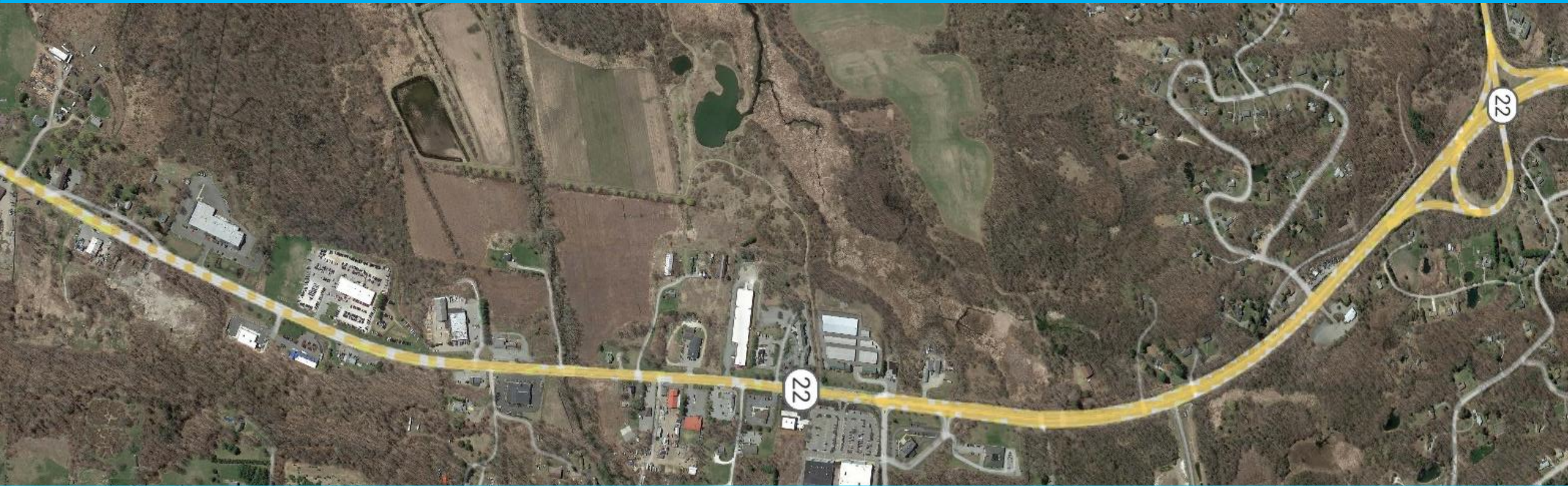


PROPOSED SEWER DISTRICT NO. 4

PUBLIC HEARING— OCTOBER 12, 2022

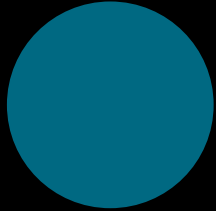


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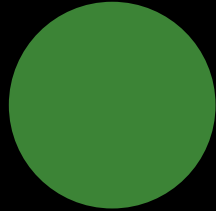


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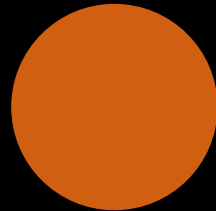
PURPOSE



OUTLINE PROPOSED PROJECT



PROVIDE ESTIMATED ANNUAL COST



ADDRESS QUESTIONS



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DISTRICT FORMATION PROCESS

- PREPARE MAP, PLAN AND REPORT - COMPLETED
- HOLD PUBLIC HEARING ON PROPOSED DISTRICT
- ENVIRONMENTAL REVIEW AND DETERMINATION OF SIGNIFICANCE
- TOWN BOARD ESTABLISHES DISTRICT
(SUBJECT TO PERMISSIVE REFERENDUM)
- NEW YORK STATE COMPTROLLER REVIEW AND APPROVAL



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COLLECTION SYSTEM

EFFLUENT PRESSURE SEWERS



COLLECTION SYSTEM

- EACH PROPERTY WILL HAVE A SEPTIC TANK
 - ✓ EXISTING SEPTIC TANKS WILL BE USED
- SEPTIC TANK EFFLUENT IS PUMPED INTO COLLECTION SYSTEM
- MAIN DIAMETERS VARY FROM 1.5 TO 4 INCHES



