increase
• Pursue Grant opportunities aligned with MWMC funding needs	Secured CWSRF Forgivable Loan and WaterSMART Grant	Awarded Grant Agreements for recycled water (declined) Submitted for ODOT grant (not funded)	Identify at least 1 MWMC aligned grant for submittal

Outcome 3: ***Achieve and maintain a successful intergovernmental partnership.***

Indicators:	Performance:		
	FY 24-25 Actual	FY 25-26 Estimated Actual	FY 26-27 Target
• Update MWMC Facilities Plan (Project P80101)	Project P80101 work began	Draft Facilities Plan and associated work products	Final Facilities Plan deliverables complete
• Maintain Intergovernmental Agreements that are current and conform to overarching federal, state and local laws	Initiate updates to the MWMC's IGA & OM&A	IGA & OM&A updates adopted by Governing Bodies	Complete update to the MWMC's Bylaws
• Conduct a partnership assessment	Scope assessment tool options; present concepts/options for Board consideration; Create RFP and select consultant	Begin data collection; report first round results to Board	Begin implementation of approved recommendations as next steps
• Present jointly regarding the MWMC partnership, services and outcomes	Three presentations delivered by staff	Four presentations delivered by staff	Two presentations delivered by staff

Outcome 4: ***Maximize reliability and useful life of regional assets and infrastructure.***

Indicators:	Performance:		
	FY 24-25 Actual	FY 25-26 Estimated Actual	FY 26-27 Target
• Complete preventive maintenance on time (best practices benchmark is 90%)	96% (Completed 7,797 PMs)	94%	90%
• Benchmark preventive maintenance to the corrective maintenance ratio (4:1-6:1)	5.3:1 (Completed 7,874 PMs: 1,483 CMs)	5.7:1	5:1
• Execute required emergency maintenance (best practices benchmark is less than 2% of labor hours)	0.4% (Completed 111 hours of 30,285 hrs)	0.8%	< 2%
• Improve asset management practices employed	Completed condition assessment of facility structures and piping	Include improvements in Facility Plan projects	Continue to implement improvements
	Completed cybersecurity assessment of control systems	Implement cybersecurity improvements	Reassess cybersecurity vulnerability

Outcome 5: ***Achieve and maintain public awareness and understanding of MWMC, the regional wastewater system, and MWMC's objectives of maintaining water quality and a sustainable environment.***

Indicators:	Performance:		
	FY 24-25 Actual	FY 25-26 Estimated Actual	FY 26-27 Target
• Advance the Communications Plan	Updated Plan to 2025	Began implementing 2025 Plan	Continue implementing 2025 Plan
• Promote MWMC's social media channels & website	Facebook followers to 1,500, X to 225, and Instagram to 1,200; website visitors to 11,000 with 15,000 pageviews	Facebook followers to 1,600, "X" to 250, and Instagram to 1400; website visitors to 12,000 with 16,000 pageviews	Facebook followers to 1,700, "X" to 275, and Instagram to 1,500; maintain website visitors at 12,000 with 16,000 pageviews
• Create and distribute MWMC e-newsletters	Distributed monthly; increased distribution to 750 subscribers with an open rate of 40% and a click-through rate of 3.25%	Distribute monthly; increase distribution to 800 subscribers with an open rate of 43% and a click-through rate of 6%	Distribute monthly; increase distribution to 850 subscribers with an open rate of 45% and a click-through rate of 8%
• Advance Pollution Prevention Campaigns (including Mercury Minimization Outreach) & Sponsorships	Completed 2 campaigns, 5 sponsorships, reaching +40% of residents in the service area	Complete 2 campaigns, 5 sponsorships, reaching +50% of residents in the service area	Complete 2 campaigns, 5 sponsorships, reaching +60% of residents in the service area
• Promote Clean Water University	Reached >35% of 5th Graders in the service area	Reach >35% of 5th Graders in the service area	Reach >40% of 5th Graders in the service area

Roles and Responsibilities

In order to effectively oversee and manage the RWP, the partner agencies provide all staffing and services to the MWMC. The following sections describe the roles and responsibilities of each of the partner agencies, and how intergovernmental coordination occurs on behalf of the MWMC.

City of Eugene

The City of Eugene supports the RWP through representation on the Board, provision of operation and maintenance services, and active participation on interagency project teams and committees. Three of the seven MWMC Board members represent Eugene – two citizens and one City Councilor. Pursuant to the Intergovernmental Agreement (IGA), the Eugene Wastewater Division operates and maintains the Regional Water Pollution Control Facility (WPCF), the Biosolids Management Facility (BMF) and associated residuals and reclaimed water activities, along with regional wastewater pumping stations and transmission sewers. In support of the RWP, the Division also provides technical services for wastewater treatment; management of equipment replacement and infrastructure rehabilitation; biosolids treatment and recycling; industrial source control (in conjunction with Springfield staff); and regional laboratory services for wastewater and water quality analyses. These services are provided under contract with the MWMC through the regional funding of 85.16 full-time equivalent (FTE) employees in FY26-27.

City of Springfield

The City of Springfield supports the RWP through representation on the Board, provision of MWMC administration services, and active coordination of and participation on interagency project teams and committees. Two MWMC Board members represent Springfield – one citizen and one City Councilor. Pursuant to the IGA, the Springfield Development and Public Works Department, provides staff to serve as the MWMC Executive Director / General Manager, respectively. The Environmental Services Division and Finance Department staff provide ongoing staff support to the Board and administration of the RWP in the following areas: legal and risk management services; financial management and accounting; coordination and management of public policy; regulatory and permit compliance issues; coordination between the Board and the governing bodies; long-range capital project planning, design, and construction management; coordination of public information, education, and citizen involvement programs; and coordination and development of regional budgets, rate proposals, and revenue projections. Springfield staff also provides local implementation of the Industrial Pretreatment Program, as well as billing coordination and customer service. These services are provided under contract with the MWMC through the regional funding of 17.95 FTE of Development and Public Works Department staff and .88 FTE of Finance Department staff, and .03 FTE of City Manager's Office for a total 18.86 FTE.

Lane County

Lane County supports the RWP through representation on the Board, including two Board members that represent Lane County – one citizen and one County Commissioner. Lane County's partnership initially included providing support to manage the proceeds and repayment of the RWP general obligation bonds to finance the local share of the RWP facilities construction. These bonds were paid in full in 2002. The County, while not presently providing sewerage, has the authority under its charter to do so. The Urban Growth Boundary includes the two Cities (urban lands) and certain unincorporated areas surrounding the Cities which lies entirely within the County. Federal funding policy requires sewage treatment and disposal within the Urban Growth Boundary to be provided on a unified, metropolitan basis.

Interagency Coordination

The effectiveness of the MWMC and the RWP depends on extensive coordination, especially between Springfield and Eugene staff, who provide ongoing program support. This coordination occurs in several ways. The Springfield MWMC Executive Director / MWMC General Manager, together with the Eugene Wastewater Division Director coordinate regularly to ensure adequate communication and consistent implementation of policies and practices as appropriate. The Eugene and Springfield Industrial Pretreatment Program supervisors and staff meet regularly to ensure consistent implementation of the Model Industrial Pretreatment Ordinance. In addition, interagency project teams provide input on and coordination of ongoing MWMC administration issues and ad hoc project needs.

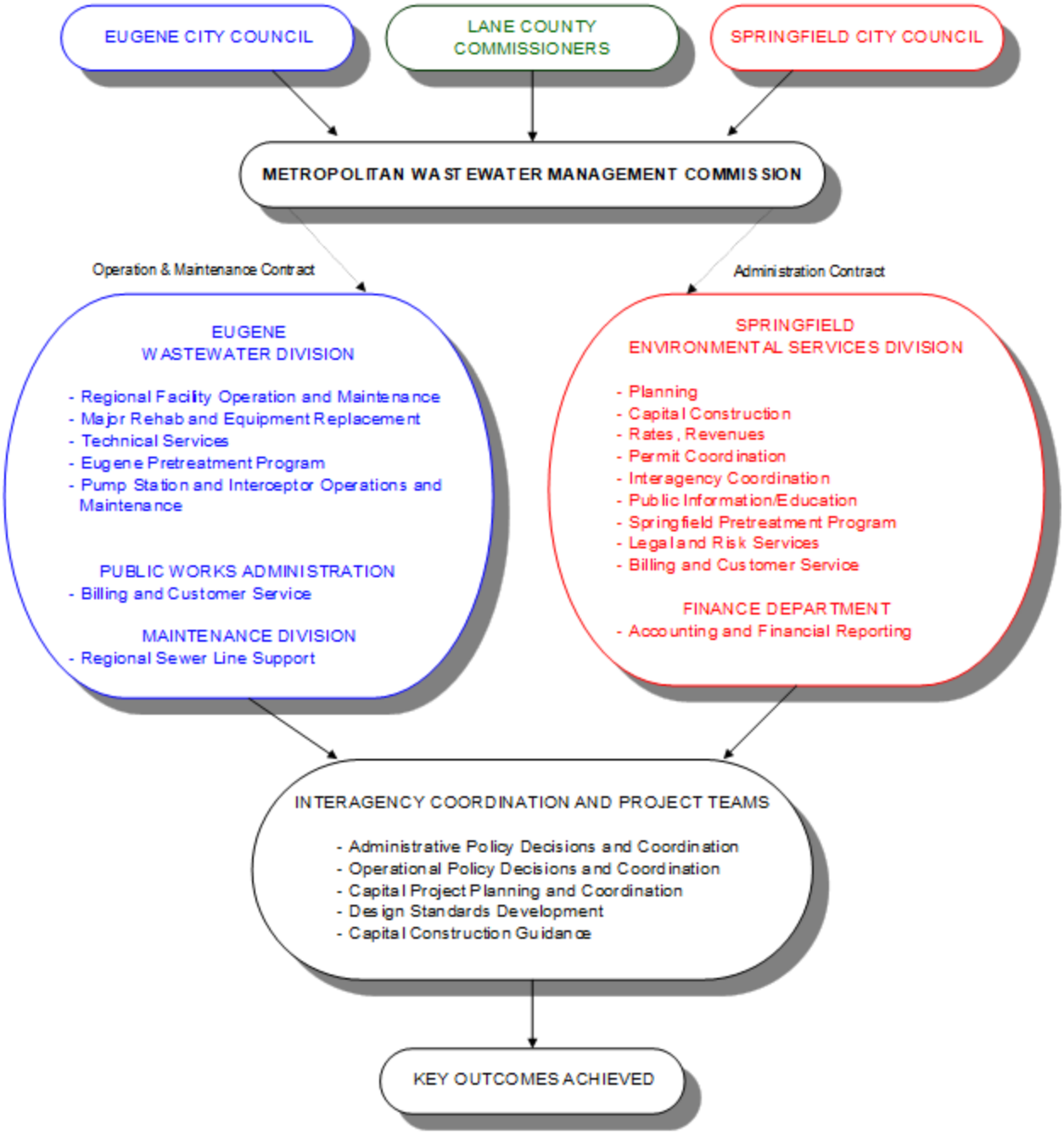
Exhibit 1 on the following page reflects the interagency coordination structure supporting the RWP. Special project teams are typically formed to manage large projects such as design and construction of new facilities. These interagency staff teams are formulated to provide appropriate expertise, operational knowledge, project management, and intergovernmental representation.

Relationship to Eugene and Springfield Local Sewer Programs

The RWP addresses only part of the overall wastewater collection and treatment facilities that serve the Eugene-Springfield metropolitan area. The Cities of Eugene and Springfield both maintain sewer programs that provide for construction and maintenance of local collection systems and pump stations, which discharge to the regional system. Sewer user fees collected by the two Cities include both local and RWP rate components.

EXHIBIT 1

REGIONAL WASTEWATER PROGRAM
INTERAGENCY COORDINATION STRUCTURE



Attachment 2

BUDGET SUMMARY

Attachment 2

REGIONAL WASTEWATER PROGRAM
FY 26-27 BUDGET

The MWMC's RWP Operating Budget provides the Commission and governing bodies with an integrated view of the RWP elements. Exhibit 2 provides a summary of the overall Operating Budget. Separate Springfield and Eugene agency budgets and staffing also are presented within this budget document. Major program areas supported by Springfield and Eugene are described in the pages that follow and are summarized in Exhibit 3 on page 16. Finally, Exhibit 4 on page 17 combines revenues, expenditures, and reserves to illustrate how funding for all aspects of the RWP is provided. It should also be noted that the "Amended Budget FY 25-26" column in all budget tables represents the updated FY 25-26 RWP budget as of February 8, 2026, which reconciled actual beginning balances at July 1, 2025, and approved budget transfers and supplemental requests.

EXHIBIT 2

REGIONAL OPERATING BUDGET SUMMARY
INCLUDING RESERVE CONTRIBUTIONS

	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE **(1)** INCR/(DECR)	
Full-Time Equivalent Staffing Level	103.27	103.27	104.02	0.75	0.7%
Personnel Services **(2)**	$15,267,616	$15,267,616	$16,639,400	$1,371,784	9.0%
Materials & Services **(2)**	12,130,709	12,268,562	12,961,391	830,682	6.8%
Capital Outlay **(2, 3)**	201,000	830,420	-	(201,000)	NA
Equip Replacement Contributions **(4)**	1,350,000	1,350,000	-	(1,350,000)	NA
Capital Contributions **(5)**	13,000,000	13,000,000	13,000,000	-	0%
Debt Service **(6)**	4,104,250	4,104,250	713,770	(3,390,480)	-82.6%
Working Capital Reserve **(7)**	900,000	900,000	700,000	(200,000)	-22%
Rate Stability Reserve **(8)**	2,000,000	2,000,000		-	0%
Contingency Reserve **(8)**			2,000,000		
Insurance Reserve **(9)**	1,500,000	1,500,000	1,500,000	-	0%
Operating Reserve **(10)**	5,302,501	2,618,019	4,958,982	(343,519)	-6.5%
Bond Rate Stabilization Reserve **(11)**	2,000,000	2,000,000	2,000,000	-	0%
SRF Loan Reserve **(12)**	50,000	50,000	50,000	-	0%
Budget Summary	**$57,806,076**	**$56,548,293**	**$54,523,543**	**($3,282,533)**	**-5.7%**

Notes:

1. The Change column and Percent Change column compares the Proposed FY 26-27 Budget with the originally Adopted FY 25-26 Budget column.
2. Personnel Services, Materials and Services, and Capital Outlay budget amounts represent combined Springfield and Eugene Operating Budgets that support the RWP.
3. Capital Outlay does not include CIP, Equipment Replacement, Major Capital Outlay, or Major Rehabilitation, which are capital programs.

4. The Equipment Replacement Contribution is a budgeted transfer of operating revenues to reserves for scheduled future equipment replacement, including all fleet equipment and other equipment, with an original cost over $10,000, and with a useful life expectancy greater than one year. See table on page 23 for year-end balance.
5. The Capital Reserve Contribution is a budgeted transfer of operating revenues to reserves. Capital is passed through the Springfield Administration Budget. See table on page 24 for year-end balance.
6. The Debt Service line item is the sum of annual interest and principal payments on the Revenue Bonds and Clean Water State Revolving Fund (SRF) loans made from the Operating Budget (derived from user rates). The total amount of Debt Service budgeted in FY 26-27 is $713,770.
7. The Working Capital Reserve acts as a revolving account which is drawn down and replenished on a monthly basis to fund Eugene's and Springfield's cash flow needs.
8. The Rate Stability Reserve has been used to set aside revenues available at year-end after the budgeted Operating Reserve target is met. Internal policy has established a level of $2 million for the Rate Stability Reserve. This reserve is being renamed to the Contingency Reserve for the FY 26-27 Proposed Budget due to the Contingency Reserve offering additional flexibility to address Supplemental Budget needs. See Exhibit 5 on page 22 for year-end balance.
9. The Insurance Reserve was established to set aside funds to cover the insurance deductible amount for property and liability insurance coverage, for losses per occurrence. The Insurance Reserve is set at $1.5 million.
10. The Operating Reserve is used to account for the accumulated operating revenues net of operations expenditures. The Commission's adopted policy provides minimum guidelines to establish the Operating Reserve balance at approximately two months operating expenses of the adopted Operating Budget.
11. The Bond Rate Stabilization Reserve contains funds to be used at any point in the future when net revenues are insufficient to meet the bond covenant coverage requirements. The Commission shall maintain the Bond Rate Stabilization Reserve account of $2 million will be retired in October 2026 when the 2016 bond is paid off.
12. The Clean Water SRF loan reserve is budgeted as required per loan agreements.

EXHIBIT 3

REGIONAL WASTEWATER PROGRAM OPERATING BUDGET
LINE ITEM SUMMARY BY PROGRAM AREA

	ACTUALS FY 24-25	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE INCR/(DECR)	
SPRINGFIELD						
MWMC ADMINISTRATION						
Personnel Services	$1,976,102	$2,462,616	$2,462,616	$2,492,829	$30,213	1.2%
Materials & Services	2,528,246	2,975,098	3,062,951	3,467,324	492,226	16.5%
Capital Outlay	-	50,000	50,000	-	(50,000)	N/A
TOTAL	**$4,504,348**	**$5,487,714**	**$5,575,566**	**$5,960,153**	**$472,439**	**8.6%**
INDUSTRIAL PRETREATMENT						
Personnel Services	$412,397	$501,535	$501,535	$503,821	$2,286	0.5%
Materials & Services	153,929	188,410	238,410	176,905	(11,505)	-6.1%
Capital Outlay	-	28,000	28,000	-	(28,000)	N/A
TOTAL	**$566,326**	**$717,945**	**$767,945**	**$680,726**	**($37,219)**	**-5.2%**
ACCOUNTING						
Personnel Services	$144,096	$153,830	$153,830	$162,070	$8,240	5.4%
Materials & Services	39,135	52,209	52,209	46,262	(5,947)	-11.4%
Capital Outlay	-	3,000	3,000	-	(3,000)	N/A
TOTAL	**$183,231**	**$209,039**	**$209,039**	**$208,332**	**($707)**	**-0.3%**
TOTAL SPRINGFIELD						
Personnel Services	$2,532,595	$3,117,981	$3,117,981	$3,158,720	$40,739	1.3%
Materials & Services	2,721,310	3,215,717	3,353,570	3,690,491	474,683	14.8%
Capital Outlay	-	81,000	81,000	-	(81,000)	N/A
TOTAL	**$5,253,905**	**$6,414,698**	**$6,552,551**	**$6,849,211**	**$434,422**	**6.8%**
EUGENE						
ADMINISTRATIVE SERVICES						
Personnel Services	$2,868,534	$2,925,710	$2,925,710	$2,972,002	$46,292	1.6%
Materials & Services	1,135,274	1,169,578	1,169,578	1,191,006	21,428	1.8%
TOTAL	**$4,003,808**	**$4,095,288**	**$4,095,288**	**$4,163,008**	**$67,720**	**1.7%**
BENEFICIAL REUSE SITE						
Personnel Services	$368,698	$376,047	$376,047	$381,997	$5,950	1.6%
Materials & Services	113,228	116,649	116,649	118,786	2,137	1.8%
TOTAL	**$481,926**	**$492,696**	**$492,696**	**$500,783**	**$8,087**	**1.6%**
BIOCYCLE FARM						
Personnel Services	$344,957	$0	$0	$423,345	$423,345	N/A
Materials & Services	367,764	-	0	1,312,199	1,312,199	N/A
TOTAL	**$712,721**	**$0**	**$0**	**$1,735,544**	**$1,735,544**	**N/A**
BIOSOLIDS MANAGEMENT						
Personnel Services	$1,255,558	$1,652,841	$1,652,841	$1,678,993	$26,152	1.6%
Materials & Services	1,113,489	1,496,803	1,856,803	1,524,227	27,424	1.8%
TOTAL	**$2,369,047**	**$3,149,644**	**$3,509,644**	**$3,203,220**	**$53,576**	**1.7%**
EWEB ADMINISTRATION						
Materials & Services	844,662	946,180	946,180	-	(946,180)	N/A
TOTAL	**$844,662**	**$946,180**	**$946,180**	**$0**	**($946,180)**	**N/A**
INDUSTRIAL PRETREATMENT						
Personnel Services	$765,553	$780,812	$780,812	$793,166	$12,354	1.6%
Materials & Services	252,522	260,152	260,152	264,918	4,766	1.8%
TOTAL	**$1,018,075**	**$1,040,964**	**$1,040,964**	**$1,058,084**	**$17,120**	**1.6%**
REGIONAL PUMP STATIONS						
Personnel Services	$324,380	$330,846	$330,846	$336,081	$5,235	1.6%
Materials & Services	367,337	378,437	378,437	385,371	6,934	1.8%
TOTAL	**$691,718**	**$709,283**	**$709,283**	**$721,452**	**$12,169**	**1.7%**
RENEWABLE NATURAL GAS						
Personnel Services	$137,089	$0	$0	$168,132	$168,132	N/A
Materials & Services	389,938	-	0	392,565	392,565	N/A
TOTAL	**$527,027**	**$0**	**$0**	**$560,697**	**$560,697**	**N/A**
TREATMENT PLANT						
Personnel Services	$5,793,562	$6,083,379	$6,083,379	$6,726,964	$643,585	10.6%
Materials & Services	4,011,934	4,547,193	4,846,619	4,081,828	(465,365)	-10.2%
Capital Outlay	613,197	120,000	749,420	-	(120,000)	N/A
TOTAL	**$10,418,693**	**$10,750,572**	**$11,679,418**	**$10,808,792**	**$58,220**	**0.5%**
TOTAL EUGENE						
Personnel Services	$11,858,332	$12,149,635	$12,149,635	$13,480,680	$1,331,045	11.0%
Materials & Services	8,596,149	8,914,992	9,574,418	9,270,900	355,908	4.0%
Capital Outlay	613,197	120,000	749,420	-	(120,000)	N/A
TOTAL	**$21,067,678**	**$21,184,627**	**$22,473,473**	**$22,751,580**	**$1,566,953**	**7.4%**
TOTAL REGIONAL BUDGET	**$26,321,583**	**$27,599,325**	**$29,026,024**	**$29,600,791**	**$2,001,466**	**7.3%**

NOTE: Does not include Major Rehabilitation, Equipment Replacement or Major Capital Outlay

EXHIBIT 4

REGIONAL WASTEWATER PROGRAM
BUDGET SUMMARY AND COMPARISON

	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE* INC(DECR)
OPERATING BUDGET				
Administration	$6,414,698	$6,552,551	$6,849,211	$434,513
Operations	21,184,627	22,473,473	22,751,580	1,566,953
Capital Contribution & Transfers	13,000,000	13,000,000	13,000,000	0
Equipment Replacement - Contribution	1,350,000	1,350,000	0	(1,350,000)
Operating & Revenue Bond Reserve	11,752,501	9,068,019	11,208,982	(543,519)
Debt Service	4,104,250	4,104,250	713,770	(3,390,480)
Total Operating Budget	**$57,806,076**	**$56,548,293**	**$54,523,543**	**($3,282,533)**
Funding:				
Beginning Balance	$11,197,488	$7,585,871	$7,919,479	($3,278,009)
User Fees & Septage	43,398,656	45,752,490	44,105,000	706,344
Other	3,209,932	3,209,932	2,578,123	(631,809)
Total Operating Budget Funding	**$57,806,076**	**$56,548,293**	**$54,602,602**	**($3,203,474)**
CAPITAL PROGRAM BUDGET				
Glenwood Pump Station Upgrades	1,700,000	1,755,682	600,000	(1,100,000)
Waste Activated Sludge Thicken	6,250,000	6,500,000	-	(6,250,000)
Poplar Harvest Mgmt Services	-	-	-	-
Increase Digestion Capacity	-	-	-	-
Operations Maint Building Improvement	-	-	-	-
Facilty Pln Eng Srvc 2015-2018	-	-	-	-
Decommission WPCF Onste Lagoon	-	-	-	-
Renewable Natural Gas Upgrades	-	-	-	-
Resiliency Planning	-	-	-	-
Class A Disinfection Facilitie	8,800,000	600,000	-	(8,800,000)
Recycled Water Demonstration	235,000	262,169	-	(235,000)
Aeration Basin Imporvemnts-Phase 2	-	-	-	-
Comprehensive Facilities Plan	300,000	702,024	-	(300,000)
Tertiary Filtration - Phase 2	-	-	-	-
Admin Building Improvements	16,800,000	21,046,529	3,000,000	(13,800,000)
Resiliency Follow-up	500,000	678,080	2,000,000	1,500,000
Facility Plan Engineering Services	300,000	600,000	300,000	-
WCPF Stormwater Infrastructure	540,000	600,000	480,000	(60,000)
Water Quality Trading Program	9,300,000	9,843,109	2,100,000	(7,200,000)
Aeration Basin Upgrade 2023-26	35,300,000	36,202,723	13,000,000	(22,300,000)
Switchgear Transformer Replace	14,900,000	15,375,786	7,400,000	(7,500,000)
Owosso Bridge Upgrades	-	-	1,100,000	1,100,000
Repair Clarifiers Final Treatment	3,500,000	3,733,026	3,600,000	100,000
WPCF Boiler Upgrades	-	450,000	1,000,000	1,000,000
Biosolids Improvements Study	-	350,000	3,500,000	3,500,000
WPCF Storage	-	-	900,000	900,000
WPCF Thickening Upgrades	-	-	450,000	450,000
Asset Management Expense:				
Equipment Replacement Purchases	1,225,000	2,111,479	619,000	(606,000)
Major Rehab	1,030,000	1,445,775	1,230,000	200,000
Major Capital Outlay	-	207,730	980,000	980,000
Total Capital Projects	**100,680,000**	**102,464,112**	**$ 42,259,000**	**($58,421,000)**
Asset Management Funding:				
Equipment Replacement	1,225,000	2,111,479	619,000	(606,000)
SDC Improvement Reserve	6,530,135	5,484,091	847,200	(5,682,935)
SDC Reimbursment Reserve	-	-	3,000,000	3,000,000
Capital Reserve	92,924,865	94,868,542	37,792,800	(55,132,065)
Total Capital Projects Funding	**$100,680,000**	**102,464,112**	**$ 42,259,000**	**($58,421,000)**

Note: * The Change compares the proposed FY 26-27 budget to the originally adopted FY 25-26 budget column.

BUDGET AND RATE HISTORY

The graphs on page 19 show the regional residential wastewater service costs over a 5-year period, and a 5-year Regional Operating Budget Comparison. Because the Equipment Replacement, Major Infrastructure Rehabilitation and Major Capital Outlay programs are managed in the Eugene Operating Budget, based on the size, type and budget amount of the project these programs are incorporated into either the 5-year Regional Operating Budget Comparison graph or the 5-Year Capital Programs graph on page 19. The Regional Wastewater Capital Improvement Programs graph on page 20 shows the expenditures over the recent five years in the MWMC's Capital Program and including Asset Management projects. A list of capital projects is located in Exhibit 13 on page 52.

As shown on the Regional Residential Sewer Rate graph on page 19, regional sewer user charges have incrementally increased to meet the revenue requirements necessary to fund facility improvements as identified in the 2004 MWMC Facilities Plan. This Plan and the subsequent 2014 Partial Facilities Plan Update demonstrated the need for a significant capital investment in new and expanded facilities to meet environmental performance requirements and capacity to serve the community.

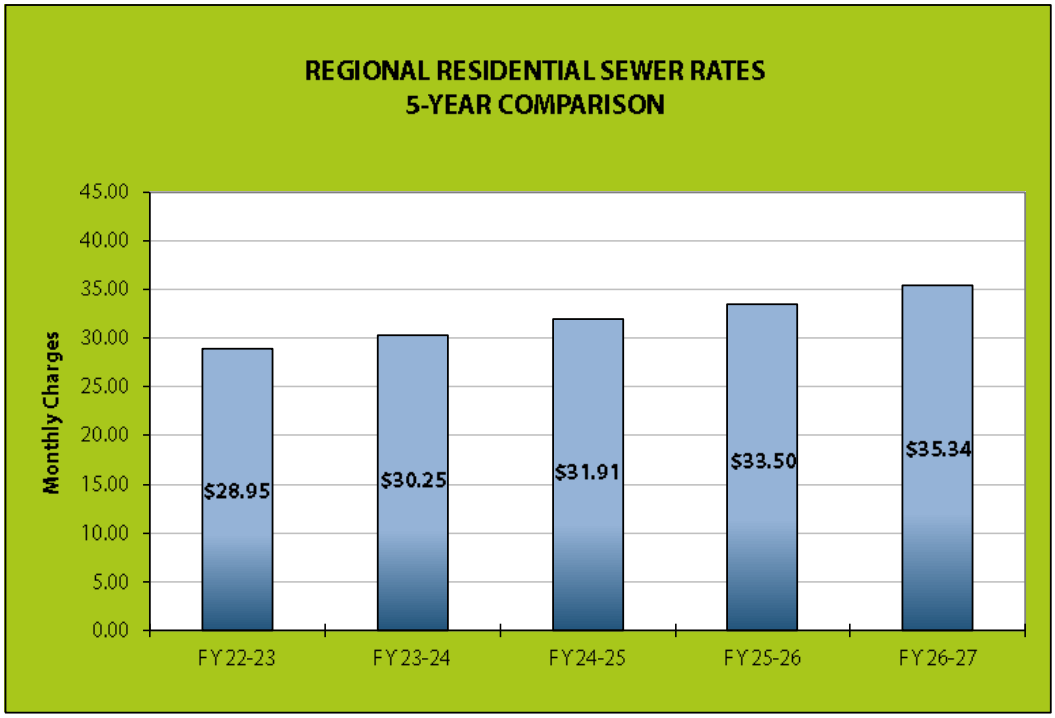
On November 1, 2022, the Department of Environmental Quality (DEQ) issued a National Pollutant Discharge Elimination System Permit (NPDES). Although a portion of these capital improvements can be funded through system development charges (SDCs), much of the funding for capital improvements over the approximately 5-year period will come from user charges. This has become a major driver of the MWMC's need to increase sewer user rates, moderately and incremental on an annual basis.

The National Association of Clean Water Agency (NACWA) publishes an annual Cost of Clean Water Index, which indicates the national average charges for wastewater services. The index includes average wastewater charges by Environmental Protection Agency (EPA) regions. Of the EPA regions, Region 10, which includes Oregon, Washington, Idaho and Alaska, reflects the second highest wastewater expenses nationwide, based on demographics, geography, regulatory requirements, and a range of other issues. Within Region 10, the annual change in the cost of clean water index reflected a 4.86% average increase over the past 5 years.

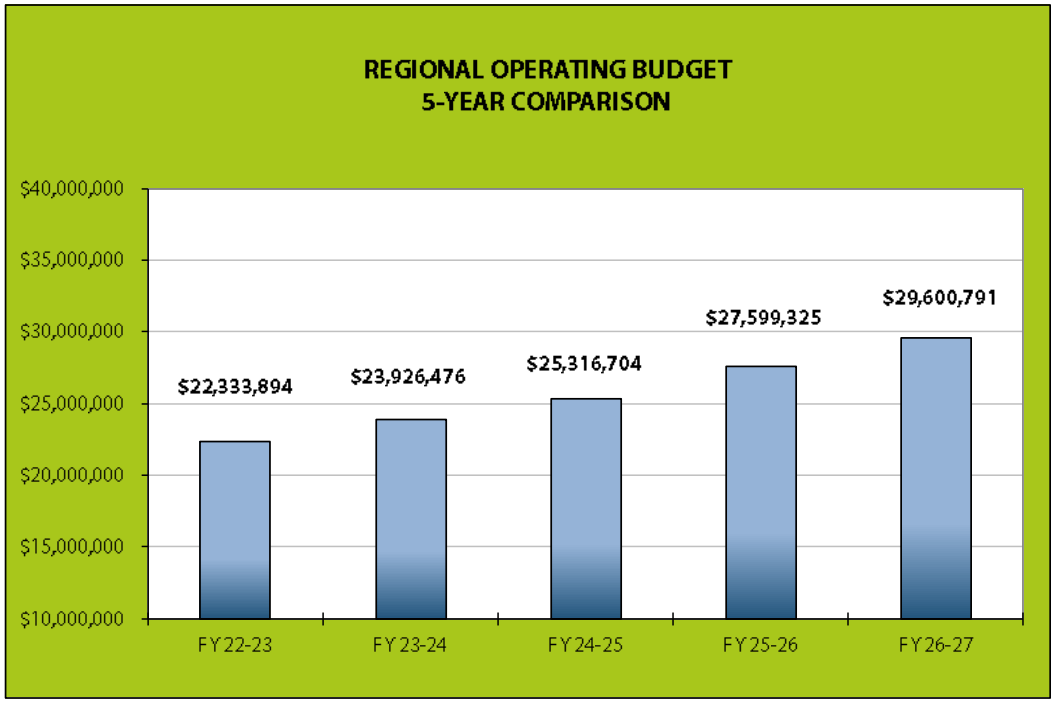
In FY 25-26 the MWMC regional user rates increased by 5% over the prior year rates. The FY 26-27 Budget is based on a 5.5% user rate increase over the FY 25-26 rates. This increase will provide for Operations, Administration, Capital programs, reserves and debt service, continuing to meet capital and operating requirements and supporting the Commission's Financial Plan policies, as well as financially positioning for future investments in capital assets.

