

Richland / Sandy Creek Joint Water Project

Town of Sandy Creek Water District No. 3
Town of Richland Water District No. 5

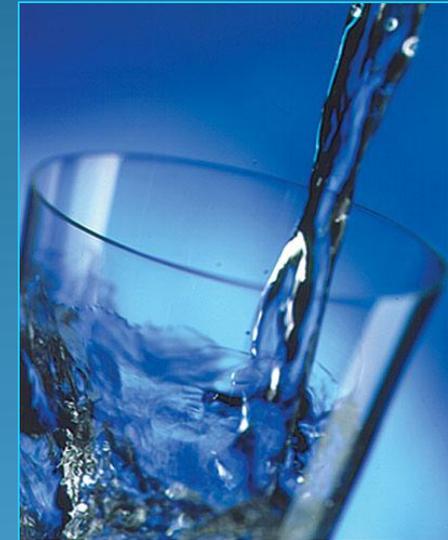


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Presentation Outline

- Updates since Summer 2015
- Identify water needs
- Identify proposed facilities
- Outline estimated costs / benefits
- Outline steps to proceed
- Questions and Answers



Updates Since Summer 2015

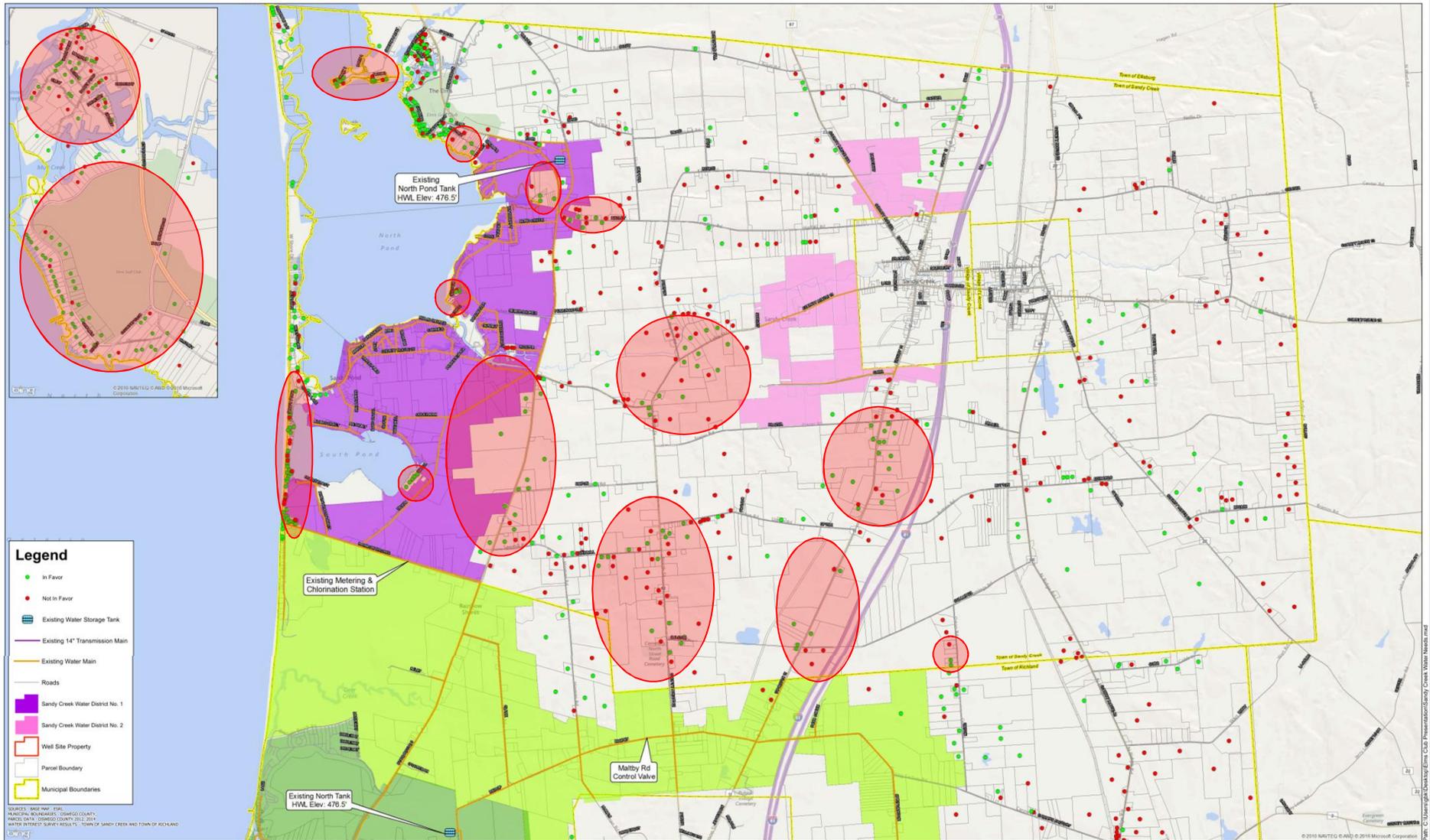
- Water Survey mailed in 2015
- Results indicate significant interest for public water supplies in Richland and Sandy Creek
- 2016 Feasibility Study
- Drought conditions persist throughout New York State



