

Town of Sterling

Public Hearing

Water District No. 3

June 5, 2017



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Development of the Town Water System...

- Only property owners in the Water District can vote (gray area shown on map).
- Property owners not in the Water District will not be charged for this project.



Why Consider a Town Water System?

- Some documented water quality and quantity problems in this area of the Town,
- Interest expressed in recent questionnaire,
- Reasonable funding available.



Public Water Can Save Money & Headaches!

ELIMINATE:

- Pump repairs or replacement,
- Expensive water treatment systems ongoing maintenance,
- Electric costs to operate well pump,
- Health related well contamination,
- Bad odors, tastes, stained laundry and fixtures from nuisance contaminants,
- Cost of bulk water when the well runs dry,
- Need to purchase bottled water.



Cost for 20 oz. bottle of water = \$1.36
Sales Tax = .10
TOTAL = \$1.46



Sterling WD #3

Cost for 170 gallons = \$1.96
Sales Tax = \$0
TOTAL = \$1.96



Public Water Can Save Money & Headaches!

ENJOY:

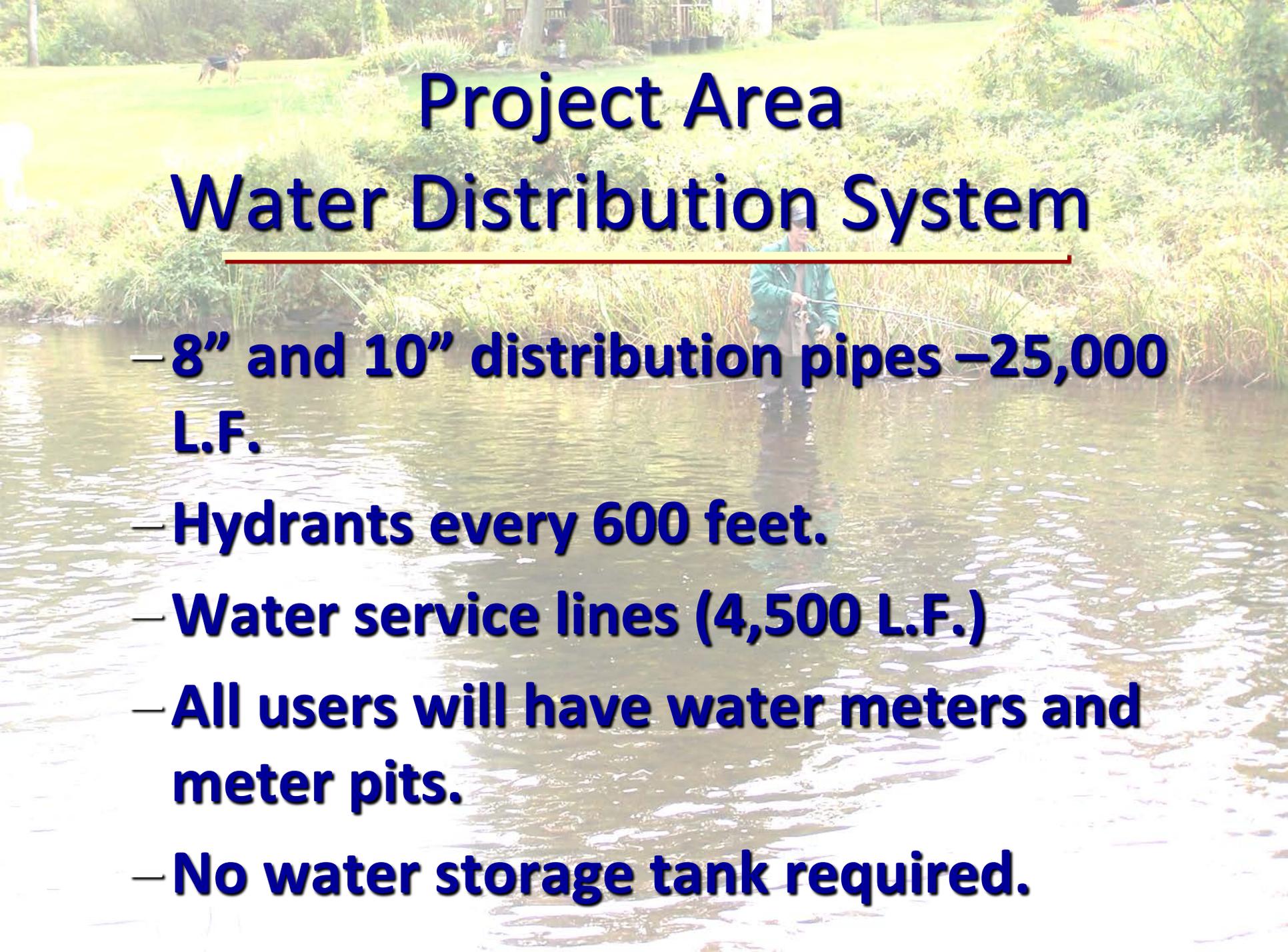
- Water supply, even during power outages,
- Safe, monitored water,
- Good water pressure all times,
- Enhanced fire protection,
- Potential reduction in insurance costs,
- Property sale advantages,
- Ability to fill pools without running well dry,
- Water to farms for crops and livestock.