The following chart displays the regional component of a residential monthly bill when applying the base and flow rates to 5,000 gallons of wastewater treated, which includes a 5.5% or about $1.84 increase effective July 1, 2026.

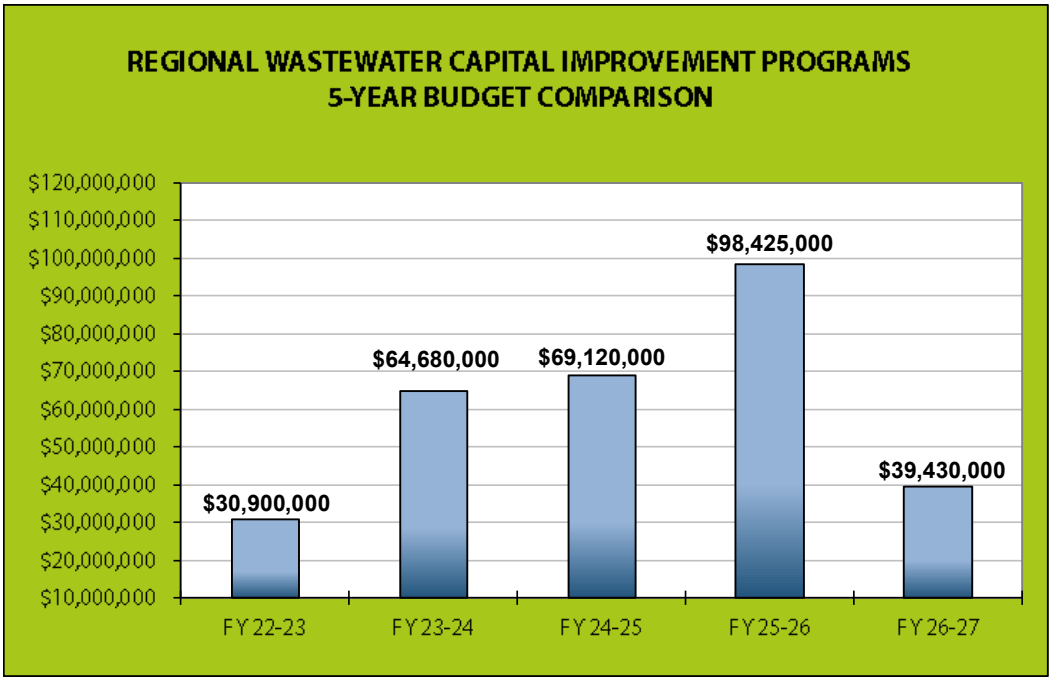
The graph below displays the regional component of a residential monthly bill, when applied to 5,000 gallons of wastewater treated for the recent 5-year period.



The graph below displays the Regional Operating Budget amounts for the recent 5-year period.



The graph below displays the Regional Wastewater Capital Improvement Program Budget amounts for the recent 5-year period.



Attachment 2

RESERVE FUNDS

Attachment 2

REGIONAL WASTEWATER PROGRAM
RESERVES

The RWP maintains reserve funds for the dedicated purpose to sustain stable rates while fully funding operating and capital needs. Commission policies and guidance, which direct the amount of reserves appropriated on an annual basis, are found in the MWMC Financial Plan. Further details on the FY 26-27 reserves are provided below.

OPERATING RESERVES

The MWMC Operating Budget includes six separate reserves: the Working Capital Reserve, Contingency Reserve (historically called the Rate Stability Reserve), Bond Rate Stabilization Reserve, State Revolving Fund (SRF) Reserve, Insurance Reserve and the Operating Reserve. Revenues are appropriated across the reserves in accordance with Commission policy and expenditure needs. Each reserve is explained in detail below.

WORKING CAPITAL RESERVE

The Working Capital Reserve acts as a revolving account that is drawn down and replenished on a monthly basis to provide funds for payment of Springfield Administration and Eugene Operations costs prior to the receipt of user fees from the Springfield Utility Board and Eugene Water and Electric Board. The Working Capital Reserve is set at $700,000 for FY 26-27. Springfield Finance granted permission to close out the $200,000 for the Springfield portion of the Working Capital Reserve.

CONTINGENCY RESERVE (RATE STABILITY RESERVE)

The Rate Stability Reserve was established to implement the Commission's objective of maintaining stable rates. It is intended to hold revenues in excess of the current year's operating and capital requirements for use in future years, in order to avoid potential rate spikes. The amount budgeted on an annual basis has been set at $2 million, with any additional net revenues being transferred to the capital reserve for future projects. This reserve is being renamed to the Contingency Reserve for the FY 26-27 Proposed Budget due to the Contingency Reserve offering additional flexibility to address Supplemental Budget needs.

BOND RATE STABILIZATION RESERVE

The Bond Rate Stabilization Reserve contains funds to be used at any point in the future when net revenues are insufficient to meet the bond covenant coverage requirement. The Commission shall maintain the Bond Rate Stabilization account as long as bonds are outstanding. In FY 26-27 no additional contribution to this reserve is budgeted and the balance at June 30, 2026, will remain at $2 million.

CLEAN WATER STATE REVOLVING FUND (SRF) RESERVE

The Clean Water SRF Reserve was established to meet revenue coverage requirements for SRF loans. The SRF Reserve is set at $50,000 for FY 26-27.

INSURANCE RESERVE

The Insurance Reserve was established to set aside funds to cover the insurance deductible amount for property and liability insurance coverage, for losses per occurrence. The Insurance Reserve is set at $1.5 million for FY 26-27.

OPERATING RESERVE

The Operating Reserve is used to account for accumulated operating revenues net of operating expenditures (including other reserves). The Commission's adopted policy provides guidelines to establish the Operating Reserve at a minimum target of two months expenses. For FY 26-27, the Operating Reserve is budgeted at $4,958,982, which includes approximately two months of total Personnel Services, Materials and Services, and Capital Outlay in accordance with Commission policy.

EXHIBIT 5

OPERATING FUND	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27
Resources			
Beginning Balance	$ 11,197,488	$ 7,585,871	7,838,507
User Fee Revenue	42,651,000	45,004,834	43,200,000
Septage Revenue	747,656	747,656	905,000
Other Revenue	1,248,772	1,248,772	1,201,156
Interest	330,000	330,000	335,000
RNG & RINS Credits Revenue	1,604,502	1,604,502	1,015,000
Transfer from Reimbursement SDCs	26,658	26,658	28,880
Transfer from Bond Capital			
Requirements			
Personnel Services	15,267,616	15,267,616	16,639,400
Materials & Services	12,211,709	12,927,988	12,961,391
Capital Outlay	120,000	830,420	-
Interfund Transfers	14,350,000	14,350,000	13,000,000
Debt Service - SRF Loan	102,250	102,250	101,760
Debt Service - 2016 Revenue Bond	4,002,000	4,002,000	612,010
Working Capital	900,000	900,000	700,000
Insurance Reserve	1,500,000	1,500,000	1,500,000
SRF Loan Reserve	50,000	50,000	50,000
Contingency, formerly Rate Stability Reserve	2,000,000	2,000,000	2,000,000
Bond Rate Stabilization Reserve	2,000,000	2,000,000	2,000,000
Operating Reserve	5,302,501	2,618,019	4,958,982

CAPITAL RESERVES

The MWMC Capital Budget includes four reserves: the Equipment Replacement Reserve, SDC Reimbursement Reserves, SDC Improvement Reserves, and the Capital Reserve. These reserves accumulate revenue to help fund capital projects including equipment replacement and major rehabilitation. They are funded by annual contributions from user rates, SDCs, and loans. Each reserve is explained in detail below.

ASSET MANAGEMENT RESERVE

The Equipment Replacement Reserve is being renamed as the Asset Management Reserve and accumulates replacement funding for the following types of equipment: 1) major/stationary equipment items with an original cost over $10,000, or federal grant threshold , whichever is greater with life expectancy greater than one year; 2) fleet vehicles maintained by the Eugene Wastewater Division; 3) computer servers that serve the Eugene Wastewater Division; and 4) Major Rehabilitation work. There will be no contributions to the Asset Management Reserve in the FY 26-27 year, additional budget details are provided below.

The Asset Management Reserve is intended to accumulate funds necessary to provide for the timely replacement or rehabilitation of equipment, and may also be borrowed against to provide short-term financing of capital improvements. An annual analysis is performed on the Asset Management Reserve. Estimates used in the analysis include replacement costs, and projected useful lives for the equipment. A new methodology for calculating the Asset Management Reserve was developed for the FY 26-27 budget that accounts for procurement delay tolerance as well as a five-year weighted distribution.

ASSET MANAGEMENT RESERVE	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27
Beginning Balance	$14,695,938	$14,885,148	$14,678,052
Annual Equipment Contribution	1,350,000	1,350,000	-
Interest	601,085	601,085	550,817
Equipment Purchases	(1,225,000)	(2,111,479)	(619,000)
Funding For Major Rehabilitation			(1,230,000)
Equipment Replacement Reserve	**$15,422,023**	**$14,724,754**	**$13,379,869**

SYSTEM DEVELOPMENT CHARGE (SDC) RESERVES

SDCs are required as part of the MWMC IGA. They are connection fees charged to new users to recover the costs related to system capacity, and are limited to funding Capital Programs. The purpose of the SDC Reserves is to collect and account for SDC revenues separately from other revenue sources, in accordance with Oregon statutes. The Commission's SDC structure includes a combination of "Reimbursement" and "Improvement" fee components. Estimated SDC revenues for FY 26-27 are approximately $2,265,000. The projected beginning SDC Reserve balance on July 1, 2026 is $15,117,575.

REIMBURSEMENT SDC RESERVE	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27
Beginning Balance	$2,942,064	$2,844,177	$3,200,698
Reimbursement SDCs Collected	270,000	270,000	265,000
Interest	121,727	121,727	72,900
SDC Compliance Charge	7,000	7,000	7,000
Transfer to Fund 612	(26,658)	(26,658)	(28,880)
Materials & Services	(4,000)	(4,000)	(4,000)
Funding for Capital Improvement Projects	-	-	(3,000,000)
Reimbursement SDC Reserve	**$3,310,133**	**$3,212,246**	**$512,718**

IMPROVEMENT SDC RESERVE	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27
Beginning Balance	$12,909,736	$13,715,169	$11,916,877
Improvement SDCs Collected	2,500,000	2,500,000	2,000,000
Interest	432,528	432,528	500,143
Materials & Services	(10,000)	(10,000)	(10,000)
Funding for Capital Improvement Projects	(6,530,135)	(5,484,091)	(847,200)
Improvement SDC Reserve	**9,302,128**	**$11,153,606**	**$13,559,820**

CAPITAL RESERVE

The Capital Reserve accumulates funds transferred from the Operating Reserve for the purpose of funding the CIP and Major Capital Outlay costs. The intent is to collect sufficient funds over time to construct a portion of planned capital projects with cash in an appropriate balance with projects that are funded with debt financing. The FY 26-27 Budget includes a contribution from the Operating Reserve of $13,000,000. The beginning balance on July 1, 2026, is projected to be $66,118,277. Additional budget detail on the CIP, Major Capital Outlay and Major Rehabilitation Program reserves is provided below.

CAPITAL RESERVES	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27
Beginning Balance	$81,369,780	$90,123,735	$66,118,277
Transfer from Operating Reserve	13,000,000	13,000,000	13,000,000
Interest	1,644,661	1,644,660	2,176,141
Other Income	100	100	100
Funding For Capital Improvement Projects	(91,894,865)	(93,215,037)	(35,582,800)
Funding For Major Rehabilitation	(1,030,000)	(1,445,775)	-
Funding For Major Capital Outlay	-	(207,730)	(980,000)
Capital Projects Reserve	**$3,089,676**	**$9,899,953**	**$44,731,718**

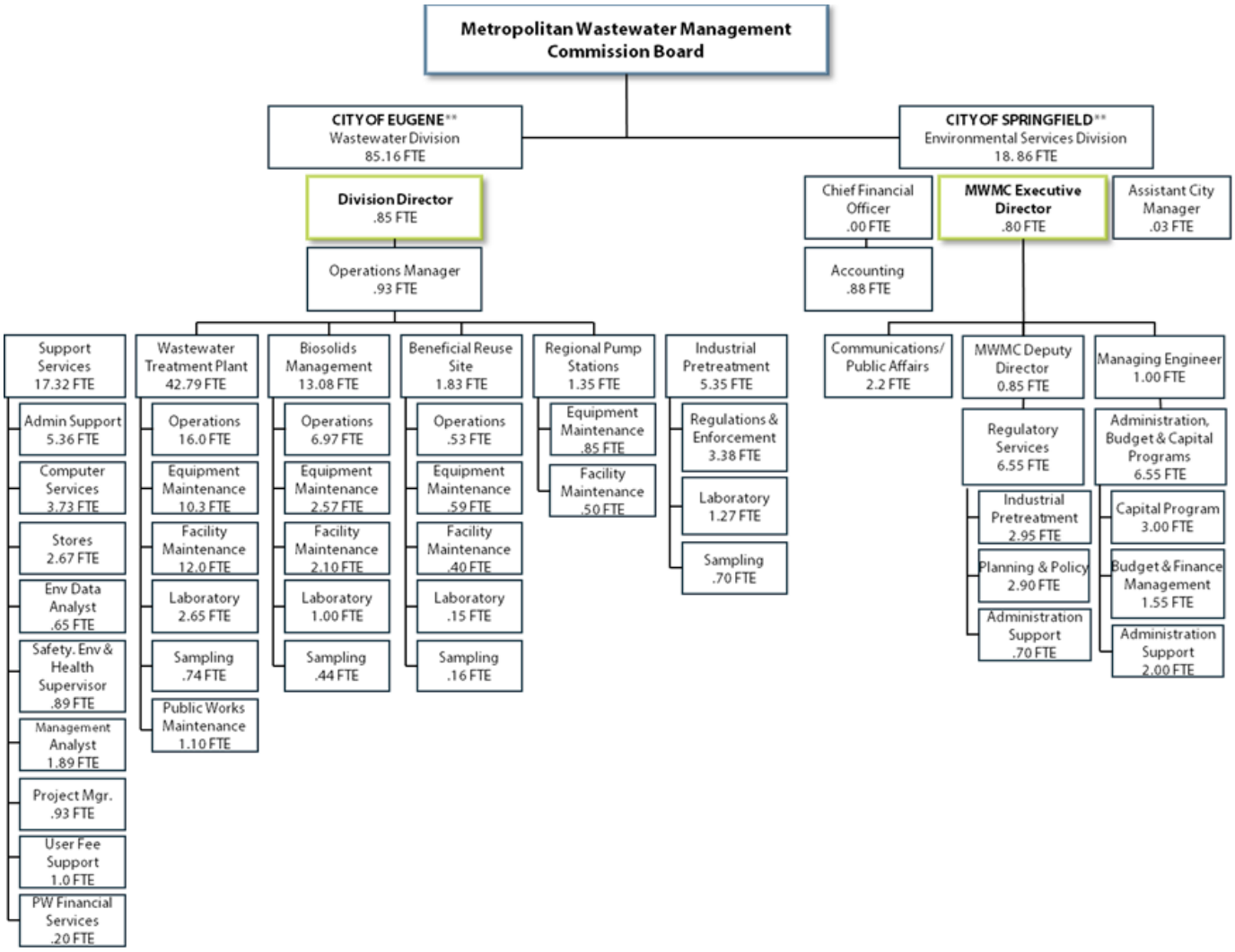
STAFFING

Attachment 2

EXHIBIT 6

REGIONAL WASTEWATER PROGRAM*

ORGANIZATION CHART FY 26-27



Notes:

* Full-Time Equivalent (FTE) figures represent portions of Eugene and Springfield staff funded by regional wastewater funds.

** The chart represents groups of staff dedicated to program areas rather than specific positions.

EXHIBIT 7

REGIONAL WASTEWATER PROGRAM
POSITION SUMMARY

CLASSIFICATION	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	FTE CHANGE
SPRINGFIELD ENVIRONMENTAL SERVICES & FINANCE				
Accountant	0.80	0.80	0.80	-
Accounting Manager	0.08	0.08	0.08	-
Administrative Specialist	2.70	2.70	2.70	-
Assistant City Manager	0.03	0.03	0.03	-
Civil Engineer	2.00	2.00	2.00	-
Design & Construction Coordinator	1.00	1.00	1.00	-
Deputy Division Director	0.80	0.80	0.85	0.05
Environmental Analyst	1.00	1.00	1.00	-
Environmental Management Analyst	0.90	0.90	0.90	-
Environmental Services Program Manager	0.80	0.80	0.80	-
Environmental Services Supervisor	1.95	1.95	1.95	-
Environmental Services Technician	2.00	2.00	2.00	-
ESD Division Director/MWMC Executive Officer	0.80	0.80	0.80	-
Management Analyst	0.75	0.75	0.75	-
MWMC Managing Engineer	1.00	1.00	1.00	-
Public Information & Education Analyst	2.00	2.00	2.00	-
Public Information & Education Intern	0.00	0.00	0.20	0.20
TOTAL SPRINGFIELD	**18.61**	**18.61**	**18.86**	**0.25**

EXHIBIT 7 (Continued)

REGIONAL WASTEWATER PROGRAM
POSITION SUMMARY

CLASSIFICATION	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	FTE CHANGE
EUGENE WASTEWATER DIVISION & OTHER PW				
Administrative Specialist	0.95	0.95	0.95	-
Administrative Specialist, Sr	1.78	1.78	1.78	-
Application Support Technician, Sr	0.95	0.95	0.95	-
Application Systems Analyst 2	2.28	2.28	2.78	0.50
Custodian	2.00	2.00	2.00	-
Division Director	0.85	0.85	0.85	-
Environmental Compliance Specialist	4.64	4.64	4.64	-
Environmental Svs Supervisor (Lab, Sampling, ISC)	1.71	1.71	1.71	-
Facilities Project Manager	0.65	0.65	0.65	-
Finance & Administrative Manager	0.89	0.89	0.89	-
Laboratory Assistant	0.82	0.82	0.82	-
Laboratory Specialist	2.47	2.47	2.47	-
Laboratory Specialist, Sr	1.72	1.72	1.72	-
Maintenance Manager	0.93	0.93	0.93	-
Maintenance Mechanic	8.20	8.20	8.20	-
Maintenance Supervisor	2.88	2.88	2.88	-
Maintenance Worker	14.05	14.05	14.05	-
Management Analyst	2.67	2.67	2.67	-
Management Analyst, Sr	1.50	1.50	1.50	-
Operations Manager	0.93	0.93	0.93	-
Operations Supervisor (Plant and Residuals)	2.00	2.00	2.00	-
Operator (Plant and Residuals)	20.00	20.00	20.00	-
Operator, Process Controls Specialist	1.00	1.00	1.00	-
PW Engineering Associate	0.35	0.35	0.35	-
PW Heavy Equipment and CDL Trainer	0.18	0.18	0.18	-
PW Financial Services Manager	0.20	0.20	0.20	-
PW Utility Billing Coordinator	1.00	1.00	1.00	-
Supply Specialist	1.78	1.78	1.78	-
Systems Electrician	5.28	5.28	5.28	-
TOTAL EUGENE	**84.66**	**84.66**	**85.16**	**0.50**
GRAND TOTAL	**103.27**	**103.27**	**104.02**	**0.75**

Attachment 2

BUDGET DETAIL

Attachment 2

CITY OF SPRINGFIELD
REGIONAL WASTEWATER PROGRAM RESPONSIBILITIES

The City of Springfield manages administration services for the RWP under the Intergovernmental Agreement for the Metropolitan Wastewater Management Commission (MWMC). The programs maintained by Springfield to support the RWP are summarized below and are followed by Springfield's regional wastewater budget summaries. Activities, and therefore program budgets, for the MWMC administration vary from year to year depending upon the major construction projects and special initiatives underway. A list of the capital projects Springfield staff will support in FY 26-27 is provided in Exhibit 12 on page 43.

Program Responsibilities
- Administration & Management
- Financial Planning & Management
- Long-Range Capital Project Planning
- Project and Construction Management
- Coordination between the Commission and governing bodies
- Coordination and Management of:
  - Risk Management & Legal Services
  - Public Policy Issues
  - Regulatory and Permit Compliance
- Public Information, Education and Outreach
- Industrial Pretreatment Source Control
- Customer Service

MWMC ADMINISTRATION

The Springfield Environmental Services Division (ESD) and Finance Department provide ongoing support and management services for the MWMC. The ESD Director serves as the MWMC Executive Officer and General Manager. Springfield provides the following administration functions: financial planning management, accounting and financial reporting; risk management and legal services; coordination and management of public policy; coordination and management of regulatory and permit compliance issues; coordination between the Commission and the governing bodies; long-range capital project planning and construction management; coordination of public information, education, and citizen involvement programs; sewer user customer service; and coordination and development of regional budgets, rate proposals, and revenue projections.

INDUSTRIAL PRETREATMENT (SOURCE CONTROL) PROGRAM

The Industrial Pretreatment Program is a regional activity implemented jointly by the Cities of Eugene and Springfield. The Industrial Pretreatment section of the ESD is charged with administering the program for the regulation and oversight of wastewater discharged to the sanitary collection system by industries in Springfield. This section is responsible for ensuring that these wastes do not damage the collection system, interfere with wastewater treatment processes, result in the pass-through of harmful pollutants to treated effluent or biosolids, or threaten worker health or safety.

This responsibility is fulfilled, in part, by the use of a permit system for industrial dischargers. This permit system, common to both Eugene and Springfield, implements necessary limitations on waste characteristics and establishes inspection, monitoring, and reporting requirements for documenting waste quality and quantity controls. The Industrial Pretreatment section is also responsible for locating new industrial discharges in Springfield and evaluating the impact of those discharges on the regional WPCF. The Industrial Pretreatment Program also addresses the wastewater discharges of some commercial/industrial businesses through the development and implementation of Pollution Management Practices. Pretreatment program staff also coordinates pollution prevention activities in cooperation with the Pollution Prevention Coalition of Lane County.

ACCOUNTING AND FINANCIAL REPORTING

Accounting and financial reporting services for the RWP are provided by the Accounting division in the Springfield Finance Department, in coordination with ESD. Springfield Accounting staff provides oversight of financial control systems, ensures compliance with all local, state and federal accounting requirements for MWMC including debt management and treasury management services. This division also assists ESD with preparation of the MWMC budget, capital financing documents, sewer user rates, and financial policies and procedures.

PROGRAMS AND SIGNIFICANT SERVICE/EXPENDITURE CHANGES

In FY 26-27, the City of Springfield will support the following major regional initiatives in addition to ongoing Commission administration and industrial pretreatment activities:

- Continue public information, education and outreach activities focused on the MWMC's Key Outcomes and Communication Plan objectives to increase awareness of the MWMC's ongoing efforts in maintaining water quality and a sustainable environment.
- Formulate Capital Financing strategies necessary to meet current debt obligations, prepare for additional debt financing, and ensure sufficient revenues in accordance with the MWMC Financial Plan.
- The MWMC's updated 20-year facilities plan is expected to be complete near the end of FY 25-26. This effort will inform the regional wastewater program's Capital Improvement Plan for the next several years and includes approximately $350 million of work to meet regulatory requirements, maintain and replace existing assets, and build new facilities.
- Protect the Regional Wastewater Program (RWP) interests through participation in Association of Clean Water Agencies activities.
- Coordinate temperature Total Maximum Daily Load (TMDL) compliance through continued development and implementation of the thermal load mitigation strategy, including but not limited to a recycled water program.
- Continue participation with the Association of Clean Water Agencies and the Department of Environmental Quality on regulatory permitting strategies and the development of water quality trading rules.
- Implement resiliency planning to ensure protection of public health and safety following natural disasters such as earthquakes and floods.
- Planning operationally and financially to begin the MWMC's NPDES permit requirements, the DEQ permit was issued on November 1, 2022 and will expire on September 30, 2027.

BUDGET CHANGES FOR FY 26-27

The budget for Springfield Personnel Services, Materials and Services for FY 26-27 totals $6,849,211 representing an overall increase of $434,513 or 6.8% from the adopted FY 25-26 budget, as displayed in Exhibit 8 on page 31.

Personnel Services

Personnel Services totaling $3,158,720 represents a FY 26-27 increase of $40,739 or 1.3% above the originally adopted FY 25-26 budget. The notable changes are summarized below:

Staffing
The FY 26-27 staffing budget is proposed to increase by 0.25 Full Time Equivalents (FTE), from 18.61 FTE to 18.86 FTE in Springfield.

Regular Salaries and Overtime - $2,022,199, an increase of $30,119 or 1.5%
Salaries are based upon the negotiated management/labor contracts as approved by the Springfield City Council, and staffing levels.

Employee Benefits - $751,558 an increase of $5,769 or 0.8%
The employee benefits consist mainly of PERS/OPSRP retirement system costs, FICA and Medicare contributions.

Health Insurance - $384,963, an increase of $4,851 or 1.3%
The small increase is based on group claims experience and cost projections. Costs are calculated based on the number of employees.

Materials and Services

The Materials and Services budget total is $3,690,491 in FY 26-27, representing an increase of $474,774 or 14.8% above the adopted FY 25-26 budget. The notable changes are summarized below:

Billing & Collection Expense - $1,359,000, an increase of $432.00 or 46.6%
This expense includes contracted billing services for Eugene and Springfield utility billing services combined, as funded through the Springfield portion of the regional budget. The billing services provided by the Eugene Water and Electric Board (EWEB) increased significantly last year and represent most of the overall cost increase. To provide better transparency, Exhibit 9 has been updated to show Eugene and Springfield billing costs separately.

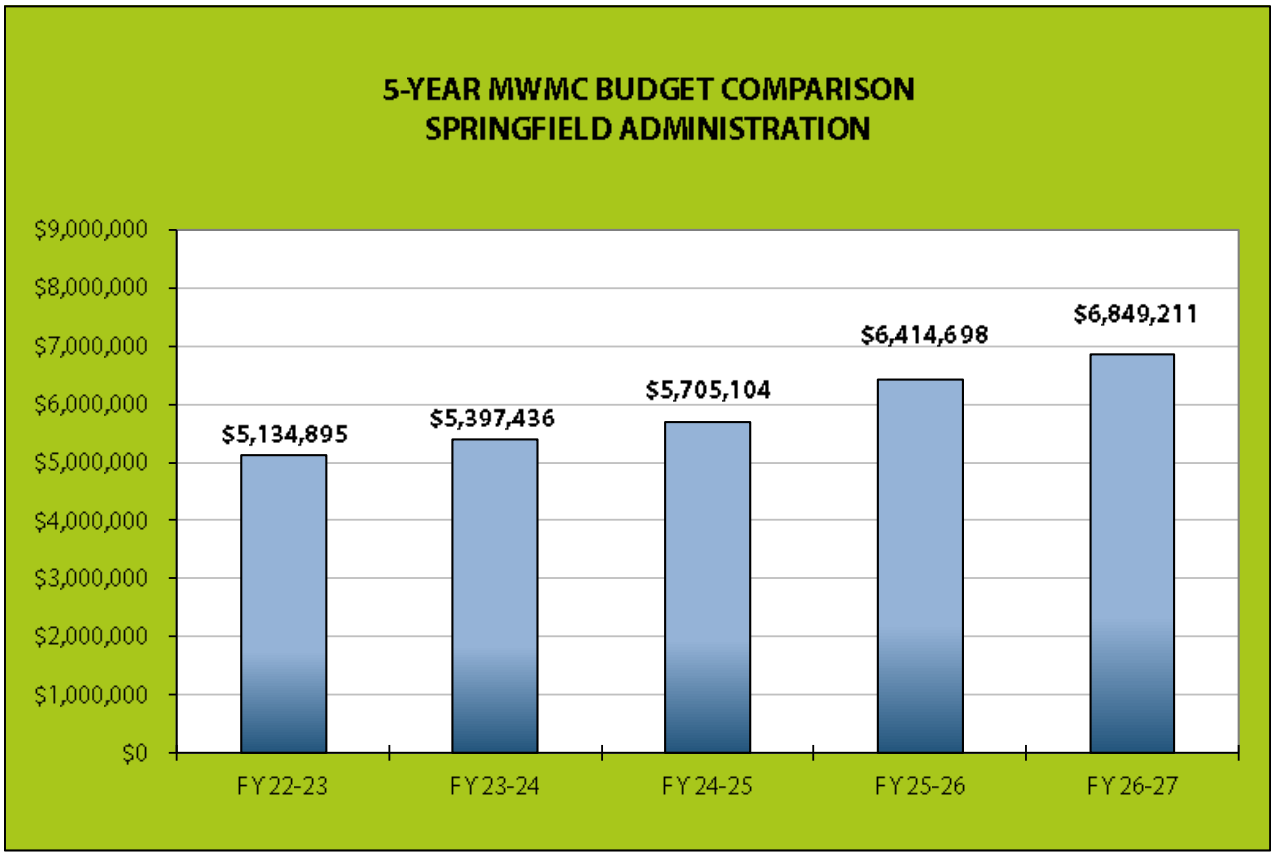
Property & Liability Insurance - $626,000, an increase of $42,800 or 7.3%
The $42,800 increase reflects insurance on newly constructed infrastructure, the addition of a new cyber liability insurance policy and maintaining incremental increases on existing assets for property insurance coverage. Including services provided by the MWMC Agent of Record for property/liability coverage.

Internal & Indirect Charges Combined - $663,917, a decrease of $88,536 or -11.8%
The $88,536 decrease is based on changes in overhead costs as programmed in the FY 26-27 budget, when compared FY 25-26. Internal charges are determined by the City of Springfield, and indirect costs are based on a methodology approved by the federal government, which is outlined in the MWMC Intergovernmental Agreement.

EXHIBIT 8

SPRINGFIELD ADMINISTRATION PROGRAM
PROPOSED FY 26-27
BUDGET SUMMARY

	ACTUALS FY 24-25	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE * INCR/(DECR)	
Personnel Services	$2,532,592	$3,117,981	$3,117,981	$3,158,720	$40,739	1.3%
Materials & Services	2,721,472	3,215,717	3,353,570	3,690,491	474,774	14.8%
Capital Outlay	0	81,000	81,000	0	(81,000)	N/A
Budget Summary	**$5,254,064**	**$6,414,698**	**$6,552,551**	**$6,849,211**	**$434,513**	**6.8%**



Note: * Change column compares the adopted FY 26-27 Budget to the adopted FY 25-26 Budget.

