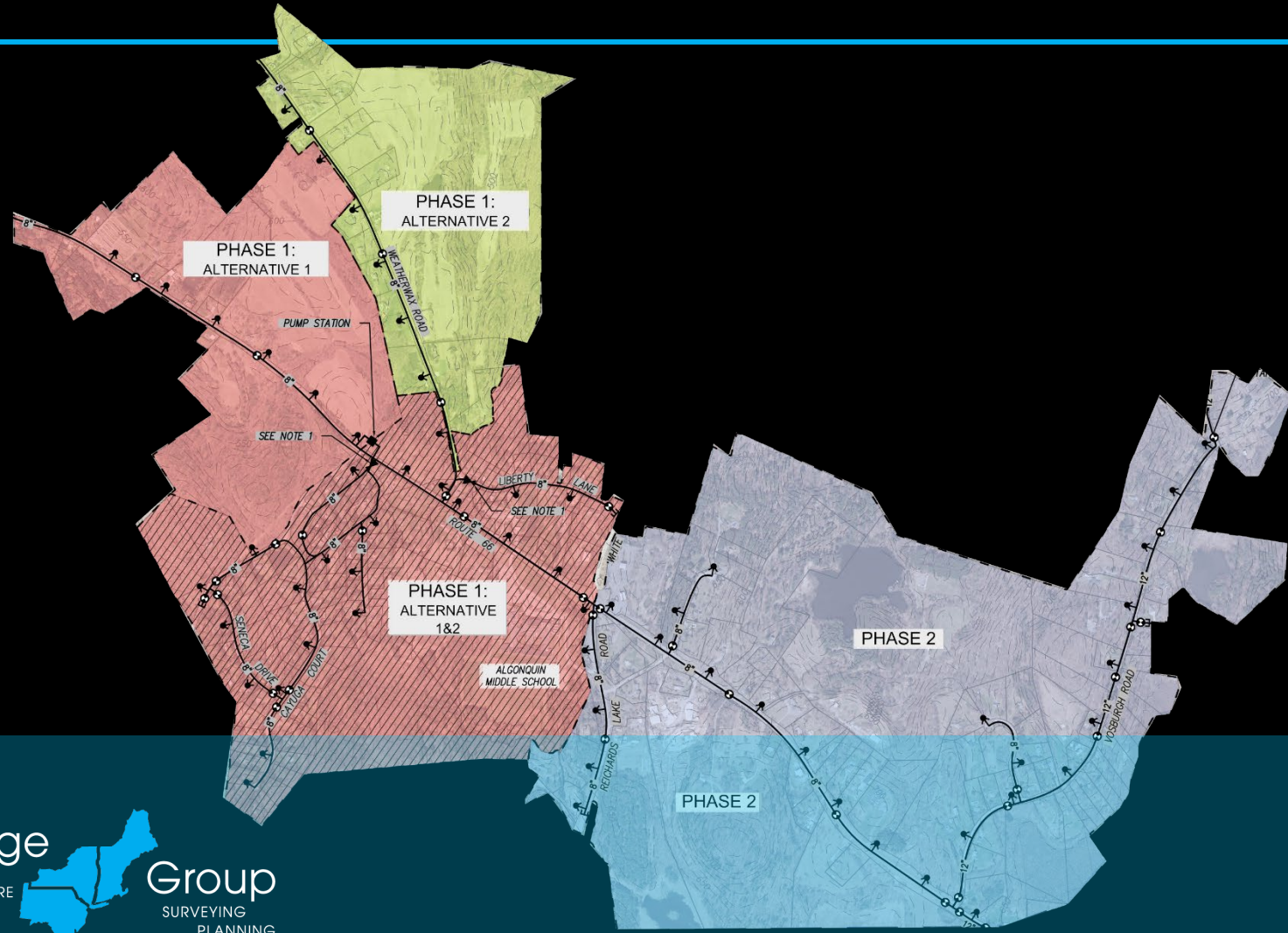


PROPOSED WATER DISTRICT NO. 2

PUBLIC INFORMATIONAL MEETING – JULY 21, 2022



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PURPOSE OF MEETING

 Proposed Water Improvements

 Annual Costs

 Feedback/Questions



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REASON FOR PROPOSED DISTRICT

PFOA EXCEEDING 10 PPT
DETECTED IN ALGONQUIN
MIDDLE SCHOOL WELLS AND
13 OTHER WELLS.