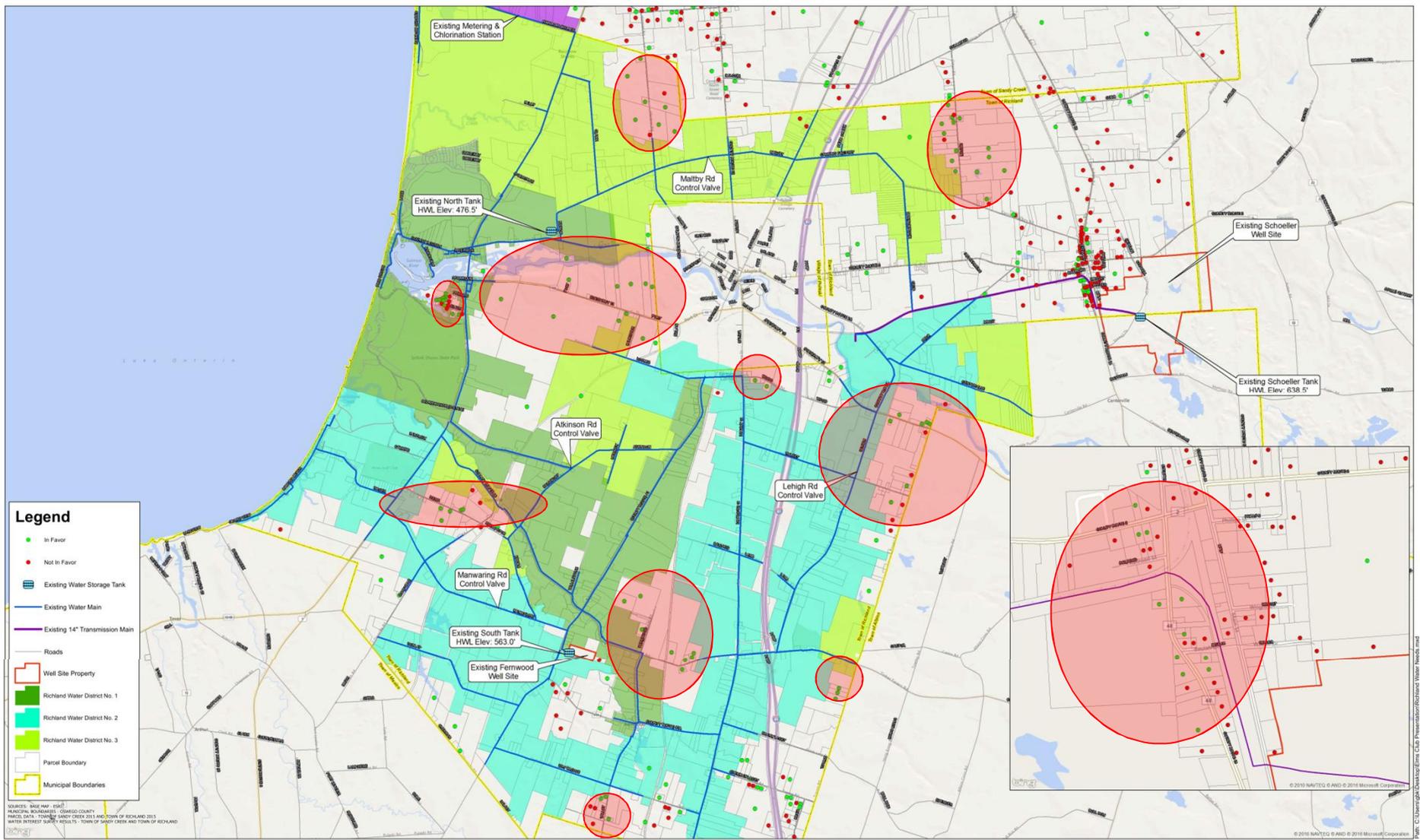
Environmental Facilities Corporation

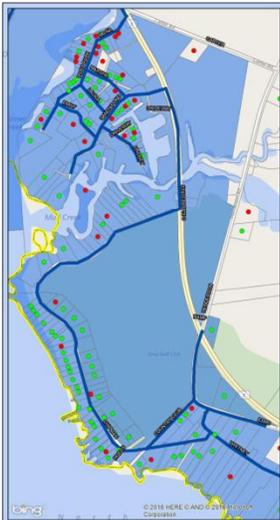
*Providing Low Cost Financing and Technical Assistance
to Municipalities, Businesses and State Agencies for Environmental Projects*