EXHIBIT 9

SPRINGFIELD ADMINISTRATION
LINE ITEM BUDGET SUMMARY

	ACTUALS FY 24-25	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE * INCR/(DECR)	
PERSONNEL SERVICES						
Regular Salaries	$1,622,760	$1,985,988	$1,985,988	$2,016,083	$30,095	1.5%
Overtime	0	6,092	6,092	6,116	24	0.4%
Employee Benefits	572,835	745,789	745,789	751,558	5,769	0.8%
Health Insurance	336,997	380,112	380,112	384,963	4,851	1.3%
Total Personnel Services	**$2,532,592**	**$3,117,981**	**$3,117,981**	**$3,158,720**	**$40,739**	**1.3%**
FTE	17.81	18.61	18.61	18.86	0.25	1.3%
MATERIALS & SERVICES						
Billing & Collection Expense EWEB	$0	$0	$0	$1,157,000	$1,157,000	46.6%
Billing & Collection Expense SUB	$825,888	$927,000	$927,000	$202,000	-$725,000	
Property & Liability Insurance	625,082	583,200	611,200	626,000	42,800	7.3%
Contractual Services	128,588	297,993	347,993	278,850	-19,143	-6.4%
Attorney Fees and Legal Expense	84,356	190,372	190,372	190,000	-372	-0.2%
WPCF/NPDES Permits	190,344	194,361	194,361	196,700	2,339	1.2%
Materials & Program Expense	154,172	186,938	246,791	281,022	94,084	50.3%
Computer Software & Licenses	28,124	20,407	20,407	26,032	5,625	27.6%
Employee Development	16,912	29,039	29,039	34,800	5,761	19.8%
Travel & Meeting Expense	19,450	33,954	33,954	34,170	216	0.6%
Internal Charges	236,693	276,123	276,123	293,679	17,556	-11.8%
Indirect Costs	411,863	476,330	476,330	370,238	-106,092	
Total Materials & Services	**$2,721,472**	**$3,215,717**	**$3,353,570**	**$3,690,491**	**$474,774**	**14.8%**
CAPITAL OUTLAY						
Total Capital Outlay	$0	$81,000	$81,000	$0	-$81,000	NA
TOTAL	**$5,254,064**	**$6,414,698**	**$6,552,551**	**$6,849,211**	**$434,513**	**6.8%**

Attachment 2

CITY OF EUGENE
REGIONAL WASTEWATER PROGRAM RESPONSIBILITIES

The Wastewater Division for the City of Eugene manages all regional wastewater pollution control facilities serving the areas inside the Eugene and Springfield Urban Growth Boundaries under the Intergovernmental Agreement for the Metropolitan Wastewater Management Commission (MWMC). These regional facilities include the Eugene/Springfield Regional Water Pollution Control Facility (WPCF), the Biosolids Management Facility, the Beneficial Reuse Site, the Biocycle Farm Site, and regional wastewater pumping stations and transmission sewers.

Program Responsibilities

- Facility Operations
- Facility Maintenance
- Biosolids Management
- Environmental Services
- Management Information Services
- Administration and Management

In support of the water pollution control program, the division provides technical services for wastewater treatment, management of equipment replacement and infrastructure rehabilitation, biosolids land application, regional laboratory services, resource recovery operations, and regulatory services* (regional pretreatment) in collaboration with environmental services staff at City of Springfield.

*Regulatory Services was formerly referred to as Industrial Source Control (ISC).

REGIONAL WASTEWATER TREATMENT - FACILITY OPERATIONS

The Wastewater Division operates the WPCF to treat residential, commercial, and industrial wastes to achieve an effluent quality that protects the beneficial uses of the Willamette River. The operations section optimizes wastewater treatment processes to ensure effluent quality requirements are met in an efficient and cost effective manner. In addition, the operations section provides continuous monitoring of the alarm functions for all plant processes, regional and local pump stations, the Biosolids Management Facility (BMF), and the Beneficial Reuse Site (BRS).

REGIONAL WASTEWATER TREATMENT - FACILITY MAINTENANCE

The mechanical, electrical, and facilities maintenance sections of the Wastewater Division are responsible for preservation of the multi-million-dollar investment in the equipment and infrastructure of the WPCF, regional pump stations, pressure sewers, as well as the BMF, BRS, and Biocycle Farm. These sections provide a preventative maintenance program to maximize equipment life and reliability; a corrective maintenance program to repair unanticipated failures; and a facility maintenance program to maintain the buildings, treatment structures, and grounds.

BIOSOLIDS AND RECYCLED WATER MANAGEMENT

The Residuals Management section of the Wastewater Division operates the BMF and Biocycle Farm to process and land apply biological solids (biosolids) produced as a result of the activated sludge treatment of wastewater. After further processing the biosolids from the WPCF, the dried material is applied to approved agricultural land. Biosolids are also applied on poplar trees at the Biocycle Farm as a beneficial nutrient and soil conditioner. In addition, the residuals section utilizes recycled water for the processing of biosolids and for irrigation. This section also operates the BRS, which formerly served to treat wastewater from food processing operations.

ENVIRONMENTAL SERVICES

Environmental Services is comprised of Regulatory Services* (Pretreatment), Analytical Services, and Sampling Team.

Regulatory Services - The pretreatment program is a regional activity implemented jointly by the cities of Eugene and Springfield. The regulatory services group of the Wastewater Division is charged with administering the pretreatment program for the regulation and oversight of commercial and industrial wastewater discharged to the collection system by fixed-site industries in Eugene and by mobile waste haulers in the Eugene and Springfield areas. This group is also responsible for ensuring that these wastes do not damage the collection system, interfere with wastewater treatment processes, result in the pass-through of harmful pollutants to treated effluent or biosolids, or threaten worker health or safety.

This responsibility is fulfilled through the use of a permit and discharge authorization system for industrial and commercial users of the wastewater collection system. This permit system, common to both Eugene and Springfield, implements necessary prohibitions and limitations on waste characteristics and establishes inspection, monitoring, and reporting requirements for documenting waste quality and quantity controls. The staff is also responsible for locating new industrial and commercial discharges in Eugene and evaluating the impact of their discharges on the WPCF. The regulatory services section also has responsibilities related to environmental spill response activities.

*Regulatory Services was formerly referred to as Industrial Source Control (ISC).

Analytical Services - The Analytical Services group provides laboratory work and analysis in support of wastewater treatment, residuals management, industrial source control, stormwater monitoring, and special project activities of the Wastewater Division. The laboratory's services include sample handling and analyses of influent sewage, treated wastewater, biosolids, industrial wastes, stormwater, surface water, and groundwater. Information from the laboratory is used to evaluate the performance of the treatment processes, make treatment process control decisions, document compliance with regulatory requirements, demonstrate environmental protection, and ensure worker health and safety.

Sampling Team - The Sampling Team is responsible for sampling and field monitoring activities related to regional wastewater program functions. These include the Eugene pretreatment program, wastewater treatment process control, effluent and ambient water quality, groundwater quality, facultative sludge lagoons, biosolids, application site soils, stormwater samples, and natural gas quality samples.

MANAGEMENT INFORMATION SERVICES (MIS)

The MIS section provides services for electronic data gathering, analysis, and reporting in compliance with regulatory requirements and management functions. This section also maintains the business network communication linkages with the City of Eugene and supplies technical expertise and assistance in the selection, operation, and modification of computer systems (e.g., hardware, software, and firmware) within the division. This section fully supports the expanding operational network, capital improvement project (CIP) design, review, and implementation, and the expanding technology needs of the division.

ADMINISTRATIVE AND MANAGEMENT SERVICES

Administrative Services provides administrative, management, and office support to the Wastewater Division and Regional Wastewater Program (RWP). This support includes the general planning, directing, and managing of the activities of the division; development and coordination of budgets; administration of personnel records; and processing of payroll, accounts payable, and accounts receivable. This section also provides tracking and monitoring of all assets for the regional wastewater treatment facilities and support for reception, customer service, and other administrative needs. The administrative services include oversight and coordination of the division's Environmental Management System (EMS), safety, and training programs, and an inventory storeroom section that purchases and stocks parts and supplies and assists with professional services contracting. The administrative services section also collaborates and coordinates with partner agencies on the local and regional billing and rate activities.

PROGRAMS AND SIGNIFICANT SERVICE/EXPENDITURE CHANGES

In FY 26-27, Eugene staff will support the following major regional initiatives in addition to ongoing operations and maintenance activities.

- Manage the Operations & Maintenance (O&M) responsibilities of the NPDES wastewater discharge permit for the treatment of wastewater and the Lane Regional Air Protection Agency (LRAPA) air emissions permit for the regional wastewater treatment plant.
- Manage the O&M responsibilities of the Renewable Natural Gas (RNG) facility to maximize production of renewable fuel and the associated renewable fuel standard credits.
- Provide technical input and O&M assessments related to proposed/newly adopted environmental regulations, renewable energy objectives, and operational resiliency. This includes impact evaluations of the regulatory actions upon operational responsibilities such as the federal sanitary sewer overflows (SSO), blending policy development, Willamette River TMDLs implementation, and any newly adopted state water quality standards.
- Complete scheduled equipment replacement, major rehabilitation, and other asset management capital projects (AMCP) in an efficient and timely manner.
- Work cooperatively on CIP elements and effectively integrate capital project work with ongoing O&M activities with an emphasis on maintaining effective CIP coordination and management with Springfield staff.
- Manage the O&M aspects of the BMF and the Biocycle Farm, continuing biosolids land application practices and poplar tree management.

SIGNIFICANT CHANGES IN THE O&M BUDGET FOR FY 26-27

The FY 26-27 budget for Operations and Maintenance of the regional facilities totals $22,751,580. The amount represents a grand total increase of $1,566,953 or 7.4% over the adopted FY 25-26 operating budget. In each fiscal year the most significant cost centers for the Eugene O&M budget include regular wages and employee benefits, health insurance, utilities, materials and program expenses, chemicals, and contractual services. The significant changes for FY 26-27 are described in detail below.

Personnel Services

Personnel Services totaling $13,480,680 represents an FY 26-27 increase of $1,331,045 or 11%. The staffing level for Eugene O&M increased from 84.66 Full Time Equivalent (FTE) positions to 85.16 FTE at the start of FY 25-26 (July 1, 2025). The notable changes to Personnel Services are in the following line items:

Regular Salaries – $8,006,207, a net increase of $1,219,632 or 18%

Over the past three fiscal years, MWMC Board approved a total of 5.0 FTE, and staff had concurrently targeted cost reductions to the Personnel Services line items anticipating employee turnover, recruitment challenges, and an imperative to sustain only incremental increases to user fees during a period of new operating costs and higher inflation. To ensure that all FTE positions are fully budgeted, irrespective of employee turnover, the FY 26-27 budget includes full position funding for the added 5.0 FTE as approved.

Assumed Underspending – targeted reduction of -$336,000

Cost savings due to vacant positions from employee turnover are anticipated to continue into spring 2027.

Employee Benefits – $3,909,538, a net increase of $290,338 or 8%

Realignment of employee benefits expense from the targeted reductions during the past three fiscal years for the approved 5.0 FTE positions. The employee benefits line item includes FICA, Medicare, PERS/OPSRP, deferred compensation, long-term disability, and life insurance.

Health Insurance – $1,667,042, an increase of $140,942 or 9.2%

Realignment of the planned health insurance expense for the 5.0 FTE positions added over the past three fiscal years.

0.50 FTE – $82,500 for Application Systems Analyst 2

The 0.50 FTE for the ASA2 position was requested in the FY 2024-25 MWMC budget, as City of Eugene had planned for a greater technical support need from the Wastewater Division staff specific to systems administration for regional wastewater user fees. Due to ongoing complications with technical coordination between EWEB and City of Eugene for customer billing administration, this position has remained un-filled (vacant). Additionally, to reduce the impact on regional wastewater rate payers in FY 24-25 and FY 25-26, the funding for this position was intentionally omitted and is now fully included for FY 26-27.

Materials and Services

The Materials and Services (M&S) budget totaling $9,270,900 represents an FY 26-27 increase of $355,908 or 4%. In prior years, field management of the Biocycle Farm (aka Poplar Tree Farm) was included within the Capital Improvements Program (CIP) budget, which was transferred into Eugene O&M activity in FY 25-26. The most significant cost increase for FY 26-27 in the operating budget is for contracting specific to Biocycle Farm management. Other significant changes for M&S are described as follows:

Utilities – $1,868,000, a net increase of $175,860 or 10.4%
EWEB implemented rate changes for commercial users in February 2026, including 2.3% increase for electricity and 6.7% increase for water. Northwest Natural Gas implemented 5.4% rate increase in November 2025 and has planned for a significant 22.8% increase (subject to approval) for August 1, 2026. MWMC facilities are anticipated to consume more EWEB service in FY 26-27 due to several CIP construction projects at the WPCF and not realizing efficiencies from the projects until subsequent fiscal years. Natural gas usage is anticipated to remain on trend until the Boiler CIP project is completed (See P80121).

Contractual Services – $1,461,200, a net increase of $593,000 or 68.3%
This line item includes $900,000 for Biocycle Farm management contracting, specifically for a scheduled poplar harvest from Management Unit #1 (MU1-South) at 76.9 acres, including harvest, field restoration, herbicide application, and replanting. Weather dependent, the harvest of MU1-North (at 79.1 acres) could also possibly occur within the FY 26-27 period as part of the 10-12 year contract for comprehensive farm management. All other costs for contractual services at MWMC facilities are planned to align with inflation.

Materials & Program Expense – $1,250,400, a net increase of $296,000 or 31%
Twenty-nine separate Eugene accounts comprise the Materials and Program Expense line item for routine O&M costs such as safety supplies, laboratory supplies, parts and services for the RNG system and the Engine Generator (800 KW CoGen), stock inventory, and other consumables. City of Eugene's monthly overhead charges for postage, printing, copiers, City-procured hardware and software are also aggregated into Materials and Program Expense. Supplemental budgets were approved in FY 24-25 and FY 25-26 predominantly to fund operating expenses for the RNG system and the landfilling of excess BMF sludge and struvite, and the planned increase for FY 26-27 is to align this line-item to actual expenses.

Administrative Charges EWEB – $0, a net decrease of $798,000 or -100%
Staff determined that this line item should not be included in the Eugene O&M budget, as the monthly charges are paid directly from the regional user-fee revenue passed through from City of Eugene to MWMC. EWEB Administrative Charges are programmed into the City of Springfield/MWMC financial system as a revenue transaction.

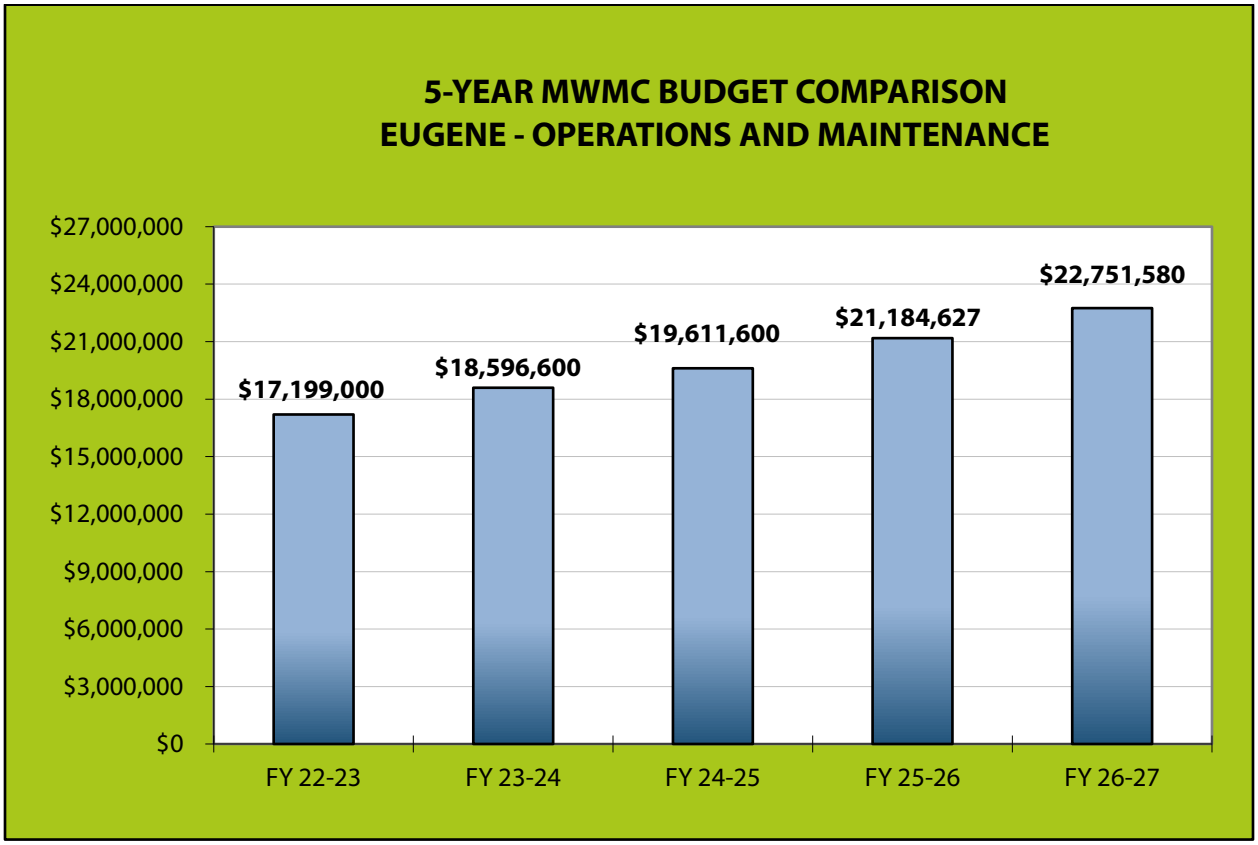
Risk Insurance-Employee Liability – $109,000, a net increase of $37,312 or 52%
This line item was previously targeted for underspending irrespective of City of Eugene Risk Services staff planning for an increase in premium expense for the 2527 Biennium (2-year budget). The increase for FY 26-27 is to align the budget to planned expenses.

Computer Equipment – $693,800, a net decrease of $52,030 or -7%
Direct charges from City of Eugene's Information Services Division (ISD) billed monthly for the fiber-optic network service and support, PeopleSoft financial system, payroll processing, Microsoft Enterprise software, network security services, copier network service, and related ISD costs. Planned expenses have decreased in Eugene's 2527 Biennium (2-year budget) resulting in a decrease to this line item in FY 26-27 for Wastewater Division.

EXHIBIT 10

EUGENE - OPERATIONS AND MAINTENANCE PROGRAM
PROPOSED FY 26-27
BUDGET SUMMARY

	ACTUALS FY 24-25	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE * INCR/(DECR)	
Personnel Services	$11,858,332	$12,149,635	$12,149,635	$13,480,680	$1,331,045	11.0%
Materials & Services	8,596,149	8,914,992	9,574,418	9,270,900	355,908	4.0%
Capital Outlay	613,197	120,000	749,420	0	(120,000)	N/A
Budget Summary	**$21,067,678**	**$21,184,627**	**$22,473,473**	**$22,751,580**	**$1,566,953**	**7.4%**



NOTE: Does not include Major Rehabilitation or Equipment Replacement

EXHIBIT 11

EUGENE - OPERATIONS & MAINTENANCE
LINE ITEM BUDGET SUMMARY

	ACTUAL FY 24-25	ADOPTED BUDGET FY 25-26	AMENDED BUDGET FY 25-26	PROPOSED BUDGET FY 26-27	CHANGE INCR/(DECR)	
PERSONNEL SERVICES						
Regular Salaries	$7,005,213	$6,786,575	$6,786,575	$8,006,207	$1,219,632	18.0%
Assumed Underspending - Vacancies	0	0	0	(336,000)	($336,000)	N/A
Overtime	74,830	78,000	78,000	78,000	-	0.0%
Employee Benefits	3,087,060	3,619,200	3,619,200	3,909,538	290,338	8.0%
Paid Family Med Leave Insurance	120	11,730	11,730	11,730	-	0.0%
Workers' Comp/Unemploy Ins	134,784	128,030	128,030	144,163	16,133	12.6%
Health Insurance	1,556,325	1,526,100	1,526,100	1,667,042	140,942	9.2%
Total Personnel Services	**$11,858,332**	**$12,149,635**	**$12,149,635**	**$13,480,680**	**$1,331,045**	**11.0%**
FTE	83.86	84.66	84.66	85.16	0.50	0.6%
MATERIALS & SERVICES						
Utilities	$1,701,170	$1,692,140	$1,692,140	$1,868,000	$175,860	10.4%
Fleet Operating Charges	590,863	575,699	575,699	598,900	23,201	4.0%
Maintenance-Equip & Facilities	314,702	307,345	307,345	319,600	12,255	4.0%
Contractual Services	561,063	868,200	868,200	1,461,200	593,000	68.3%
Materials & Program Expense	1,243,037	954,400	1,314,400	1,250,400	296,000	31.0%
Administrative Charges - EWEB	680,345	798,000	798,000	0	(798,000)	-100.0%
Chemicals	1,027,303	1,045,190	1,045,190	1,087,500	42,310	4.0%
Parts & Components	672,612	650,000	949,426	676,000	26,000	4.0%
Risk Insurance - Employee Liability	104,124	71,688	71,688	109,000	37,312	52.0%
Computer Equip, Supplies, Maint	657,148	745,830	745,830	693,800	(52,030)	-7.0%
Indirects	1,043,784	1,206,500	1,206,500	1,206,500	-	0.0%
Total Materials & Services	**$8,596,149**	**$8,914,992**	**$9,574,418**	**$9,270,900**	**$355,908**	**4.0%**
CAPITAL OUTLAY						
Capital Outlay - Other	$613,197	$120,000	$749,420	$0	($120,000)	N/A
Total Capital Outlay	**$613,197**	**$120,000**	**$749,420**	**$0**	**($120,000)**	**N/A**
TOTAL	**$21,067,678**	**$21,184,627**	**$22,473,473**	**$22,751,580**	**$1,566,953**	**7.4%**

Attachment 2

CAPITAL PROGRAM

Attachment 2

REGIONAL WASTEWATER PROGRAM
CAPITAL PROGRAMS

Overview

The Regional Wastewater Program (RWP) includes two components: the Capital Improvement Program (CIP) and the Asset Management Capital Program (AMCP). The FY 26-27 CIP Budget, the FY 26-27 AMCP Budget, and the associated 5-Year Capital Plan are based on the following: 2004 MWMC Facilities Plan, 2014 Partial Facilities Plan Update, Resiliency Planning Study (Disaster Mitigation & Recovery Plan – March 2020), 2023 infrastructure evaluation, and 2025 information from project P80101 Facilities Planning work in progress.

The CIP is administered by the City of Springfield for the MWMC. The AMCP implements the projects and activities necessary to maintain functionality, lifespan, and effectiveness of the MWMC facility assets on an ongoing basis. The AMCP is administered by the City of Eugene and consists of three sub-categories:

- Equipment Replacement
- Major Rehabilitation
- Major Capital Outlay

The MWMC has established these capital programs to achieve the following RWP objectives:

- Compliance with applicable local, state, and federal laws and regulations
- Protection of the health and safety of people and property from exposure to hazardous conditions such as untreated or inadequately treated wastewater
- Provision of adequate capacity to facilitate community growth in the Eugene-Springfield metropolitan area consistent with adopted land use
- Construction, operation, maintenance, and management of MWMC facilities in a manner that is cost-effective, efficient, and affordable to the community in the short and long term

Capital Program Funding and Financial Planning Methods and Policies

This annual budget document presents the FY 26-27 CIP Budget, the FY 26-27 AMCP Budget, and 5-Year Capital Plan which includes the CIP and AMCP. The MWMC CIP financial planning and funding methods are in accordance with the financial management policies put forth in the MWMC 2019 Financial Plan.

Each of the two RWP capital programs relies on funding mechanisms to achieve the objectives described above. The CIP is funded primarily through Capital Reserves, which may include proceeds from revenue bond sales, financing through the State of Oregon DEQ Clean Water State Revolving Fund (SRF) loan program, grants, System Development Charges (SDC), user fee revenue, and transfers from the Operating Fund to Capital Reserves.

The RWP's Operating Fund is maintained to pay for operations, administration, debt service, equipment replacement contributions and capital contributions associated with the RWP. The Operating Fund derives most of its revenue from regional wastewater user fees that are collected by Eugene Water & Electric Board (EWEB) and the Springfield Utility Board (SUB) from their respective customers, passed through to the City of Eugene and City of Springfield, and ultimately to the MWMC. In accordance with the MWMC Financial Plan, funds remaining more than budgeted for operational expenditures can be transferred from the Operating Fund to the Capital Reserve. The Capital Reserve accumulates revenue to fund capital projects, including major rehabilitation, to reduce the amount of borrowing necessary to finance capital projects. In addition, the CIP is partially funded with System Development Charges for the projects that qualify.

The AMCP consists of three categories managed by the City of Eugene and funded through regional wastewater user fees. The *Equipment Replacement* account funds replacement of equipment valued at or over $10,000 with a life expectancy greater than one year; the *Major Rehabilitation* account funds rehabilitation of the MWMC infrastructure such as roof replacements, structure coatings, etc.; and the *Major Capital* Outlay account is for the initial purchase of major equipment that will be placed on the equipment replacement list, or a one-time large capital expense. Some AMCP projects are scheduled in coordination with a CIP project due to the nature and complexity of the project scheduling. The MWMC assets are tracked throughout their lifecycle using asset maintenance management software. Based on this information, the AMCP annual budget is established and projected for the 5-Year Capital Plan.

For planning purposes, the MWMC considers market changes that drive capital project expenditures. Specifically, the MWMC capital plan reflects projected price changes over time that affect cost of materials, supply chain impacts, and services. In addition, City of Springfield staff and MWMC design consultants monitor construction trends in Oregon along with supply chain issues during the design phase.

Regional Wastewater Capital Program Status and Budget

CIP Project Status and Budget

The FY 26-27 CIP Budget is comprised of the individual budgets for each of the active (carryover) or starting (new) projects in the first year of the 5-Year Capital Plan. The total of these FY 26-27 project budgets is $39,430,000. Each capital project represented in the FY 26-27 Budget is described in detail in a CIP project sheet that can be found at the end of this document. Each project sheet provides a description of the project, the project's purpose/driver (the reason for the project), the funding schedule for the project, and the project's estimated final cost and cash flow information. For those projects that are in progress, a short status report is included on the project sheet. In 2019, the MWMC Resiliency Planning consultant study focused on seismic (Cascadia magnitude 9.0 earthquake) and major flooding event(s) and recommended some infrastructure multi-year improvements for consideration during the CIP Budgeting process.

Completed Capital Projects

The following capital projects were completed or on hold in FY 25-26:

- Comprehensive Facility Plan Update - P80101
- Class A Disinfection Facilities - P80098
- Recycled Water Demonstration Projects - P80099
- Waste Activated Sludge Thickening - P80078

Carryover Capital Projects

All or a portion of remaining funding for active capital projects are carried forward to the MWMC FY 26-27 budget. The on-going carryover projects are:

- Aeration System Upgrades - P80113
- Administration/Operations Building Improvements - P80104
- Electrical Switchgear & Transformer Replacement - P80115
- Water Quality Trading Program - P80112
- Repair Clarifiers & Final Treatment - P80118
- Glenwood Pump Station Upgrade - P80064
- WPCF Stormwater Infrastructure - P80111
- Resiliency Follow-Up - P80109
- Facility Plan Engineering Services - P80110
- Biosolids Improvements Study – P80122
- WPCF Boiler Upgrades – P80121

Overall, the budgeting for these projects follows, and is consistent with, the estimated cost of the listed capital projects and new information gathered during the MWMC design development process.

New Projects for FY 26-27

- Owosso Bridge Upgrades – P80116
- WPCF Storage – P80123
- WPCF Thickening Upgrades – P80124

FY 26-27 Capital Budget Summary (Exhibit 12)

Exhibit 12 displays the adjusted budget and end-of-year expenditure estimates for FY 25-26, the amount of funding projected to be carried over to FY 26-27 and additional funding for existing and/or new projects in FY 26-27.

EXHIBIT 12

Summary of FY 26-27 Regional Capital Program Budget

	FY 25-26 ADJUSTED BUDGET	FY 25-26 ESTIMATED ACTUALS	FY 25-26 CARRYOVER TO FY 26-27	NEW FUNDING FOR FY 26-27	TOTAL FY 26-27 BUDGET
Project to be Completed/Ended in FY 25-26					
Waste Activated Sludge Thickening	$6,500,000	$0	$0	$0	$0
Comprehensive Facilities Plan Update	702,024	400,000	0	0	0
Class A Disinfection Facilities	600,000	40,000	0	0	0
Recycled Water Demonstration Projects	262,169	30,000	0	0	0
Projects to be Carried Over to FY 26-27					
Aeration System Upgrades (2023 to 2026)	36,202,723	8,702,723	13,000,000	0	13,000,000
Electrical Switchgear & Transformer Replacement	15,375,786	5,875,786	7,400,000	0	7,400,000
Repair Clarifiers & Final Treatment	3,733,026	683,026	3,050,000	550,000	3,600,000
Biosolids Improvements Study	350,000	150,000	200,000	3,300,000	3,500,000
Admin Building Improvements	21,046,529	18,046,529	3,000,000	0	3,000,000
Water Quality Trading Program	9,843,109	2,443,109	2,100,000	0	2,100,000
Resiliency Follow-Up	678,080	378,080	300,000	1,700,000	2,000,000
WPCF Boiler Upgrades	450,000	200,000	250,000	750,000	1,000,000
Glenwood Pump Station Upgrade	1,755,682	1,155,682	600,000	0	600,000
WPCF Stormwater Infrastructure	600,000	120,000	480,000	0	480,000
Facility Plan Engineering Services	600,000	300,000	300,000	0	300,000
New Projects in FY 26-27					
Owosso Bridge Upgrades	0	0	0	1,100,000	1,100,000
WPCF Storage	0	0	0	900,000	900,000
WPCF Thickening Upgrades	0	0	0	450,000	450,000
TOTAL Capital Projects	**$98,699,128**	**$38,524,935**	**$30,680,000**	**$8,750,000**	**$39,430,000**

FY 26-27 Asset Management Capital Program and Budget

The AMCP consists of the following accounts, listed by category:

Summary of FY 26-27 MWMC Asset Management Budget

	FY 25-26 AMENDED BUDGET	FY 25-26 ESTIMATED ACTUALS	FY 25-26 CARRYOVER TO FY 26-27	NEW FUNDING FOR FY 26-27	TOTAL FY 26-27 BUDGET
Asset Management					
Equipment Replacement	2,111,479	2,100,831	TBD	619,000	619,000
Major Rehabilitation	1,445,775	1,407,000	TBD	1,230,000	1,230,000
Major Capital Outlay	207,730	207,000	TBD	980,000	980,000
TOTAL Asset Management	**$3,764,984**	**$3,714,831**	**TBD**	**$2,829,000**	**$2,829,000**

The AMCP budget is described below by category.

Equipment Replacement - Budget

The FY 26-27 Capital Programs budget includes $619,000 in Equipment Replacement purchases that are identified on the table below.

Equipment Replacement	
Description	**FY 26-27 Proposed Budget**
Waste Heat Radiator, Digester	$100,000
Annual Equipment Allocation, Digester Cleaning Pump, Actuators (x8)	100,000
Pickup Truck, Replace Chevrolet 2WD, Maintenance	65,000
Dilution Water Pump, Digesters	60,000
Digester Cleaning Pump, Digesters	50,000
Variable Frequency Drives (x6), Digester Mixers, Digesters	45,000
Electric Cart, GEM-EXLD, Facilities	35,000
Electric Cart, GEM, Operations	35,000
Actuator, Primary Diversion Gate, Pretreatment	33,000
Thickened Sludge Pump, Gravity Thickener	30,000
Transmission and Clutch Replacement, 10yd Dump Truck, Biosolids Management Facility (BMF)	29,000
Variable Frequency Drive, Dilution Water Pump, Digesters	15,000
Variable Frequency Drives (x2), Thickened Waste Activated Sludge Pump, Gravity Belt Thickener (GBT)	12,000
Variable Frequency Drives (x2), Waste Activated Sludge Pump, GBT	10,000
Total	$619,000

Radiator, Digesters – This radiator removes excess heat from the hot water loop. After 7 years of exposure to H2S gas, the heat exchanger has rusted and needs to be replaced. The other elements of the unit (i.e., frame, motor, fan) are still in good condition.