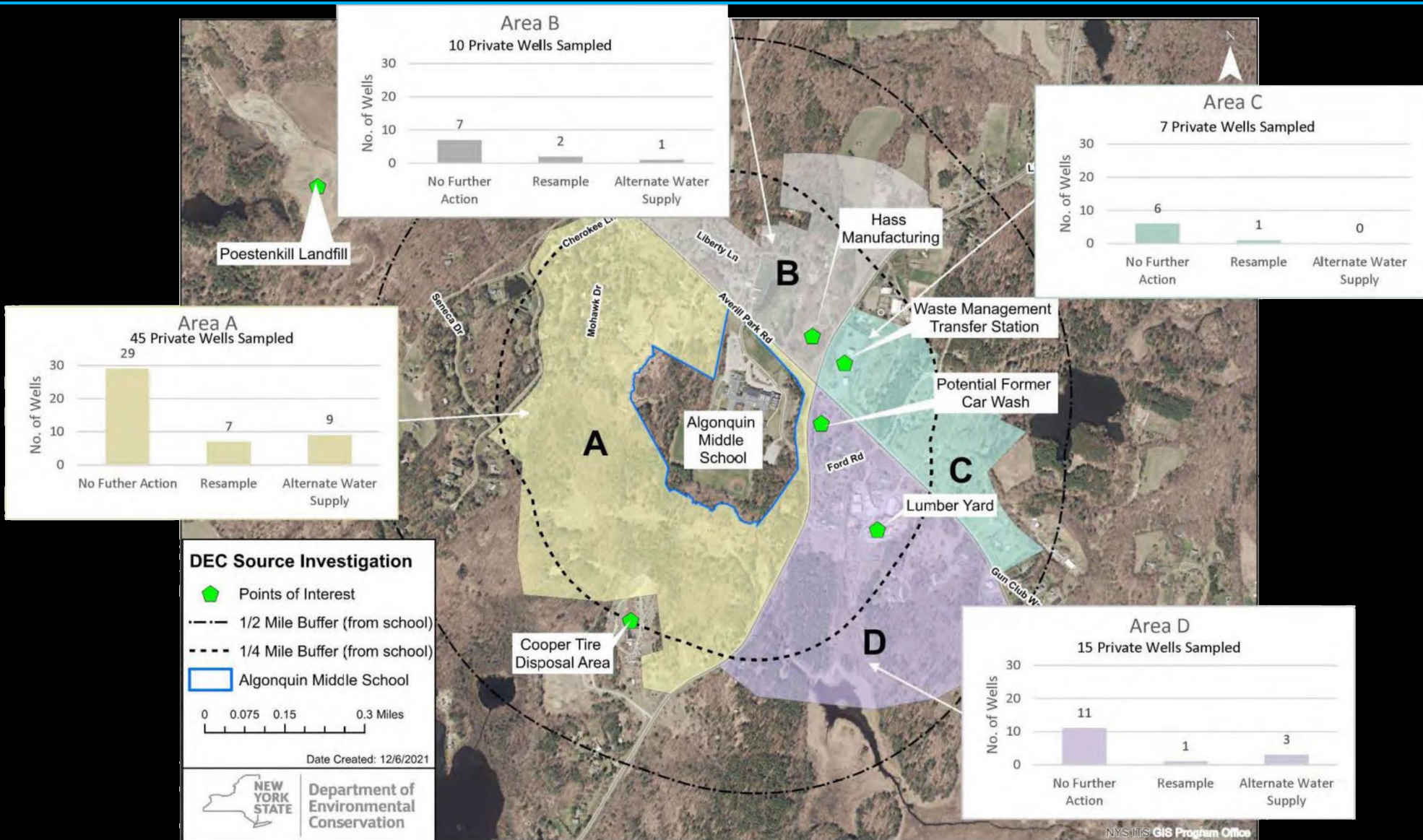
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PFOA SAMPLING RESULTS (12/6/2021)



