



MWMC:

*Eugene-Springfield's Resource
for Clean Water & Sustainable
Management Practices*

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Introduction



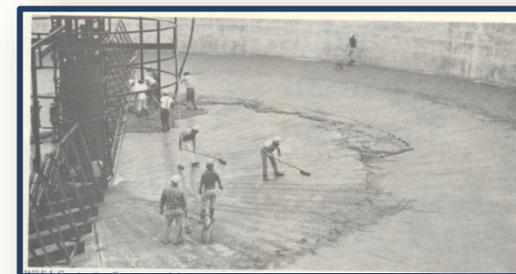
- Regional WW Treatment for 30 years!
- MWMC's Capital Improvement Program Update
- Looking forward



MWMC: A Brief History



- 1972: Clean Water Act passes
- 1977: City of Eugene, City of Springfield & Lane County form MWMC
- 1979: Groundbreaking for Regional Wastewater Treatment Plant
- **1984: Wastewater Treatment Plant online**
- 1989: Biosolids Management Facility begins operation
- 2004: Commission adopts the “Facilities Plan”



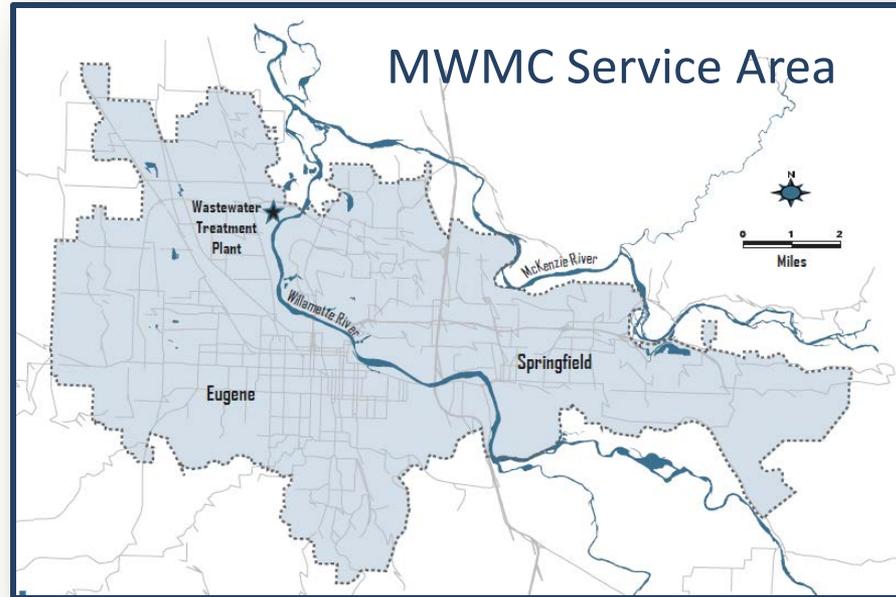
MWMC: Built on Partnerships



The Commission



3 elected officials
4 citizen representatives