Annual Equipment Allocation – This allocation is for critical assets exposed to treatment conditions and high frequency usage that accelerate equipment wear. The digester cleaning pump needs to be replaced every 2-3 years due to the highly corrosive sludge and struvite pumped out of the digesters. The actuators at the Plant (x5) and BMF (x3) are obsolete, repair parts are unavailable, and the equipment will require immediate replacement upon failure.

Pickup Truck 2WD, Maintenance – This 20-year-old vehicle needs replacement given the multiple, reoccurring engine and accessory problems which Fleet Maintenance has been unable to repair.

Dilution Water Pump, Digesters – Installed in 1989, this pump is used to flush the digested sludge force main and slurry digester cleanings sent to BMF. It has been rebuilt multiple times and is now in need of full replacement.

Digester Cleaning Pump, Digesters – This pump is used to remove struvite, sand, and trash when cleaning a digester. It was previously rebuilt, and now both the rotor and stator need to be replaced.

Variable Frequency Drives (x6), Digester Mixers – These VFDs run the draft tube mixers on three of the four digesters. After 17 years of service, they have surpassed their service life.

Electric Cart, Facilities – This cart is used by Facility Maintenance staff at the treatment plant. It has operating control failures that make it unsafe to use.

Electric Cart, Operations – This cart is 9 years old and needs to be replaced with a model that better suits Operator needs when transporting samples and hand-held instruments.

Actuator, Primary Diversion Gate, Pretreatment – Installed in 2009, this actuator moves the large Primary Diversion Gate used during peak flow events. It has had multiple communication card failures which staff and the manufacturer have been unsuccessful in repairing.

Thickened Sludge Pump, Gravity Thickener – This pump transfers thickened sludge from the Gravity Thickener to the Digesters. It has required frequent, expensive rebuilds. After successfully working with a vendor on other pump replacements, staff intend to pilot test using a different style of pump.

Transmission and Clutch Replacement, Dump Truck, BMF – This dump truck is used at BMF to haul dewatered biosolids from the Dewatering Building to the Air Drying Beds. Rather than a complete replacement, just the transmission and clutch will be replaced.

Variable Frequency Drives, Digesters – Variable Frequency Drives (VFDs) associated with the dilution water pump.

Variable Frequency Drives (x2), Thickened Waste Activated Sludge Pump, GBT – These VFDs run the pump that transfers thickened waste activated sludge from the GBT to the Digesters. After 28 years of service, they have well exceeded their expected life, and parts have become difficult to find.

Variable Frequency Drives (x2), Waste Activated Sludge Pump, GBT – These VFDs operate the pumps that transfer waste activated sludge to the gravity belt thickener. These are similar in age to the VFDs for Thickened Waste Activated Sludge (TWAS) and parts are difficult to find.

Major Rehabilitation - Budget

The FY 26-27 Capital Programs budget includes $1,230,000 for Major Rehabilitation projects that are identified on the table below.

Major Rehabilitation Projects	
Description	**FY 26-27 Proposed Budget**
Spot Repairs and Recoating, Clarifier Rake Arms (x2), Secondary Clarifiers	$500,000
Waste Removal and Remediation, Brown Lane, BMF	250,000
Culvert Repair, Beneficial Reuse Site (BRS)	200,000
Culvert (New), BMF	120,000
Grout, Grit Collector/Head Cell Walls (x2), Pretreatment	110,000
Operations/Maintenance Building Improvements	50,000
Total	$1,230,000

Spot Repairs, Recoating, Clarifier Rake Arms (x2), Secondary – After being in service for 20 years, the protective coating on the steel collector mechanism truss is failing and needing to be replaced.

Waste Removal and Remediation, Brown Lane – Brown Lane property has approximately 7,500 cubic yards of soil contaminated with hemlock, trash, and rock (up to 1-foot in size). Staff will solicit a neighbor willing to take the material or a local pit accepting excavation spoils. If landfilling is necessary, staff will re-evaluate and then potentially return to the Commission to request additional funding.

Culvert Repair, BRS – The Beneficial Reuse Site (BRS) has multiple culverts that pass stormwater across the borders of the property. Three of these have completely rusted and need to be replaced.

Culvert, BMF – Drainage of site stormwater is discharged to the north of the facility. Unfortunately, this flows across a main gravel road which becomes deeply flooded during the rainy season. This work would include regrading and installation of new culvert to safely convey stormwater under the gravel road.

Grout, Grit Collector/Head Cell Walls (x2), Pretreatment – The Head Cell collects grit screened from the wastewater as part of Pretreatment. Large portions of grout in the head cell walls directing flow through the units have failed and need to be replaced.

Operations/Maintenance Building Improvements – Allocation for small-scale facility improvements.

Major Capital Outlay

The FY 26-27 Capital Program budget includes $980,000 for the Major Capital items listed below.

Major Capital Outlay	
Description	**FY 26-27 Proposed Budget**
Furniture, Media Equipment, Admin-Ops Building (upon P80104 completion)	$365,000
Cathodic Protection Testing Well, Secondary Clarifiers	150,000
Generator, 180 kW, Regional	130,000
COD Analyzers (x2), Plant	80,000
Service Van (New), Electrical Maintenance	70,000
Moisture Analyzer, RNG	60,000
Wash Water Booster Tank System, Belt Filter Presses, BMF	50,000
Harmonic Filters, W2 Pumps, Final	45,000
Mobile Flood Lights w/Generator, Towed, Emergency Response	30,000
Total	$980,000

Furniture, Media Equipment, Admin-Ops Building – Furnishings and media equipment for the larger building space and additional conference rooms once the Administration and Operations Building Project (P80104) is completed.

Cathodic Protection Testing Well, Secondary Clarifiers – A new testing well is needed to properly test the performance of the cathodic protection system on the secondary clarifiers. The well is used to obtain a reference conductivity of the surrounding soil.

Towed Generator, 180 kW, Regional Facilities – An additional regionally-owned generator sized to run almost all process areas in the plant and many of the pump stations.

COD Analyzers (x2), Plant – Carbonaceous Biochemical Oxygen Demand (CBOD is one of our NPDES permit parameters, but the test takes five days to return the result. Since Chemical Oxygen Demand (COD) is correlated with CBOD, a COD analyzer would provide real-time indication of likely CBOD values. This early notice would provide plant operators time to respond to any incoming constituent that may risk exceeding CBOD permit limits.

Service Van (New), Electricians – With the addition of FTE for electrical maintenance, a third service van is needed to allow staff to respond to multiple regional locations simultaneously (i.e., WPCF, BMF, pump stations).

Moisture Analyzer, RNG System – This analyzer is used to measure the moisture in the digester gas as it leaves the H2S filter vessels. The information is used to ensure there is sufficient water content in the filter media to maximize its life, thereby reducing downtime for media replacement.

Wash Water Booster Tank System, Belt Filter Presses – The current system design is prone to becoming air locked if not monitored closely. Installing a booster tank system would alert operators to make belt filter press adjustments early enough to prevent air locking.

Harmonic Filters, W2 Pumps, Final – The distance between the VFDs and W2 pumps is long, which results in harmonic frequencies that accelerate wear on the VFDs, conductors, and pump motors. The harmonic filters will remove this energy and prolong equipment life.

Mobile Flood Lights, Towed, Emergency Response – For use during power outages when other generators are deployed to keep the process equipment and pump stations operating, this enables staff to work more safely in the dark while restoring service.

Summary of FY 26-27 Asset Management Capital Program Budget

Category of Capital Expense	**FY 26-27 Proposed Budget**
Equipment Replacement	$619,000
Major Rehabilitation	1,230,000
Major Capital Outlay	980,000
TOTAL	**$2,829,000**

FY 27-28 Asset Management Capital Program Budget Planning

The AMCP consists of the following accounts, listed by category:

- Equipment Replacement
- Major Rehabilitation
- Major Capital Outlay

The AMCP budget planning (subject to change) is described below.

Equipment Replacement – Budget Forecast

The FY 27-28 Capital Programs budget includes $1,230,000 in Equipment Replacement purchases that are identified in the table below.

Equipment Replacement	
Description	**FY 27-28 Proposed Budget**
Motor, HP300, Raw Sewage (x5), Willakenzie Pump Station (PS)	$325,000
Motor Control Center, "A" and "B" Side (x2), Willakenzie PS	300,000
Irrigator, Center Pivot, BRS	200,000
Switchboard (x2), Willakenzie PS	200,000
Variable Frequency Drives (x2), Willakenzie PS	80,000
Trailer, 48' Lowboy, Facilities	65,000
Mercury Analyzer, MREX Low Level, ESB Metals Lab	40,000
Autoclave, Lab Wash, ESB	20,000
Total	$1,230,000

Motor, HP300, Raw Sewage Pumps, Willakenzie PS – These motors power five pumps at Willakenzie pump station, which is the largest MWMC pump station, and conveys Springfield flow to the WPCF.

Motor Control Center (x2), Willakenzie PS – This is the original 1984 equipment that provides power to the pump motors.

Irrigator, Center Pivot, BRS – Damage from theft has resulted in the need to replace the wiring and controller.

Switchboard (x2), Willakenzie PS – This equipment switches between electrical power sources for the Willakenzie pump station.

Variable Frequency Drives (x2), Willakenzie PS – These are the two remaining VFDs that have been experiencing premature failure.

Trailer, 48' Lowboy, Facilities – This trailer is used to haul taller loads such as the dredge.

Mercury Analyzer, MREX Low Level, ESB – Mercury analyzer replacement is needed to keep analysis up to date with technology and technical support. Low level mercury analysis is required for the MWMC NPDES permit.

Autoclave, Lab Wash, ESB – Existing autoclave has recurring maintenance issues. Autoclave failure could possibly risk NPDES permit noncompliance. Autoclave sterilization is required for microbiological analysis, high level mercury digestion, and phosphorus digestion.

Major Rehabilitation – Budget Forecast

The FY 27-28 Capital Programs budget includes $880,000 for Major Rehabilitation projects that are identified in the table below.

Major Rehabilitation Projects	
Description	**FY 27-28 Proposed Budget**
Spot Repairs and Recoating, Clarifier Rake Arms (x2), Secondary Clarifiers	$500,000
Dome Exterior Coatings (x2), Sludge Holding Tanks	300,000
Operations/Maintenance Building Improvements	50,000
MWMC Construction Trailer, Interior Rehab, Plant	30,000
Total	$880,000

Spot Repairs, Recoating, Clarifier Rake Arms (x2), Secondary – Periodic spot repairs to the coatings are necessary to continue to protect the steel structure.

Dome Exterior Coatings (x2), Sludge Holding Tanks – The exterior coating on the Sludge Holding Tanks is showing significant wear and needs to be repaired.

Operations/Maintenance Building Improvements – Allocation for small-scale facility improvements.

Interior Rehabilitation, MWMC Trailer, Plant – After twenty years of use, the trailer for Springfield construction management staff needs interior refurbishment (i.e., carpet, cupboards, partitions, doors).

Major Capital Outlay – Budget Forecast

The FY 27-28 Capital Program budget includes $0 for the Major Capital items listed below.

Major Capital Outlay	
Description	**FY 27-28 Proposed Budget**
Total	$0

Summary of FY 27-28 Asset Management Capital Program Budget Planning

Category of Capital Expense	**FY 27-28 Proposed Budget**
Equipment Replacement	$1,230,000
Major Rehabilitation	880,000
Major Capital Outlay	0
TOTAL	**$2,110,000**

5-Year Capital Plan (Exhibit 13)

For each fiscal planning cycle, only the first year of budget authority is appropriated. The remaining four years of the CIP and AMCP are important and useful for fiscal and work planning purposes. However, it is important to note that the funds in the outer years of the Capital Plan are only planned and not appropriated. For these multi-year contracts, unspent funds from the first fiscal year will typically be carried over to the next fiscal year until the project is completed. Accordingly, the RWP Capital Plan presented herein is a subsequent extension of the plan presented in the adopted FY 25-26 Budget that has been carried forward by one year to FY 26-27. Changes to the 5-Year Plan typically occur from year to year as more information becomes available and evaluated.

Exhibit 13 displays the MWMC 5-Year Capital Plan programs budget, which includes $171,300,000 in planned capital projects and $10,570,000 planned asset management capital projects for an overall 5-Year Capital Plan Budget of $181,870,000.

EXHIBIT 13

Regional Wastewater 5-Year Capital Program

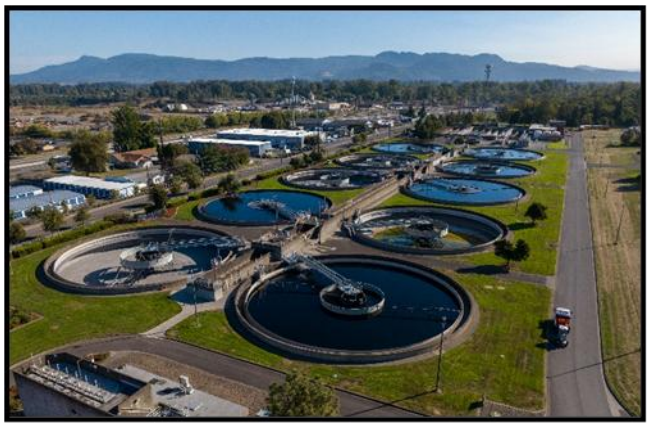
	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY 30-31	TOTAL
MWMC CAPITAL PROJECTS						
Planning						
Facility Plan Engineering Services	$300,000	$300,000	$200,000	$200,000	$220,000	$1,220,000
Partial Facility Plan Update (NPDES 9/2027)		400,000	300,000			700,000
Conveyance Systems						
Owosso Bridge Upgrades	1,100,000	3,800,000	1,800,000	300,000		7,000,000
Glenwood Pump Station Upgrade	600,000					600,000
East Bank Interceptor (EBI) Repairs		500,000	800,000	1,700,000	3,000,000	6,000,000
Improvements at WPCF, BMF, etc.						
Aeration System Upgrades (2023 to 2026)	13,000,000	12,000,000	2,500,000			27,500,000
Electrical Switchgear & Transformer Replacement	7,400,000	2,100,000				9,500,000
Repair Clarifiers & Final Treatment	3,600,000	8,000,000	7,700,000	3,000,000		22,300,000
Biosolids Improvements Study	3,500,000	6,000,000	7,600,000	10,500,000	13,200,000	40,800,000
Administration Building Improvements	3,000,000					3,000,000
Water Quality Trading Program	2,100,000	2,000,000	1,900,000	1,300,000	100,000	7,400,000
Resiliency Follow-Up	2,000,000	2,000,000	3,000,000	7,000,000	3,000,000	17,000,000
WPCF Boiler Upgrades	1,000,000	700,000	700,000	100,000		2,500,000
WPCF Storage	900,000	2,500,000	2,400,000			5,800,000
WPCF Stormwater Infrastructure	480,000					480,000
WPCF Thickening Upgrades	450,000	1,850,000	2,800,000	2,200,000		7,300,000
Asphalt Repairs		900,000	2,400,000	2,200,000		5,500,000
BMF Storage		700,000	3,300,000			4,000,000
Pretreat Screw Pump MCC Changes		250,000	250,000	200,000		700,000
Study WPCF Septage Station		200,000				200,000
Connections for Emergency Generator			250,000			250,000
Cell Tower Evaluation			100,000			100,000
Study Fat-Oil-Grease (FOG) Receiving Station				350,000	100,000	450,000
Repair Aeration, Clarifiers, Outfall Control Structure					1,000,000	1,000,000
TOTAL CAPITAL PROJECTS	***$39,430,000***	***$44,200,000***	***$38,000,000***	***$29,050,000***	***$20,620,000***	***$171,300,000***
ASSET MANAGEMENT						
Equipment Replacement	619,000	1,230,000	306,000	820,000	185,000	3,160,000
Major Rehabilitation	1,230,000	880,000	700,000	3,620,000		6,430,000
Major Capital Outlay	980,000					980,000
TOTAL ASSET MANAGEMENT	***$2,829,000***	***$2,110,000***	***$1,006,000***	***$4,440,000***	***$185,000***	***$10,570,000***
MWMC TOTAL CAPITAL PROJECTS	**$42,259,000**	**$46,310,000**	**$39,006,000**	**$33,490,000**	**$20,805,000**	**$181,870,000**

Attachment 2

CAPITAL PROJECT DETAIL

Attachment 2

FACILITY PLAN ENGINEERING SERVICES (P80110)



Description: Engineering/technical/vendor services for analysis, project definition, cost estimating, design feedback, follow up approvals, and general consultation regarding the MWMC Facilities Plan follow up support. The related project P80090 for consultant services was closed out in FY 21-22.

Status: Pursuant to the issuance of the 2022 NPDES permit, MWMC representatives began updating the Facilities Plan under P80101 and will need follow up support via P80110 Facility Plan Engineering Services. As required by the NPDES permit #102486 (page 12 and 38) and before September 15, 2025, the MWMC completed the inspection of the treatment plant outfall system via P80110 funding.

Justification: Consultant services to provide ongoing technical and engineering services as needed after the MWMC Comprehensive Facilities Plan Update (P80101).

Project Driver: Ongoing engineering/technical/vendor services via P80110.

Project Trigger: Ongoing need.

Estimated Project Cost: $1,520,000 (2025 to 2031)

Estimated Cash Flow: FY 25-26 = $300,000; FY 26-27 = $300,000; FY 27-28 = $300,000; FY 28-29 = $200,000; FY 29-30 = $200,000; FY 30-31 = $220,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$0	$0	$0	$0	$0	$0
Other	0	300,000	300,000	300,000	200,000	200,000	220,000	1,520,000
Total Cost	**$0**	**$300,000**	**$300,000**	**$300,000**	**$200,000**	**$200,000**	**$220,000**	**$1,520,000**

OWOSSO BRIDGE SEISMIC UPGRADES (P80116)

Description: This project was identified in the Disaster Mitigation and Recovery Plan (March 2020). The MWMC owns the Owosso Bridge (constructed in 1982) and has infrastructure attached to the bridge. This project would provide seismic upgrades to the bridge.

Status: Under the MWMC project P80109 work related to the Owosso Bridge, the MWMC received a geotechnical seismic analysis consultant report dated June 23, 2022. In August 2022, an engineering consultant provided updated cost estimates for Owosso Bridge seismic retrofits. The MWMC submitted for grant funding but was not successful in 2025 for the P80116 design and construction project.

Justification: The MWMC's facilities and wastewater conveyance/treatment services are integral to protection of the community and public health following a major disaster such as the anticipated Cascadia Subduction Zone Earthquake.

Project Driver: Cost effectively ensure reasonable recovery of MWMC's core facilities and services following major disaster impacts after earthquake and/or flooding.

Project Trigger: Ongoing effort to address level of service recommendations/improvements from the Disaster Mitigation and Recovery Plan dated March 2020 (older project P80096).

Estimated Project Cost: $7,000,000 (evaluate cost estimating during design development)

Estimated Cash Flow: FY 26-27 = $1,100,000; FY 27-28 = $3,800,000; FY 28-29 = $1,800,000; FY 29-30 = $300,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$1,100,000	$3,800,000	$1,800,000	$300,000	$0	$7,000,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$0**	**$0**	**$1,100,000**	**$3,800,000**	**$1,800,000**	**$300,000**	**$0**	**$7,000,000**

GLENWOOD PUMP STATION UPGRADE (P80064)

Description: Expand Glenwood pump station capacity to accommodate growth and meet Oregon Department of Environmental Quality (DEQ) wastewater pump station design requirements. The pump station was designed with stalls for additional pumps. Two pumps were installed in 1995 with space for two additional pumps to be added when wastewater flow to the pump station increases with development of the Glenwood and Laurel Hill basins. In 2019, the P80096 Resiliency Planning study recommended onsite geotechnical evaluation and additional improvements.

Status: As of January 2026, the project is in the construction phase and the design consultant is reviewing construction submittals. P80064 construction completion is anticipated by October/November of 2026.

Justification: Additional pumping capacity will be required at this MWMC pump station to handle increasing flows in the Glenwood area (Springfield) and the Laurel Hill area (Eugene).

Project Driver: Oregon DEQ wastewater pump station redundancy requirements and 2019 Resiliency study recommendations.

Project Trigger: Information from 2023 onsite testing of existing pump/pipe system identified the need to upgrade the Glenwood pump station.

Estimated Project Cost: $2,600,000

Estimated Cash Flow: FY 20-21 = $1,426; FY 21-22 = $43,259; FY 22-23 = $106,469; FY 23-24 = $155,812; FY 24-25 = $537,352; FY 25-26 = $1,155,682; FY 26-27 = $600,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$844,318	$1,155,682	$600,000	$0	$0	$0	$0	$2,600,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$844,318**	**$1,155,682**	**$600,000**	**$0**	**$0**	**$0**	**$0**	**$2,600,000**

AERATION SYSTEM UPGRADES [2023-2026] (P80113)

Description: In 2020 and 2021, Brown and Caldwell evaluated the existing aeration systems and provided recommendations in January 2022 via project P80100. The P80113 project will implement the design and construction of additional upgrades/changes to the existing aeration systems by year 2028.

Status: As of January 2026, the construction notice to proceed was on June 24, 2025 and final completion is anticipated by end of 2028. Construction product/equipment submittals are being reviewed and processed back to the P80113 contractor (Pacific Excavation).

Justification: Update aging (1984) equipment/systems such as piping, electrical, communication technology, blowers, HVAC, and other components related to the aeration system which is part of the secondary treatment process.

Project Driver: Ongoing efforts to keep MWMC existing systems reliable and achieve required performance outcomes related to the National Pollution Discharge Elimination System (NPDES) permit #102486.

Project Trigger: Need to address aging aeration systems for reliability and performance upgrades.

Estimated Project Cost: $40,000,000

Estimated Cash Flow: FY 22-23 = $804,235; FY 23-24 = $1,737,423; FY 24-25 = $1,255,619; FY 25-26 = $8,702,723; FY 26-27 = $13,000,000; FY 27-28 = $12,000,000; FY 28-29 = $2,500,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$3,797,277	$8,702,723	$13,000,000	$12,000,000	$2,500,000	$0	$0	$40,000,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$3,797,277**	**$8,702,723**	**$13,000,000**	**$12,000,000**	**$2,500,000**	**$0**	**$0**	**$40,000,000**

ELECTRICAL SWITCHGEAR & TRANSFORMER REPLACEMENT (P80115)

Description: The main electrical switchgear at the Water Pollution Control Facility (WPCF) and Willakenzie Pump Station (WPS) were installed in 1983 during construction of the MWMC regional facilities. The purpose of the equipment is to take utility power and provide it to various process areas with the use of switches. Within the switchgear are medium voltage breakers to safely isolate the facility from the electricity provider (EWEB), as well as protect the utility from electrical faults at the site. This project will replace and upgrade the existing switchgears and medium voltage transformers.

Status: As of January 2026, the P80115 project is under construction with project completion anticipated by end of 2027. Two new transformers have been replaced.

Justification: The main electrical switchgear for the WPCF and the WPS have reached the end of their service life and need to be replaced. Several medium voltage (MV) transformers throughout both sites are in similar condition.

Project Driver: Main switchgear and MV transformers are of paramount importance to plant operations. Replacing switchgear is a major undertaking that involves large temporary power sources, specialized contractors, long equipment lead times, manufacturer field testing, and significant coordination to reduce disruption to plant operation.

Project Trigger: The September 2022 condition assessment, coupled with recent arcing events, has concluded the switchgear at the WPCF and WPS have reached the end of their useful life and need to be replaced, and it is anticipated that the MV transformers are not far behind.

Estimated Project Cost: $17,000,000 (budget was reduced after construction bid received August 13, 2024)

Estimated Cash Flow: FY 22-23 = $117,538; FY 23-24 = $730,231; FY 24-25 = $776,445; FY 25-26 = $5,875,786; FY 26-27 = $7,400,000; FY 27-28 = $2,100,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$1,624,214	$5,875,786	$7,400,000	$2,100,000	$0	$0	$0	$17,000,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$1,624,214**	**$5,875,786**	**$7,400,000**	**$2,100,000**	**$0**	**$0**	**$0**	**$17,000,000**

REPAIR CLARIFIERS & FINAL TREATMENT (P80118)

Description: In 2023, condition assessment efforts found existing structures needing concrete rehabilitation and other repair work related to primary clarifiers #1 and #3 and the final treatment chlorine contact basins originally constructed in 1980 and 1983, respectively. This project will look for solutions to repair and/or replace existing concrete and other systems related to MWMC past construction contracts C2 (primary treatment) and C6 (final treatment).

Status: As of January 2026, the design consultant is creating the 90% design package for upcoming project team review and the design workshop is scheduled for February 12, 2026.

Justification: Need to continue fixing aging infrastructure based on existing conditions and risk.

Project Driver: Repair and/or replace existing infrastructure.

Project Trigger: Fix structural system issues before impacting the MWMC treatment plant process.

Estimated Project Cost: $23,000,000 (evaluate cost estimates during design development)

Estimated Cash Flow: FY 24-25 = $16,974; FY 25-26 = $683,026; FY 26-27 = $3,600,000; FY 27-28 = $8,000,000; FY 28-29 = $7,700,000; FY 29-30 = $3,000,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$16,974	$683,026	$3,600,000	$8,000,000	$7,700,000	$3,000,000	$0	$23,000,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$16,974**	**$683,026**	**$3,600,000**	**$8,000,000**	**$7,700,000**	**$3,000,000**	**$0**	**$23,000,000**

BIOSOLIDS IMPROVEMENTS STUDY (P80122)



Description: Biosolids are a valuable resource recovered during the processing of wastewater. The Biosolids Management Facility (BMF) is currently overloaded with solids in the four Facultative Sludge Lagoons (FSLs). Solids overloading in the FSLs is causing operating inefficiencies and stressing the land application program. This project will study solids loading addressing near-term capacity and identifying phased alternate analysis recommendations and implementation not limited to FSL expansion, Air Drying Bed (ADB) expansion, covered storage, new technologies, landfill disposal, and Class A biosolids production.

Status: In 2026, the project team will be scoping the project priorities and seeking consultant services. The P80122 project is anticipated to recommend a phased approach of changes and upgrades.

Justification: Solids overloading is currently causing FSL processing issues, dewatering inconsistencies, and complicating the loss of land available for land application of biosolids.

Project Trigger: Processing constraints within the FSLs are jeopardizing the ability to achieve 100% beneficial use of biosolids. In 2025, the availability of land for biosolids application through the cooperative farm program significantly declined—from 4,000 acres to only 480 acres, posing a substantial challenge to sustainable biosolids management.

Estimated Project Cost: $91,000,000 (ongoing evaluation about cost and solutions)

Estimated Cash Flow: FY 25-26 = $150,000; FY 26-27 = $3,500,000; FY 27-28 = $6,000,000; FY 28-29 = $7,600,000; FY 29-30 = $10,500,000; FY 30-31 = $13,200,000 and future cost to be determined based on solutions implemented

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$3,500,000	$6,000,000	$7,600,000	$10,500,000	$13,200,000	$40,800,000
Other	0	150,000	0	0	0	0	0	150,000
Total Cost	**$0**	**$150,000**	**$3,500,000**	**$6,000,000**	**$7,600,000**	**$10,500,000**	**$13,200,000**	**$40,950,000**

ADMINISTRATION BUILDING IMPROVEMENTS (P80104)

Description: This project will address the Administration/Operations Building workspace needs at the Water Pollution Control Facility (WPCF). It is a follow up to the 2018-2019 construction of the P80085 new laboratory building and expansion of the existing maintenance building. In 2019, the P80096 Resiliency Planning study recommended: a) constructing a new building for immediate occupancy/use after a major natural disaster, or b) upgrade the existing building for immediate occupancy post-earthquake (magnitude 9.0 event).

Status: As of January 2026, the P80104 project is in the construction phase with most of the exterior structure and roof completed. Project completion is anticipated by late 2026.

Justification: The original design and construction of the Administration/Operations Building was completed February 1982 under older building codes. The redesign and reconstruction of the building would address daily work and level of service goals after a natural disaster (earthquake or flooding).

Project Driver: The need to update the existing Administration/Operations building is driven by the necessity to provide a safe and efficient work environment. The new building also addresses the P80096 recommended level of service goals to operate after a Cascadia Zone earthquake.

Project Trigger: Expansion and changes needed for functionality, safety, and natural disaster resiliency.

Estimated Project Cost: $28,000,000

Estimated Cash Flow: FY 20-21 = $17,937; FY 21-22 = $209,786; FY 22-23 = $1,317,424; FY 23-24 = $941,342; FY 24-25 = $4,466,982; FY 25-26 = $18,046,529; FY 26-27 = $3,000,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$6,953,471	$18,046,529	$3,000,000	$0	$0	$0	$0	$28,000,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$6,953,471**	**$18,046,529**	**$3,000,000**	**$0**	**$0**	**$0**	**$0**	**$28,000,000**

WATER QUALITY TRADING PROGRAM (P80112)

Description: The MWMC Water Quality Trading Program secures regulatory credits for meeting thermal load reduction through watershed restoration. The program fulfills the objectives of the Water Quality Trading Plan under the MWMC NPDES permit as approved November 2022, which defines the MWMC eligible trading area in the upper Willamette basin. The program is implemented via the MWMC's contractor-provided Credit Program Manager services with support of the MWMC's membership in the Pure Water Partners. Water quality trading credits comprise the MWMC's primary strategy for thermal load limit compliance.

Status: The MWMC has a DEQ-approved Water Quality Trading Plan for NPDES permit compliance. As of March 2019, the MWMC procured The Freshwater Trust (www.thefreshwatertrust.org) as the Credit Program Manager. As of November 2022, the MWMC has an agreement with The Freshwater Trust to implement the permit-compliance water quality trading program scope of work to meet the 5-year credit timeline of the NPDES permit Compliance Schedule through 2027. Credits established through 2027 are invoiced over 4-year installments as registered and continue to be monitored and maintained for a period of 20 years. As of December 2025, the MWMC recorded 106 Mkcal/day of credits out of a 5-year target of 200 Mkcal/day.

Justification: The Water Quality Trading Program will help provide cost-effective strategies for most of the thermal load compliance dates as required under the MWMC NPDES permit #102486 renewed in November 2022.

Project Driver: Implementation of thermal load limits in the MWMC's 2022 NPDES permit.

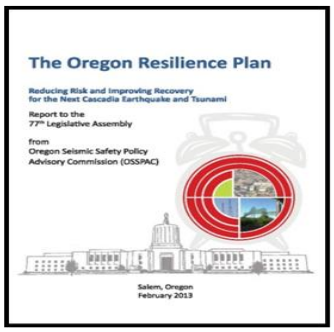
Project Trigger: The NPDES permit renewal includes a 15-year Compliance Schedule with a 5-year milestone of 200 Mkcal/day of credits due by October 2027.

Estimated Project Cost: $13 million (timing estimate from 2022 to 2034)

Estimated Cash Flow: FY 22-23 = $760,026; FY 23-24 = $896,865; FY 24-25 = $1,500,000; FY 25-26 = $2,443,109; FY 26-27 = $2,100,000; FY 27-28 = $2,000,000; FY 28-29 = $1,900,000; FY 29-30 = $1,300,000; FY 30-31 = $100,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$0	$0	$0	$0	$0	$0
Other	3,156,891	2,443,109	2,100,000	2,000,000	1,900,000	1,300,000	100,000	13,000,000
Total Cost	**$3,156,891**	**$2,443,109**	**$2,100,000**	**$2,000,000**	**$1,900,000**	**$1,300,000**	**$100,000**	**$13,000,000**

RESILIENCY FOLLOW-UP (P80109)



Description: This project provides follow-up evaluation and some implementation of the P80096 Resiliency Study (Disaster Mitigation and Recovery Plan - dated March 2020). The 2019 study recommended seismic and flooding mitigation projects estimated at $34.6 million to be coordinated with the MWMC ongoing infrastructure/facilities construction program. The main objective is to address "level of service" goals before a natural disaster such as a 9.0 magnitude earthquake or major flooding. Also, the MWMC should continue to communicate with the agencies that prepare for natural disasters that relate to the Eugene/Springfield community.