Needs: Sandy Creek



Needs: Richland

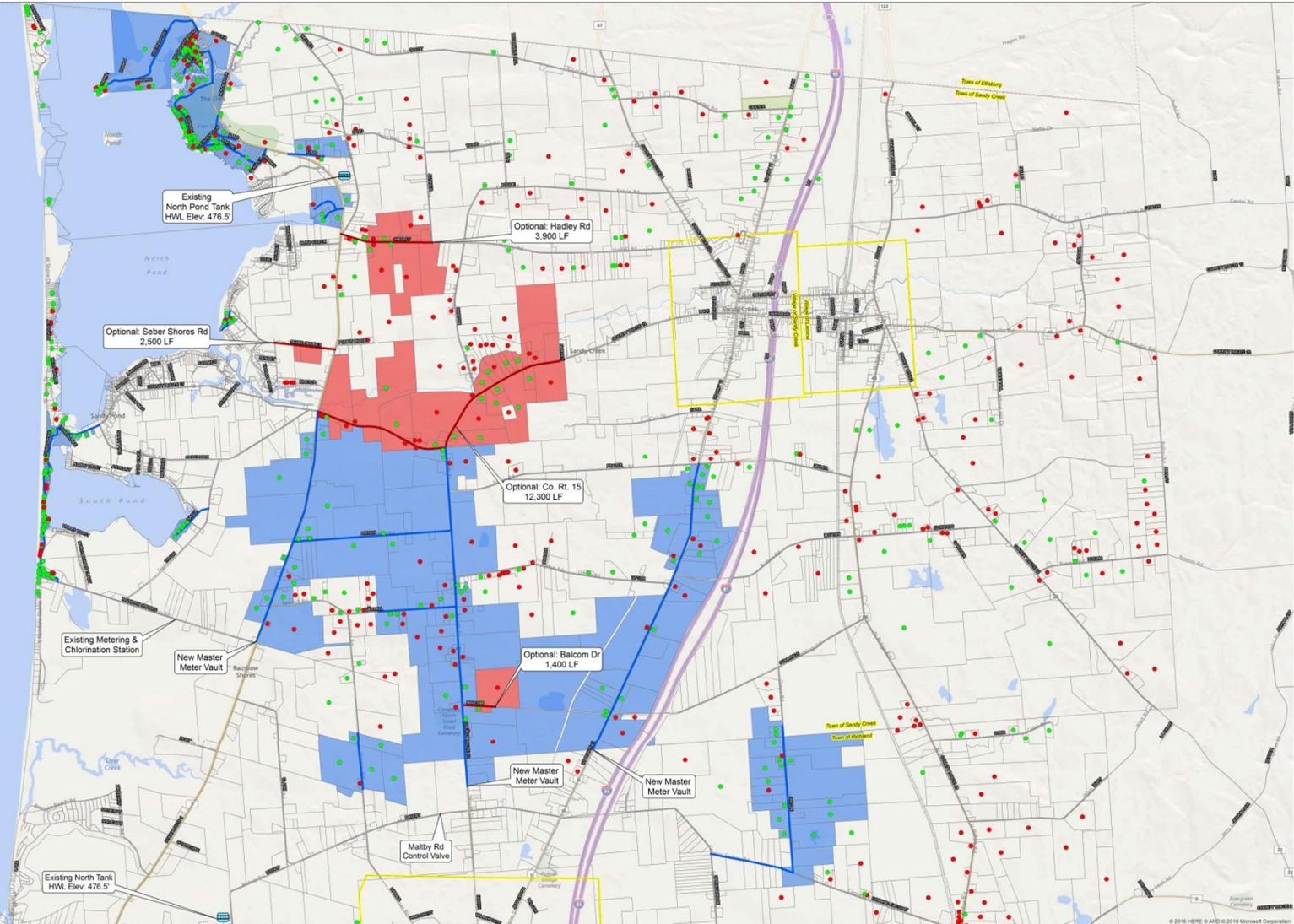




Legend

- In Favor
- Not in Favor
- Existing Water Storage Tank
- Proposed 12" Water Main
- Proposed 8" Water Main
- Proposed Water Main (Optional)
- Roads
- Proposed Water District
- Proposed Water District (Optional)
- Well Site Property
- Parcel Boundary

SOURCE: 2015 SURVEY DATA, RICHLAND, NEWARK, OSWEGO COUNTY, FRISCO, NY; 2015 SURVEY DATA, OSWEGO COUNTY, NY; 2014 WATER INTEREST SURVEY RESULTS, TOWN OF SANDY CREEK AND TOWN OF RICHLAND, NY.



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Estimated Costs

Capital Costs

Town of Sandy Creek Water District No. 3: \$7,516,500

Town of Richland Water District No. 5: \$6,473,500

TOTAL: \$13,990,000



Environmental Facilities Corporation

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Estimated Costs



Annual Costs per EDU Anticipated Rate Structure

	<u>Town of Richland Water District No. 5</u>	<u>Town of Sandy Creek Water District No. 3</u>
• Debt Service	\$ 515	\$ 515
• Town O&M (benefit assessment)	\$ 99	\$ 99
• Semi-Annual Minimum (users)	\$ 91	\$ 91
• Usage over 40,000 gal. (2016)	\$ 2.10 / 1000 gal.	\$ 2.10 / 1000 gal.
• TOTAL for 110 gpd household	\$ 705	\$ 705

EDU = Equivalent Dwelling Unit, represents typical single-family household

*Based on 30-year, 0% NYSEFC financing and \$2 million grant

Vacant parcel: \$307

Un-served land-locked parcel: \$61

EDU Assessment

<u>Property Description</u>	<u>Unit Charge</u>
