

# Municipal Utilities Department

April 16, 2015

# What We Do (Water)

- Treat  $\approx$  4MGD gallons per day of drinking water to ensure a safe water supply
- Monitor & maintain operations of the Water Filtration Plant
- Take & analyze daily process control & regulatory samples at the WFP
- Remain in compliance with Federal, State, and Local laws (reports)
- Maintain 2 water pump stations
- Maintain 2 reservoirs
- Monitor lake conditions
- Read  $\approx$  3000 meters/month plus any final reads
- Repair meters, unfreeze meters, test meters, shut off water, respond to low pressure and leak calls, locate waterstops
- Coordinate with plumbers and contractors
- Coordinate with towns
- Manage the backflow prevention program
- Install  $\approx$  700 meters/year
- Process  $\approx$  3000 bills per month
- Collect revenues
- Notify customers of “high consumption” and respond
- Handle multiple calls per day from customers and regulators
- Repair/replace, clean and manage  $\approx$  109 miles of transmission lines
- Repair/replace fire hydrants, valves, curb stops, and settled excavations
- Respond to residents needs, turn water off and thaw services
- Perform UFPO markings

# What We Do (Sewer)

- Treat  $\approx$  8MGD of wastewater
- Monitor & maintain operations of a 12 MGD 4A wastewater treatment plant (Activated sludge, with UV disinfection)
- Remain in compliance with Federal, State, and Local laws (reports)
- Monitor & maintain 4 Combined Sewer Overflows and 1 Storage & Release Facility throughout the City
- Treat  $\approx$  526,000 gallons per month of wastewater/sludge from outside haulers
- Bill and collect revenue from outside haulers (>\$400,000 last FY)
- Process 620 tons per month of biosolids
- Load out  $\approx$  30 tons per day of biosolids
- Transport  $\approx$  70 tons per week of biosolids to the City LF
- Remain in Compliance with Federal, State, & Local Laws
- Take daily process control & regulatory samples
- Manage the Industrial Pretreatment Program for the EPA (issue discharge permits, inspect industries, issue violation notices, levy fines, etc...)
- Manage dental facilities and inspect facilities
- Submit all regulatory reports
- Repair/replace, clean/unplug, televise and manage  $\approx$  109 miles of sewer/stormwater lines
- Repair/replace, clean and manage catch basins and manholes
- Respond to sewer customer complaints (back-ups, flooding, etc...)
- Maintain 3 pump stations
- Coordinate with plumbers and contractors
- Coordinate with towns
- Perform UFPO markings

# What We Do (PUF)

- Manage the NG well field consisting of  $\approx$  65 wells (37 LF2, 28 LF1) and 4 horizontal collection lines for maximum gas flow to the generating facility
- Monitor and maintain operations of a LF gas skid and a LF gas flare
- Monitor the generating facility and respond to outages
- Remain in compliance with all Federal and State laws
- Monitor & maintain 3 dams
- Monitor and maintain operations of 1 active (Mill St.) and 1 inactive (N. Div.) hydro-electric facility
- Control the lake level
- Handle and respond to calls from the public and regulators

# Who We Serve

- All City residents
- Many Town residents (Aurelius, Fleming, Owasco, Sennett, Throop, Brutus, Springport, Mentz & Montezuma)
- All industries & commercial businesses within the City and some outside the City
- All City departments
- City Council
- USEPA, NYSDEC, NYSDOH, CCDOH, FERC, USGS, NYSDOT
- Septage haulers
- NYSEG
- Lake residents & those who use the lake
- The environment

# What Revenues We Generate

- Water sales & service  $\approx$  \$4,419,000 (estimated 2015/2016)
- Sewer & septage charges and service  $\approx$  \$7,492,000 (estimated 2015/2016)  $\approx$
- Electricity sales  $\approx$  \$1,315,500 (estimated 2015/2016)
- Methane gas sales  $\approx$  \$200,000 (estimated 2015/2016)

# Operating Budgets

		2014-15		2015-16		Percent Change
Utility Billing Department						
Operating Budget		\$217,946		\$242,405		+11.22%
FTEs		3.0		3.0		0.00
Water Filtration						
Operating Budget		\$1,405,602		\$1,534,053		+9.14%
FTEs*		7.0		7.5		+7.14%
Transmission & Distribution						
Operating Budget		\$819,602		\$865,518		+5.60%
FTEs		5.5		5.5		0.00%

# Operating Budgets

		2014-15		2015-16		Percent Change
Sewage Treatment						
Operating Budget		\$2,466,972		\$2,541,194		+3.01%
FTEs		5.5		5.5		0.00
Sewer Maintenance						
Operating Budget		\$917,374		\$928,415		+1.20%
FTEs		7.5		7.5		0.00%

# Operating Budgets

		2014-15		2015-16		Percent Change
Methane Gas Utilities						
Operating Budget		\$148,153		\$130,605		-11.84%
FTEs		1.0		1.0		0.00
Hydro-Electric Services						
Operating Budget		\$69,500		\$67,549		-2.81%
FTEs		1.0		1.0		0.00
Electric Generation Facility						
Operating Budget		\$712,000		\$833,340		+17.04%
FTEs*		0		0		0.00

# Changes in Services or Other Significant Changes

- Utility Billing Department: New system for reading meters
  - 2 employees still in the step schedule
  - Support for new software/flexnet
  - Cell service fees
  - Vehicle assignment
- Water Filtration Department:
  - Combined account F8320, Source of Supply (\$221,00 budget 2014/15), with this account
  - Increase of a 0.5 FTE Maintenance Mechanic
  - Increase in watershed inspection fee (\$0.045/100cf to \$0.063/100cf)
  - Increase of \$60,000 to allow for slow sand filter repiping and replacement of VFD's
- Transmission & Distribution
  - 1 employees still in the step schedule
  - 38 new hydrants needed at \$2500/ea
  - Crew Chief truck ≈ \$30,000
  - Purchase of 7 - 12" valves at \$2500/ea = \$17,500

# Changes in Services or Other Significant Changes

- Sewage Treatment Department:
  - Electricity supply to come from NYSEG
  - 4 employees are still in the step schedule
- Sewer Maintenance:
  - Purchase of lateral camera saved \$5000
  - 2.5 FTE employees still in step schedule
- Methane Gas Utilities: None
- Electric Generation Department:
  - Selling all generation to NE Market
  - Service Contract reduced by \$24,000
- Hydro-Electric Services Department:
  - Increase of 0.5 FTE Maintenance Mechanic
  - Decrease in operating budget due to new equipment