Engineering Report Details

- Potential Water Distribution System for the Residents of this area in the Town of Sterling



A person in a green jacket and waders is fishing in a river. In the background, a dog is on a lawn near a house.

Project Area

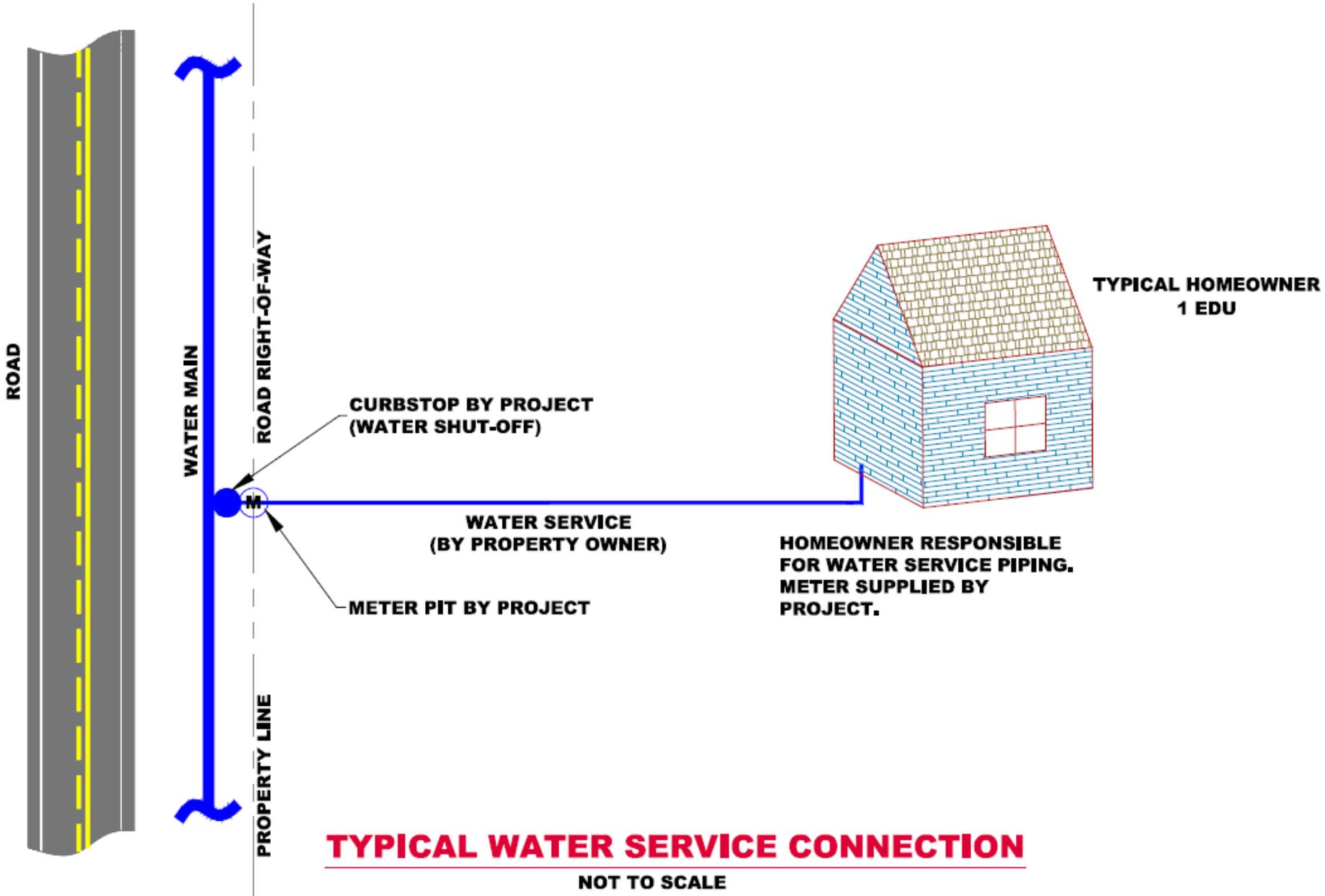
Water Distribution System

- **8” and 10” distribution pipes –25,000 L.F.**
- **Hydrants every 600 feet.**
- **Water service lines (4,500 L.F.)**
- **All users will have water meters and meter pits.**
- **No water storage tank required.**

Water Supply



- Water District will receive water from the Village of Fair Haven.
- Water quality is monitored by NYS Department of Health, and Village of Fair Haven.
- Water supply is from two (2) groundwater wells



Water Project Funding and Financing

■ Project Funding Agency:

– USDA Rural Development (RD)

- Town submitted pre-application in January 2017 for this project.
- RD issued a Preliminary Funding Estimate (PFE) for this project in April 2017. After negotiations with C2AE, a revised PFE was issued in May - \$59,000 in add'l grant \$\$
- Interest Rates may start increasing
- The Town Board must complete the District formation process for USDA-RD to obligate the funds





Historically speaking...

- This area's **water problems** made it a priority NYS community for getting funding. Score = 85 pts
- Funding is based on Median Household Income (MHI) of the Town.
- The Town of Sterling MHI, as per the 2010 Census, is \$44,364. (NYS Average is \$56,882)

Water Project Funding & Financing

Total Project Cost	\$1,820,000