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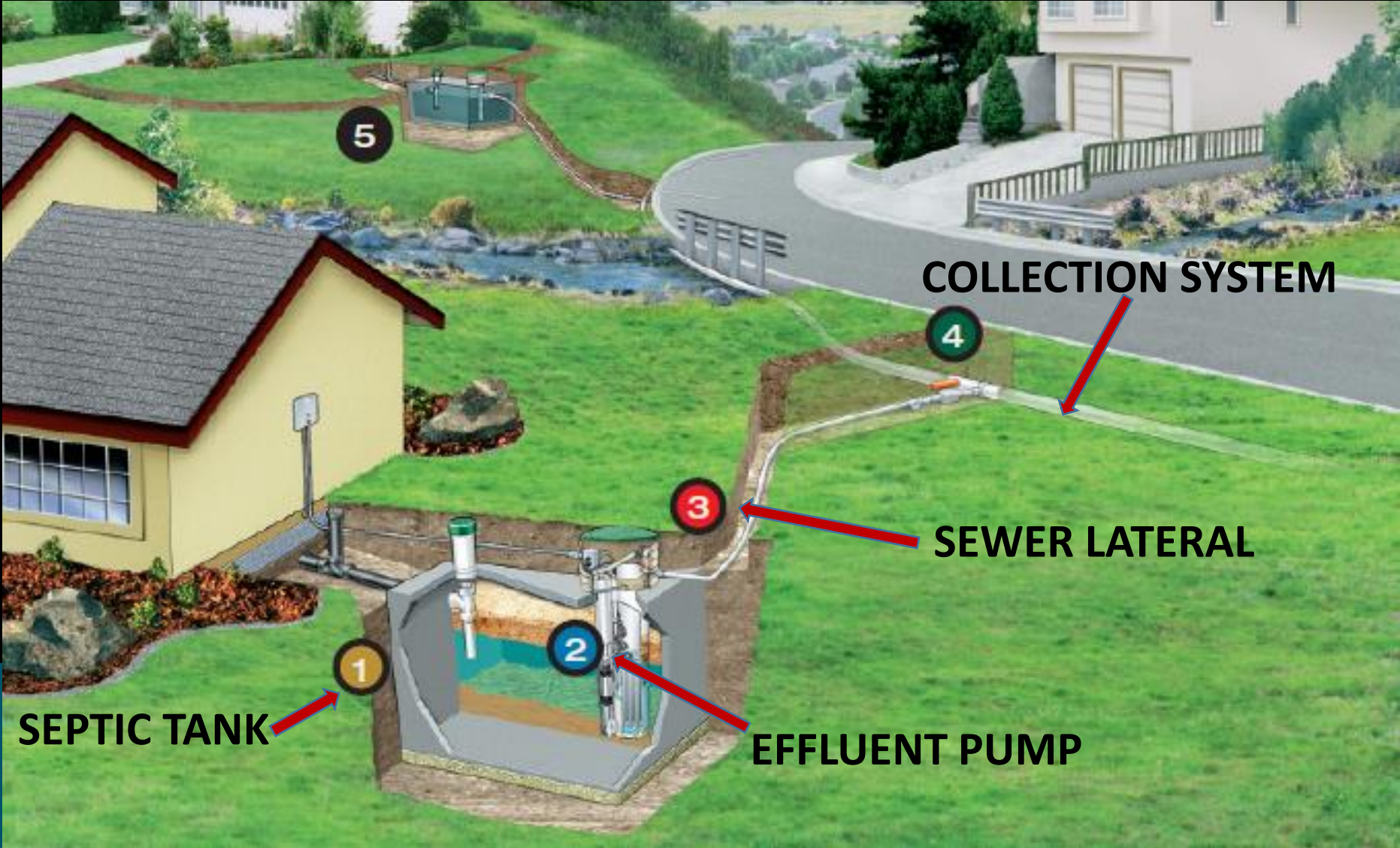


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COLLECTION SYSTEM

EFFLUENT PRESSURE SEWERS



COLLECTION SYSTEM

- BURY DEPTH OF 5 FEET REQUIRED
- SEPTIC TANKS WILL BE MAINTAINED BY THE PAWLING JOINT SEWER COMMISSION



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COLLECTION SYSTEM

ADVANTAGES

- SIGNIFICANTLY LOWER CAPITAL COST
- CAN INSTALL BY TRENCHLESS METHODS
- NOT SUBJECT TO INFILTRATION
- AVOIDS CONSTRUCTION IN GROUND WATER



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COLLECTION SYSTEM

DISADVANTAGES

- PUMP REQUIRED AT EACH PROPERTY



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PROJECT COST

\$2,710,000



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FUNDING

1. No Funding Assistance

- Project is financed with a 30 year loan at 5 percent interest.