City of Springfield: *Administration*
City of Eugene: *Operations*
Lane County



MWMC: Key Outcomes



Key Outcomes

Achieve and maintain

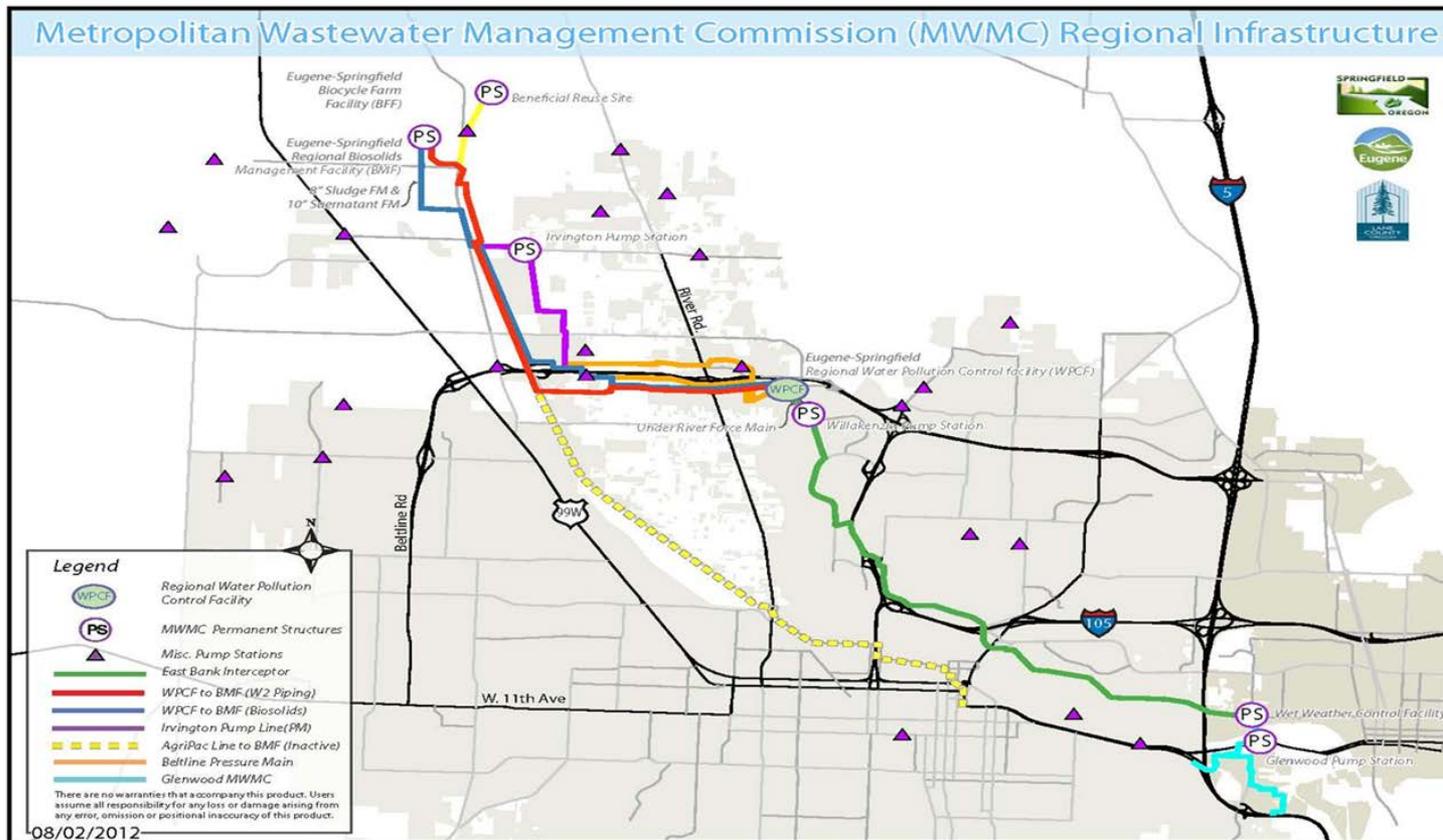
- *High environmental standards*
- *Fiscal management that is effective and efficient*
- *A successful intergovernmental partnership*
- *Maximum reliability and useful life of regional assets and infrastructure*
- *Public awareness and understanding of MWMC, the regional wastewater system, and MWMC's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



MWMC: Regional Assets



Pump Stations, Pipes and Structures

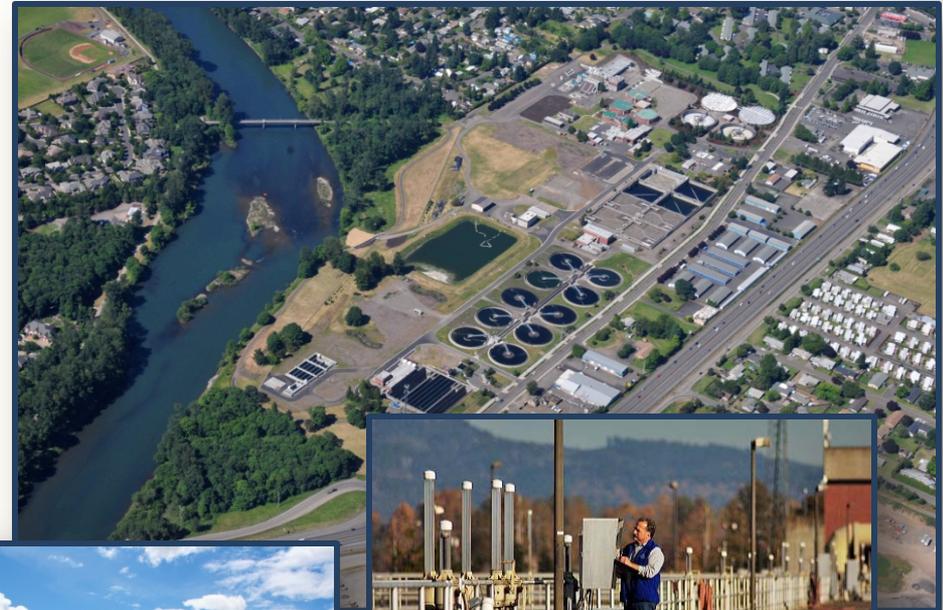


MWMC: Regional Facilities



Wastewater Treatment Plant

- Plant operates 24/7, 365 days a year
- Capacity to handle 277 million gallons/day