2.0 % RD Loan for 38 Years	\$1,270,000
RD Grant	\$550,000
Equivalent Dwelling Units (EDU)	104
1st Year Fixed Cost (Loan Payment)	\$48,044
Town Reserve Fund \$50/EDU/Yr	\$5,200
1st Yr Fixed Cost/EDU (Loan + Reserve)	\$512/Yr
Estimated Water Usage Cost	\$202/Yr
Projected Annual Cost per Household	\$714/Yr
Projected Daily Cost per Household	\$1.96/Day

Estimated Water Project District Costs

- Average project 1st year cost per typical household will be approximately \$714/yr.**
- Vacant Parcel is ½ EDU and cost – \$256/yr.

****Based on a residential home using 62,050 gallons per year (170 gpd) of water at the present 2017 Water Rate from the Village of Fair Haven - \$3.25/1,000 gallons.**

Estimated typical connection cost will be between \$600-\$800.

Typical Annual User Costs Voted on for Other Projects

■ Town of New Haven WD #5	(approved)	\$672
■ Town of New Haven WSA #6	(approved)	\$779
■ Town of Mexico WSA #3	(approved)	\$743
■ Town of Volney CR 57 South WD	(approved)	\$725
■ Town of Volney MacDougal 6/45 WD	(approved)	\$781
■ Town of Volney Airport WD Ext #2	(approved)	\$755
■ Town of Volney Airport WSA #3	(approved)	\$812
■ Town of Volney CR 45/6 Baldwin WD	(approved)	\$770
■ Town of Volney CR 57/6 North WSA	(approved)	\$765
■ Town of Sterling WD #1	(approved)	\$701
■ Town of Sterling WD #3	(estimated Max)	\$714

Scheduled Events for Project

- **After the Public Hearing, the Town will schedule a Referendum Vote.**



In Conclusion

- District Vote – August 2017
- Voting Rules
- If supported, construction could start Spring of 2018 at the earliest.

