

Groveland Water District No. 1 Public Hearing

September 23, 2021



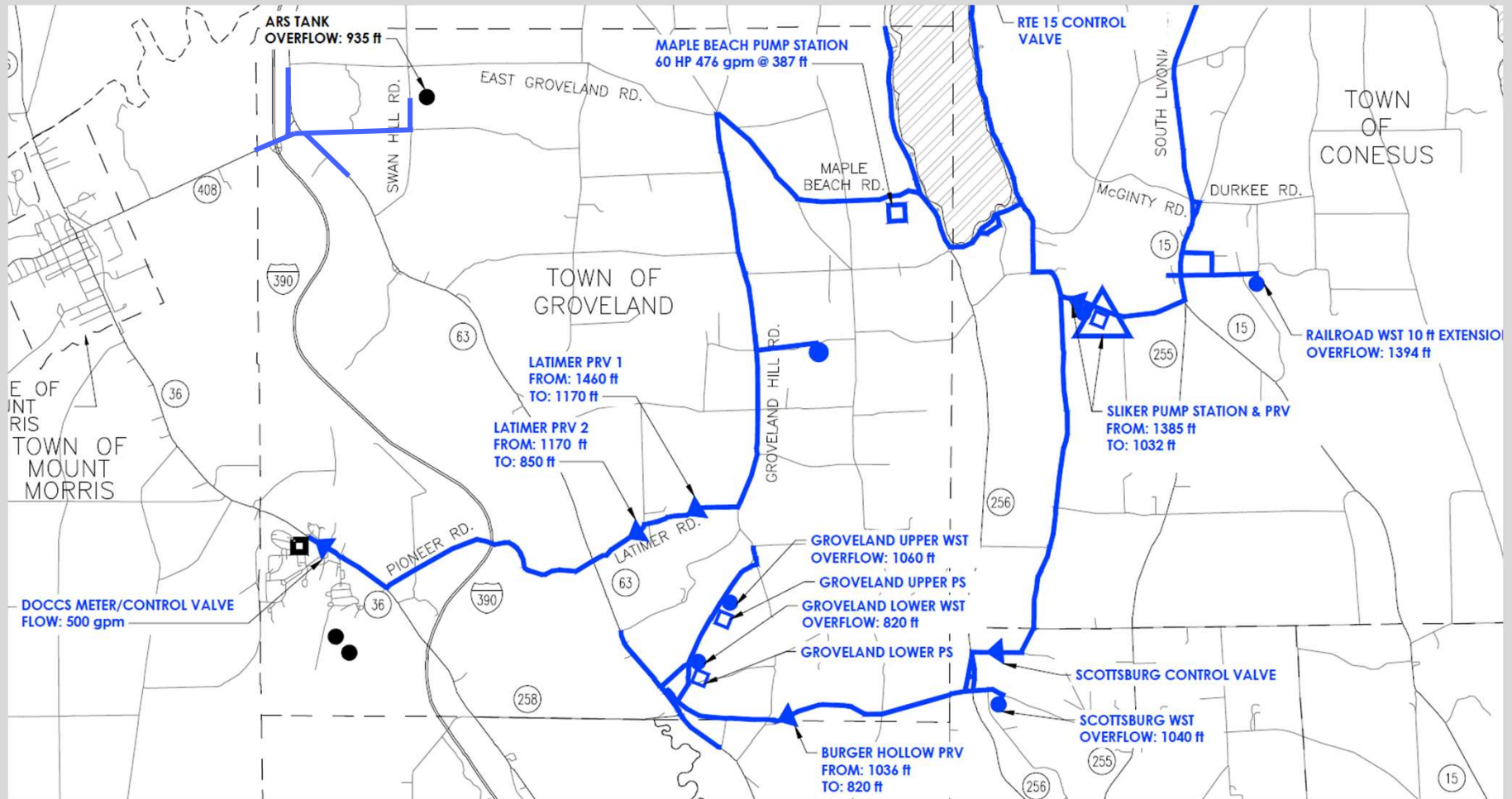
Town of Groveland

District Definition

A water district is a special use district required by Town Law where a specific area of the Town receives a specific benefit. The cost for receiving this benefit is borne solely on the property owners in that specific area.

