



Montague Water Pollution Control Facility Planning for the Future



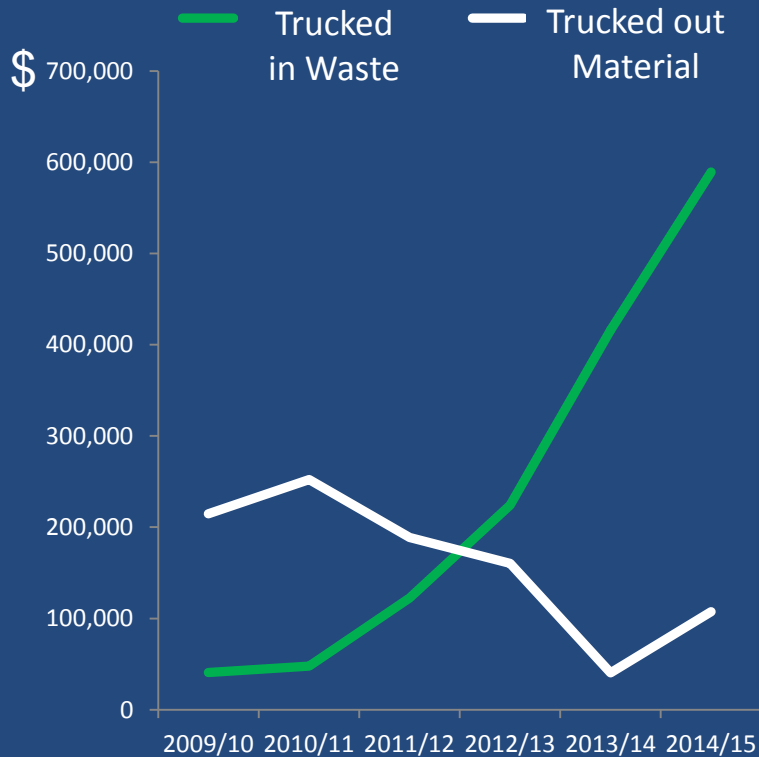
Robert J. Trombley, Superintendent



Changes in Day-to-Day Operations are Providing Huge Financial Savings

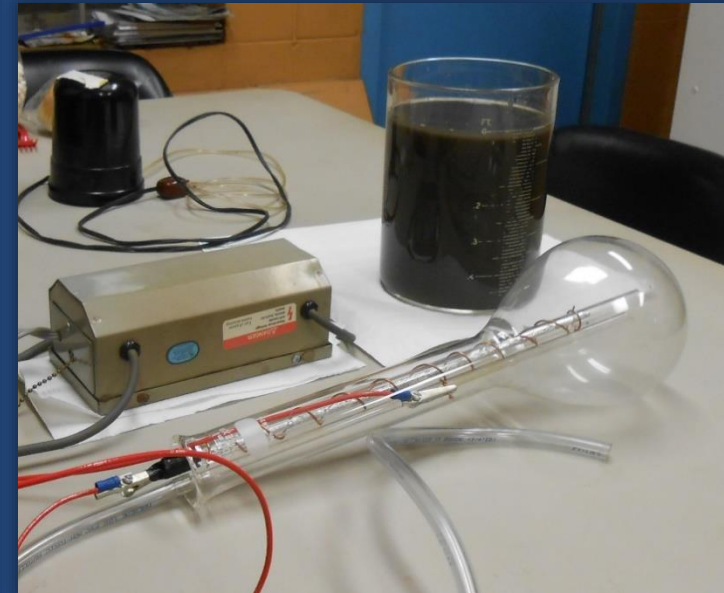
FY 2015 compared to FY 2010: \$700,000+ annual benefit due to new process

**Trucking Revenues & Expenses
FY2010 to FY2015**









1/24/2015 ADMIN

PLANT INFLUENT/SECONDARY EFFLUENT FLOW

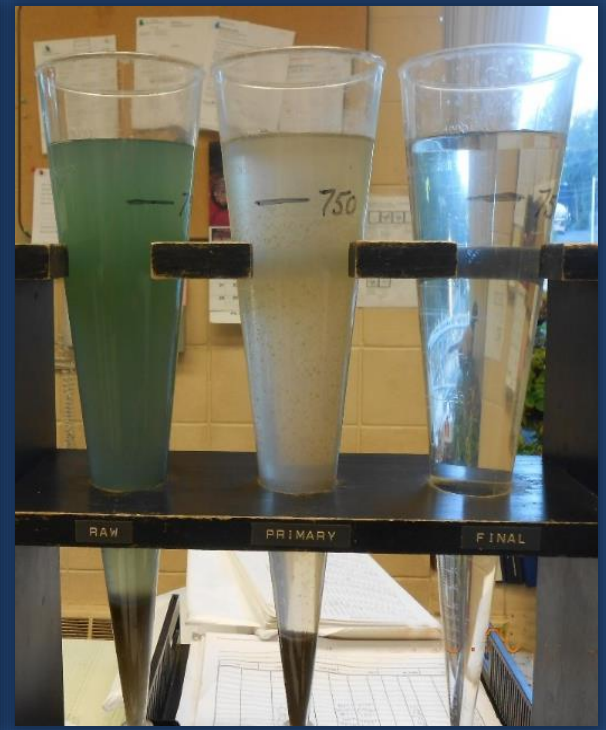
PLANT INFLUENT FLOW		PLANT EFFLUENT FLOW	
4.2952	DAILY FLOW (mgd)	1.5872	DAILY FLOW (mgd)
<input type="radio"/>	HIGH HIGH FLOW ALARM > 7 mgd	<input type="radio"/>	HIGH FLOW ALARM > 4 mgd
<input type="radio"/>	TRANSMITTER ALARM	<input type="radio"/>	TRANSMITTER ALARM
2.1198	PREVIOUS DAILY FLOW TOTAL (MGD)	0.5915	PREVIOUS DAILY FLOW TOTAL (MGD)
		2.5840	INFLUENT - EFFLUENT MISMATCH

