

Department of Municipal Utilities

April 7, 2022

What We Do and Who We Serve

- Water Fund
- Sewer Fund
- Power Utility Fund

Water Fund:

- Water Filtration
- Water Maintenance
- Water Billing (50%)



Sewer Fund: Sewage Treatment, Sewer Maintenance, & 50% Water Billing



Power Utility Fund: Mill Street Hydro



North Division Street Hydro



Water Fund Operating Budgets

	FY22	Proposed FY23	Percent Change
Water Filtration			
Operating Budget	\$1,765,228	\$1,787,723	1.3%
FTEs	9.0	9.0	
Water Maintenance Dept			
Operating Budget	\$1,101,232	\$1,137,350	3.3%
FTEs	7	7	
Water Billing Dept			
Operating Budget	\$305,078	\$277,099	-9.2%
FTEs	2.5	2.0*	
Total Water Fund	\$3,171,538	\$3,202,172	1.0%

*Not a cut position, proper allocation of Plumbing Inspector Salary.

Changes in Services or Other Significant Changes

- Significant increase in chemicals and operating supplies, no changes in services proposed in the water fund budget for 2023.
- Fund is expected to operate at a loss this budget year.
 - 5 year rate set in 2016 is expired.
 - New Hybrid Rate model initiated, fund leveling expected in FY24

Sewer Fund Operating Budgets

	FY22	Proposed FY23	Percent Change
Sewage Treatment			
Operating Budget	\$3,205,045	\$3,222,623	0.5%
FTEs	15.5	15.5	
Sewer Maintenance Dept			
Operating Budget	\$1,054,413	\$1,089,546	3.3%
FTEs	7.5	8.0*	
Total Sewer Fund	\$4,259,458	\$4,312,169	1.2%

Changes in Services or Other Significant Changes

- Sludge Hauling expenses are the single largest
 - Budgeted Operating Cost - \$750,000.
 - \$0 - \$150,000 anticipated after biosolids project is completed
- No significant changes in service or change in costs in the sewer fund budget for 2023.
- No change to Sewer Rate proposed.

Power Utility Fund Operating Budgets

	FY22	Proposed FY23	Percent Change
Hydroelectric Facilities			
Operating Budget	\$129,895	\$136,657	5.2%
FTEs	.5	.5	
LFGE Facility			
Operating Budget	\$5,000	\$5,000	0%
FTEs	0	0	

Changes in Services or Other Significant Changes

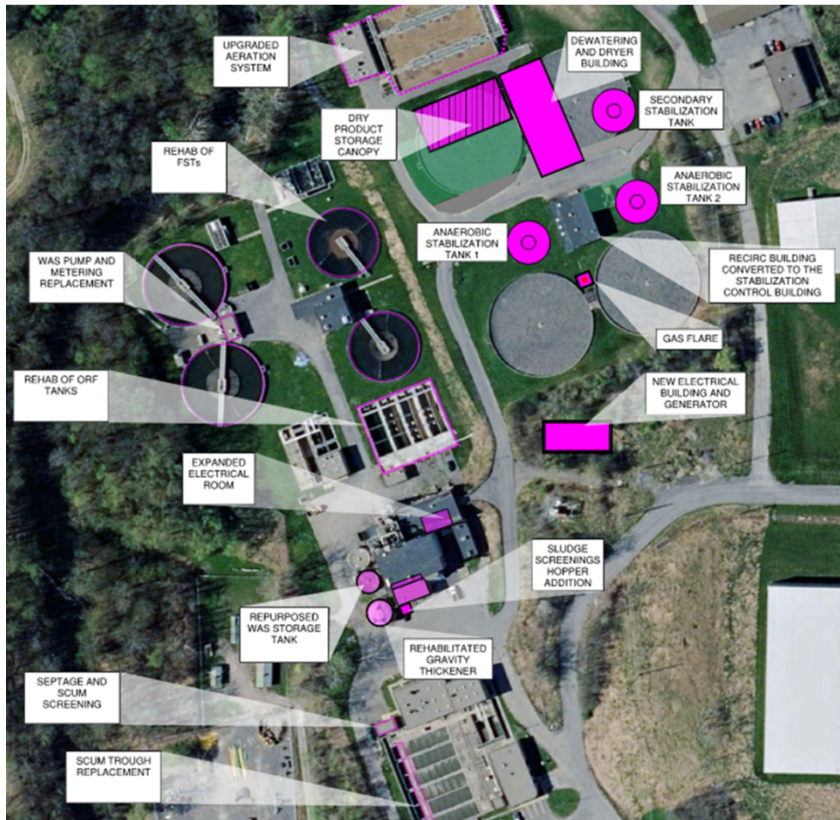
- Both Hydro Facilities were optimized using automation flow control sensors.
 - Best Production year so far experienced in FY22.
 - Major reason for an increase in operating budget is to complete a regulatory required FERC Part 12D Safety Inspection of Mill Street Dam.
- No major changes to operating budget in FY23