Town of Groveland

Water History



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Previous Steps

- Public Informational Meeting
 - August 2019
- Map, Plan, & Report
- Income Survey
- Water Quality Survey
- Environmental Review
- Legal Petition
- USDA-RD Application

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Total Annual Costs – Target

Estimated Debt Service/Unit/Year:	\$842
<u>Annual Water Cost Per EDU:</u>	<u>\$358</u>
Total Estimated Unit Cost:	\$1,200

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Legal Petition

- 198 Total Parcels
- Circulated by Property Owners in the District

Total Assessed	\$25,320,530.50
Residential Assessed	\$18,036,115.00
Total Assessed Signed	\$16,272,228.50
Residential Assessed Signed	\$10,884,495.00
Percentage Total	64.3%
Percentage Residential	60.3%

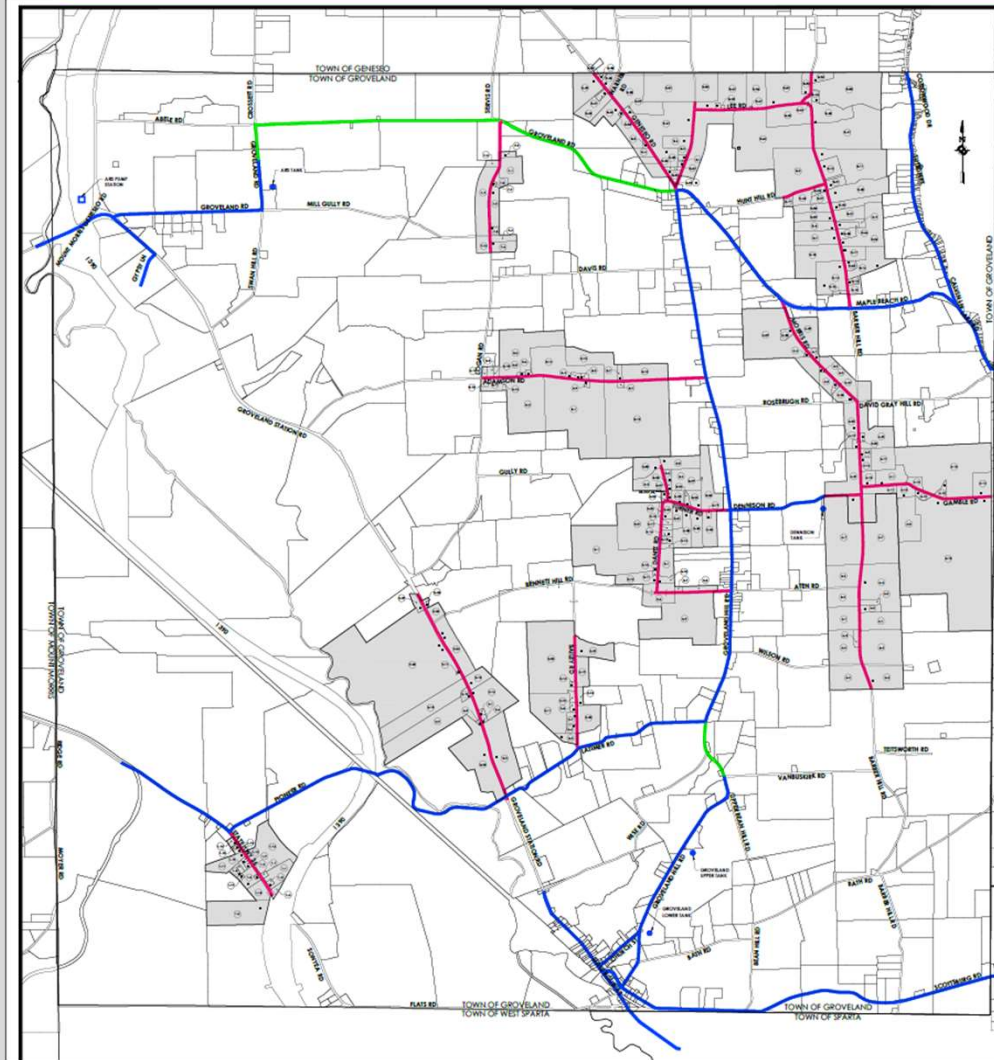
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Water Quality Surveys

