

# Department of Municipal Utilities

April 12, 2018

# What We Do and Who We Serve

- Water Fund
  - Water Filtration Plant
  - Water Maintenance Department
  - Water Billing Department (50%)
- Sewer Fund
  - Sewage Treatment Plant
  - Sewer Maintenance Department
  - Water Billing Department (50%)
- Power Utility Fund
  - Hydro Electric Facilities (Mill Street and North Division Street Hydro Facilities)
  - Landfill Gas to Energy Facility (Closed)
- Landfill Fund
  - Methane Gas Collection System – Switched to Mike Talbot in Landfill Fund

# Water Fund Operating Budgets

		2017-18		2018-19		Percent Change
<b>Water Filtration</b>						
Operating Budget		\$1,666,745		\$1,657,575		-0.06%
FTEs		9.0		9.5		
<b>Water Maintenance Dept</b>						
Operating Budget		\$1,001,094		\$1,005,297		0.42%
FTEs		5.5		6.5		
<b>Water Billing Dept</b>						
Operating Budget		\$262,068		\$293,566		10.9%
FTEs		3		3		
<b>Total Water Fund</b>						<b>0.9%</b>

# Changes in Services or Other Significant Changes

- Water Filtration Plant (-0.6% Increase)
  - Maintains \$150,000 contribution to Watershed Inspection Program
  - Adds 50% Salary for Technical Director of Municipal Utilities
  - Complements ongoing resources needed for Capital and Operation Upgrades
  - Provides funding to finish up the Pole Barn maintenance garage
  - Provides additional lab funding for UCM4 (unregulated contaminant monitoring rule) testing
- Water Maintenance Department (0.4% Increase)
  - Includes 1 laborer position to implement a full scale hydrant repainting program
  - Includes budget to complement the Lead Service Replacement Grant Program
  - Includes funding to pave the Logan Street Parking Lot
  - Includes funding to support the ongoing GIS/Implementation Project
- Water Billing Department – (10.9% Increase)
  - Includes \$25,000 for new online profiler. Anticipate start up costs will be covered by a 1 time user fee for set up.
  - No other notable substantive increase in operating expenses.

# Sewer Fund Operating Budgets

		2017-18		2018-19		Percent Change
<b>Sewage Treatment</b>						
Operating Budget		\$2,630,354		\$2,624,642		-0.2%
FTEs		13.5		15		
<b>Sewer Maintenance Dept</b>						
Operating Budget		\$986,585		\$1,007,658		2.1%
FTEs		7.5		7.5		
<b>Total Sewer Fund</b>						<b>0.4%</b>

# Changes in Services or Other Significant Changes

- Sewage Treatment Plant (Flat)
  - Includes full 1.5 FTE increase in staffing
  - Includes funding to match NYALERT CSO Grant
  - Includes funding to continue to remove failed concrete around the ORF
  - Bond Authorization to replace the UV System
  - Provides funding to restock parts inventory
  - Provides funding to spot repair and restore site paving
  - Provides funding to perform professional services required to list projects on the State CWSRF list, compliance with Air Permitting, and conduct a full electrical as-build audit.
- Sewer Maintenance Department (2.1% Increase)
  - Includes budget to self perform 2 major sewer replacement projects in 2018
  - Includes funding to purchase frames/grates/manhole covers to assist the annual road program
  - Includes funding to replace the Sewer TV Van
  - Bond Authorization and support to complete comprehensive GIS Survey/Mapping

# Power Utility & Landfill Fund

## Operating Budgets

		2017-18		2018-19		Percent Change
<b>Hydroelectric Facilities</b>						
Operating Budget		\$111,951		\$118,737		6.1%
FTEs		.5		.5		
<b>LFGE Facility</b>						
Operating Budget		\$5,000		\$5,000		0%
FTEs		0		0		
<b>Methane Gas Utilities</b>						
Operating Budget		\$99,045		\$31,000		Removed from DMU Budget
FTEs		1		0		FTE transferred to WWTP

# Changes in Services or Other Significant Changes

- Hydro Facilities (6.1% Increase): Net increase in operating budget is attributed to energy use at our new powerhouse, service and maintenance contracts with electrical and mechanical contractors, and funding necessary to possibly look to upgrade our trash rack at the North Division Street Site.
- LFGE Facility (0% Change): Budget will be 100% offset expenses offset by rental fee for storage to WWTP. No change from 2017/18 expected.
- Landfill Fund (Change in Departmental Oversight) – Due to the closure of the cogeneration facility, limited staff time and assistance is expected from the WWTP staff. Therefore, the 1 FTE has been removed from the budget line and is now moved back to the WWTP to support the ongoing maintenance requirements at the Plant.