2021-22 Highlight Goals

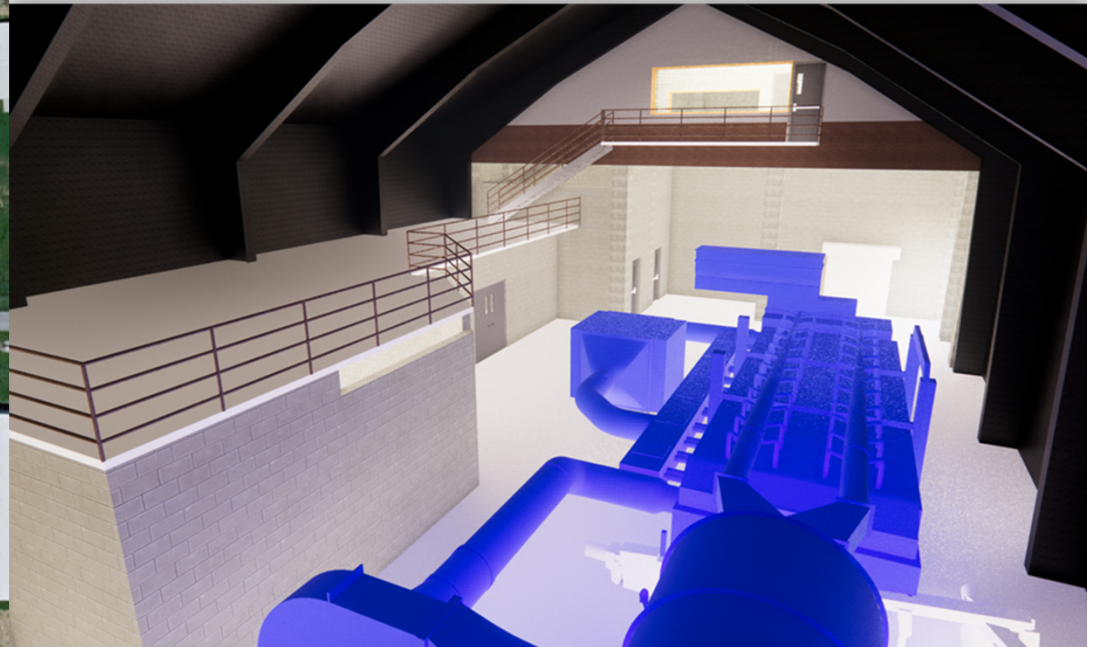
- Complete every special project identified in operating budget at or below budget for the fiscal year. ✓
- Operate Hydro Facilities at a profit to begin to repay General Fund/Decrease LFGEF Bond Obligation. ✓ ✗
- Be prepared for Harmful Algal Bloom Season and maintain 100% removal of Microcystin. ✓
- Complete 100% Design and secure grant funding required to bid and upgrade the Slow Sand Plant. ✓
- Begin to build out a DMU Asset inventory of all facilities to better manage maintenance and capital planning ✓ *Applied for a NYS Asset Management Grant*
- Complete 100% Design of the Biosolids and WWTP Improvements and begin construction. ✓ ✗ *Summer 2022*
- Close out the UV and Settled Sewage Capital Project ✓
- Finalize Sewer GIS Asset Inventory Project ✓
- Complete installation and deploy telemetry for wholesale sewer meters ✓
- Obtain 75% Design for the CSO Upgrades Project and seek grant funding for construction. ✓
- Continue to apply for funding opportunities and align forces with the County for Watershed Improvement Projects ✓
- Continue to plan for and remain nimble allowing for swift reaction to aging infrastructure failures ✓
- Continue to implement a hydrant painting program ✓
- Install Sewer Main on State Street and complete ~\$300,000 in I&I reduction projects City-wide ✓
- Implement VEPO Backflow Management Software ✓

Biosolids Upgrades Project

Overall Upgrades:

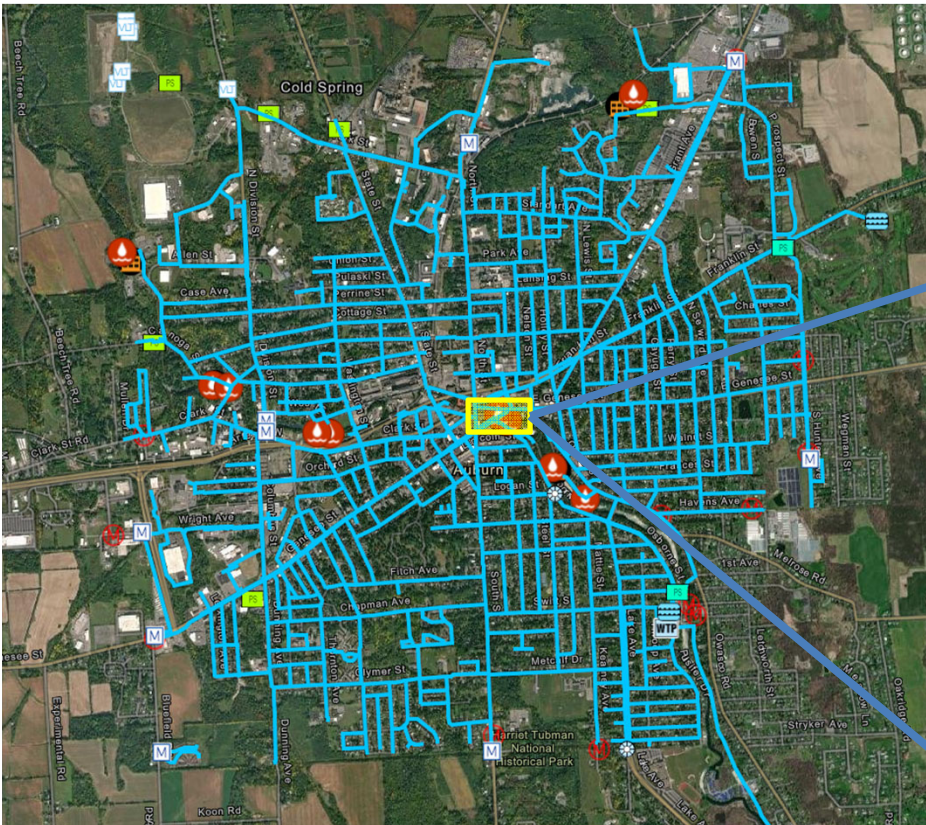


Biosolids Dryer Arrangement:

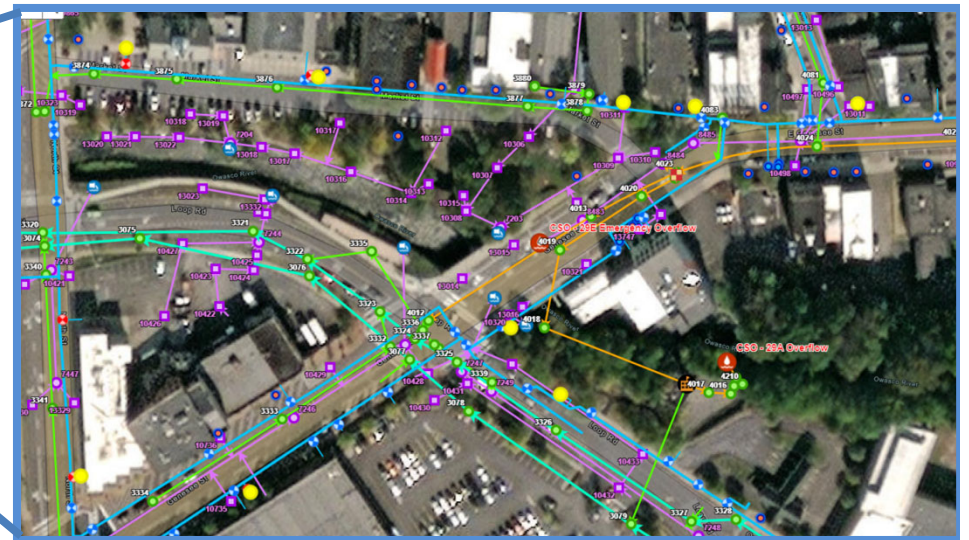


Utility GIS Mapping

Complete Utility Map:



Every Service Valve, Water Main Valve, Hydrant, Combined Sewer, Storm Sewer, Sanitary Sewer, Catch Basin, Manhole, Outfall, Meter Pit, and CSO Mapped.



2022-23 Highlight Goals

- Complete every special project identified in operating budget at or below budget for the fiscal year.
- Operate Hydro Facilities at a profit to begin to repay General Fund/Decrease LFGEF Bond Obligation.
- Be prepared for Harmful Algal Bloom Season and maintain 100% removal of Microcystin.
- Complete Construction upgrades to the Slow Sand Plant.
- Obtain grant and build out a DMU Asset inventory of all facilities to better manage maintenance and capital planning
- Begin Construction of the Biosolids and WWTP Improvements Project.
- Begin Sewer Manhole GIS Asset Inventory Project and Maintain Utility GIS Map
- Obtain 100% Design for the CSO Upgrades Project and seek grant funding for construction.
- Apply for and obtain Grant funding to complete a comprehensive Inflow and Infiltration (I&I) Study
- Continue to apply for funding opportunities and align forces with the County for Watershed Improvement Projects
- Continue to plan for and remain nimble allowing for swift reaction to aging infrastructure failures
- Continue to implement a hydrant painting program
- Install Storm Sewer and Sanitary Sewer Upgrades on Genesee Street (East Hill)
- Support Staff in obtaining 4A Operator Certification and reduce dependency on 3rd party WWTP operators