WATER SUPPLY

- WATER SOURCE IS CITY OF TROY
- WATER IS TRANSPORTED THROUGH:
 - TROY
 - BRUNSWICK
 - POESTENKILL WATER DISTRICT NO. 1



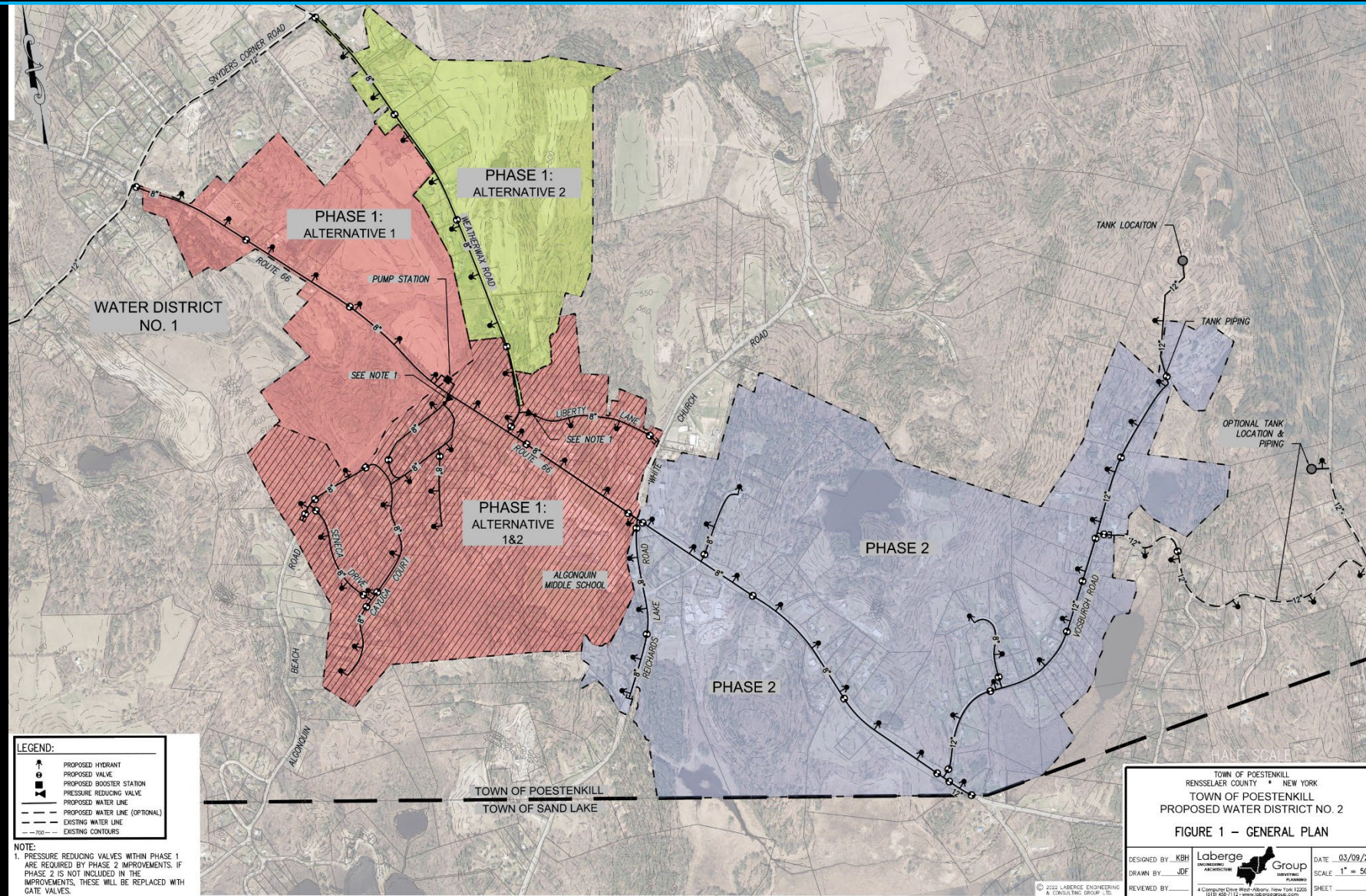