Average of 30 million gallons/day



MWMC: Regional Facilities



Biosolids Management Facility

- Store & further stabilize biosolids
- Land apply biosolids to agricultural land & Biocycle Farm

4,600 dry tons produced annually



MWMC: Regional Facilities



Biocycle Farm

- 600 acres of agricultural land – 400 planted with poplar trees
- Beneficial use of biosolids & recycled water

Nearly 88,000 trees



MWMC: Operations



ISO 14001 Certified

- Environmental Management System – EMS
- Continual improvement of environmental performance



NACWA Platinum Award for Performance



MWMC: Funding



- Supports Capital and Operating Activities
- Monthly User Fee, billed by EWEB and SUB
- 2014: \$33.11 to \$34.20 for 5k gal used Eugene customers
- Winter Average





Better Lives and Growing Community



Regional Treatment

- Domestic Users
- Industrial Users

Allows for

- Health and Well Being
- Economic Growth
- Protection of the local environment



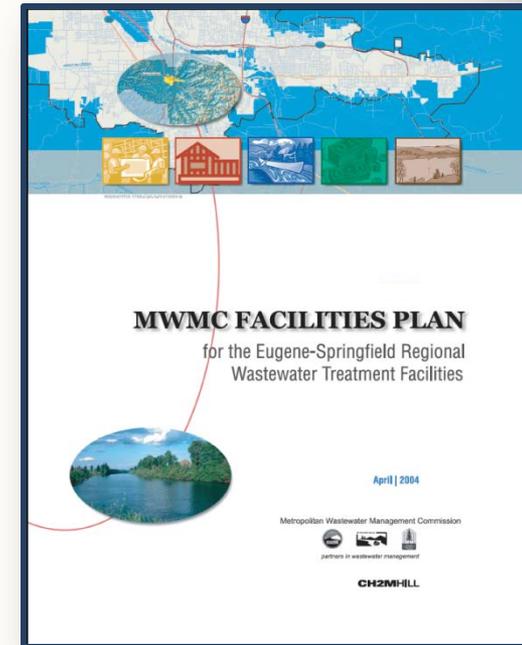


MWMC: Capital Improvement Program



2004-Facilities Plan

- Phased “build-as-needed” approach
- \$195 million (2006 dollars)
- Issuance of bonds ~ \$115 million