Status: As of January 2026, resiliency upgrades are in the construction phase for P80104 Operations Building, P80064 Glenwood Pump Station, and P80113 Aeration System.

Justification: The MWMC's facilities and wastewater conveyance and treatment services are integral to protection of the community and public health following a major disaster such as the anticipated Cascadia Subduction Zone Earthquake and/or major flooding.

Project Driver: Cost effectively ensure reasonable recovery of MWMC's core facilities and services following major disaster impacts after earthquake or flooding.

Project Trigger: Follow-up to the P80096 consultant recommendations dated March 2020.

Estimated Project Cost: Mitigation recommendations estimate: $34.6 million (2019 dollars)

Estimated Cash Flow: FY 20-21 = $4,092; FY 21-22 = $173,133; FY 22-23 = $13,408; FY 23-24 = $1,920; FY 24-25 = $0; FY 25-26 = $378,080; FY 26-27 = $2,000,000; FY 27-28 = $2,000,000; FY 28-29 = $3,000,000; FY 29-30 = $7,000,000; FY 30-31 = $3,000,000, & continue the mitigation work estimated over $34 million

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$378,080	$2,000,000	$2,000,000	$3,000,000	$7,000,000	$3,000,000	$17,378,080
Other	192,553	0	0	0	0	0	0	192,553
Total Cost	**$192,553**	**$378,080**	**$2,000,000**	**$2,000,000**	**$3,000,000**	**$7,000,000**	**$3,000,000**	**$17,571,000**

WPCF BOILER UPGRADES (P80121)

Description: The boiler serves as the main source for Water Pollution Control Facility (WPCF) heat, including wastewater treatment processes, and the engine generator (EG) is used either for backup in the summer or to help with peak heat demand in the winter. This project will review existing heating plant study results and replace the EG with an additional boiler capable of 100% redundancy for meeting peak heating demand.

Status: As of January 2026, the MWMC project team issued a request for proposal (RFP) for consultant services and proposals are due on February 10, 2026. The P80121 budget in FY 25-26 is $450,000 to startup the project.

Justification: The existing boiler and EG cannot provide total redundant heat at peak demand for the four digesters and WPCF heat load. Additionally, the existing boiler is not equipped with reliable sensors and communication devices.

Project Driver: Providing continuous and reliable heat is a primary concern for WPCF Operations and is required to meet NPDES permit conditions and DEQ reliability criteria. With the addition of digester #4, the process load on the system has the potential to exceed the capacity of the heating plant if the existing boiler becomes inoperable.

Project Trigger: During the Comprehensive Facilities Plan (P80101) project multiple significant deficiencies were documented. The WPCF boiler fuel control strategy requires an update to better manage the use of digester gas (DG) and natural gas (NG). Additionally, enhancements to the manual fuel selection override are needed to allow seamless switching between fuel sources. An upgrade to the hot water thermostat is also necessary, including the ability to set and adjust temperature setpoints. Finally, a manual boiler restart function should be implemented to ensure reliable operation.

Estimated Project Cost: $2,700,000 (evaluate cost estimates during design development)

Estimated Cash Flow: FY 25-26 = $200,000; FY 26-27 = $1,000,000; FY 27-28 = $700,000; FY 28-29 = $700,000; FY 29-30 = $100,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$200,000	$1,000,000	$700,000	$700,000	$100,000	$0	$2,700,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$0**	**$200,000**	**$1,000,000**	**$700,000**	**$700,000**	**$100,000**	**$0**	**$2,700,000**

WPCF STORAGE (P80123)

Description: Covered storage space is limited, and existing facilities are operating at full capacity, resulting in inefficiencies in the storage of materials and equipment. This project will study and implement both increased covered storage and improve existing storage with options.

Status: Project funding proposed with FY 26-27 budget.

Justification: Current storage limitations and immediate needs include expanded covered storage for large equipment, dry storage for RNG media, and upgraded facilities for equipment and parts inventory.

Project Driver: Due to the lack of adequate covered storage, new materials and critical equipment are currently stored outdoors and exposed to environmental conditions.

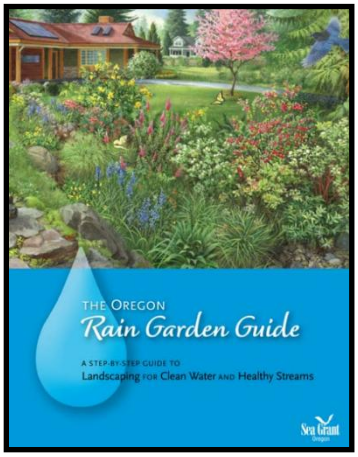
Project Trigger: During the Comprehensive Facilities Plan (P80101) project storage deficiencies were identified including the lack of covered outdoor storage at the WPCF. The Equipment Maintenance Building has reached maximum storage capacity, lacks proper truck docking and staging space, and items needed are not stored onsite and available due to space limitations. The electrical shop room requires more staff workspace. The Oil (and Flammable) Storage Building lacks secondary containment. Both the South Storage Building and the Final Treatment Building are at storage capacity. The MWMC permanent archive as required by State of Oregon record retention regulatory requirements is housed upstairs in the decommissioned Dewatering Centrifuge Facility.

Estimated Project Cost: $5,800,000 (evaluate cost estimating during design development)

Estimated Cash Flow: FY 26-27 = $900,000; FY 27-28 = $2,500,000; FY 28-29 = $2,400,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$900,000	$2,500,000	$2,400,000	$0	$0	$5,800,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$0**	**$0**	**$900,000**	**$2,500,000**	**$2,400,000**	**$0**	**$0**	**$5,800,000**

WPCF STORMWATER INFRASTRUCTURE (P80111)



Description: Retrofit and/or change existing stormwater infrastructure at the Water Pollution Control Facility (WPCF). Also, if needed, update the WPCF Conditional Use Permit (CUP) related to stormwater infrastructure planning for upcoming construction.

Status: As of January 2026, Jacobs staff provided a Stormwater Master Plan (SWMP) dated December 16, 2021, with consultant recommendations including the need to update the WPCF existing CUP related to stormwater systems. Staff continues to monitor the MWMC upcoming construction projects and P80101 facilities planning consultant recommendations.

Justification: WPCF existing stormwater and drainage systems need to be retrofitted and/or changed for upcoming construction permit approvals.

Project Driver: Maintain compliance with local and state stormwater requirements at the WPCF.

Project Trigger: Each infrastructure hard-surface change at the WPCF can trigger stormwater quality and quantity onsite controls related to project permit requirements.

Estimated Project Cost: $600,000 (continue to evaluate cost of updating WPCF CUP if required for stormwater, retrofit existing three bioswales to rain gardens, add new rain gardens, and/or system changes)

Estimated Cash Flow: FY 25-26 = $120,000; FY 26-27 = $480,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$120,000	$480,000	$0	$0	$0	$0	$600,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$0**	**$120,000**	**$480,000**	**$0**	**$0**	**$0**	**$0**	**$600,000**

WPCF THICKENING UPGRADES (P80124)

Description: The pumping of solids and sludge through pipes at the proper water content is critical to Water Pollution Control Facility (WPCF) operations and equipment. The sludge piped from the primary clarifiers to the digesters is not moving or materializing as designed and additional sub-performance is identified in multiple sludge pumping facilities. This project will perform a primary/gravity thickened sludge hydraulic analysis and provide WPCF equipment optimization recommendations.

Status: Begin the P80124 project in FY 26-27.

Justification: Multiple pump performance and configuration issues restricting solids pumping and management at the WPCF.

Project Driver: The primary treatment gravity thickener installed in 2014 is rarely used as cannot reliably exceed 5% solids sludge pumping required from primary clarifiers. Compaction is used to thicken sludge in the digesters with study results needed to determine optimal pumping configuration.

Project Trigger: During the Comprehensive Facilities Plan (P80101) project, solids handling deficiencies were documented including the Primary Sludge rotary lobe pump system upgrades needed to meet design capacity. The Return Activated Sludge (RAS) pump rates exceed maximum design flow and are generally suboptimal in addition to being wasteful. The Gravity Belt Thickener (GBT) pumps require corrective maintenance and need to be upsized to meet full capacity of feed lines and GBT capacity. At the end of the planning the capacity assessment predicts that the GBT solids loading rate will approach design maximum with one unit in service.

Estimated Project Cost: $7,300,000

Estimated Cash Flow: FY 26-27 = $450,000; FY 27-28 = $1,850,000; FY 28-29 = $2,800,000; FY 29-30 = $2,200,000

	Prior Years	2025-26 Est. Act.	2026-27	2027-28	2028-29	2029-30	2030-31	Total
EXPENDITURE/CATEGORY:								
Design/Construction	$0	$0	$450,000	$1,850,000	$2,800,000	$2,200,000	$0	$7,300,000
Other	0	0	0	0	0	0	0	0
Total Cost	**$0**	**$0**	**$450,000**	**$1,850,000**	**$2,800,000**	**$2,200,000**	**$0**	**$7,300,000**

Acronyms and Explanations

Attachment 2

ACRONYMS AND EXPLANATIONS

AMCP – Asset Management Capital Program. The AMCP implements the projects and activities necessary to maintain functionality, lifespan, and effectiveness of the MWMC facility assets on an ongoing basis. The AMCP is administered by the City of Eugene for the MWMC.

BMF – Biosolids Management Facility. The Biosolids Management Facility is an important part of processing wastewater where biosolids generated from the treatment of wastewater are turned into nutrient rich, beneficial organic materials.

BRS– Beneficial Reuse Site. Formerly called the Seasonal Industrial Waste (SIW) facility, it includes a lagoon, control structure, and pipeline to the treatment plant. This location also includes pivot irrigators connected to a groundwater well. MWMC acquired the land and facilities in 1998 when Agripac ceased operations.

CIP – Capital Improvements Program. This program implements projects outlined in the 2004 Facilities Plan and includes projects that improve performance or expand treatment or hydraulic capacity of existing facilities.

CMOM – Capacity Management and Maintenance Program. The CMOM program addresses wet weather issues such as inflow and infiltration with the goal to eliminate sanitary sewer overflows to the extent possible and safeguard the hydraulic capacity of the regional wastewater treatment facility.

CWSRF – Clean Water State Revolving Fund. The Clean Water State Revolving Fund loan program is a federal program administered by the Oregon DEQ that provides low-cost loans for the planning, design and construction of various water pollution control activities. (DEQ)

EBI – East Bank Interceptor is designed to convey sewage with specific connections linking areas in Glenwood and Springfield across the Willamette River to the main treatment system.

EMS – Environmental Management System. An EMS is a framework to determine the environmental impacts of an organization's business practices and develop strategies to address those impacts.

ESD – Environmental Services Division. The ESD is a division of the City of Springfield's Development and Public Works Department that promotes and protects the community's health, safety, and welfare by providing professional leadership in the protection of the local environment, responsive customer service, and effective administration for the Regional Wastewater Program.

GBT – The Gravity Belt Thickener is equipment used to reduce water content from activated sludge through gravity draining and then the addition of polymer to help flocculate the solids (i.e., improve water separation). The thickened sludge is then piped to the Sludge Holding Tanks (SHTs) and the anaerobic digesters for further processing.

IGA – Intergovernmental Agreement. Pursuant to ORS 190.010, ORS 190.080, and ORS 190.085, the IGA is an agreement between the cities of Eugene and Springfield and Lane County that created the MWMC as an entity with the authority to provide resources and support as defined in the IGA for the Regional Wastewater Program.

MWMC – Metropolitan Wastewater Management Commission. The MWMC is the Commission responsible for the oversight of the Regional Wastewater Program. In this role, the MWMC protects the health and safety of our local environment by providing high-quality management of wastewater conveyance and treatment to the Eugene-Springfield community. The Commission is responsible for the oversight of the Regional Wastewater Program.

NPDES – National Pollutant Discharge Elimination System permit. The NPDES permit program is administered by the Oregon Department of Environmental Quality (DEQ) in fulfillment of federal Clean Water Act requirements. The NPDES permit includes planning and technology requirements as well as numeric limits on effluent water quality.

RNG – Renewal Natural Gas Upgrades consisting of biogas purification facilities at the treatment plant and connection to the Northwest Natural utility grid. Together, the system allows the MWMC to sell the upgraded gas (RNG) as a renewable fuel through offtake agreements.

RWP – Regional Wastewater Program. Under the oversight of the MWMC, the purpose of the RWP is to protect public health and safety and the environment by providing high quality wastewater management services to the Eugene-Springfield metropolitan area. The MWMC and the regional partners are committed to providing these services in a manner that will achieve, sustain, and promote balance between community, environmental, and economic needs while meeting customer service expectations.

SDC – System Development Charge. SDCs are charges imposed on development so that government may recover the capital needed to provide sufficient capacity in infrastructure systems to accommodate the development.

SRF – Clean Water State Revolving Fund. The Clean Water State Revolving Fund loan program is a federal program administered by the Oregon DEQ that provides low-cost loans for the planning, design and construction of various water pollution control activities. (DEQ)

SSO – Sanitary Sewer Overflows. Discharges of raw sewage.

TMDL – Total Maximum Daily Load. The federal Clean Water Act defines *Total Maximum Daily Load* as the maximum amount of any pollutant that can be safely assimilated by a waterway in one day without significant degradation of water quality.

TSS – Total Suspended Solids. Organic and inorganic materials that are suspended in water.

TWAS – Thickened Waste Activated Sludge is the result of the thickening process to reduce the water content and increase the solids concentration. TWAS comes from the biological treatment stage (i.e., the aeration basins, secondary treatment) and then piped back to the digesters.

WPCF – Regional Water Pollution Control Facility. The WPCF is a state-of-the-art facility providing treatment of the wastewater coming from the Eugene/Springfield metropolitan area. The WPCF is located on River Avenue in Eugene. The treatment plant and 49 pump stations distributed across Eugene and Springfield operate 24 hours a day, 7 days a week, 365 days a year to collect and treat wastewater from homes, businesses and industries before returning the cleaned water, or effluent, to the Willamette River. Through advanced technology and processes, the facility cleans, on average, up to 30 million gallons of wastewater every day.

WWFMP – Wet Weather Flow Management Plan. This plan evaluated and determined the most cost-effective combination of collection system and treatment facility upgrades needed to manage excessive wet weather wastewater flows in the Eugene/Springfield metropolitan area.

Metropolitan Wastewater
MANAGEMENT COMMISSION

partners in wastewater management

M E M O R A N D U M

DATE:	April 2, 2026
TO:	MWMC Board
FROM:	Nicolas Thrasher, Civil Engineer
SUBJECT:	Aeration Systems Upgrade (P80113) Design Contract Amendment
ACTION REQUESTED:	Approval of Resolution 26-05 (Attachment 1)

ISSUE

Additional design and construction support services are needed to complete construction of the Aerations Systems Upgrades Project (P80113). The cost of these services exceeds the amendment authority of the MWMC Executive Director. Staff requests approval of Resolution 26-05 to authorize additional design and construction support services needed to complete the project.

BACKGROUND

The Aeration System is a critical piece of the Water Pollution Control Facility (WPCF) infrastructure, consisting of eight aeration basins that were originally built in the 1980s with bubble diffusers that are supplied by air generated by five (5) original Hoffman centrifugal blowers and one (1) Neuros turbo blower installed in 2014. The demand for air in the aeration system has grown, requiring the current design upgrades for the five (5) remaining original blowers, replacing them with two (2) new Neuros turbo blowers. Additional elements included in this upgrades project through selection of alternative work items at the time of bid were: Secondary Control Complex (SCC) building seismic upgrades and roof replacement, baffle wall seismic upgrades and replacement of the fine bubble diffuser system.

P80113 began in early 2020 when the Board approved Resolution 20-02 to award a Not-to-Exceed contract in the amount of $995,000 to design consultant Brown and Caldwell for the Aeration Improvement Engineering Services Project (P80100) to analyze alternatives for design. In April of 2022, the Board approved Resolution 22-03 to enter into a $4,500,000 contract, with $675,000 (15%) of change order authority, with Brown and Caldwell for the complete design of selected alternatives and construction support services for P80113. The total authorized contract value under Resolution 22-03, inclusive of change order authority, is $5,175,000.

Brown and Caldwell's design of P80113 was completed in March 2025 and bids were received on April 23, 2025. The MWMC selected bid alternatives 1, 2, 3 and 5 to include baffle wall upgrades, SCC

building seismic upgrades and roof replacement, and the fine bubble diffuser system replacement.

The P80113 project is currently in active construction with Pacific Excavation as the general contractor. Pacific Excavation and WPCF operations team are working together to prepare and set up a re-directed flow path to isolate the work zone inside the Primary Effluent channels related to the aeration basins and secondary clarifiers. This work is scheduled for early summer 2026.

DISCUSSION

The total project budget for the P80113 Aeration Systems Upgrades project is $40,000,000 and spans multiple years. $4,500,000 of the total project budget was the original not-to-exceed contract amount with Brown and Caldwell for core (and optional) design services and services during permitting, bidding and construction.

Design contract amendment #1 was executed on May 14th, 2024, for work associated with the Secondary Control Complex (SCC) for design and bid services in the amount of $123,930. Amendment #2 was executed on November 5th, 2025, for additional work during design, including pipe stress analysis throughout the system and for services during construction that were projected to be insufficient due to additional design needs for the SCC building. Amendment #2 resulted in an additional amount of $192,417, and a current revised consultant contract value of $4,816,347. Amendments #1 and 2 used a total of $316,347 of contingency, which means $358,653 of the original $675,000 remains available.

Staff anticipated that a third amendment would be needed for other foreseen costs and held off on gathering full information necessary as costs would likely require an increase in amendment authority. These costs include additional engineering services during construction resulting from a longer than originally projected construction period and additional work items incorporated into Amendment #1 and #2. Timing to perform the additional work item of pipe stress analysis on process piping of the aeration basin system and implement the required design changes in construction required selected items to be expedited. The remainder of requested funds were held off for a third amendment, with the understanding that additional funding authority from the MWMC Board would be necessary.

Due to the lengthened construction window and corresponding engineering support services during construction, Brown and Caldwell has discussed with project staff the necessary additional consultant hours and costs to see the project through to completion. These discussions have included modeling assistance for operations staff during basin shutdowns, additional RFI submittals, record drawing assistance, and other associated project management tasks. Staff has been reviewing the requested Amendment #3 fee of $677,587, and is identifying optional tasks and cost-effectiveness prior to drafting the final amendment. In summary, the total request will increase the total amendments value beyond the current 15% authority, commensurate with recent experiences on multi-year large capital projects.

The project team requests to amend the agreement for an **additional** not to exceed amount of $325,000. In addition to the contingency remaining under the current contract ($358,653), this **additional** increase of $325,000 will bring the current contract value to $5,500,000. This amendment will ensure that Brown and Caldwell's scope of work will be extended to cover current identified construction support needs through year 2029. In total, with the requested increase in amendment authority, the project team forecasts the total expenses for the project will fall under the overall project

budget of $40,000,000.

ACTION REQUESTED

Staff requests Board approval of Resolution 26-05 (Attachment 1), which will:

- Authorize the MWMC Executive Director (or his authorized designee) to amend the agreement with Brown and Caldwell for design and construction support services for the Aeration Systems Upgrades Project P80113 by $325,000 for a total Not-to-Exceed contract price up to $5,500,000.

ATTACHMENTS

1) Resolution 26-05
2) Resolution 22-03 adopted April 8, 2022

Metropolitan Wastewater
MANAGEMENT COMMISSION

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METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

RESOLUTION 26-05

) IN THE MATTER OF ADDITIONAL
) CONTRACTING AUTHORITY
) FOR MWMC PROJECT P80113 -
) ENGINEERING SERVICES FOR AERATION
) SYSTEMS UPGRADES

WHEREAS, the adopted 2004 Facilities Plan calls for the phased upgrades of the existing Aeration Basins;

WHEREAS, the Metropolitan Wastewater Management Commission (MWMC) approved Resolution 20-02 on February 14, 2020 that allowed the MWMC to award a contract for Aeration Improvement Engineering Services to Brown and Caldwell, Inc. after following the formal selection procedure under MWMC's Procurement Rule 137-48-0220;

WHEREAS, the MWMC approved Resolution 22-03 on April 8, 2022 that allowed the MWMC Executive Officer/Director to enter into agreement with Brown and Caldwell, Inc. for a P80113 contract price not to exceed $4,500,000 plus contract amendment authority up to $675,000;

WHEREAS, as of March 31, 2026 the MWMC P80113 amended consultant contract value is $4,816,347 that includes seismic engineering services, which leaves $358,653 of the remaining contingency available;

WHEREAS, Brown and Caldwell has provided a fee proposal in the not-to-exceed amount of $677,587 for additional construction support services over the remaining two years of phased construction and during the P80113 one-year construction warranty;

WHEREAS, project staff have reviewed Brown and Caldwell's, scopeof work and associated pricing and have found it to provide reasonable and necessary level of service through the remainder of the project;

WHEREAS, the MWMC Executive Director remaining amendment authority under Resolution 22-03 is insufficient to accommodate the requested services; and

WHEREAS, an additional sum of $325,000 is necessary to provide sufficient funding for the remainder of the project.

METROPOLITAIN WASTEWATER MANAGEMENT COMMISSION

Resolution 26-05

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION:

The MWMC Executive Director (or authorized designee), is hereby authorized to amend the agreement for consulting services for Aeration Systems Upgrade (Project P80113) with Brown and Caldwell, Inc. by $325,000 for a contract price Not-to-Exceed $5,500,000.

ADOPTED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION OF THE SPRINGFIELD/EUGENE METROPOLITAN AREA ON THE 10th DAY OF APRIL 2026.

Digital Signature:

_____
Doug Keeler, MWMC President

Digital Signature:

Approved as to form: _____
Kristin Denmark, MWMC Legal Counsel

Digital Signature:

Attest: _____
Jolynn Barker, Secretary Pro Tempore

Metropolitan Wastewater
MANAGEMENT COMMISSION

partners in wastewater management

METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

RESOLUTION 22-03

) IN THE MATTER OF CONTRACT AWARD
) FOR MWMC PROJECT P80113-
) ENGINEERING SERVICES FOR AERATION
) SYSTEMS UPGRADES

WHEREAS, the adopted 2004 Facilities Plan calls for the phased upgrades of the existing Aeration Basins; and

WHEREAS, the Metropolitan Wastewater Management Commission (MWMC) approved Resolution 20-02 on February 14, 2020 that allowed the MWMC to award a contract for Aeration Improvement Engineering Services to Brown and Caldwell, Inc. after following the formal selection procedure under MWMC's Procurement Rule 137-48-0220; and

WHEREAS, the October 1, 2019, Request For Proposals (RFP) for engineering services for Aeration Improvements Engineering Services reserved the option for MWMC to direct appoint the finalist for future professional services contract work identified or studied under the initial contract; and

WHEREAS, MWMC'S procurement rules under 137-048-0200 (1)(d) allow for such direct appointment of engineering services work for related phases of work on a project; and

WHEREAS, MWMC solicited a Not-To-Exceed proposal from Brown and Caldwell for the engineering services for Aeration Systems Upgrades and the proposal is cost effective for the additional scope of services; and

WHEREAS, the entering into a contract with Brown and Caldwell, Inc. for the additional scope of services will promote efficient use of public funds and resources, result in substantial cost savings to the MWMC, and promote the integrity of the public contracting process and the competitive nature of the procurement by not encouraging favoritism or substantially diminishing competition in the award of the contract; and

WHEREAS, if contract negotiations with Brown and Caldwell Inc. are unsuccessful, MWMC has the option to reject the proposal and issue a new RFP for the work; and

METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

Resolution 22-03

NOW, THEREFORE, BE IT RESOLVED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION:

Matt Stouder, as the duly authorized MWMC Executive Officer, is hereby authorized to enter into an agreement for consulting services for Aeration Systems Upgrade (Project P80113) with Brown and Caldwell, Inc. for a contract price Not to Exceed $4,500,000; to execute or designate qualified staff to execute all contract and project management functions including, but not limited to, issuance of notices to proceed, contract amendments not to exceed a cumulative total of 15% ($675,000) of the initial contract price listed above; and to manage the contract to ensure products meet the contract specifications.

ADOPTED BY THE METROPOLITAN WASTEWATER MANAGEMENT COMMISSION OF THE SPRINGFIELD/EUGENE METROPOLITAN AREA ON THE 8th DAY OF APRIL 2022.

Digital Signature:

Bill Inge, MWMC Vice President

Digital Signature:

Approved as to form:
Brian Millington, MWMC Legal Counsel

Digital Signature:

Attest:
Jolynn Barker, MWMC Secretary

Metropolitan Wastewater
MANAGEMENT COMMISSION

partners in wastewater management

M E M O R A N D U M

DATE:	April 2, 2026
TO:	MWMC Board
FROM:	Bryan Robinson, Environmental Services Supervisor
SUBJECT:	Comprehensive Facilities Plan Update (P80101)
ACTION REQUESTED:	Information only

ISSUE

The first and most technically significant volume of the MWMC Comprehensive Facilities Plan Update ("Facilities Planning") Project, project number P80101, has been delivered from the consultant and is being reviewed for final acceptance by the MWMC. This deliverable, the MWMC Process Facility Plan (PFP), is scheduled to be submitted to the Oregon Department of Environmental Quality (DEQ) for agency review and approval in April. At the April 10, 2026, Board meeting, staff will present a summary of the PFP findings and recommendations, and address the steps for MWMC adoption of the final document.

BACKGROUND

Throughout the Facilities Planning process, staff have provided regular updates to the MWMC Board. The table below summarizes those project presentations:

MWMC Meeting	Presentation Topics Discussed
April 2023	Resolution 23-05, Project P80101, Task Order #1.1, Jacobs $2.5M
May 2024	Three volume planning approach initial presentation
October 2024	Community Engagement Plan implementation
December 2024	Draft proposed capital improvements list
June 2025	Solids treatment processes and issues review
September 2025	Integrated Wastewater Utility Plan development update
October 2025	Final CIP project recommendation list walk-through

The Comprehensive Facilities Plan (CFP) P80101 project was adopted to address 20-year MWMC planning needs in concert with two key drivers:

- End of the of the 2004 MWMC Facilities Plan's 20-year planning horizon in 2025, and
- Issuance of the MWMC's 2022 NPDES permit from DEQ, which presented the first significant update of permit conditions since the previous 2002 NPDES permit.

To better organize and address the critical, emerging, and optional or alternative planning needs in the upcoming 20-year planning horizon, staff identified a three-volume approach to fulfill the CFP project, comprising three planning documents:

- Volume 1: Process Facilities Plan (PFP)
- Volume 2: Integrated Wastewater Utility Plan (IWUP)
- Volume 3: Opportunities Plan

This update relates to the Process Facilities Plan (Volume 1). The PFP addresses the core infrastructure and wastewater treatment conditions and needs most critical to the MWMC's planning and CIP needs.

Lane Council of Governments (LCOG) supported internal stakeholder engagement and facilitation services for the PFP. LCOG identified the main themes for the MWMC's planning considerations as follows:

- Key Strength: MWMC's strong organizational commitment to its purpose and performance
- Key Weakness: Workforce capacity limitations and inter-agency communication challenges
- Key Opportunity: Partnerships across service area, including public-private and community engagement
- Key Threat(s): Governance turnover, PFAS and other contaminants of concern, climate impacts, and natural disaster risks

Furthermore, staff implemented a project Community Engagement Plan and facilitated a community survey conducted in 2024 aimed at MWMC collaborative partners and community members engaged with MWMC's social media. Respondents indicated moderate to strong support for:

- Acting in advance of regulatory mandates,
- Exceeding regulatory requirements,
- Pursuing innovative methods to reduce wastewater byproducts and environmental impacts, and
- Incorporating resource recovery into treatment processes.

The primary consultant on all technical aspects of the PFP is Jacobs Engineering Group (Jacobs), who led condition assessments, technical evaluations, and performance recommendations for the PFP. Jacobs' core scope of work included:

- Forecasting service area population growth estimates through project planning period
- Completing influent flow and load projections analysis including operating conditions and capacity for each treatment unit process
- Providing whole plant process model calibration and mass balance of treatment capacity update
- Reviewing NPDES requirements, emerging regulations, current compliance, and long-term outlook
- Conducting condition assessments of storage, conveyance, and treatment facilities
- Evaluating collection system piping, pump stations, and related infrastructure
- Analyzing MWMC treatment processes and developing compliance and operational strategies
- Identifying infrastructure and program needs, including preliminary cost estimates

- Developing a 20-year Capital Improvement Plan (CIP) and recommendations
- Preparing final deliverables for agency review and approval

Jacobs also conducted alternatives analyses for:

- Solids handling biosolids processing
- Liquids processing and hypochlorite sourcing and production

Additionally, under an independent deliverable, Jacobs is evaluating how extending regional service and future buildout in outlying communities would affect wastewater flows and loads. This assessment examines the impacts of these added flows and loads on the MWMC conveyance system, the Water Pollution Control Facility (WPCF), and the Biosolids Management Facility (BMF), and identifies when and where capacity constraints may arise relative to existing infrastructure and planned improvements.

In 2025, the PFP advanced from asset study, technical analysis, and field work to planning refinement, project forecasting, and implementation scheduling. A coordinated publishing process workflow began to finalize the 12 planning sections and 28 technical memorandums. This stage also includes verifying all DEQ recommended content and reviewing the checklists provided to ensure planning and document requirements have been met. Once approved by DEQ, the PFP will allow the MWMC to pursue state and federal funding opportunities, including grants and loans.

DISCUSSION

Staff intends for MWMC adoption of the Process Facilities Plan upon DEQ approval. The main findings of the PFP are presented in the document's Executive Summary (Attachment 1) and Section 10: Proposed Projects (Attachment 2). All narrative content and technical values describing facilities, equipment, processes, and programs have been reviewed and validated by staff. Modeling has been properly calibrated and engineering methods were applied in accordance with current regulatory requirements and industry standards. The final version of the PFP will be made available to the MWMC Board once DEQ review is complete. A project webpage is on the MWMC's website under Capital Improvements, Facilities Planning and will host the final document.

From an administrative perspective, the project is expected to conclude having fully met all established goals and objectives. The Facilities Planning project, including all consultant contracts, remains within approved budget allocations, and no cost increases are anticipated.

At the April 2026 MWMC Board meeting, staff will provide final PFP status updates and highlight key planning results, including identified deficiencies and recommended improvements. Staff will also outline the potential implementation schedule for the recommended 25-projects and review potential alternative funding strategies. In addition, staff will provide an overview of next steps in the DEQ approval process for the Process Facilities Plan.

ACTION REQUESTED

No formal action is requested. MWMC Board questions and feedback are welcome.

ATTACHMENTS

1) Volume 1 Process Facility Plan: Executive Summary (March, 2026)
2) Volume 1 Process Facilities Plan: Section 10 Project Recommendations

Executive Summary

Project Planning

This Process Facilities Plan (PFP), prepared by the Metropolitan Wastewater Management Commission (MWMC), is the result of a thorough evaluation of the regional wastewater treatment facilities serving the Eugene-Springfield metropolitan area. Regional wastewater facilities include the Eugene-Springfield Water Pollution Control Facility (WPCF), major pump stations and interceptors, the Biosolids Management Facility (BMF), the Biocycle Farm, and the Beneficial Reuse Site (BRS) (formerly known as the Seasonal Industrial Waste Facility). This plan is intended to identify facility improvements and expansions that are needed to serve the community's wastewater needs through 2045.

The PFP reviews and evaluates current capacity constraints, new regulatory requirements, anticipated changes to these requirements, future capacity and performance requirements, new treatment technologies available to cost-effectively improve the capacity and performance of existing assets, and existing facility operational issues. The resulting plan accounts for the most probable outcomes in the years ahead. The recommended solutions are intended to provide for planned community growth that meets current regulations and anticipates future environmental regulatory requirements.

The selected alternatives should meet both short-term and long-term objectives. This plan provides solutions that address the full range of dry- and wet-weather liquids treatment and biosolids issues and operational health and safety concerns. The PFP also provides detailed descriptions and plans for recommended project implementation. It is a comprehensive strategic roadmap for implementing the most cost-effective solutions to address a full range of regional wastewater needs over the next 20 years.

