

Onondaga County Sewer Consolidation

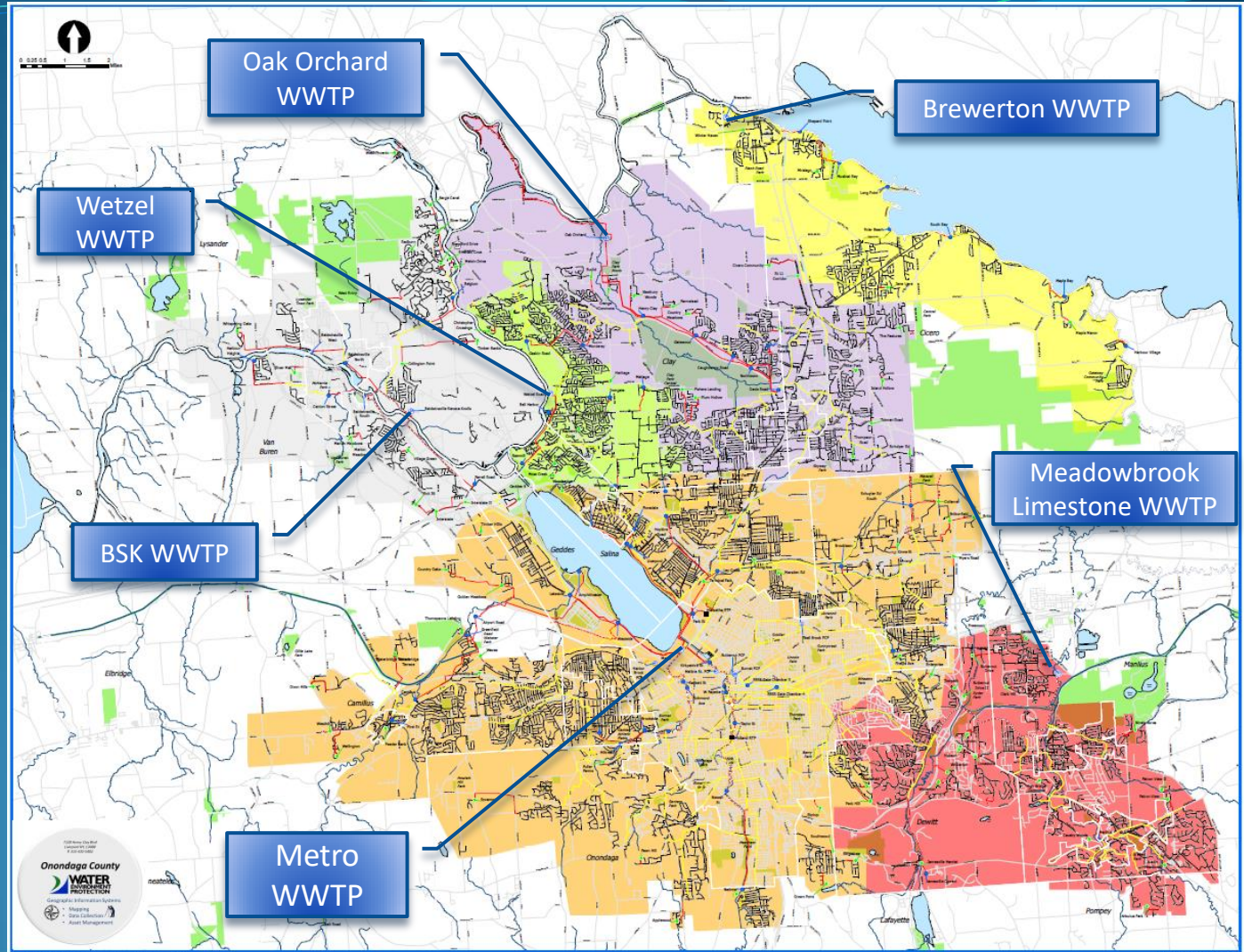


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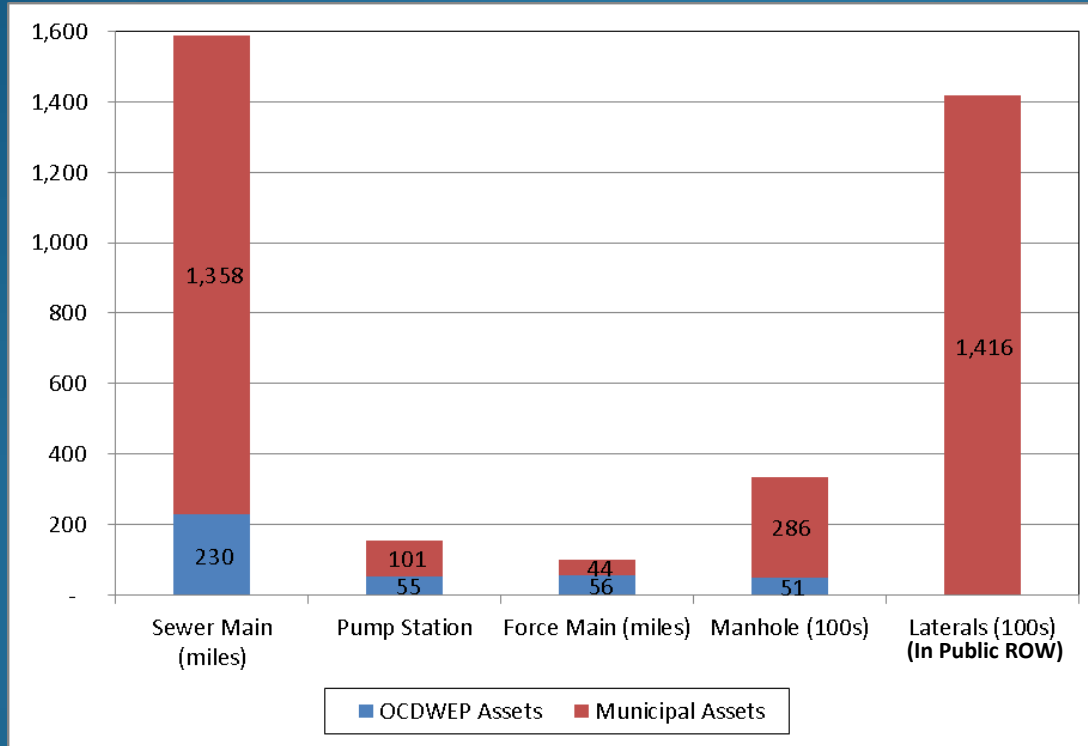
Consolidated Sanitary District (“CSD”):

- Six (6) sewer service areas
- 20 municipalities
 - 1 City
 - 11 Towns
 - 8 Villages
- Complex network of sewer pipes, pump stations, and treatment facilities



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CSD – Collection System Assets



- Municipal assets under 20 different owners
- Number of assets is significant
- Varying degrees of age & condition



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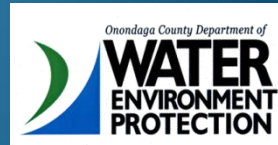
Current Sewer Structure

County Sewer Department (WEP)	Local Municipalities
<ul style="list-style-type: none">• WWTP, PS, and Trunk Sewers	<ul style="list-style-type: none">• Local Sewers, Small PS, Manholes, Laterals
<ul style="list-style-type: none">• Sewer Fund with Budget for O&M and Capital Investment	<ul style="list-style-type: none">• Some have Sewer Funds and others use General Fund. Budget investment levels vary.
<ul style="list-style-type: none">• Long Term Capital Plan - infrastructure upgrade and replacement	<ul style="list-style-type: none">• Limited capital investment
<ul style="list-style-type: none">• Annual Sewer Unit Charge - \$448.81	<ul style="list-style-type: none">• Wide range of fees 0-\$400 per year

