

Business Item 2019-324 SW:
Empire Wastewater Treatment Plant
Solids Phase I and Miscellaneous
Improvements

Heidi M. Hutter, Senior Engineer, Plant Engineering, Technical Services

Environment Committee: November 12, 2019



Background



Capacity Growth

1979 6 MGD

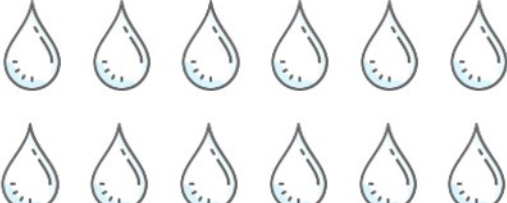


1992



9 MGD

1999 12 MGD



2005 24 MGD



2013 Solids Facility Plan Adopted



2005 - Solids Processing Capacity Expansion was Deferred

Council Approved Facility Plan Project Elements

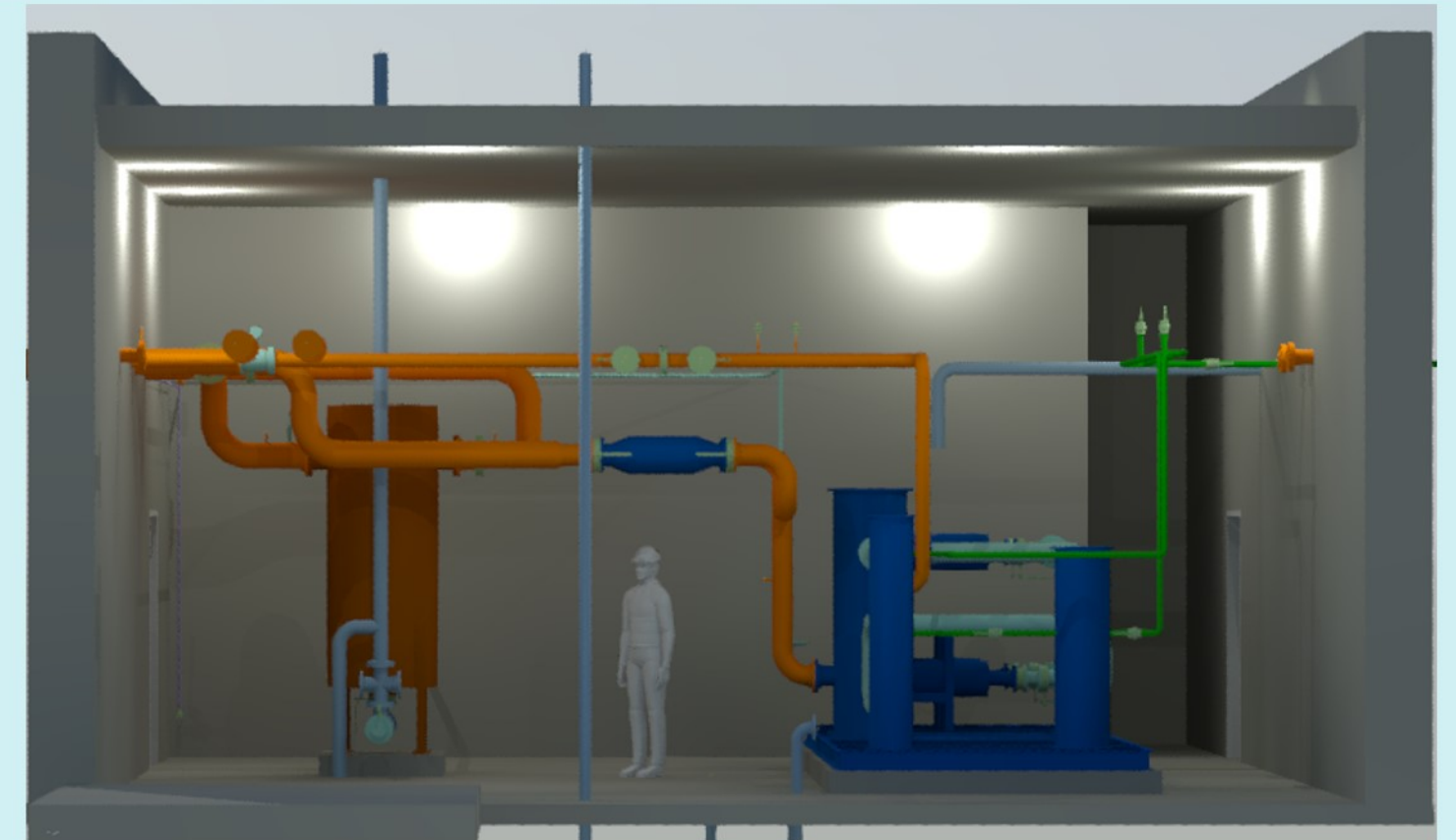
Biosolids Pad Improvements

- Increase Biosolids Storage Capacity
- Increase Stormwater Infiltration



Partial Biogas Treatment

- Energy Efficiency Improvements
- Future Renewable Energy Generation



Boiler System Renewal

- Asset Renewal through Capital Investment
- Energy Efficiency Improvements



Additional Plant Needs

Road Replacement

- Asset Renewal through Capital Investment



High Strength Waste Receiving

- Wastewater Sustainability and IPIP
- Future Energy Efficiency Improvements
- Future Renewable Energy Generation



Electrical Improvements

- Asset Renewal through Capital Investment
- Minimize Impacts by Reducing Risk to Maintenance Workers



Bid Summary

- Engineer's Estimate \$21,413,451
- Disadvantaged Business Enterprise (DBE) Goal 13%
- Three Bids Received on October 3, 2019
 - Rice Lake Construction Group \$23,745,060.00
 - Shank Constructors \$24,693,840.46
 - Corval Group \$28,528,321.04
- Office of Equal Opportunity (OEO) reviewed and passed the apparent low bidders good faith efforts to meet the DBE participation goal

Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract for the Empire Wastewater Treatment Plant Solids Phase I and Miscellaneous Improvements, MCES Project Numbers 807400, 807415, 807825, 807826, Contract No. 19P155, with Rice Lake Construction Group, for an amount not to exceed \$23,745,060.00.

Questions

Heidi M. Hutter

Senior Engineer, Plant Engineering

Technical Services

651-602-1026

Heidi.Hutter@metc.state.mn.us