2. NYS Water Grant Assistance Only

- Grant in the amount of 25 percent of the total project cost
- Remainder financed with a 30 year loan at 5 percent interest.
- District Formation and Bond Resolution is required to be eligible for these funds.



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FUNDING

The Town is actively seeking additional grant funds to lower the end user costs via Congressional Assistance and Empire State Development Grants.



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BENEFIT BASIS (EDU)

(DEBT SERVICE DISTRIBUTION)

1 EDU =
0.5 EDU =

TYPICAL RESIDENCE (200 GPD)
VACANT PARCEL

TOTAL NO. OF PARCELS

47

TOTAL EDUS

78

VACANT PARCELS

12

PARCELS WITH 1 EDU

26

PARCELS > 1 EDU

9

RATES – ASSUMES NO FUNDING ASSISTANCE

DEBT SERVICE

(30 years @ 5%)

- Benefit Basis (EDU)
- Cost/EDU= \$2,260

CAPITAL RECOVERY CHARGE

(ADJUSTED ANNUALLY)

- Phase I Users = \$68/Quarter (\$272/Year)
- Phase II Users = \$68/Quarter + (Based on use – will vary per user)

OPERATION & MAINTENANCE

(ADJUSTED ANNUALLY)

- Based upon metered water use
- \$10.44/1,000 gallons (EST.)

NO GRANT

PROJECT COST	\$2,710,000
GRANT ASSISTANCE	\$0
AMOUNT TO FINANCE	\$2,710,000
AVERAGE ALL PROPERTIES	\$6,361
AVERAGE OCCUPIED PARCELS	\$8,417
MEDIAN ALL PROPERTIES	\$3,246
MEDIAN OCCUPIED PARCELS	\$3,368
MAXIMUM PARCEL HOTEL & RESTAURANT	\$48,136
MINIMUM PARCEL STORAGE / WAREHOUSE	\$2,600

	NO GRANT	ESD GRANT	NYWIIA	NYWIIA & ESD	CONGRESSIONAL ASSISTANCE
PROJECT COST	\$2,710,000	\$2,710,000	\$2,710,000	\$2,710,000	\$2,710,000
GRANT ASSISTANCE	\$0	\$542,000	\$677,500	\$1,084,000	\$2,000,000
AMOUNT TO FINANCE	\$2,710,000	\$2,168,000	\$2,032,500	\$1,626,000	\$710,000
AVERAGE ALL PROPERTIES	\$6,361	\$5,642	\$5,462	\$4,922	\$3,706
AVERAGE OCCUPIED PARCELS	\$8,417	\$7,487	\$7,255	\$6,557	\$4,986
MEDIAN ALL PROPERTIES	\$3,246	\$2,794	\$2,681	\$2,342	\$1,578
MEDIAN OCCUPIED PARCELS	\$3,368	\$2,916	\$2,803	\$2,464	\$1,700
MAXIMUM PARCEL HOTEL & RESTAURANT	\$48,136	\$43,616	\$42,486	\$39,096	\$31,456
MINIMUM PARCEL STORAGE / WAREHOUSE	\$2,600	\$2,148	\$2,035	\$1,696	\$932

OTHER COSTS

CONNECTION TO SYSTEM

- Service connection brought to property line by project

PROPERTY OWNER RESPONSIBLE TO:

- Extend service lateral to point of connection (Typically 1 ¼ inch PVC)
- Install effluent pump system
- Install collection manhole (If required)
- Electrical cost to operate pump
- Install Water Meter



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PROPOSED SEWER DISTRICT NO. 4

PUBLIC HEARING WILL REMAIN OPEN UNTIL NOVEMBER 2nd.

- MEETING WILL START AT 6:00 PM.
- WRITTEN COMMENT WILL BE ACCEPTED UP TO NOV. 2nd
- ENGINEER WILL BE PRESENT TO ADDRESS QUESTIONS.



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Thank you!



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