The information developed in this plan is intended to provide a technical basis for planning decisions as MWMC approaches renewal of the WPCF's National Pollutant Discharge Elimination System (NPDES) permit in 2027.

The goals of the PFP are to build on the previous planning efforts and develop a practical and cost-effective set of capital improvements necessary to meet community needs and environmental standards for all MWMC facilities for the next 20 years. This plan presents comprehensive identification and evaluation of available capital improvement strategy alternatives and recommendations that do the following:

- Accommodate projected growth in Eugene-Springfield through 2045.
- Maximize the WPCF's existing investment in assets by incorporating performance and capacity-improving retrofits where possible instead of new facilities.
- Meet environmental standards and regulations.
- Provide regulatory certainty and protection from liabilities associated with noncompliance with requirements.
- Improve structural integrity of concrete structures and increase facility resilience.
- Provide treatment process improvements, including increasing biosolids processing capacity.

This strategic PFP will monitor and address future trends in the industry so that recommended improvements can be implemented with sufficient flexibility to meet anticipated future regulatory requirements.

Study Area Characteristics

Study area characteristics including climate, soils, cultural resources, geologic hazards, potential public health hazards, water/energy/waste audits, water resources, and flora and fauna were reviewed and updated so that impacts on the surrounding environment from facility modifications or operations can be quantified relative to the base characteristics.

Socioeconomic Environment

Socioeconomic conditions and trends that could affect the PFP were reviewed including information about service area demographics, local industries, employment, median household income level, vulnerable populations, and poverty levels.

Population and employment projections provide the basis for collection system planning and future flow projections. Current population projections are greater than projections from the MWMC 2014 Partial Facilities Plan Update and less than projections from the MWMC 2004 Facilities Plan. Projections were reviewed by the planning departments for Eugene and Springfield for consistency with each city's comprehensive planning. Population and employment projections included unincorporated areas within the urban growth boundary for both Eugene and Springfield.

Land Use Regulations

Modifications to the MWMC collection system and major treatment facilities should be consistent with the overall policy framework and planning and land use designations set forth in the 2024 update of the Metro Plan (the basic guiding land use policy document for regional land use planning). These were reviewed as to how they relate to MWMC facilities inside and outside the urban growth boundary. Facility zoning designations were reviewed, and a land use planning strategy was developed for capital planning.

Existing Wastewater Facilities

Existing wastewater facilities were reviewed including existing processes, selected equipment, and established fundamental design criteria. This information serves as a basis for evaluation of current and future process requirements and for development and evaluation of alternatives.

Additionally, the structural conditions of selected concrete structures and existing infrastructure were assessed at the WPCF and BMF in conjunction with the resiliency planning project study (finalized in 2020). These assessments were used to develop the recommended capital improvement projects for the structures, buildings, and pump stations to extend infrastructure life.

Wastewater Flow and Load Characteristics Update

The facilities planning team evaluated existing wastewater flows and projected future flows with a detailed evaluation and forecast of future rainfall-derived infiltration and inflow (RDI/I). The continuation of the existing RDI/I programs for both the City of Eugene and the City of Springfield will assist in reducing wet-weather flow conveyed to the WPCF. The flow projections were compared to the existing WPCF capacity of 277 million gallons per day (mgd) to assist with future planning and project implementation. Based on the flow projections, the treatment facility has adequate wet-weather flow capacity for the medium future RDI/I rates to 2070 and high future RDI/I rates to 2055. This indicates that a continued RDI/I program is beneficial to the cities of Eugene and Springfield and that it can be implemented gradually over time as sewer infrastructure conditions are failing or local and regional conveyance capacities become limiting.

The facilities planning team analyzed historical seasonal loading and projected future load characteristics regarding carbonaceous 5-day biochemical oxygen demand, total suspended solids, nitrogen, and phosphorus. Wastewater loads were projected for every 5 years starting from 2025 to 2045.

Regarding thermal loads, MWMC will continue to employ its excess thermal load compliance strategy, which consists of implementing a water quality trading credit program. The 2022 NPDES permit includes the more stringent of either the pre-total maximum daily load (TMDL) or TMDL thermal load limits, depending on season and river flow. That results in a complex menu of applicable limits and equations with which the WPCF's thermal load would be calculated.

The compliance schedule allows 15 years to meet these final limits. In the interim, the MWMC must meet the interim limits based on the 2022 NPDES permit limits. The compliance schedule requires a mitigation of 200 million

kilocalories per day by November 2027 to be accomplished through the water quality credit trading program. MWMC is on target to meet the compliance schedule via its riparian shade restoration contract with The Freshwater Trust.

Basis of Planning

The basis of planning was developed to address the comprehensive guidance provided by the Oregon Department of Environmental Quality (DEQ) to examine the entire existing wastewater collection, treatment, and disposal systems and to identify all operational and performance problems therein.

The priorities were as follows:

- Health/sanitation, safety, and environmental stewardship
- Enhancement of community services and responsiveness
- New and/or anticipated regulatory requirements, including emerging contaminants
- Operational costs and inefficiencies
- Program reliability, resiliency, redundancy, energy efficiency, and security
- Performance constraints, integrity of aging infrastructure; end of service life or major repairs
- Capacity constraints and reasonable projections of growth

Planning considerations included the following:

- Storm events
- Population projections
- Historical and projected influent flows and loads
- Water quality compliance standards for the WPCF
- Emerging issues such as thermal load management, biosolids quality, and recycled water use
- Criteria for evaluating the collection system
- Criteria for evaluating the treatment system

Planning was aligned with pertinent regulatory drivers, operational considerations, and long-term planning objectives, providing a comprehensive foundation for facility upgrades and future permitting.

In addition, a cost estimating approach was established for consistent evaluation, selection, and implementation planning of alternatives. This included standards for development of the following:

- Indirect construction cost markups
- Project delivery cost estimating assumptions
- Capital project costs (incorporating construction costs and project delivery costs including engineering, legal, and administrative, contingency, and construction management costs)
- Operations and maintenance and net present value costs

The construction cost estimates were developed as Class 5 budget estimates, as defined by the Association for the Advancement of Cost Engineering (AACE) International. This class of estimate is used for conceptual screening and assumes project definition maturity level below 2 percent. The expected accuracy range is -20 to -50 percent on the low end, and +30 to +100 percent on the high end. The cost estimates are intended to be used as guidance in establishing funding requirements at the project planning level based on information available at the time of the estimate.

System Capacity Assessment

The collection/conveyance components of the MWMC system were evaluated for their performance in meeting the basis of planning criteria under existing 2025, future 2045, and future 2070 conditions.

In addition to the MWMC system-wide flow projections, local collection systems models were provided by City of Eugene and City of Springfield (May 2023) to evaluate capacity and RDI/I in the collection system, specifically

downstream impacts on MWMC-owned and operated interceptors and pump stations. The individual models for each local city were provided in the DHI MIKE+ model software and combined into a single MWMC model. Each of the models included several scenarios representing existing and future conditions to estimate capacity constraints in the collection system

The treatment capacities of the existing major unit processes at the WPCF and BMF were assessed. Hydraulic capacities and solids handling capacities were evaluated against the flow and load projections developed for this facilities planning effort.

Unit process capacities were screened against DEQ/U.S. Environmental Protection Agency (EPA) reliability criteria as well as existing process capacity design criteria.

In addition, assessments were conducted regarding the following support systems and facilities:

- Building storage at WPCF and BMF
- Energy management
- WPCF distributed control systems
- Conveyance pump station control systems
- WPCF site security
- Cybersecurity

Alternatives Analyses and Recommended Improvements

The facilities planning team developed and analyzed alternatives for the collection/conveyance system and the treatment system. The benefits and drawbacks of proposed alternatives were itemized, and Class 5 cost estimates were developed for viable alternatives for comparison. In addition to these alternatives analyses, several recommended improvements were identified that did not require evaluation of multiple options, such as structural rehabilitation, equipment replacements, minor upgrades, and reliability-driven enhancements. These improvements are included in the overall facilities planning framework to support system performance and regulatory compliance.

The conveyance alternatives considered were coordinated with both the City of Springfield Wastewater Master Plan (2024) and the City of Eugene Wastewater Master Plan (2020). No capacity improvements are required for the existing MWMC-owned collection system during the planning period. Based on the existing capacity, a repair and replacement program was recommended by both cities to ensure continued operations and maintenance (O&M) for the existing gravity system. No capacity improvements are required for the existing MWMC-owned pump stations including the Willakenzie Pump Station and Irvington Pump Station, during the planning period. The existing Glenwood Pump Station capacity project will implement upgrades to meet DEQ wastewater pump station design requirements and is implemented in the existing MWMC Capital Improvement Plan (CIP).

The existing force mains were selectively investigated, and no defects were noted based on the limited inspection scope. Based on the selected testing, additional condition assessment should be completed to evaluate existing conditions and determine if there are any defects that could pose a risk to MWMC.

Based on the alternatives analyses, a set of recommended improvements was identified to address projected regulatory requirements and facility needs. Table ES-1 outlines these recommended improvements scheduled over the 20-year planning period. Multiple recommended improvements were combined into larger projects to efficiently use capital funds to implement repairs, improvements, and studies. The recommended improvements identified in this table were used to assemble the various projects in the proposed 20-year project list.

Table ES-1. Summary of Recommended Improvements Through 2045

System	Recommended Improvements
Conveyance	• East Bank Interceptor Investigation and Evaluation
	• East Bank Interceptor Repair and Rehabilitations
	• Force Main Condition Assessment and Evaluation Program
Liquids Process	• Structural Concrete Repair of Pretreatment Basins
	• Pre-Aeration Chamber Elimination with FRP Piping
	• Screw Pump MCC Relocation
	• Installation of Generator Plugs for Increased Redundancy
	• Structural Concrete Repair of Primary Clarifiers
	• Structural Concrete Repair of Aeration Basins and Mixed Liquor Channel
	• Structural Concrete Repair of Secondary Clarifiers
	• Structural Concrete Repair of Secondary Effluent Conduit
	• Structural Concrete Repair of T-Channel
	• Structural Concrete Repair of Chlorine Contact Basins
	• Structural Concrete Repair of Final Treatment Effluent Channel
	• Installation of an Additional W2 Pump
	• Bulk Hypochlorite Storage Tank Replacement
	• Structural Concrete Repair of the Outfall Structure
Solids Management	• Biosolids Management Plan
	• Thermal Process
	• Air-Drying Bed Expansion
	• Lagoon Expansion
	• Improve Primary Sludge Thickening Pump Efficiency
	• Co-Thickening Improvements by Replacing Gravity Belt Thickeners with Rotary Drum Thickeners
	• WPCF Boiler Improvements
	• FOG Receiving Station
	• Mobile Waste Hauler/Septage Receiving Station Relocation
Support Facilities	• Asphalt Rehabilitation at the BMF, WPCF, and Pump Stations
	• WPCF Outdoor Storage Improvements
	• Improve Storage in the Existing Maintenance Building
	• DCS Master Plan
	• Complete DCS Replacement
	• Cell Tower Condition Assessment
	• Equipment Dry Storage Building Expansion at the BMF

DCS = distributed control system; FOG = fats-oils-grease; MCC = motor control center; W2 = non-potable reuse plant water.

Proposed Projects

The proposed capital projects are summarized in Table ES-2 in order of proposed implementation. The scheduling of individual capital improvement projects was developed to align with long-term regional wastewater treatment objectives and anticipated regulatory requirements.

Table ES-2. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
Repair Clarifiers and Final Treatment	FY 25-26	Repair the existing concrete within the primary clarifiers and final treatment including spot repair of missing and large aggregate, rebar corrosion, and coating in selected areas of the facility. Includes process piping and dewatering sump coating removal and replacement. Final treatment requires repairing damaged concrete surfaces with repair mortar or protective coatings and will require abrasive blasting or high-pressure water washing of the concrete surfaces. Any reinforcing exposed during this procedure should be observed by a qualified structural and/or corrosion engineer to determine the purpose of the reinforcing and the extent of the damage. The repairs will likely need to expose the reinforcing, which would need to be cleaned, replaced or added to as necessary, and repair mortar applied to the original wall thickness. Additionally, expansion joint material needs to be replaced in the effluent channel. The T-channel is excluded from this work.
Biosolids Improvement Study	FY 25-26	Three-part study to support long-term biosolids management planning and determine whether updates to the DEQ-approved Biosolids Management Plan are needed. • Part 1: Analyze FSL liquid characteristics and solids generation to establish current and projected loading rates. • Part 2: Evaluate biosolids processing, management, and end use options to identify operational, regulatory, and cost efficiency improvements. • Part 3: Develop prioritized project sequencing and recommendations for targeted management strategies and facility upgrades. The study will address flow metering and monitoring needs, FSL lagoon improvement or expansion, airdrying bed improvement or expansion, dewatering optimization, thermal or gasification technologies, landfill disposal feasibility, pathways to Class A equivalency, land application program opportunities, and operation constraints.
WPCF Boiler Upgrades	FY 26-27	Review the existing heating plant study results and design and replace the engine generator (EG) with an additional boiler capable of 100% redundancy for meeting WPCF peak heating demand.
Thickening Improvements Study and Process Improvement Implementation	FY 26-27	Complete study and hydraulic modeling to improve primary sludge thickening pumps. An additional study will be completed to evaluate WAS thickening improvements including co-thickening with primary sludge and WAS with RDTs, or

Table ES-2. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
		replacement of existing GBTs to reduce hydraulic requirement for an additional digester within the planning period.
Pretreatment Screw Pump MCC Relocation	FY 27-28	Relocation of the screw pump MCC to less corrosive environment.
Mobile Waste Hauler/ Septage Receiving Station, Phase 1 - Evaluation and Study	FY 27-28	Study to evaluate concepts and predesign of mobile waste hauler/septage receiving station. Study will evaluate feasibility of relocating offsite to reduce traffic impact at the WPCF site.
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	FY 27-28	Perform condition assessment (PACP) review of 72- to 78-inch-diameter pipeline, ~30,000 feet
WPCF Storage Improvements	FY 28-29	Expand covered outdoor areas to create additional dry storage capacity and improve indoor storage functionality, increasing equipment and material storage availability across the site.
Asphalt Repair (WPCF, BMF, and MWMC-Owned Pump Stations)	FY 28-29	Rehabilitation of the existing pavement surfaces at the BMF, WPCF, Glenwood, and Willakenzie pump stations.
Emergency Generator Plug Installation	FY 28-29	Add additional generator plugs and new switchgear at the WPCF Pretreatment facility. Add generator plugs at WPCF Aeration/Blowers facility and Willakenzie Pump Station to provide resiliency and maintain treatment processes during a power outage.
Cell Tower Condition Assessment	FY 28-29	Study to evaluate seismic resilience an MWMC-owned cell tower near the west end of the WPCF due to the proximity of the Admin Building constructed as part of the Admin Building Improvements Project (P80104).
BMF Equipment Dry Storage Expansion	FY 29-30	Expansion of the existing storage building at the BMF for equipment and materials. The current building is currently full and in need of additional storage space including insulating for better wet weather working area.
FOG Receiving Station, Phase 1 - Evaluation and Study	FY 29-30	Study to develop predesign concept and process impacts and benefits of the addition of FOG receiving station at the WPCF.
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	FY 29-30	Assumes 15 to 20 percent of the 30,000 feet requires repair or lining.
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	FY 30-31	Repair the existing concrete structure including coating exposed rebar, repair of full wall thickness cracks, replacement of existing expansion joint material, spot repair of spalled material and rebar corrosion, spalled material and cracking between the launder and

Table ES-2. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
		clarifier wall. Construction estimate includes full bypass to perform reinforcement and expansion joint material in the mixed liquor channel and some process appurtenance replacements such as various piping and gates.
Force Main Condition Assessment and Evaluation	FY 31-32	Condition Assessment program to evaluate the existing condition of MWMC force mains. Investigation could include desktop evaluation and risk assessment, semi-invasive investigation such as soil sampling or ultrasonic thickness testing to evaluate corrosion and invasive investigation including dye testing, smart probes, and/or smart pigging.
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	FY 32-33	This project anticipates replacement of existing FRP tanks with three new FRP tanks for bulk sodium hypochlorite storage and includes replacement of existing four hypochlorite metering pumps with 300 gph pumps. At the time of this project, the design team shall complete a study to compare continuation of existing bulk purchase to implementation of onsite generation.
W2 Pump Station (BMF Additional Pump)	FY 32-33	Installation of an additional pump dedicated to BMF at the existing W2 pump station.
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	FY 32-33	Repair of expansion joint material in T-channel and secondary effluent conduit called out during diving inspections. Complete structural inspection of rarely dewatered conduits during the temporary bypass required to facilitate repairs.
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	FY 32-33	Relocation of mobile waste hauler receiving station and vactor truck pit near the aeration basins. Pump station and yard piping are required to convey material to pretreatment facilities. Upgrading to larger capacity system and relocating to improve vehicular traffic pattern within the facility and provide easier maintenance. This project is budgeted but not currently required given regulations or anticipated flow and load increases. This project will be implemented if deemed necessary in the study above and includes some cost for possible land purchase for offsite station installation.
Pretreatment Facilities and Pre-aeration Chamber Repair and Pipe Upgrade	FY 34-35	Repair the existing WPCF pretreatment facility including spot repair of large missing aggregate, surface coating and rebar corrosion within the existing concrete structure. Includes minor process piping improvements and coating on chain and flight supports. Additionally, this project proposes to eliminate the pre-aeration channel by installing a new pipeline within the channel to reduce energy usage with removal of aeration blower system.
FOG Receiving Station, Phase 2 - Design and Construction	FY 34-35	Installation of FOG receiving station and associated yard piping to convey material to increase organic loading within digesters. This project is budgeted but not currently required given regulations or anticipated flow and load increases. This project will be implemented if deemed necessary in the study above.

Table ES-2. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
Control System Improvement, Phase 1 - Study and Evaluation	FY 36-37	Study to evaluate the existing control system and complete predesign concepts for capital implementation.
Control System Improvement, Phase 2 - Design and Construction	FY 37-38	Placeholder for control system improvements based on the study listed above.
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	Ongoing	On-Call engineering support for NPDES and other permit updates, facilities plan updates and amendments, and structural inspections as recommended by Jacobs Task 4.1 technical memorandums. Additional budget allocated to this line item for conditional land use permit updates.

FRP = fiberglass reinforced plastic; FY = fiscal year; PFAS = per- and polyfluoroalkyl substances; GBT = gravity belt thickener; gph = gallon(s) per hour; MCC = motor control center; NPDES = National Pollutant Discharge Elimination System; PACP = Pipeline Assessment Certification Program; RDT = rotary drum thickener; WAS = waste activated sludge.

Table ES-3 presents capital cost estimates for the proposed capital projects outlined in Table ES-2. These estimates are organized by system to provide a clear overview of investment distribution. Figures ES-1 and ES-2 provide overall site plans for the WPCF and BMF with the proposed CIP.

Table ES-3. Cost Estimates of Proposed Capital Projects

Capital Project Name	Capital Delivery Cost	Capital Construction Cost	Capital Cost*
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	$349,000	$1,394,000	$1,750,000
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	$1,317,000	$5,267,000	$6,590,000
Force Main Condition Assessment and Evaluation	$838,000	$3,350,000	$4,190,000
Conveyance Subtotal			**$12,530,000**
Repair Clarifiers and Final Treatment	$7,747,000	$30,985,000	$38,740,000
Pretreatment Screw Pump MCC Relocation	$139,000	$462,000	$610,000
Emergency Generator Plug Installation	$45,000	$179,000	$230,000
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	$973,000	$3,891,000	$4,870,000
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	$641,000	$1,963,000	$2,610,000
W2 Pump Station (BMF Additional Pump)	$412,000	$1,372,000	$1,790,000
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	$359,000	$897,000	$1,260,000
Pretreatment Facilities and Pre-Aeration Chamber Repair and Pipe Upgrade	$1,117,000	$4,466,000	$5,590,000
Liquids Process Subtotal			**$55,700,000**

Table ES-3. Cost Estimates of Proposed Capital Projects

Capital Project Name	Capital Delivery Cost	Capital Construction Cost	Capital Cost*
Biosolids Improvement Study	$18,460,000	$72,432,000	$90,900,000
WPCF Boiler Upgrades	$510,000	$2,037,000	$2,550,000
Thickening Improvements Study and Process Improvement Implementation	$2,223,000	$5,057,000	$7,280,000
Mobile Waste Hauler/Septage Receiving Station, Phase 1 - Evaluation and Study	$200,000	$0	$200,000
FOG Receiving Station, Phase 1 - Evaluation and Study	$400,000	$0	$400,000
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	$1,751,000	$7,002,000	$8,760,000
FOG Receiving Station, Phase 2 - Design and Construction	$2,575,000	$7,357,000	$9,940,000
Solids Management Subtotal			**$120,030,000**
WPCF Storage Improvements	$1,146,000	$4,583,000	$5,730,000
BMF Equipment Dry Storage Expansion	$788,000	$3,150,000	$3,940,000
Asphalt Repair (WPCF, BMF, and MWMC Owned Pump Stations)	$1,067,000	$4,267,000	$5,340,000
Cell Tower Condition Assessment	$90,000	$0	$90,000
Control System Improvement, Phase 1 - Study and Evaluation	$200,000	$0	$200,000
Control System Improvement, Phase 2 - Design and Construction	$2,495,000	$6,236,000	$8,740,000
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	$6,150,000	$0	$6,150,000
Support Facilities Subtotal			**$30,190,000**
Proposed Capital Project Total			**$218,450,000**

* Class 5 estimates expected accuracy range of -20 to -50%/+30 to +100%; totals are rounded to the nearest $10,000. The construction costs are indexed to the December 2024 Engineering News-Record (ENR) Construction Cost Index (CCI) for the City of Seattle (7864).

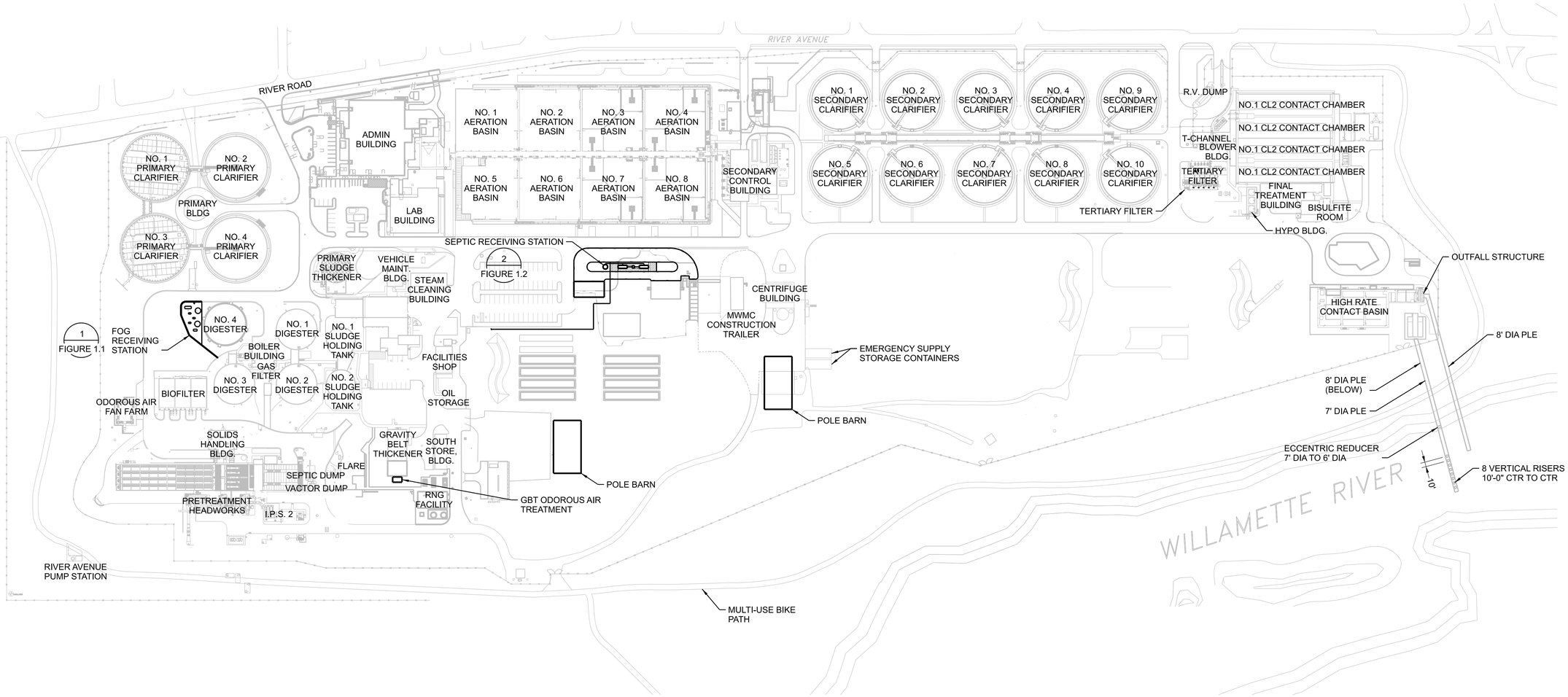


Figure ES-1. Propose Site Plan at WPCF based on Recommended CIP

NO.	DATE	DR	CHK	APVD
DSGN				

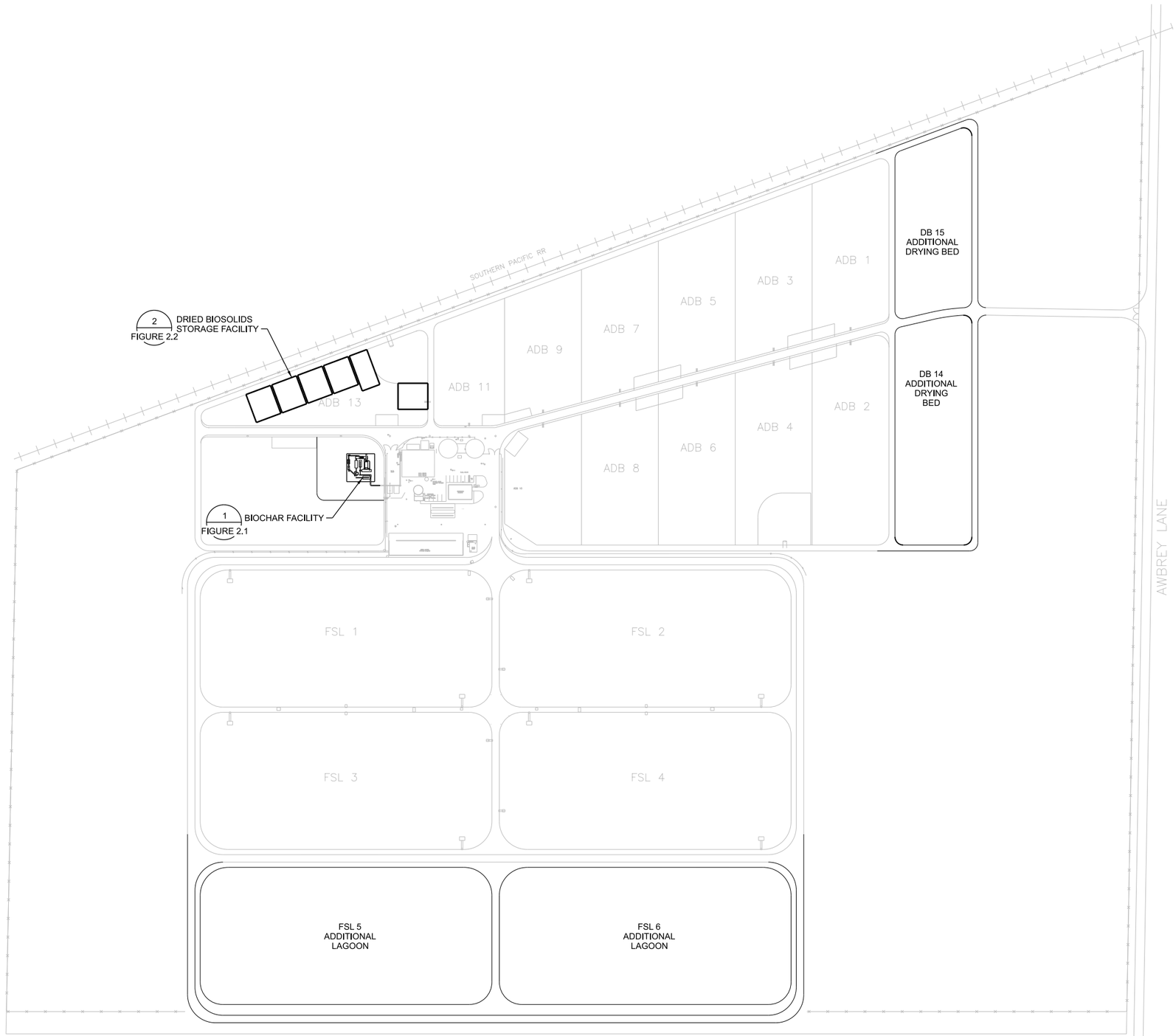
REVISION BY APVD

FACILITIES PLAN - 2025
METROPOLITAN WASTEWATER MANAGEMENT COMMISSION
410 RIVER AVENUE
EUGENE OREGON

Jacobs

FIGURE ES-1
SITE LAYOUT OF RECOMMENDED IMPROVEMENTS

NTS	
VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"	
DATE	JANUARY 2025
PROJ	D3710201
DWG	
SHEET	of



1 OVERALL PLAN
1" = 150'

Figure ES-2. Proposed Site Plan at the BMF based on the Recommended CIP

N
0 150 300 450
Scale In Feet

BIOSOLIDS MANAGEMENT FACILITY
METROPOLITAN WASTEWATER MANAGEMENT COMMISSION
410 RIVER AVENUE
EUGENE OREGON

Jacobs

FIGURE 2.0
BMF SITE LAYOUT OF RECOMMENDED IMPROVEMENTS ALTERNATE - 1

NTS
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"
JANUARY 2025
D3710201

A phased implementation strategy was applied to select projects to provide operational flexibility and maintain regulatory compliance. For example, biosolids management improvements are proposed to follow a multi-phase approach, beginning with an analysis of the BMF lagoons liquid composition and investigation to determine the total volume of solids held, followed by a comprehensive end-use evaluation incorporating potential process improvements, including pyrolysis. This strategy is designed to proactively address emerging regulatory drivers such as PFAS contamination, optimize capital budget allocations, and allow for adaptive integration of future treatment technologies.

The recommended implementation schedule focused on completing projects with reasonable year-to-year capital budgets without compromising facility needs and implementing new projects in sequence with the existing CIP projects. Project sequencing is based on a series of assumptions, including regulatory requirements (current and projected in the future), forecasted influent flows and loads, existing structural conditions of facilities, and redundancy. Projects have been prioritized to address structural risks identified during inspections and meet regulatory requirements, namely PFAS impacts for biosolids land application.

MWMC will need access to funding for over 55 percent of the costs for recommended projects within the first 5 years of this 20-year PFP. As part of this plan, MWMC has evaluated outside sources beyond revenue generated from wastewater rates and system development charges. This funding strategy limits consideration to sources qualified as loans rather than grants. Despite that, several proposed projects are likely to meet eligibility criteria for state or federal grants, as loan sources are more reliably accessed.

MWMC maintains good overall financial management, strong liquidity levels to support a pay-as-you-go approach to funding ongoing repair and replacement projects, and overall good operational management with sufficient technical, managerial, and financial capability and capacity.

The funding strategy for the implementation of the projects identified in the MWMC PFP 20-Year Project List will require the supplementation of cash on hand with funding resources that include low-interest debt instruments like the Clean Water State Revolving Fund (CWSRF), Business Oregon Loan Program, and Water Infrastructure and Finance Innovation Act, as well as revenue bonds.