WET WEATHER CHLORINE CONTACT TANK
INLET GATE

0 GATE OPEN DELAY (MINS)	1 GATE CLOSE DELAY (MINS)	SECONDARY TREATMENT PLANT FLOW SETPOINT (mgd)	
<input type="radio"/> GATE OPEN	<input type="radio"/> GATE CLOSED	8.0 <small>Default = 4.0 mgd</small>	
<input type="radio"/> LOR SWITCH IN REMOTE		<input type="radio"/> WET WEATHER EVENT (> SET POINT)	
<input type="radio"/> COMMON ALARM		0.000 (MINS)	
		TIME SINCE WW EVENT SETPOINT EXCEEDED	

FLOW TREND

FLOW
WVCT
CHLORINE
SLUDGE



Planning for the Future:

Keeping sewer rates as low as possible by

Maximizing trucked-in revenues

New Staffing Arrangement

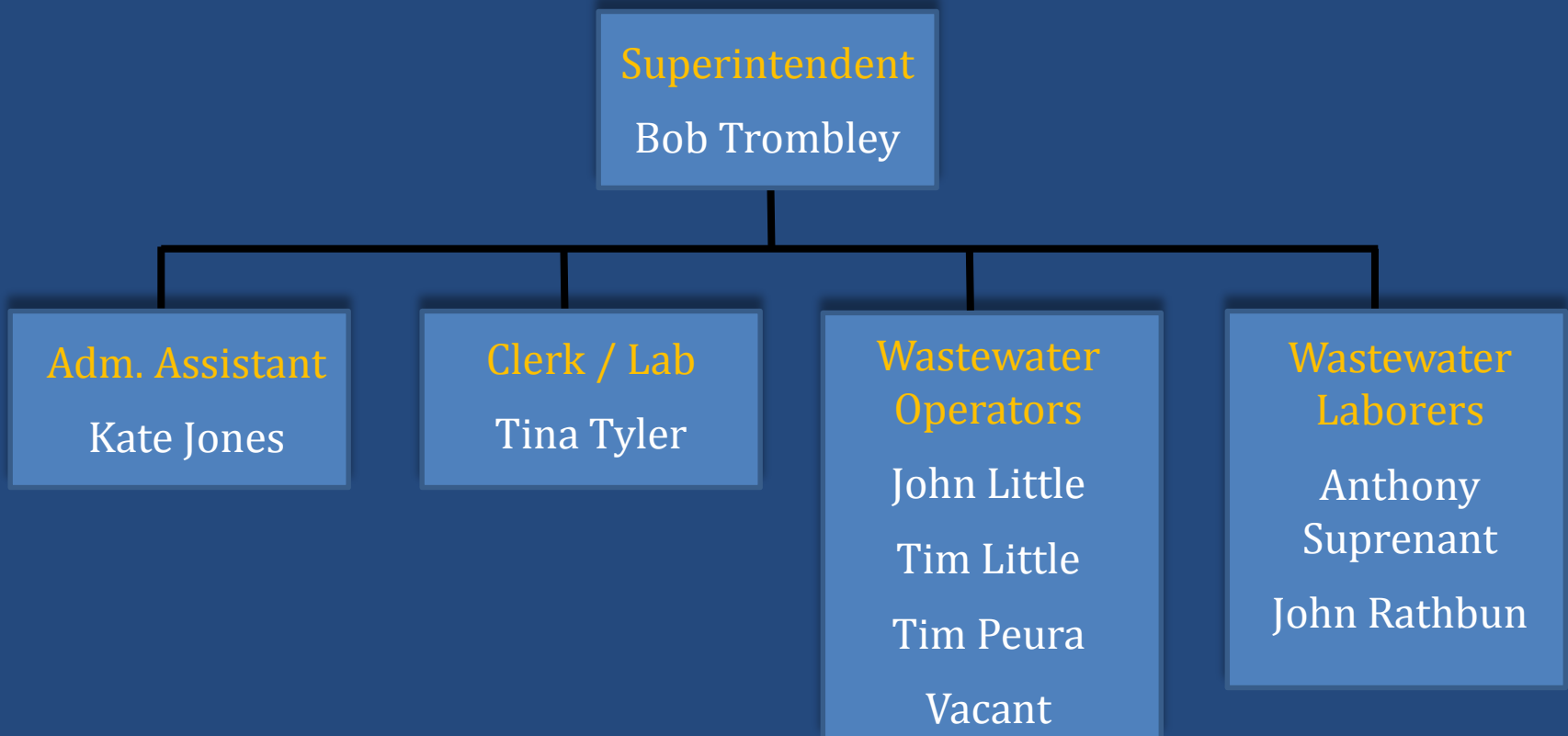
(Level Funding Plan)