Single Family Residence	1 EDU
Seasonal Residence	1 EDU
Multi-family Residence	1 EDU / residence
Apartments	0.75 EDU/Apart.
Restaurants & Campgrounds	Variable
Commercial	1 EDU / 200 gpd
Vacant Parcel	0.5 EDU
Un-Served land-locked parcels (inc. sections not served)	0.1 EDU

Estimated Costs

Connection Costs (on private property)

- 5/8" water meter \$ 160
- Service Lateral \$ 15 to \$25 per foot
- 3/4" PRV (if necessary) \$ 60
- Meter Pit (if necessary) \$ 600

Typical connection cost: 50 foot lateral, no PRV or meter pit: \$900 - \$1,400
(2016 dollars)

Other Considerations

- Improved fire protection & homeowners insurance rates
- Improved appliance and plumbing component life
- Eliminate need for well pumps
- Fill your 24' diameter pool for about \$28
- Take a shower & flush toilets during power outages
- Safe, regulated, tested and good tasting water supply
- Investment in our community
- All for about the cost of:



7 gal. per week



2 bottles per day



110 gallons per day

Sustainable Supply



Camp Road Experience



Steps to Proceed

- **Submit Project to Funding Agency**
- **Receipt of Favorable Funding Terms**
- **Form Water District**
- **Develop Inter-municipal Agreements**
- **Pass Bond Resolutions**
- **Submit DWSRF Application**
- **Environmental Field Work / Permitting**
- **Design and Construct Facilities (Summer 2018)**



Questions?

The experience to
listen.

The power to
solve.

Barton
& **L**oguidice, D.P.C.