MWMC is in a good position to qualify for and successfully manage the debt service required to fill any gaps in funding that may exist between project design and construction costs and available revenues. With a strong enterprise risk profile, moderate debt service coverage ratio (1.24), a stable and primarily residential customer base, and a strong AA bond rating, MWMC is well positioned to implement this financing plan to efficiently and affordably fulfill the planning, design, and construction needs to keep its regional wastewater treatment facilities operating optimally.

Environmental Review

MWMC capital project recommendations went through an alternatives analysis that considered a range of solutions that meet the growing community's wastewater needs through 2045. Aside from capacity considerations, MWMC must meet health, sanitation, security, and environmental regulation requirements. MWMC must manage infrastructure aging and adequacy—all while maintaining the working order and financial viability of the organization.

DEQ's CWSRF requires an environmental review to comply with the National Environmental Policy Act (NEPA) or the CWSRF's State Environmental Review Process (DEQ, 2018; DEQ, 2022). This PFP is not intended to meet the standards of NEPA or cross-cutting federal environmental standards. Rather, it summarizes environmental resources and considerations at MWMC sites that contributed to the selection of the proposed capital projects. Capital projects would advance in design before these reviews are formally conducted.

Early compliance with state and federal environmental standards starts by defining the purpose and need for each capital project. Each capital project in this PFP addresses one or more of the following needs, beyond alignment with MWMC's Strategic Plan:

- Capacity constraints and reasonable projections of growth
- Performance constraints, integrity of aging infrastructure, end of service life or major repairs
- New and/or anticipated regulatory requirements, including emerging contaminants
- Operational cost and inefficiencies; health, sanitation, safety, and environmental stewardship
- Enhance community services and responsiveness
- Program reliability, resiliency, redundancy, energy efficiency, and security

Solutions/alternatives that met the purpose and need were analyzed and ultimately chosen if they optimized one or more of the following criteria:

- Minimizes social and/or environmental impacts
- Buildability, i.e., permittable, physically fits, and available technology
- Addresses secondary concerns, i.e., operability/effectiveness, reliability, resiliency, redundancy, energy efficiency, and security

Lastly, solutions/alternatives were chosen if they met long-term economic feasibility standards.

Conclusions and Recommendations

Conclusions

The recommended plan aims to support projected community growth while providing resilience to meet current and anticipated environmental regulations. The recommended projects in the CIP were selected to meet both short-term and long-term objectives, addressing a full range of dry- and wet-weather liquids treatment and biosolids issues, as well as structural deficiencies. Detailed descriptions and summaries for the recommended projects are included, forming a comprehensive strategic roadmap for the next 20 years. The 35 projects (including existing projects), estimated at a capital cost of $349 million, as summarized above, seek to implement the most cost-effective solutions for regional wastewater needs. These strategies are designed to ensure long-term resilience, regulatory compliance, and financial prudence for ratepayers.

MWMC has developed a forward-looking PFP to guide capital improvements over the next 20 years. This plan ensures that infrastructure investments are practical, cost-effective, and aligned with community growth, environmental stewardship, and regulatory compliance. Table ES-4 summarizes the proposed capital projects that directly support the project goals and objectives.

Table ES-4. Project Goals and Capital Projects to Meet Goal

Project Goal and Objective	Supporting Capital Improvement Projects
Accommodate projected growth in Eugene-Springfield through 2045	Mobile Waste Hauler/Septage Receiving Station, Phase 1 - Evaluation and Study
	FOG Receiving Station, Phase 1 - Evaluation and Study
	Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction
	FOG Receiving Station, Phase 2 - Design and Construction
	WPCF Outdoor Storage Improvements
	BMF Equipment Dry Storage Expansion
	Administration Building Improvements (P80104)
	Glenwood Pump Station Upgrade (P80064)

Table ES-4. Project Goals and Capital Projects to Meet Goal

Project Goal and Objective	Supporting Capital Improvement Projects
Maximize the WPCF's existing investment in assets by incorporating performance and capacity-improving retrofits where possible instead of new facilities	East Bank Interceptor Phase 1 - Condition Assessment and Investigation East Bank Interceptor Phase 2 - Repair and Rehabilitation Force Main Condition Assessment and Evaluation Asphalt Repair (WPCF, BMF, and MWMC-Owned Pump Stations)
Meet environmental standards and regulations	Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates) Comprehensive Facilities Plan Update (P80101, P80103, and other work) Facility Plan Engineering Services (P80110 and other work) WPCF Stormwater Infrastructure (P80111 and WPCF construction permits) Water Quality Trading Program (P80112 and other work)
Provide regulatory certainty and protection from liabilities associated with noncompliance with requirements	Biosolids Study and Process Improvement Implementation Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study
Improve structural integrity of concrete structures and increase facility resilience	Repair Clarifiers and Final Treatment (P80118) Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair Pretreatment Facilities and Pre-Aeration Chamber Repair and Pipe Upgrade Owosso Bridge Seismic Upgrades (P80116) Resiliency Follow Up (MWMC related projects after P80096 list of topics) Electrical Switchgear and Transformer Replacement (P80115) Pretreatment Screw Pump MCC Relocation Emergency Generator Plug Installation
Provide treatment process improvements, including increasing biosolids processing capacity	Thickening Improvements Study and Process Improvement Implementation Aeration System Upgrades (P80113) WPCF Additional Boiler for Increased Heat Capacity W2 Pump Station (BMF Additional Pump)
Plan for future trends and flexibility	Control System Improvement, Phase 1 - Study and Evaluation Control System Improvement, Phase 2 - Design and Construction Cell Tower Condition Assessment

Recommended Plan of Action

As a strategic planning document, the PFP also serves as a roadmap for MWMC's preparation for the 2027 renewal of the MWMC NPDES permit. A key outcome of this planning effort is the identification of numerous actionable items, which are essential for maintaining compliance and operational efficiency. These items have not yet been incorporated into the proposed CIP; however, they represent activities to be stewarded by engineering, operations, and maintenance teams through the course of normal work processes.

These recommendations span across MWMC facilities and are categorized by facilities plan tasks. They address both immediate needs and long-term planning objectives, ensuring the system remains resilient and adaptable to future regulatory and operational demands. Key findings are organized by task, and an overview is summarized as follows:

- **PFP Task 1: Project Management and Coordination**
  - **Focus:** Regulatory Compliance
  - **Key Themes:**
    - Maintain regulatory compliance with DEQ and determine critical dilution for water quality criteria compliance under future NPDES permit renewals.
    - Updated mixing zone study within the next 5 to 10 years as effluent flows increase beyond the projected flows.
  - **Follow Up:** Multiple studies, not yet implemented into CIP.
- **PFP Task 2: Early Analysis Recommendations**
  - **Focus**: Monitoring, data collection, and regulatory preparedness.
  - **Key Themes**:
    - Improve influent/effluent monitoring (for example, initiate or increase frequency of monitoring of NH_3-N, phosphorus, chemical oxygen demand, PFAS).
    - Address discrepancies in sampling and flow data.
    - Prepare for future regulatory changes (for example, thermal plume analysis, ammonia reasonable potential analyses, PFAS).
    - Enhance pretreatment program compliance and documentation.
  - **Follow Up**: Recurring PFP updates, additional studies; not yet implemented into CIP.
- **PFP Task 3: Permit and Land Use Recommendations**
  - **Focus**: Compliance with NPDES, new Conditional Use Permit (CUP) at WPCF, Air Contaminant Discharge Permit (ACDP) renewal and other regulatory permits and processes.
  - **Key Themes**:
    - Comply with extensive annual and periodic monitoring, sampling, and reporting requirements (for example, toxics, effluent, stormwater, biosolids).
    - Complete emergency response planning and on-going staff/operator training. Ensure biosolids and recycled water use compliance in light of future regulations.
    - Establish comprehensive site plan for new WPCF CUP.
  - **Follow Up**: Programmatic changes; not CIP-related update ACDP permit, and CIP project implementation.
- **PFP Task 4: Condition Assessment Recommendations**
  - **Focus**: Structural repairs and maintenance across treatment facilities.
  - **Key Themes**:
    - Complete high-priority repairs to concrete structures, coatings, and mechanical components.
    - Conduct routine reassessments and inspections (for example, every 2 to 10 years).
    - Ensure most recommendations are implemented into CIP projects.
  - **Follow Up**: Various CIP projects and maintenance and repair projects.
- **PFP Task 5: Conveyance System Recommendations**
  - **Focus**: Collection system capacity and condition.
  - **Key Themes**:
    - Continue RDI/I abatement and repair programs in Eugene, Springfield, and MWMC systems.
    - Conduct closed-circuit television inspections and prioritize repairs using industry-standard Pipeline Assessment Certification Program ratings.
  - **Follow Up**: Mix of program changes and CIP implementation.

- **PFP Task 6: Infrastructure Analysis Recommendations**
  - **Focus**: Liquids, solids, odor, equipment, storage, biosolids, and energy systems.
  - **Key Themes**:
    - Complete MCC relocation, boiler capacity, and cogeneration system improvements.
    - Optimize storage space and make structural upgrades.
    - Implement biosolids study, thickening, struvite management, and digester cleaning strategies.
    - Identify heating water system inefficiencies and heating, ventilation, and airconditioning inconsistencies.
    - Conduct odor control system maintenance and upgrades.
  - **Follow Up**: Mix of CIP, maintenance, and further study.

Together, these recommendations form a robust foundation for MWMC's future planning and investment decisions, ensuring continued service reliability and environmental stewardship.

In summary, this PFP provides MWMC with a clear, actionable, and forward-looking strategy to guide infrastructure investments over the planning period. By aligning capital improvements with regulatory requirements, community growth, and operational priorities, the plan ensures that MWMC remains a resilient, compliant, and fiscally responsible utility. The integration of both immediate and long-term recommendations—spanning structural repairs, system upgrades, and regulatory preparedness—positions MWMC to proactively address future challenges while continuing to deliver reliable and environmentally sound wastewater services to the Eugene-Springfield and Lane County region.

Proposed Projects

Description of Proposed Improvements

Based on the recommended improvements summarized in Section 9.4.2, Summary of Recommended Improvements, a list of proposed capital projects was developed. In some cases, discrete recommended improvements were combined into single capital projects due to similar scopes or project locations. For each capital project, a project profile form was prepared outlining the following:

- MWMC project number (if applicable)
- Project name
- Project description
- Project status
- Project justification
- Project driver
- Project trigger
- Project category
- Project process
- Estimated project cost
- Estimated project cash flow

Appendix N provides capital project profiles. Table 10-1 is a summary of the proposed capital projects in order of proposed implementation. The implementation plan is described in Section 10.3, Capital Improvement Plan.

Table 10-1. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
Repair Clarifiers and Final Treatment	FY 25-26	Repair the existing concrete within the primary clarifiers and final treatment including spot repair of missing and large aggregate, rebar corrosion and coating in selected areas of the facility. Includes process piping and dewatering sump coating removal and replacement. Final treatment requires repairing damaged concrete surfaces with repair mortar or protective coatings and will require abrasive blasting or high-pressure water washing of the concrete surfaces. Any reinforcing exposed during this procedure should be observed by a qualified structural and/or corrosion engineer to determine the purpose of the reinforcing and the extent of the damage. The repairs will likely need to expose the reinforcing, which would need to be cleaned, replaced, or added to as necessary, and repair mortar applied to the original wall thickness. Additionally, expansion joint material needs to be replaced in the effluent channel. The T-channel is excluded from this work.
Biosolids Improvement Study	FY 25-26	Three-part study to support long-term biosolids management planning and determine whether updates to the DEQ-approved Biosolids Management Plan are needed. • Part 1: Analyze FSL liquid characteristics and solids generation to establish current and projected loading rates. • Part 2: Evaluate biosolids processing, management, and end-use options to identify operational, regulatory, and cost-efficiency improvements. • Part 3: Develop prioritized project sequencing and recommendations for targeted management strategies and facility upgrades. The study will address flow metering and monitoring needs, FSL lagoon improvement or expansion, air-drying bed improvement or expansion, dewatering optimization, thermal or gasification technologies, landfill

Table 10-1. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
		disposal feasibility, pathways to Class A equivalency, land-application program opportunities, and operation constraints.
WPCF Boiler Upgrades	FY 26-27	This project will review existing heating plant study results and design and replace the engine generator (EG) with an additional boiler capable of 100% redundancy for meeting WPCF peak heating demand.
Thickening Improvements Study and Process Improvement Implementation	FY 26-27	Complete study and hydraulic modeling to improve primary sludge thickening pumps. An additional study will be completed to evaluate WAS thickening improvements including co-thickening with primary sludge and WAS with RDTs, or replacement of existing GBTs to reduce hydraulic requirement for an additional digester within the planning period
Pretreatment Screw Pump MCC Relocation	FY 27-28	Relocation of the screw pump MCC to less corrosive environment.
Mobile Waste Hauler/ Septage Receiving Station, Phase 1 - Evaluation and Study	FY 27-28	Study to evaluate concepts and predesign of mobile waste hauler/septage receiving station. Study will evaluate feasibility of relocating offsite to reduce traffic impact at the WPCF site.
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	FY 27-28	Perform condition assessment (PACP) review of 72- to 78-inch- diameter pipeline, ~30,000 feet.
WPCF Storage Improvements	FY 28-29	Expand covered outdoor areas to create additional dry storage capacity and improve indoor storage functionality, increasing equipment and material storage availability across the site.
Asphalt Repair (WPCF, BMF, and MWMC-Owned Pump Stations)	FY 28-29	Rehabilitation of the existing pavement surfaces at the BMF, WPCF, Glenwood, and Willakenzie pump stations.
Emergency Generator Plug Installation	FY 28-29	Add additional generator plugs and new switchgear at the WPCF pretreatment facility. Add generator plugs at WPCF aeration/blowers facility and Willakenzie Pump Station to provide resiliency and maintain treatment processes during a power outage.
Cell Tower Condition Assessment	FY 28-29	Study to evaluate seismic resilience of MWMC-owned cell tower near the west end of the WPCF due to the proximity of the Admin Building constructed as part of the Admin Building Improvements Project (P80104).
BMF Equipment Dry Storage Expansion	FY 29-30	Expansion of the existing storage building at the BMF for equipment and materials. The current building is currently full and in need of additional storage space including insulating for better wet weather working area.
FOG Receiving Station, Phase 1 - Evaluation and Study	FY 29-30	Study to develop predesign concept and process impacts and benefits of the addition of FOG receiving station at the WPCF.
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	FY 29-30	Assumes 15 to 20 percent of the 30,000 feet requires repair or lining.
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	FY 30-31	Repair the existing concrete structure including coating exposed rebar, repair of full wall thickness cracks, replacement of existing expansion joint material, spot repair of spalled material and rebar corrosion, spalled material and cracking between the launder and clarifier wall. Construction estimate includes full bypass to perform reinforcement and expansion joint material in

Table 10-1. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
		the mixed liquor channel and some process appurtenance replacements such as various piping and gates.
Force Main Condition Assessment and Evaluation	FY 31-32	Condition Assessment program to evaluate the existing condition of MWMC force mains. Investigation could include desktop evaluation and risk assessment, semi-invasive investigation such as soil sampling or ultrasonic thickness testing to evaluate corrosion and invasive investigation including dye testing, smart probes, and/or smart pigging.
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	FY 32-33	This project anticipates replacement of existing FRP tanks with three new FRP tanks for bulk sodium hypochlorite storage and includes replacement of existing four hypochlorite metering pumps with 300 gph pumps. At the time of this project, the design team shall complete a study to compare continuation of existing bulk purchase to implementation of onsite generation.
W2 Pump Station (BMF Additional Pump)	FY 32-33	Installation of an additional pump dedicated to BMF at the existing W2 pump station.
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	FY 32-33	Repair of expansion joint material in T-channel and secondary effluent conduit called out during diving inspections. Complete structural inspection of rarely dewatered conduits during the temporary bypass required to facilitate repairs.
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	FY 32-33	Relocation of mobile waste hauler receiving station and vactor truck pit near the aeration basins. Pump station and yard piping required to convey material to pretreatment facilities. Upgrading to larger capacity system and relocating to improve vehicular traffic pattern within the facility and provide easier maintenance. This project is budgeted but not currently required given regulations or anticipated flow and load increases. This project will be implemented if deemed necessary in the study above and includes some cost for possible land purchase for offsite station installation.
Pretreatment Facilities and Pre-aeration Chamber Repair and Pipe Upgrade	FY 34-35	Repair the existing WPCF pretreatment facility including spot repair of large missing aggregate, surface coating and rebar corrosion within the existing concrete structure. Includes minor process piping improvements and coating on chain and flight supports. Additionally, this project proposes to eliminate the pre-aeration channel by installing a new pipeline within the channel to reduce energy usage with removal of aeration blower system.
FOG Receiving Station, Phase 2 - Design and Construction	FY 34-35	Installation of FOG receiving station and associated yard piping to convey material to increase organic loading within digesters. This project is budgeted but not currently required given regulations or anticipated flow and load increases. This project will be implemented if deemed necessary in the study above.
Control System Improvement, Phase 1 - Study and Evaluation	FY 36-37	Study to evaluate the existing control system and complete predesign concepts for capital implementation.
Control System Improvement, Phase 2 - Design and Construction	FY 37-38	Placeholder for control system improvements based upon the study listed above.

Table 10-1. Proposed Capital Projects, Year of Start-Up, and Description

Capital Projects	Project Start	Project Description
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	Ongoing	On-call engineering support for NPDES and other permit updates, facilities plan updates and amendments, and structural inspections as recommended by Jacobs Task 4.1 technical memorandums. Additional budget allocated to this line item for conditional land use permit updates.

BMF = Biosolids Management Facility; DEQ = Oregon Department of Environmental Quality; FOG = fats-oils-grease; FY = fiscal year; FRP = fiberglass-reinforced plastic; gph = gallon(s) per hour; GBT = gravity belt thickener; MCC = motor control center; MWMC = Metropolitan Wastewater Management Commission; NPDES = National Pollutant Discharge Elimination System; PACP = Pipeline Assessment Certification Program; PFAS = per- and polyfluoroalkyl substances; RDT = rotary drum thickener; WAS = waste activated sludge; WPCF = Eugene-Springfield Water Pollution Control Facility; W2 = plant water.

Cost Estimates of Proposed Improvements

Table 10-2 presents capital cost estimates for the proposed capital projects outlined in Table 10-1. These estimates are organized by system to provide a clear overview of investment distribution. The assumptions and methodology used to develop these cost estimates are detailed in Section 7.4, Basis of Cost Estimates. Capital construction costs were estimated based on the approach outlined in Section 7.4.1, Construction Costs, and include a percentage range from 5 to 40 percent per Section 7.4.3, for Project Delivery Costs. Project are sorted in Table 10-2 by the impacted system including the following:

- Conveyance
- Liquids Process
- Solids Management
- Support Facilities

The capital delivery costs are estimated based on the estimated project complexity in Table 7-13, Percentage of Project Complexity for Project Delivery Costs.

Table 10-2. Cost Estimates of Proposed Capital Projects

Capital Project Name	Capital Delivery Cost	Capital Construction Cost	Capital Cost*
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	$349,000	$1,394,000	$1,750,000
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Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	$1,751,000	$7,002,000	$8,760,000
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Solids Management Subtotal			**$120,030,000**
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BMF Equipment Dry Storage Expansion	$788,000	$3,150,000	$3,940,000
Asphalt Repair (WPCF, BMF, and MWMC-Owned Pump Stations)	$1,067,000	$4,267,000	$5,340,000
Cell Tower Condition Assessment	$90,000	$0	$90,000
Control System Improvement, Phase 1 - Study and Evaluation	$200,000	$0	$200,000
Control System Improvement, Phase 2 - Design and Construction	$2,495,000	$6,236,000	$8,740,000
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	$6,150,000	$0	$6,150,000
Support Facilities Subtotal			**$30,190,000**
Proposed Capital Project Total			**$218,450,000**

* Totals are rounded to the nearest $10,000. The construction costs are indexed to the December 2024 Engineering News-Record (ENR) Construction Cost Index (CCI) for the City of Seattle (7864).

Capital Improvement Plan

The scheduling of individual capital improvement projects was developed to align with long-term regional wastewater treatment objectives and anticipated regulatory requirements. A phased implementation strategy was applied to select projects to provide operational flexibility and maintain regulatory compliance. For example, biosolids management improvements are proposed to follow a multi-phase approach, beginning with a comprehensive end-use evaluation and incorporating potential process improvements, including pyrolysis. This

strategy is designed to proactively address emerging regulatory drivers such as PFAS contamination, optimize capital budget allocations, and allow for adaptive integration of future treatment technologies.

Project implementation timelines were consolidated by FY based on a prioritization framework that considers capacity constraints, structural integrity, regulatory compliance, and critical facility needs. To mitigate fluctuations in annual capital expenditures, project phasing was adjusted to balance cost distribution while maintaining alignment with MWMC's Vision, Mission, and Core Values. Whenever possible, state and federal grant funding will be sought to pay for projects identified in the Capital Improvement Plan (CIP). The CIP also integrates existing MWMC capital projects, ensuring continuity and consistency across the planning horizon. Figures 10-1 and 10-2 provide overall site plans for the WPCF and BMF with the proposed CIP. Table 10-3 summarizes the existing MWMC capital projects. Table 10-4 summarizes the detailed capital projects and FY budgets, sorted by category.

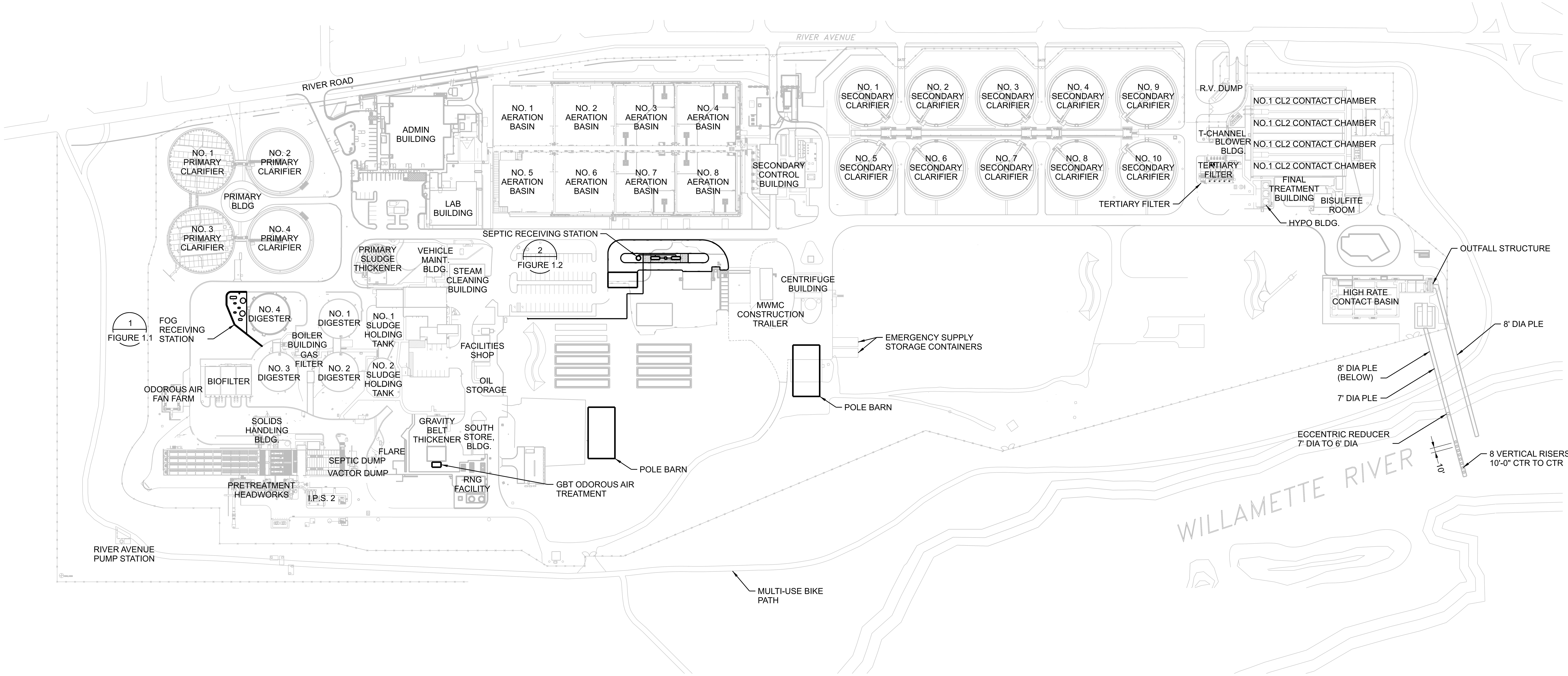


Figure 10-1. Propose Site Plan at WPCF based on Recommended CIP

NO.	DATE	REVISION	BY	APVD

DSGN | DR | CHK | APVD

FACILITIES PLAN - 2025

METROPOLITAN WASTEWATER MANAGEMENT COMMISSION

410 RIVER AVENUE
EUGENE OREGON

Jacobs

FIGURE 10-1

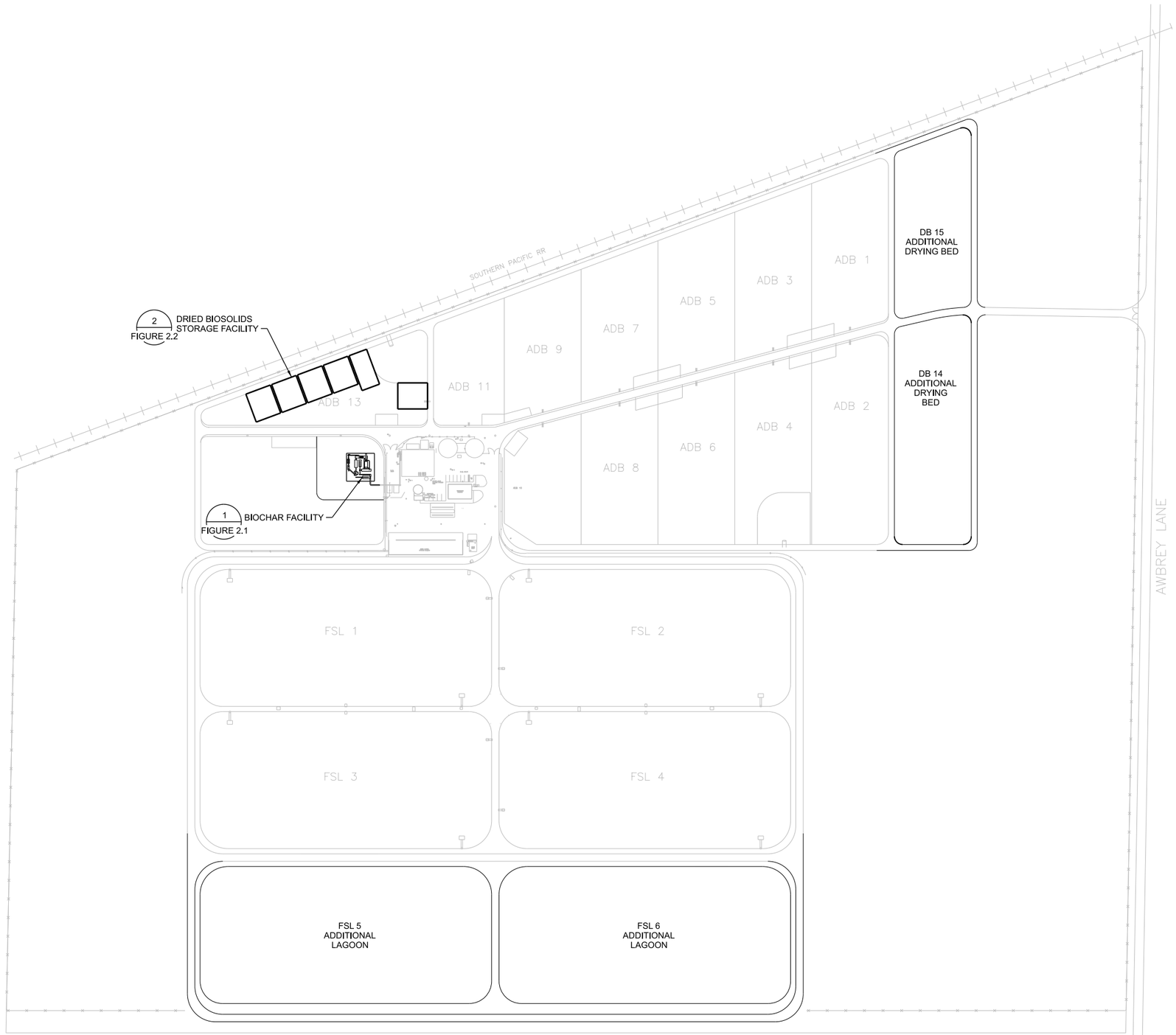
SITE LAYOUT OF RECOMMENDED IMPROVEMENTS

NTS

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	JANUARY 2025
PROJ	D3710201
DWG	
SHEET	of



1 OVERALL PLAN
1" = 150'

Figure 10-2. Proposed Site Plan at the BMF based on the Recommended CIP

N
0 150 300 450
Scale In Feet

BIOSOLIDS MANAGEMENT FACILITY
METROPOLITAN WASTEWATER MANAGEMENT COMMISSION
410 RIVER AVENUE
EUGENE OREGON

Jacobs

FIGURE 2.0
BMF SITE LAYOUT OF RECOMMENDED IMPROVEMENTS ALTERNATE - 1

NTS
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"
JANUARY 2025
D3710201

Table 10-3. Existing Metropolitan Wastewater Management Commission Capital Projects

Capital Project Name	Project Description	Total Capital Budget	Budget Used prior to Planning Period	Remaining CIP Budget
Aeration System Upgrades (2023 to 2026)	This project will implement the design and construction of additional upgrades/changes to the existing aeration systems.	$40,000,000	$4,700,000	$35,300,000
Admin Building Improvements	This project will address the Administration/Operations Building workspace needs at the Water Pollution Control Facility (WPCF).	$28,000,000	$11,200,000	$16,800,000
Electrical Switchgear and Transformer Replacement	This project will upgrade the existing WPCF and Willakenzie Pump Station switchgear and medium voltage transformers.	$17,000,000	$2,100,000	$14,900,000
Water Quality Trading Program	The MWMC Water Quality Trading Program secures regulatory credits for enhancing water quality through watershed restoration. The program fulfills the "Schedule C" Compliance Schedule requirements in the MWMC 2022 NPDES permit.	$13,000,000	$3,700,000	$9,300,000
Glenwood Pump Station Upgrade	Expand Glenwood pump station capacity to accommodate growth and meet Oregon Department of Environmental Quality (DEQ) wastewater pump station design requirements.	$2,600,000	$900,000	$1,700,000
WPCF Stormwater Infrastructure	Retrofit and/or change existing stormwater infrastructure at the Water Pollution Control Facility (WPCF). Also, update the WPCF Conditional Use Permit (CUP) related to stormwater infrastructure planning for upcoming construction.	$600,000	$60,000	$540,000
Comprehensive Facilities Plan Update	The goal of a new MWMC Facilities Plan is to build on the previous planning efforts to develop a practical and cost-effective set of capital improvements necessary to meet community needs and evolving environmental standards for all facilities for the next 20-plus years.	$3,550,000	$3,250,000	$300,000
Facility Plan Engineering Services	Engineering/technical/vendor services for analysis, project definition, cost estimating, design feedback, follow up approvals, and general consultation regarding the MWMC Facilities Plan follow up support. The related project P80090 for consultant services was closed out in FY 21-22.	$1,280,000	$300,000	$980,000
Owosso Bridge Seismic Upgrades	Rehabilitation of the Owosso Bridge to provide seismic resiliency by strengthening bridge bent to pier connections.	$6,500,000	$0	$6,500,000

Table 10-3. Existing Metropolitan Wastewater Management Commission Capital Projects

Capital Project Name	Project Description	Total Capital Budget	Budget Used prior to Planning Period	Remaining CIP Budget
Resiliency Follow-up	The main objective is to address "level of service" goals before a natural disaster such as a 9.0 magnitude earthquake or major flooding. This project provides follow-up evaluation and some implementation of the P80096 Resiliency Study (Disaster Mitigation and Recovery Plan - dated March 2020).	$44,430,000	$0	$44,430,000
Total		**$156,960,000**	**$26,210,000**	**$130,750,000**