Equipment Repair, Replacement & Upgrade

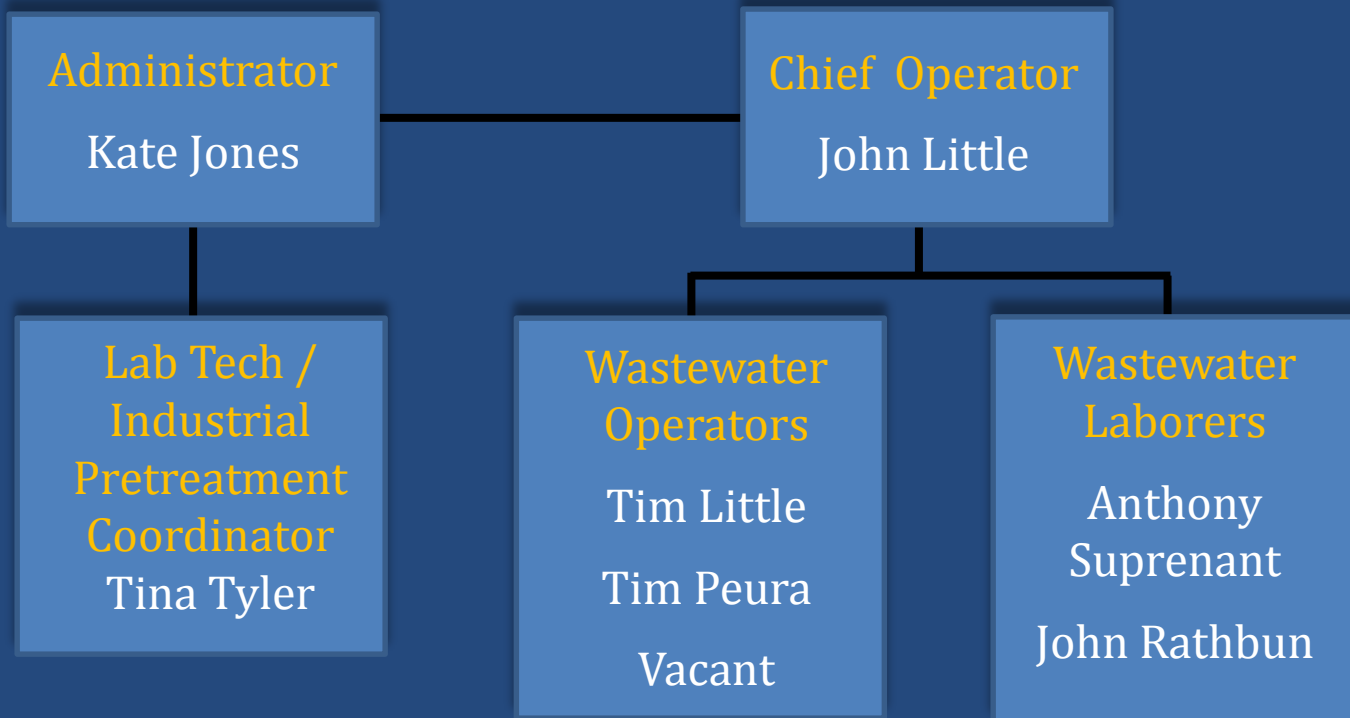
(Level Funding Plan)



Current Staffing



Future Staffing



Planning for the Future:

Keeping sewer rates as low as possible by

Maximizing trucked-in revenues

New Staffing Arrangement
(Level Funding Plan)

Equipment Repair,
Replacement & Upgrade
(Level Funding Plan)

Montague Water Pollution Control Facility







Capital Investment / Bonding Schedule

6-Year Plan (FY 2016 – FY 2021)

\$750,000 initial investment for new equipment to increase trucked-in waste

\$5.25 million for replacement and upgrade of existing equipment

Level Funding Plan to Continue the Benefits of Trucked-In Revenues

Maintain effective staffing by using retiring superintendent's wages to:

- Establish Administrator position

- Establish Chief Operator position

- Expand Lab Tech position to include Industrial Pretreatment Coordination responsibilities

- Bring Wastewater Operator and Wastewater Laborer wages in line with industry standards

Install new equipment to support 50% increase in trucked-in waste revenues.
Repair, replace and upgrade existing equipment

Next Steps:

- Formal establishment of Staffing Plan

- FY2017 budgeting of Capital Improvements Plan