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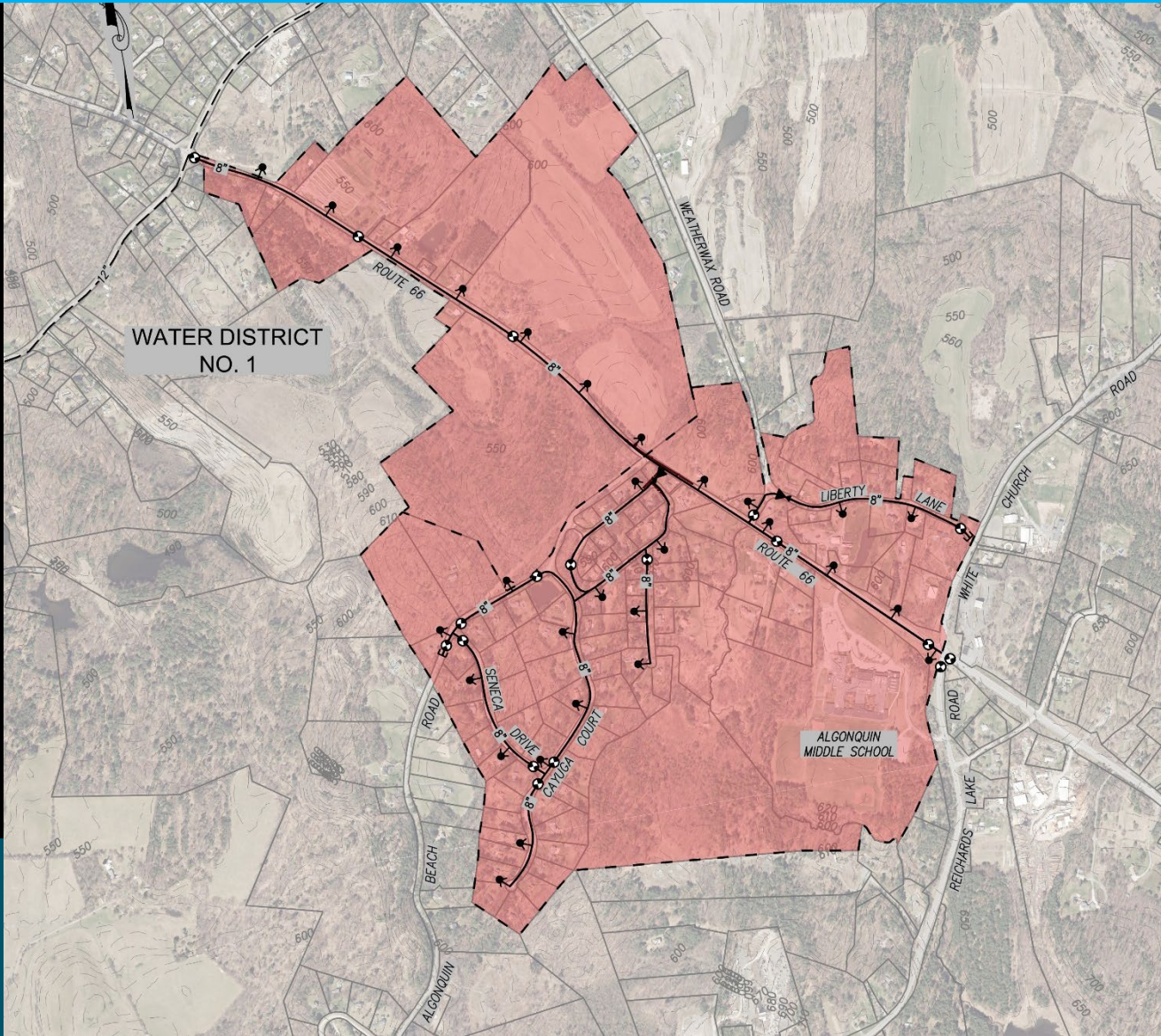
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INITIAL STUDY AREA