Table 10-4. Recommended Capital Project Budget by Fiscal Year

Project Name	Estimated Capital Cost	Capital Budget by Fiscal Year																			
		FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	FY 32-33	FY 33-34	FY 34-35	FY 35-36	FY 36-37	FY 37-38	FY 38-39	FY 39-40	FY 40-41	FY 41-42	FY 42-43	FY 43-44	FY 44-45
Glenwood Pump Station Upgrade	$2,600,000	$1,100,000	$600,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Owosso Bridge Seismic Upgrades	$6,500,000	$0	$800,000	$2,700,000	$2,800,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	$1,750,000	$0	$0	$260,000	$740,000	$740,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	$6,590,000	$0	$0	$0	$0	$990,000	$2,800,000	$2,800,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Force Main Condition Assessment and Evaluation	$4,190,000	$0	$0	$0	$0	$0	$0	$630,000	$1,190,000	$1,190,000	$1,190,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Conveyance Subtotal	**$21,630,000**	**$1,100,000**	**$1,400,000**	**$2,960,000**	**$3,540,000**	**$1,930,000**	**$2,800,000**	**$3,430,000**	**$1,190,000**	**$1,190,000**	**$1,190,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Aeration System Upgrades (2023 to 2026)	$40,000,000	$10,500,000	$12,500,000	$10,300,000	$2,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Repair Clarifiers and Final Treatment	$38,740,000	$5,810,000	$6,590,000	$6,590,000	$6,590,000	$6,590,000	$6,590,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Water Quality Trading Program	$13,000,000	$2,000,000	$1,800,000	$1,400,000	$600,000	$250,000	$150,000	$1,050,000	$1,050,000	$1,000,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Pretreatment Screw Pump MCC Relocation	$600,000	$0	$0	$100,000	$250,000	$250,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency Generator Plug Installation	$230,000	$0	$0	$0	$30,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	$4,870,000	$0	$0	$0	$0	$0	$730,000	$1,380,000	$1,380,000	$1,380,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	$2,610,000	$0	$0	$0	$0	$0	$0	$0	$480,000	$2,130,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
W2 Pump Station (BMF Additional Pump)	$1,790,000	$0	$0	$0	$0	$0	$0	$0	$310,000	$740,000	$740,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	$1,260,000	$0	$0	$0	$0	$0	$0	$0	$270,000	$500,000	$500,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Pretreatment Facilities and Pre-aeration Chamber Repair and Pipe Upgrade	$5,590,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$840,000	$2,380,000	$2,380,000	$0	$0	$0	$0	$0	$0	$0	$0
Liquids Process Subtotal	**$108,690,000**	**$18,310,000**	**$20,890,000**	**$18,390,000**	**$9,470,000**	**$7,290,000**	**$7,470,000**	**$2,430,000**	**$3,490,000**	**$5,750,000**	**$2,080,000**	**$2,380,000**	**$2,380,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Biosolids Improvement Study	$90,900,000	$200,000	$3,360,000	$6,060,000	$7,570,000	$10,330,000	$13,140,000	$16,750,000	$16,750,000	$16,750,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
WPCF Boiler Upgrades	$2,550,000	$0	$380,000	$1,080,000	$1,080,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Thickening Improvements Study and Process Improvement Implementation	$7,280,000	$0	$150,000	$1,680,000	$2,730,000	$2,730,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mobile Waste Hauler / Septage Receiving Station, Phase 1 - Evaluation and Study	$200,000	$0	$0	$150,000	$50,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FOG Receiving Station, Phase 1 - Evaluation and Study	$400,000	$0	$0	$0	$0	$300,000	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	$8,760,000	$0	$0	$0	$0	$0	$0	$0	$1,310,000	$3,720,000	$3,720,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FOG Receiving Station, Phase 2 - Design and Construction	$9,940,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,930,000	$4,000,000	$4,000,000	$0	$0	$0	$0	$0	$0	$0	$0
Solids Management Subtotal	**$120,030,000**	**$200,000**	**$3,890,000**	**$8,970,000**	**$11,430,000**	**$13,360,000**	**$13,240,000**	**$16,750,000**	**$18,060,000**	**$20,470,000**	**$5,650,000**	**$4,000,000**	**$4,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
WPCF Stormwater Infrastructure	$600,000	$230,000	$310,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Admin Building Improvements	$28,000,000	$16,000,000	$800,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Electrical Switchgear and Transformer Replacement	$17,000,000	$4,600,000	$7,600,000	$2,700,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Resiliency Follow-up	$44,430,000	$780,000	$1,710,000	$1,890,000	$6,480,000	$2,770,000	$4,500,000	$1,670,000	$2,600,000	$4,180,000	$3,490,000	$5,740,000	$470,000	$770,000	$140,000	$1,310,000	$2,980,000	$270,000	$1,010,000	$250,000	$1,420,000
Comprehensive Facilities Plan Update	$3,550,000	$300,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Facility Plan Engineering Services	$1,280,000	$300,000	$160,000	$160,000	$160,000	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
WPCF Storage Improvements	$5,730,000	$0	$0	$0	$860,000	$2,440,000	$2,440,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
BMF Equipment Dry Storage Expansion	$3,940,000	$0	$0	$0	$0	$590,000	$3,350,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Asphalt Repair (WPCF, BMF, and MWMC Owned Pump Stations)	$5,340,000	$0	$0	$0	$800,000	$2,270,000	$2,270,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Cell Tower Condition Assessment	$90,000	$0	$0	$0	$70,000	$20,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Control System Improvement, Phase 1 - Study and Evaluation	$200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$150,000	$50,000	$0	$0	$0	$0	$0	$0	$0
Control System Improvement, Phase 2 - Design and Construction	$8,740,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,870,000	$2,290,000	$2,290,000	$2,290,000	$0	$0	$0	$0
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	$6,150,000	$250,000	$200,000	$200,000	$320,000	$330,000	$250,000	$0	$0	$320,000	$330,000	$250,000	$0	$0	$320,000	$330,000	$250,000	$0	$0	$0	$2,800,000
Support Facilities Subtotal	**$125,050,000**	**$22,460,000**	**$10,780,000**	**$4,950,000**	**$8,690,000**	**$8,620,000**	**$12,810,000**	**$1,670,000**	**$2,600,000**	**$4,500,000**	**$3,820,000**	**$5,990,000**	**$620,000**	**$2,690,000**	**$2,750,000**	**$3,930,000**	**$5,520,000**	**$270,000**	**$1,010,000**	**$250,000**	**$4,220,000**
Comprehensive Facilities Plan 20-year Capital Project Total	**$375,400,000**	**$42,070,000**	**$36,960,000**	**$35,270,000**	**$33,130,000**	**$31,200,000**	**$36,320,000**	**$24,280,000**	**$25,340,000**	**$31,910,000**	**$12,740,000**	**$12,370,000**	**$7,000,000**	**$2,690,000**	**$2,750,000**	**$3,930,000**	**$5,520,000**	**$270,000**	**$1,010,000**	**$250,000**	**$4,220,000**
Previous Budget Used on Existing Capital Improvement Projects	**$26,210,000**																				
Estimated Capital Project Total for the Planning Period	**$349,190,000**																				

* The construction costs are indexed to the December 2024 Engineering News-Record (ENR) Construction Cost Index (CCI) for the City of Seattle (7864).

The recommended implementation schedule focused on completing projects with reasonable year-to-year capital budgets without compromising facility needs and implementing new projects in sequence with the existing CIP projects. Project sequencing is based on a series of assumptions, including regulatory requirements (current and projected in the future), forecasted influent flows and loads, existing structural conditions of facilities, and redundancy. Projects have been prioritized to remove structural risks identified during inspections and meet regulatory requirements, namely PFAS impacts for biosolids land application.

Operations and Maintenance

Table 10-5 provides an estimate of the increased annual O&M costs, along with the NPV of the 20-year O&M expenses associated with each capital improvement project. The table also includes the projected number of additional FTE employees needed to support these efforts. Annual O&M costs were developed using the methodology described in Section 7.4.4, Operations and Maintenance Cost. As new facilities are constructed and become operational throughout the 20-year planning horizon, these estimates should continue to be refined.

Table 10-5. Estimated Operations and Maintenance Costs

Capital Project	Increase Yearly O&M Costs	20-Year Net Present Value	Number of Additional FTEs
Repair Clarifiers and Final Treatment	$0	$0	0
Biosolids Improvement	$1,200,000	$14,952,000	4
WPCF Boiler Upgrades	$0	$0	0
Thickening Improvements Study and Process Improvement Implementation	$0	$0	0
Pretreatment Screw Pump MCC Relocation	$0	$0	0
Mobile Waste Hauler/Septage Receiving Station, Phase 1 - Evaluation and Study	$0	$0	0
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	$0	$0	0
WPCF Storage Improvements	$0	$0	0
Asphalt Repair (WPCF, BMF, and MWMC-Owned Pump Stations)	$0	$0	0
Emergency Generator Plug Installation	$0	$0	0
Cell Tower Condition Assessment	$0	$0	0
BMF Equipment Dry Storage Expansion	$0	$0	0
FOG Receiving Station, Phase 1 - Evaluation and Study	$0	$0	0
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	$0	$0	0
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	$0	$0	0
Force Main Condition Assessment and Evaluation	$0	$0	0
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	$393,000	$4,897,000	0
W2 Pump Station (BMF Additional Pump)	$5,000	$63,000	0

Table 10-5. Estimated Operations and Maintenance Costs

Capital Project	Increase Yearly O&M Costs	20-Year Net Present Value	Number of Additional FTEs
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	$0	$0	0
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	$27,000	$337,000	0
Pretreatment Facilities and Pre-aeration Chamber Repair and Pipe Upgrade	$0	$0	0
FOG Receiving Station, Phase 2 - Design and Construction	$375,000	$4,673,000	2
Control System Improvement, Phase 1 - Study and Evaluation	$0	$0	0
Control System Improvement, Phase 2 - Design and Construction	$0	$0	0
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	$0	$0	0
Totals	**$2,000,000**	**$24,922,000**	**6**

* Totals are rounded to the nearest $1,000.

Staffing

Throughout the 20-year planning period, both the number of active projects and the capital budget allocation vary significantly, primarily due to the early scheduling of high-priority initiatives focused on structural rehabilitation and biosolids resiliency. Figure 10-3 shows the forecasted capital improvement budget with the number of anticipated active capital improvement projects by year. The initial 5 years reflect a front-loaded capital investment strategy, with over 54 percent of the total $349.1 million budget allocated during this period. This results in a consistently high volume of activity, averaging 15 active projects per year, and requires a robust project management team—up to seven project managers (PMs)—to meet proposed schedules and maintain delivery standards.

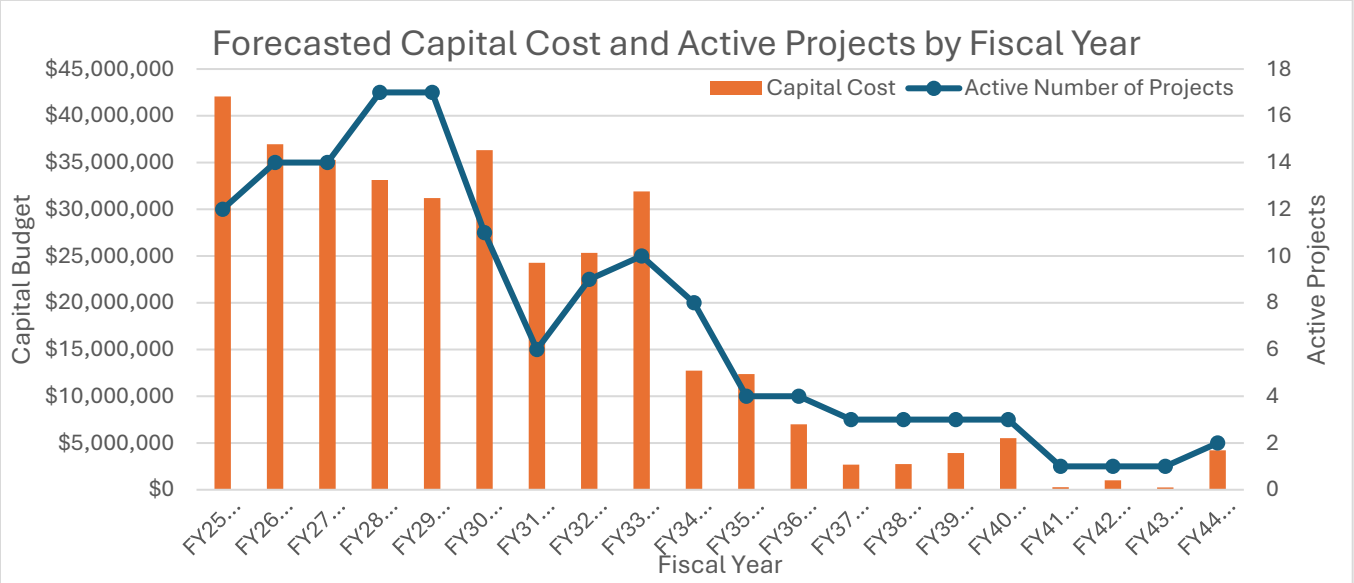


Figure 10-3. Forecasted Capital Improvement Cost and Active Projects by Fiscal Year

As the planning period progresses, both capital investment and project activity decline. Years 6–10 see a reduction to 35 percent of the total budget, with an average of eight active projects per year, requiring four PMs. In years 10–15, the budget drops to 8 percent, with only three projects per year and two PMs needed. The final 5 years (years 16–20) represent just 3 percent of the total budget, with minimal activity—two projects per year—requiring only one PM.

To provide successful delivery across all phases, project management staffing should be scaled in alignment with workload projections. These projections are based on assumptions of $8 million in CIP budget per PM per year and average 2.5 projects per PM per year, ensuring efficient resource allocation. Increasing staff with permanent full-time hires can be challenging when the workload is not sustained for the long term. Some public agencies have enacted formal program management organizations to manage a significant number of related projects, during a defined period. Other public agencies in Oregon have used managed short- and intermediate-term peak workloads via limited-term project management employee hiring (for 2 or 3 years' duration) or third-party staff augmentation, engaging consulting staff either on a part-time or full-time basis to manage other consultant project teams, while maintaining a reporting and approval structure to the public agency. MWMC should consider limited term third-party consultant or limited term project manager hires to deliver the proposed projects.

Importantly, the staffing plan should incorporate flexibility to adapt to unexpected project demands, such as emergency repairs, regulatory-driven initiatives, or opportunities for grant-funded improvements. Maintaining staffing flexibility with reserve capacity, cross-trained staff, or contract project management staff will be critical to responding effectively without compromising ongoing project delivery.

Financial Planning

This section discusses MWMC's audited financial statements, current financial status, future financial plans, and strategic options for financing the process facilities needs in this plan. Before seeking to incur new debt, all available grant programs should be evaluated for their potential to offset targeted program costs. As projects move forward and equipment and material specifications become defined, opportunities to achieve cost savings—such as manufacturer rebates or discounts for bulk or phased purchases—should be actively explored.

Audited Financial Statements

The MWMC received and accepted an Annual Financial Report in February 2025 from an independent Certified Public Accounting firm related to fiscal year 2023-2024. The MWMC financial information is available within the February 14, 2024, public meeting archive tool.

Audited financials must be provided to DEQ before a Clean Water State Revolving Fund loan can be drafted for funding. These are part of the underwriting to determine if a community can take on debt. DEQ also needs a community budget to get an idea of reserves, debt, and income. Current and future sewer utility rates would be included in state revolving fund loan documentation.

Funding Strategy

MWMC will need access to funding for over 55 percent of the costs for recommended projects within the first 5 years of this 20-year Process Facilities Plan (PFP). As part of this PFP, MWMC has evaluated outside sources beyond revenue generated from wastewater rates and system development charges (SDCs). Feasible funding sources are summarized in Table 10-6.

Table 10-6. Advantages and Disadvantages of Outside Funding Programs

Funding Program	Source	Advantages	Disadvantages
Clean Water State Revolving Fund (CWSRF)	DEQ	Below-market rate loans Most of this plan's projects are eligible Most beneficial for projects with costs $10 – 20 million	Can take up to 13 months to close a loan Requires DEQ oversight of plans and specifications, fiscal sustainability plan certification, among other requirements

Table 10-6. Advantages and Disadvantages of Outside Funding Programs

Funding Program	Source	Advantages	Disadvantages
		Repayment begins after construction is complete	
Business Oregon Loan Programs	Business Oregon	Below-market rate loans Flexible terms	Water and Wastewater loans are limited to $10 million per project Only some projects are eligible for Special Public Works Fund
Water Infrastructure and Finance Innovation Act (WIFIA)	EPA	Best to fund "big ticket" projects or bundles of projects with costs > $20 million Delayed repayment for up to 5 years Under 1% borrowing costs	Application and loan closing can take 12 – 20 months Not all proposed projects are eligible Higher interest rates than CWSRF and Business Oregon programs
Revenue Bonds	Private	MWMC has experience using revenue bonds Faster application and loan closing process	Fluctuating interest rates Higher borrowing costs
Grants	Federal	Some federal grant programs can offer high dollar awards to significantly reduce the amount of debt service incurred on capital infrastructure funding.	Federal grant awards must comply with 2 CFR 200 Uniform Grant Guidance requirements, including procurement, domestic preference, and NEPA environmental and cultural reviews. Federal grants are not considered a stable and reliable funding resource in the current environment.
Grants	State/ Local	State and local grant programs are considered a reliable and stable source of funding for capital projects. When used as part of a diversified capital stack, they can provide utilities significant cost savings, reduce debt service, and pair well with other Business Oregon and DEQ funding programs. There are no federal requirements.	Competition for state grant funding is high. Balanced budget requirements to plug the funding shortfall associated with cuts to SNAP and Medicaid under the OBBB may impact amounts of funding available.

NEPA = National Environmental Policy Act; OBBB = One Big Beautiful Bill; SNAP = Supplemental Nutrition Assistance Program.

This funding strategy focuses primarily on loans rather than grants, even though several proposed projects may be eligible for state or federal grant funding. While grant opportunities should be pursued when available, loan programs offer more predictable terms and timing, which provides greater stability for financial planning. Because grant availability and award amounts are uncertain, they cannot be relied upon to fully meet the capital improvement program's forecasted funding needs. Additionally, grants can offer valuable opportunities to leverage significant capital resources with minimal local investment. When available, they allow utilities to complete specific capital projects sooner than would otherwise be possible, while preserving reserves and local funds for other priorities. Most grants require a formal application process, and some involve timelines that demand substantial planning before construction can begin. In addition, competition for limited grant funding can be strong among agencies.

Grants are often accompanied by specific requirements (e.g., BABA [Build America, Buy America], American Iron and Steel requirements, NEPA, prevailing wage provisions), may cover less than the full cost of a project, and are typically dependent on legislative appropriations. In many cases, grant funds can be combined with other funding sources to support a single or multiple projects. In recent years, grants for wastewater-related projects have become less common, and available funding can be unpredictable. Securing and managing grants also requires careful administrative oversight and ongoing reporting.

Despite these challenges, grant opportunities should be pursued whenever feasible, as they remain an important tool for MWMC to help finance critical projects and advance long-term infrastructure goals.

Overview of MWMC Revenues

The total net position for MWMC continues to show a steady growth trend and is made up primarily of investments in capital assets, followed by unrestricted assets, restricted amounts held for investment in the CIP, and any remaining amounts restricted for debt service. MWMC is focused on maintaining a robust capital program with numerous repair, replacement, and rehabilitation investments to ensure the WPCF meets existing and future regulatory requirements, is resilient to severe weather and natural hazards, and continues to operate sustainably in perpetuity. Revenue sources include the following (estimated):

- MWMC regional user charges
- Septage hauling
- RNG sales
- Property leases
- SDCs

MWMC User Charges and Rate Structure

MWMC's user fee system was developed and implemented in 1985. State and federal regulations require that MWMC's system of charges and rates generate sufficient revenue to fund the proper O&M (including replacement) of the treatment works. Annual allocations are made to an equipment replacement reserve from user fee revenue. Funds from this reserve are used to pay for timely replacement of equipment, with an original cost over $10,000, and with a useful life expectancy greater than 1 year. User fee revenues are also used to fund capital projects.

MWMC collects fees for wastewater to all users connected to the WPCF and provides service to approximately 75,000 equivalent dwelling units. Customers pay a combined fee that includes a base user rate charge and a flow-based fee each month calculated per 1,000 gallons for the City of Eugene and 748 gallons for the City of Springfield used and the customer category. Regional and local fees are combined into a single user charge for customers in the cities of Eugene and Springfield as shown in Tables 10-7 and 10-8.

Table 10-7. MWMC Regional User Charge System – City of Eugene (July 2025)

Item	Residential	Commercial - 400 mg/L BOD	Commercial - 800 mg/L BOD	Commercial – 1,200 mg/L BOD	Commercial – 1,600 mg/L BOD	Commercial - > 1,600 mg/L BOD
MWMC flow-based fee [a]	$3.34	$4.49	$6.54	$9.28	$12.03	$14.78
Total consumptive charges	$3.34	$4.49	$6.54	$9.28	$12.03	$14.78
MWMC base charge	$16.79	$16.79	$16.79	$16.79	$16.79	$16.79
Total	$20.13	$2.128	$23.33	$26.07	$28.82	$31.57
Average monthly charge	$33.50	$39.25	$49.51	$63.21	$76.96	$90.68

[a] Per 1,000 gallons.

BOD = biochemical oxygen demand; mg/L = milligram(s) per liter.

Table 10-8. MWMC Regional User Charge System – City of Springfield (July 2025)

	Residential	Commercial - 400 mg/L BOD	Commercial - 800 mg/L BOD	Commercial – 1,200 mg/L BOD	Commercial – 1,600 mg/L BOD	Commercial - > 1,600 mg/L BOD
MWMC flow-based fee [a]	$2.50	$3.36	$4.89	$6.95	$9.00	$11.05
Total consumptive charges	$2.50	$3.36	$4.89	$6.95	$9.00	$11.05
MWMC base charge	$16.79	$16.79	$16.79	$16.79	$16.79	$16.79
Total	$19.29	$20.15	$21.68	$23.74	$25.79	$27.84
Average monthly charge	$33.49	$39.23	$49.46	$63.22	$76.91	$90.60

[a] Per 748 gallons.

MWMC regularly evaluates regional rates to ensure they are sufficient to maintain the revenues needed to address repair, replacement, and rehabilitation needs of the community's wastewater treatment system, as well as maintain a favorable credit rating. Incremental increases in user charges are made annually to track inflation and avoid any large rate spikes. Recent rate increases in regional wastewater user charges are as follows:

- FY 20-21 increase of 0%
- FY 21-22 increase of 3.5%
- FY 22-23 increase of 3.5%
- FY 23-24 increase of 4.5%
- FY 24-25 increase of 5.5%
- FY 25-26 increase of 5%

Based on the previous incremental increases in regional user charges, Tables 10-9 and 10-10 provide an estimate of regional user rate escalation and amounts of user charges collected over the next 5 years. User fee revenues are projected at $40 million for FY 25.

Table 10-9. Inflationary Rate Escalation Estimates (5-Year)

Item	2025	2026	2027	2028	2029	2030
Eugene average total monthly residential charge/customer *	$50.30	$51.46	$52.64	$53.85	$55.09	$56.36
Springfield average total monthly residential charge/customer *	$61.35	$62.76	$64.20	$65.68	$67.19	$68.73

* Consumer Price Index rate of inflation for 2025 = 2.3%. Typical usage is 5,000 gallons/month. Calculation based on static number of customers since population trends from 2020–2024 saw a 0.2% reduction in population according to U.S. Census Bureau data.

Table 10-10. Estimated Regional User Charge Revenues, 2025–2030

Item	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Estimated annual rate revenue (residential) *	$89,106,941	$91,156,400	$93,252,998	$95,397,817	$97,591,966	$99,836,582

* City of Eugene residential customers (MWMC data June 30, 2025) = 55,977. City of Springfield residential customers (MWMC data June 30, 2025) = 75,145.

System Development Charges

Consistent with ORS 223.297–223.316, MWMC uses SDCs to offset costs of capital projects associated with new development. MWMC's SDC methodology uses reimbursement fees and improvement fees and follows restrictions on allowable expenditures from revenues derived from each type of fee. Consistent with state law (ORS 223.316), MWMC maintains an SDC Fee Schedule publicly available on its website that assigns fees based on cost per flow estimation unit for type of development derived from the *Springfield Traffic/Wastewater Code and Eugene Wastewater Use Code*. The SDC Fee Schedule was last updated in July 2024. An MWMC SDC methodology update is expected to be complete in 2026 as is currently in development.

MWMC has evaluated recommended PFP projects and estimated the percentage of each capital cost that is SDC eligible. Each project that was determined to be SDC eligible was linked to key system capacity parameters such as peak flow or total suspended solids. The capacity parameters are used to allocate the project costs between existing customers and future growth based on who benefits from the investment. A summary of this analysis is shown in Table 10-11.

Table 10-11. 20-Year Allocation of SDC Costs

Project Name	Estimated Capital Cost	SDC Eligible	Design Criteria	Dry weather Average Annual Growth Share	SDC Cost
Glenwood Pump Station Upgrade	$2,600,000	Yes	Glenwood Pump Station Flow*	32.8%	$852,800
Owosso Bridge Seismic Upgrades	$6,500,000	No	NA	0.0%	$0
East Bank Interceptor, Phase 1 - Condition Assessment and Investigation	$1,750,000	No	NA	0.0%	$0
East Bank Interceptor, Phase 2 - Repair and Rehabilitation	$6,590,000	No	NA	0.0%	$0
Force Main Condition Assessment and Evaluation	$4,190,000	No	NA	0.0%	$0
Conveyance Subtotal	**$21,630,000**			**Conveyance SDC Subtotal**	**$852,800**
Aeration System Upgrades (2023 to 2026)	$40,000,000	No	NA	0.0%	$0
Repair Clarifiers and Final Treatment	$38,740,000	No	NA	0.0%	$0
Water Quality Trading Program	$13,000,000	Yes	Flow	12.9%	$1,672,794
Pretreatment Screw Pump MCC Relocation	$600,000	No	NA	0.0%	$0
Emergency Generator Plug Installation	$230,000	Yes	Flow	12.9%	$29,596
Aeration Basins, Secondary Clarifiers, Outfall Control Structure Repairs	$4,870,000	No	NA	0.0%	$0
Sodium Hypochlorite Storage Tank Replacement with Onsite Generation Study	$2,610,000	No	NA	0.0%	$0
W2 Pump Station (BMF Additional Pump)	$1,790,000	Yes	Flow	12.9%	$230,331
Secondary Effluent Conduit and T-Channel Dive Inspection, Evaluation, and Repair	$1,260,000	No	NA	0.0%	$0
Pretreatment Facilities and Pre-aeration Chamber Repair and Pipe Upgrade	$5,590,000	No	NA	0.0%	$0

Table 10-11. 20-Year Allocation of SDC Costs

Project Name	Estimated Capital Cost	SDC Eligible	Design Criteria	Dry weather Average Annual Growth Share	SDC Cost
Liquids Process Subtotal	**$108,690,000**			**Liquids Process SDC Subtotal**	**$1,932,721**
Biosolids Improvement Study	$90,900,000	Yes	TSS	10.8%	$9,846,491
WPCF Boiler Upgrades	$2,550,000	Yes	TSS	10.8%	$276,222
Thickening Improvements Study and Process Improvement Implementation	$7,280,000	Yes	TSS	10.8%	$788,586
Mobile Waste Hauler/Septage Receiving Station, Phase 1 - Evaluation and Study	$200,000	No	NA	0.0%	$0
FOG Receiving Station, Phase 1 - Evaluation and Study	$400,000	No	NA	0.0%	$0
Mobile Waste Hauler/Septage Receiving Station, Phase 2 - Design and Construction	$8,760,000	No	NA	0.0%	$0
FOG Receiving Station, Phase 2 - Design and Construction	$9,940,000	No	NA	0.0%	$0
Solids Management Subtotal	**$120,030,000**			**Solids Management SDC Subtotal**	**$10,911,298**
WPCF Stormwater Infrastructure	$600,000	Yes	Flow	12.9%	$77,206
Admin Building Improvements	$28,000,000	No	NA	0.0%	$0
Electrical Switchgear and Transformer Replacement	$17,000,000	No	NA	0.0%	$0
Resiliency Follow-up	$44,430,000	Yes	Flow	12.9%	$5,717,096
Comprehensive Facilities Plan Update	$3,550,000	Yes	Flow	12.9%	$456,801
Facility Plan Engineering Services	$1,280,000	Yes	Flow	12.9%	$164,706
WPCF Storage Improvements	$5,730,000	No	NA	0.0%	$0
BMF Equipment Dry Storage Expansion	$3,940,000	No	NA	0.0%	$0
Asphalt Repair (WPCF, BMF, and MWMC Owned Pump Stations)	$5,340,000	No	NA	0.0%	$0
Cell Tower Condition Assessment	$90,000	No	NA	0.0%	$0
Control System Improvement, Phase 1 - Study and Evaluation	$200,000	No	NA	0.0%	$0
Control System Improvement, Phase 2 - Design and Construction	$8,740,000	No	NA	0.0%	$0
Consultant On-Call Engineering Support (Facilities Plan and NPDES Updates)	$6,150,000	Yes	Flow	12.9%	$791,360
Support Facilities Subtotal	**$125,050,000**			**Support Facilities SDC Subtotal**	**$7,207,169**
Comprehensive Facilities Plan 20-year Capital Project Total	**$375,400,000**			**Comprehensive Facilities Plan 20-year SDC Total**	**$20,903,988**

NA = not applicable.

Operating Expenses

Operating revenues continue to exceed operating expenses, and this trend is expected to continue with operating expenditures for FY 25-26 projected at $28.4 million. The operating reserve is budgeted at $5,302,501, which

includes approximately 2 months of total Personnel Services, Materials and Services, and Capital Outlay in accordance with MWMC policy. The operating revenues for FY 24 were $40.8 million. This is 5.6 percent more than the FY 23 operating revenue of $38.6 million. FY 23 increased from FY 22 with a change to operating revenues of $1.9 million.

MWMC Debt Administration

At the end of FY 24, MWMC had a total bonded debt outstanding of $8,250,000 plus unamortized premium of $1,170,429 Series 2016 revenue bonds with $55,000 in accrued interest due. The bonds are secured by sewer revenues and mature in FY 27. Notes payable are in the form of one CWSRF loan, which was obtained as additional funding to implement the CIP at more advantageous interest rates than the revenue bond market could offer. The CWSRF loan had a balance of $600,000 at the end of FY 24 with $12,250 in accrued interest. The loan matures in 2030 but is expected to be paid off in FY 29. Payments are due annually to the DEQ. MWMC has no other outstanding debt.

MWMC Capital Financing Plan Capability

MWMC maintains good overall financial management, strong liquidity levels to support a pay-as-you-go approach to funding ongoing repair and replacement projects, and overall good operational management with sufficient technical, managerial, and financial capability and capacity.

The funding strategy for the implementation of the projects identified in the MWMC PFP 20-Year Project List will require the supplementation of cash on hand with funding resources that include grants, low-interest debt instruments like CWSRF, Business Oregon Loan Program, and WIFIA, as well as revenue bonds.

MWMC is in a good position to qualify for and successfully manage the debt service required to fill any gaps in funding that may exist between project design and construction costs and available revenues. The debt service ratio in this Process Facility Plan is calculated as 1.24; however, current MWMC debt service ratio is 2.49 as of July 2025. With a strong enterprise risk profile, a stable and primarily residential customer base, and a strong AA bond rating, MWMC is well positioned to implement this financing plan to efficiently and affordably fulfill the planning, design, and construction needs to keep its regional wastewater treatment facilities operating optimally.

The MWMC will work with its consultants and stakeholders to determine the most appropriate financing mechanisms for a given project in light of the project timeline, purpose, and goals, and in the broader context of MWMC's overall financial policies and health.