

ROCHESTER PUBLIC WORKS

Neighborhood Information Meeting

Water Reclamation Plant Liquid and Solids Upgrade Project No. J4411

August 15, 2023




Outline

- Introductions
- WRP Summary
- Project History
- Project Overview
- Application Process
- Schedule
- Traffic and Landscape
- Site Plans
- 3D Model of Areas
- Aerial Views
- Q&A




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WRP Summary

- All of Rochester (Chester and Trailer Park North of Town)
- 6 major upgrades since 1926
- Treat 12 million gallons per day
- Land apply 11 million gallons of biosolids per year
- Operated 24/7 by 30 employees
- \$620,000,000 Facility
- Generate electricity/heat onsite




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Project History




- MPCA Negotiations Started 2015
- Facilities Plan Started 2016
- Facilities Plan Approval in 2019
- Project Funding Began in 2020
 - City Capital Improvement Project Approved
 - Placed on MPCA Project Priority List (PPL)
- MPCA Permit 2021
- Administration Building completed 2022
- Design with Brown and Caldwell in 2022
- Design Complete – Bid in October 2023

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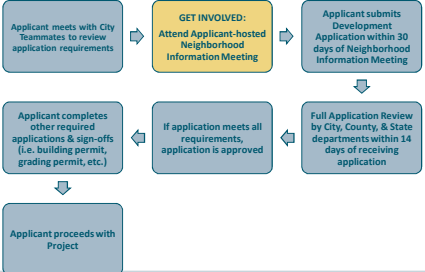
Project Overview

- Replaces equipment 43 years old at end of life
- Meets more stringent regulatory Total Phosphorus limits
- Design reduces energy and chemical demand
- Need to phase work while maintaining treatment
- Treatment design and planning allows for additions to meet future potential limits (Total Nitrogen)



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The Application Process



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      A[Applicant meets with City Teammates to review application requirements] --> B[GET INVOLVED: Attend Applicant-hosted Neighborhood Information Meeting]
      B --> C[Applicant submits Development Application within 30 days of Neighborhood Information Meeting]
      C --> D[Full Application Review by City, County, & State departments within 34 days of receiving application]
      D --> E[If application meets all requirements, application is approved]
      E --> F[Applicant completes other required applications & sign-offs (i.e. building permit, grading permit, etc.)]
      F --> G[Applicant proceeds with Project]
    
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Upcoming Schedule

Work Prior to Construction

- July 2023 – Community Development Review (Rochester Code Review)
- October 2023 – Request for construction bid
- November 2023 – Award construction bid
- December 2023 thru February 2024 – Critical Submittal Review

Onsite Construction:

- February 2024 – Contractor Mobilization
- September 2024 – Cryogenic Plant Offline
- April 2025 – New Disinfection Online
- November 2025 – Substantial Completion
- January 2026 – Final Completion

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Traffic Impact and Landscape Plans

- **Traffic**
 - Construction Traffic will use 41st street and West River Road Site Entrance
 - No road closures will be required
 - Post construction – no increase in traffic
- **Landscape**
 - There will be no affect to the landscaping along 37th street boulevard.
 - Site Plans on following slides show surface conditions

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