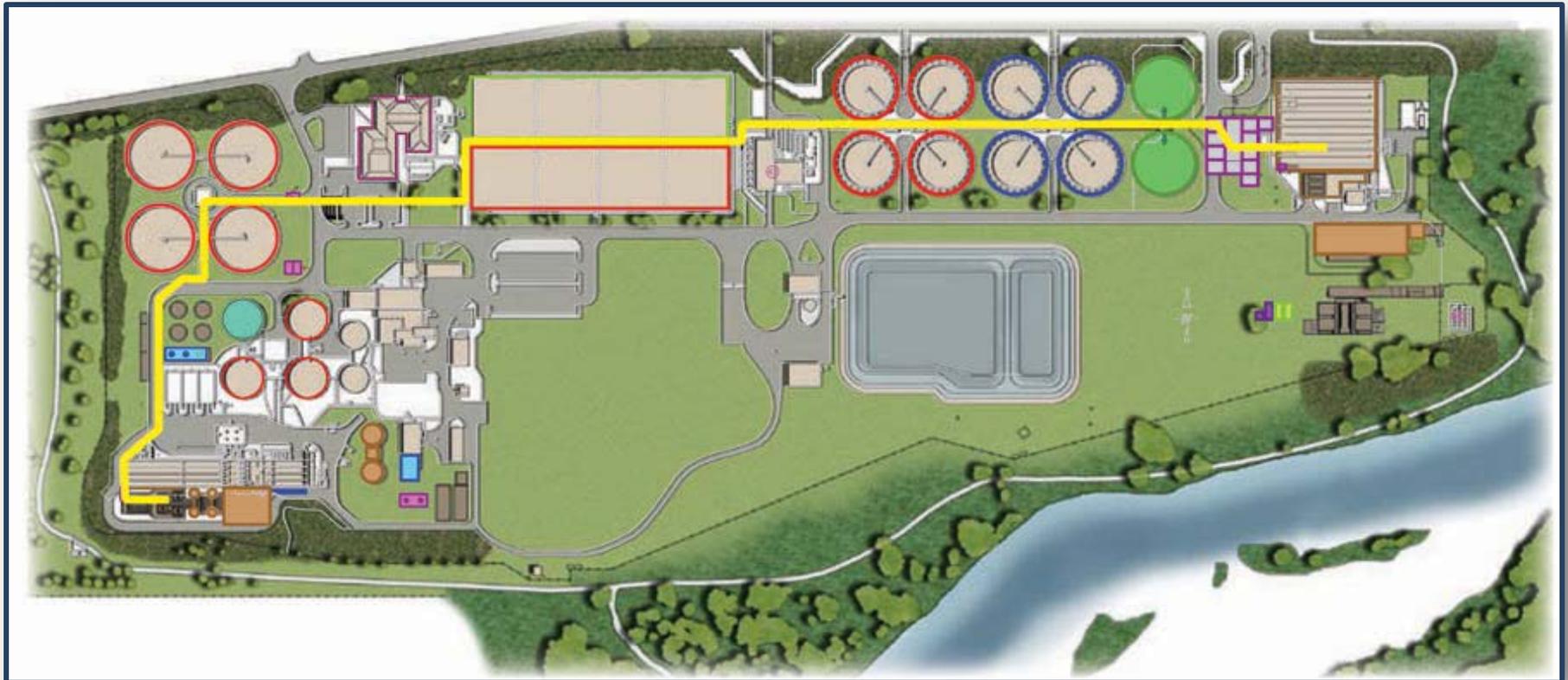
“ a roadmap of cost-effective solutions for a full range of regional wastewater needs through the year 2025”



MWMC: Capital Improvement Program



Projects from Pretreat to Final and beyond!





MWMC: Capital Improvement Program



Capital Improvement Projects



Headworks Expansion



Peak Flow Management





MWMC: Capital Improvement Program



Capital Improvement Projects



Aeration Basins



Lagoon Relining





MWMC: Capital Improvement Program



Capital Improvement Projects



Odor Control





MWMC: Capital Improvement Program



Capital Improvement Projects



Sodium Hypochlorite
Conversion



Tertiary Filtration



MWMC: Poplar Harvest



Biocycle Farm

- 52 acre trial harvest
- Remaining harvest to occur in 2014/2015
- Harvest included 100% of tree
- Materials processed, chipped and stockpiled on-site
- Chips to western Oregon & Washington markets
- Residuals to local fiber and charcoal production facilities



MWMC: Public Outreach Program



Facility Tours

- Over 700 individuals annually

Clean Water University

- Education program for 5th grade students
- 10, 1-hour sessions & field trip to wastewater treatment facility



MWMC: Resource Recovery



Resource Recovery

- Recycled Water
- Energy
- Fertilizer
- Poplar



MWMC: Looking Forward



- Permit renewal
- Temperature Standard
 - In place to protect endangered salmon
 - Thermal Load Challenges
- Toxic Pollutants
 - Increased emphasis on pre-treatment programs
- Facilities Plan Update
 - Investment in thermal load mitigation



MWMC: Additional Information



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City of Eugene | City of Springfield | Lane County

Metropolitan Wastewater Management Commission

Protecting public health and safety and the environment. All day, every day.

Home | About the MWMC | Facilities | Meetings | Public Information | Capital Improvement Program

Quick Links

- Your Commission
- Next Meeting
- For Contractors
- For Consultants
- Projects
- Biocycle Farm
- Contact Us
- Recycled Water

Eugene-Springfield's resource for clean water & sustainable management practices.

The Metropolitan Wastewater Management Commission (MWMC) protects your health and safety and our local environment by providing high quality management of wastewater conveyance and treatment to the Eugene-Springfield community—**24 hours a day, seven days a week, 365 days a year.**

Our work is driven by our commitments to:

- High Environmental Standards
- Fiscal Management that is effective and efficient
- A successful intergovernmental partnership
- Maximum reliability and useful life of regional assets and infrastructure
- Public awareness and understanding of MWMC, the regional wastewater system, and its objective for maintaining water quality and a sustainable environment.

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partners in wastewater management





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