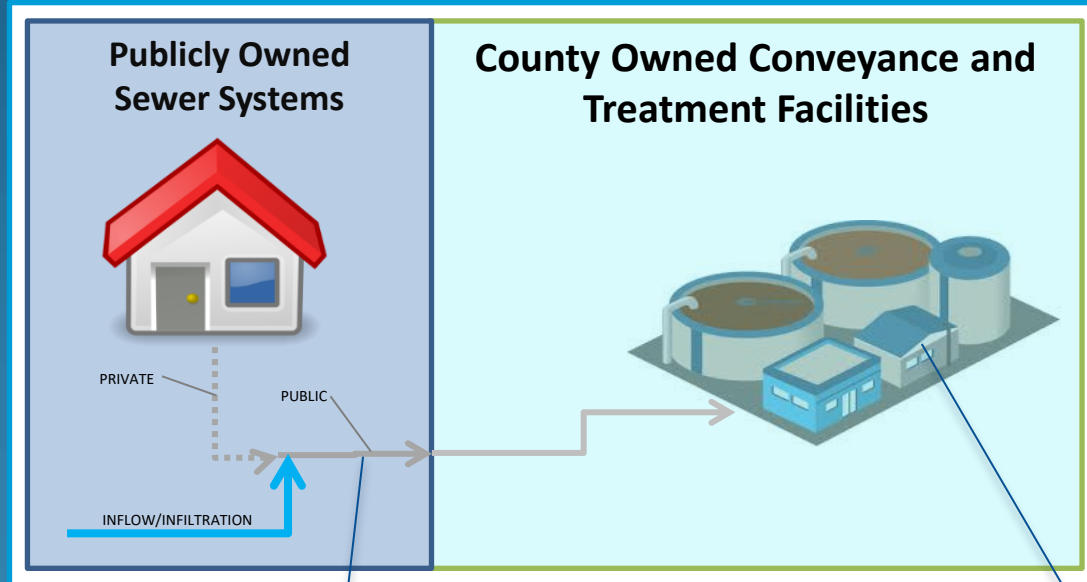
Note: Current Intermunicipal Agreements (IMAs) provide support only. Costs are billed back to each municipality. IMA support does not replace broken assets (ie. Collapsed sewer laterals).



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Segmented Ownership

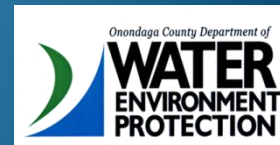


Broken local sewer assets allow inflow & infiltration into the sewer collection system

Excess flow from inflow & infiltration increases operating cost of WWTPs, exceeds treatment capacities and results in permit violations.



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Current I/I flows can cost up to \$2.5 million/month in WEP operating expenses.



Current I/I flows equivalent to 90,000 single family homes. This capacity for economic and other development is lost.



Current base sewer flows equate to ~190,000 single family homes.

Meadowbrook-Limestone WWTP is one of the most vulnerable to regulatory penalties.



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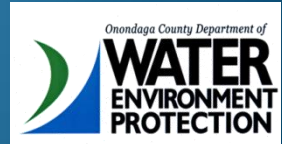


Action is Needed...NOW.