- 47 Surveys Returned
 - 27 - Deep Well Source
 - 11 - Shallow/Dug Well, Spring or Other
 - 9 properties were unsure of their well water source
- 17 Wells Tested
 - 8 Tested Positive for Coliform
 - 3 Tested Positive for Escherichia coli (E. coli).

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Proposed System



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Public Side

- Water Mains
 - 4-inch, 6-inch, 8-inch & 12-inch PVC
- Pump Station
- Valves & Hydrants
- Water Services (Both Sides of the Road)

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Private Side

- Service Line
 - Property Line to House or Business
- Well
 - Abandonment vs Continued Use
- Backflow
 - Required for certain Commercial Users
 - Required for certain Residential Users

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Costs

- Capital Costs
 - Public versus Private
- Operation & Maintenance Costs
 - Utilities, Labor, Testing, etc...
- Estimated Annual Costs
 - Equivalent Dwelling Unit (EDU)



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Capital Costs – Private Side

- Water Service
 - \$15 to \$25 per linear foot
 - Internal Plumbing Changes
 - Well Abandonment
- Livingston County Water & Sewer Authority
 - \$560 Residential Permit Fee (Includes Meter)
 - \$770 Meter Pit (If Required)
 - Reimbursement
- Backflow Prevention

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Equivalent Dwelling Unit

- Single Family Home = 1 EDU
- Multiple Family Home = 1 EDU + 0.5 EDU for Each Additional Family
 - Two Family Home = 1.5 EDU
 - Three Family Home = 2 EDU
- Non- Residential
 - Calculated based on Average Daily Use divided by 165 gallons per day, rounded up
 - Example $960 \text{ gpd} / 165 \text{ gpd} = 6 \text{ EDU's}$

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Equivalent Dwelling Unit

- Vacant
 - Developable = 0.5 EDU
 - 14-Total
 - Undevelopable = 0.1 EDU
 - 2-Total
 - NYS Certified Ag-District = 0 EDU
 - Majority

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Water Costs

Livingston County Water & Sewer Authority

\$148 Base Charge Per Year = \$148

\$3.50 per 1,000 gallons x 60,000 gallons = \$210

Total Annual Water Cost = \$358

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Total Annual Costs - Petition

Total Estimated Capital Cost	\$6,405,000
Estimated USDA Grant	\$2,882,250
Net Project Costs	\$3,522,750
Annual Debt Service (38 years, 2.0%)	\$133,233
Estimated Debt Service/Unit (161.2 units)	\$826.51
Estimated Yearly Water Cost	\$358
Total Estimated Unit Cost (Rounded)	\$1,190

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Total Annual Costs - Actual

Total Estimated Capital Cost	\$6,405,000
Estimated USDA Grant	\$2,500,000
Local Contribution	\$6,000
Net Project Costs	\$3,899,000
Annual Debt Service (38 years, 1.375%)	\$132,423
Estimated Debt Service/Unit (161.2 units)	\$821.48
Estimated Yearly Water Cost	\$358
Total Estimated Unit Cost (Rounded)	\$1,180

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Additional Funding Sources

- NYSEFC – DWSRF & WIIA
 - Low Interest Loans & Grants
 - Application Period
- NYS CDBG
 - Grants

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Next Steps

- District Formation
- NYS Comptroller Review
- Design, Permitting, & Bidding
 - 12-Months
- Construction
 - 15-Months

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