# Items not Included in Final Budget

- 1 Ton Truck – Wastewater Treatment Plant
- Slipline Funding in Sanitary Sewer Maintenance operating budget
- Operating Budget to remove all ORF tank failed concrete, working to remove one section at a time in smaller increments over multiple operating budgets
- Funding to improve entire site at Logan Street Garage – incremental funding included to make improvements over multiple operating budgets
- PAC and Lab Analysis for Microcystin (Covered in Additional Grant Funding from NYS) Next year will be included.

# By the numbers for 2018-2019

Fund Type	Increase/Description	Total Budget	Total Change
Sewer Operating	Net increase of 0.4%	\$3,632,300	+ \$15,361
Water Operating	Net increase of 0.9%	\$2,956,438	+ \$26,531
PUF Operating	Net increase of 5.8%	\$123,737	+ \$6,786
<b>Total Operating</b>	<b>Net Increase (0.7%)</b>	<b>\$6,712,475</b>	
Sewer Capital	Includes: UV Disinfection, GIS Integration Project, Wholesale Meter Project, Sewer Collection Improvement Project, and CSO NY Alert Grant.	\$3,965,484	
Water Capital	Includes: Water Filtration and Pump Station Improvements, GIS Integration Project, Microcystin Treatment Project, North Street Water Main, SCADA Upgrades, Lagoon Rehabilitation, and Lead Service Line Replacement Grant	\$8,539,336	
PUF Capital	Hydro to Complete this year	\$6,650,000	
<b>Total Capital</b>		<b>\$19,154,820</b>	

# 2017-18 Highlight Goals

- Complete every special project, identified in operating budget at or below budget for the fiscal year. ✓
- Commission North Division Street Hydro by late summer 2017. ✓
- Implement treatment upgrade and be 100% prepared for harmful blue green algae bloom in 2017. ✓
- Close out \$3.4 million LPS and Water Filtration Plant Project ✓
- Operate Mill Street Hydro at or above operating and debt service cost. ✗
- Identify and prioritize WWTP major project needs in next 5-10 years ✓
- Begin to implement SCADA upgrades at Water Filtration Plant ✓
- Implement Water GIS Asset Inventory Project ✓
- Identify, Prioritize, and begin to replace wholesale sewer and water meters ✓
- Settle Wholesale Sewer Intermunicipal Agreement ✓
- Determine fair and equitable Wholesale Water Rate and settle new water Intermunicipal Agreements. ✗
- Abandon Sewer Pump Station on Allen Street ✓
- Continue to apply for funding opportunities as they come up ✓

# Lower Pump Station Site Paving Upgrade 2017

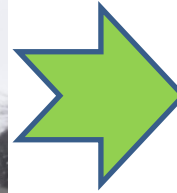




# Lower Pump Station Site Paving Upgrade 2017



# Water Filtration Plant – Pole Barn 2017 Upgrade



# 2018-19 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.
- Finalize PortaPAC System and treat 100% of HAB's related Microcystin.
- Completely Close out \$3.4 million LPS and Water Filtration Plant Project Capital Project
- Implement \$2.5 million North Street Water Main Replacement Project
- Complete SCADA Upgrades Project at WTP.
- Complete Lagoon Dredging and reinstate treatment facility.
- Complete Design and begin implementation of \$2.0 million UV system upgrades
- Finalize Water GIS Asset Inventory Project
- Begin implementation of Sewer GIS Asset Inventory Project.
- Begin to replace wholesale sewer and water meters
- Complete \$250,000 in slipline contracts to reduce I&I
- Continue to apply for funding opportunities and align forces with the County for Watershed Improvement Projects
- Finalize new Watershed Rules and Regulation in coordination with County and Town of Owasco
- Planning and Design of 4 – 6 water main replacement projects, and design for upgrades at the Water Filtration Plant & Upper Pump Station.
- Continue to plan for and remain nimble allowing for swift reaction to aging infrastructure failures
- Implement a hydrant painting program (4 year cycle)

Questions?