PROPOSED DISTRICT



MAJOR SYSTEM COMPONENTS

- 19,900 LF WATERMAIN
 - 30 FIRE HYDRANTS
 - 19 MAINLINE VALVES
 - 110 WATER SERVICES
 - 110 WATER METERS
-
- Restoration for lawns, driveways, pavement cuts, etc. as required.



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IMPROVEMENT COST

TOTAL PROJECT COST	\$5,550,000	
Estimated Construction	\$ 3,581,500	
Contingencies	\$ 1,200,000	(33%)
Geotechnical	\$ 60,000	
Legal / Administrative	\$ 100,000	
Survey and Mapping	\$ 65,000	
Environmental	\$ 7,500	
Engineering	\$ 395,000	
Construction Observation	\$ 140,000	

PROPOSED PROJECT FUNDING

PROJECT COST	\$5,550,000
NYWIIA Grant (60%)	\$3,300,000*
Local Financing	\$2,250,000

*September 2022 Application



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ANNUAL USER COST

THREE COMPONENTS

1. DEBT SERVICE
2. METERED WATER USE
3. OPERATION & MAINTENANCE



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ANNUAL USER COST

DEBT SERVICE

AMOUNT OF BORROWING	\$2,250,000
INTEREST RATE	4%
TERM	30 YEARS
ANNUAL PAYMENT	\$128,383
BENEFIT UNITS IN PROPOSED DISTRICT	171
COST PER BENEFIT UNIT	\$751

TYPICAL RESIDENTIAL USER = 1 BENEFIT UNIT = \$751 PER YEAR



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ANNUAL USER COST

METERED USE

EXISTING WATER RATE IN DISTRICT NO. 1 \$5.25 / 1,000 GALLONS

INCLUDES:

PAYMENT FOR COST OF WATER \$4.70 / 1,000 GALLONS

OPERATION AND MAINTENANCE \$0.55 / 1,000 GALLONS

TYPICAL RESIDENTIAL WATER USE 80,000 GALLONS / YR

TYPICAL RESIDENTIAL USE COST \$420



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ANNUAL USER COST

OPERATION & MAINTENANCE

TOTAL ESTIMATED O&M	\$31,500
AMOUNT RAISED IN METERED USE	\$7,500
AMOUNT TO BE RAISED BY UNIT CHARGE	\$24,500
BENEFIT UNITS	171
O&M COST PER UNIT	\$140