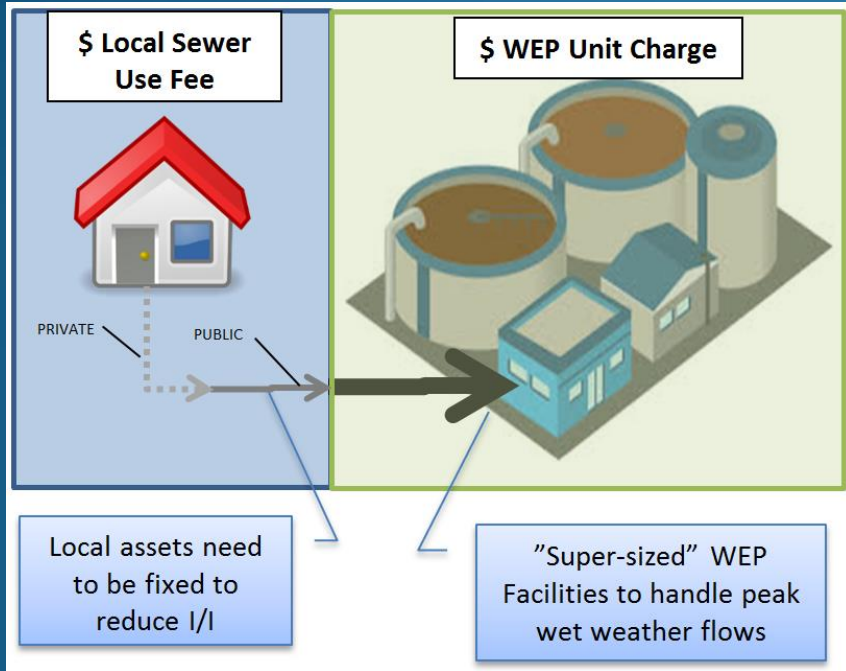
We have two choices...



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Option 1 – Do Nothing (Continue as is)



- I/I continues and gets worse
- Regulatory pressures and penalties surge
- Local municipalities have limited resources to maintain and fix their assets.
- WEP forced to spend millions to super-size facilities which consume prime real estate.
- Sewer customers pay two sewer fees – County Unit Charge and Local Sewer Fee



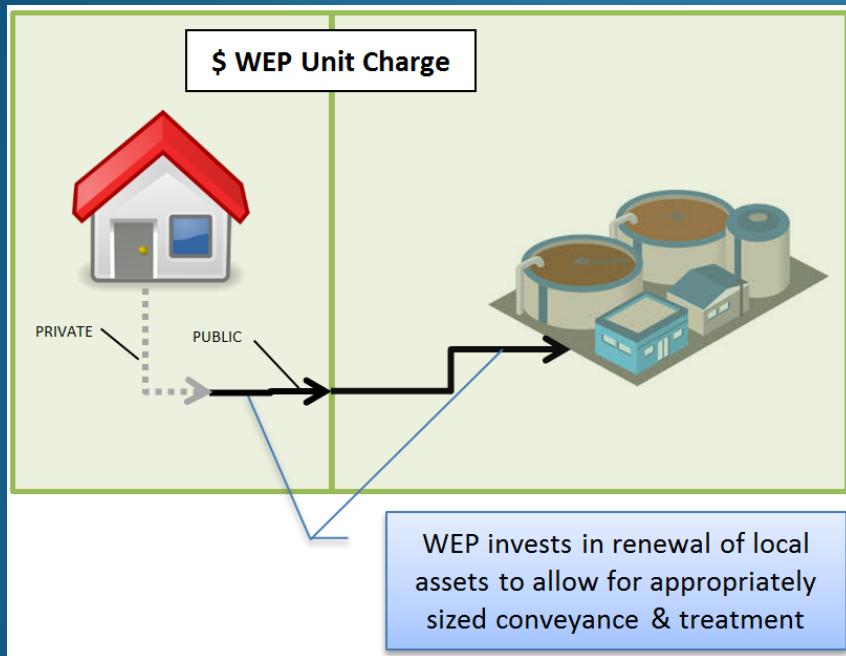
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Is this really what we want on Onondaga Lake?



Option 2 – “Consolidation”



- All operations, maintenance and capital investment falls under WEP
- Community benefits from efficiencies and economies of scale
- WEP, with robust resources, attacks I/I
- Financing falls under one jurisdiction eliminating competition for grant funding.
- Consolidates all costs into a single sewer fund & budget
- Single sewer unit charge



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Consolidation is the best solution

- WEP has the knowledge, tools and expertise to move quickly and comprehensively to address I/I
- Consolidation streamlines administrative efforts
- Consolidation will provide economies of scale savings (\$\$ saved!)
- County relieved of immense regulatory pressures and penalties (\$\$ saved!)
- County relieved of the need for expensive plant upgrades and expansions (\$\$ saved!)

Ensures uniform levels of service and customer cost – no matter where you live!



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We are all in this together!



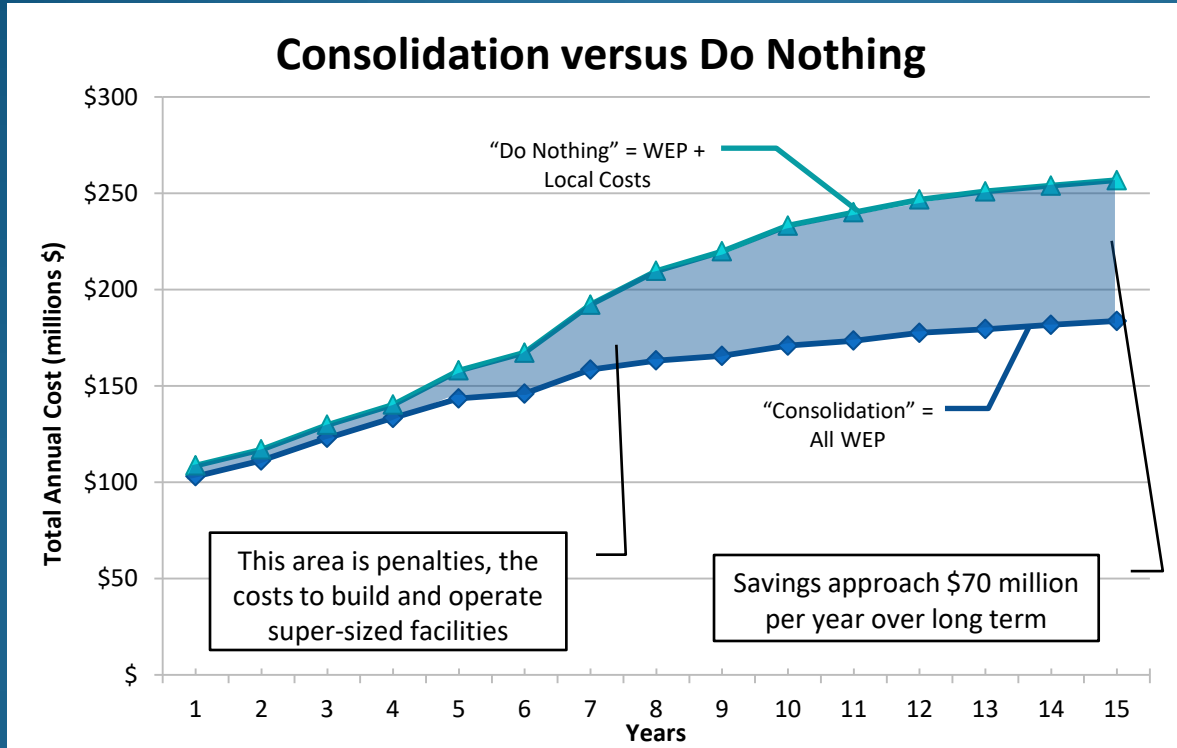
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Annual Cost Projections



- “Do nothing” includes
 - Cost of WEP “super-sized” facilities
 - Costs for 20 municipalities
 - Assumes municipalities make same investments as Consolidation efforts
- “Consolidation” includes
 - All O&M and Capital from lateral to WWTP under WEP Budget

Consolidation is the best long term investment!



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Next Steps

- Execute lease agreements for MBLS municipalities
- Authorize County Executive to sign Lease Agreements
- Initiate \$9 million sewer rehabilitation in MBLS
- Prioritize other municipalities by sewer service areas with greatest I/I issues and capacity restrictions.



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