TYPICAL RESIDENTIAL = 1 BENEFIT UNIT = \$140



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ANNUAL USER COST

TOTAL ESTIMATED ANNUAL COST SINGLE FAMILY HOME

TOTAL DEBT SERVICE	\$ 751
WATER USE	\$ 420
O&M	\$ 140
TOTAL	\$1,311



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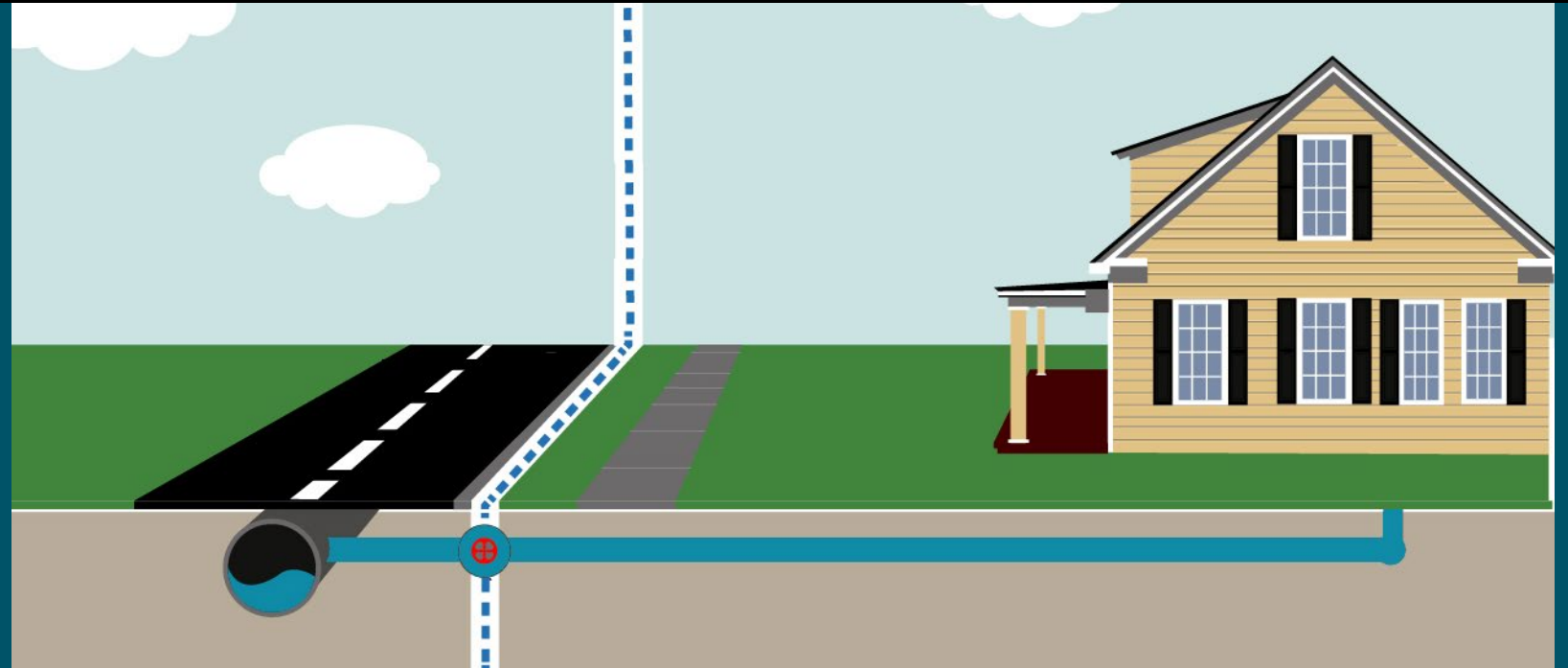


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OTHER COSTS

EACH PROPERTY OWNER IS RESPONSIBLE TO INSTALL A WATER LINE FROM THE CURB STOP TO THE BUILDING.



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ESTIMATED PROJECT SCHEDULE

NYWIIA APPLICATION DUE	September 9 th , 2022
NYWIIA GRANT AWARD (Estimated)	December, 2022
COMMENCE SYSTEM DESIGN	January, 2023
SUBMIT FOR PERMITS	June 2023
ADVERTISE FOR BIDS	August 2023
AWARD CONTRACT(S)	October 2023
COMPLETE CONSTRUCTION	October 2024



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Thank you!



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