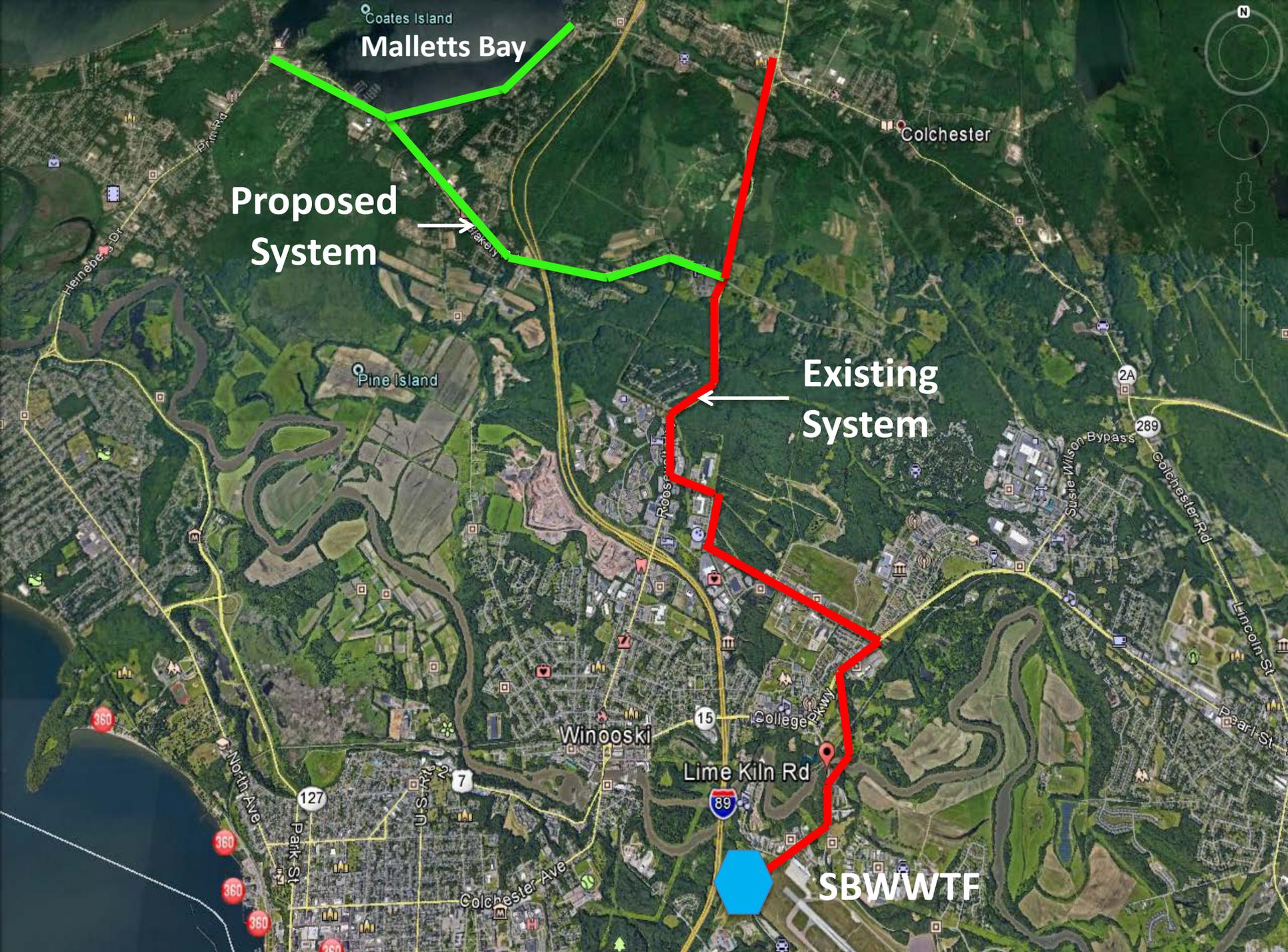




Colchester
VERMONT

Malletts Bay Sewer Project

A Project from the Malletts Bay Initiative



Coates Island
Malletts Bay

Proposed System

Existing System

SBWWTF

Winooski

Colchester

Pine Island

Lime Kiln Rd

North Ave

Colchester Ave

College

Susie Wilson Bypass

289

2A

Lincoln St

Patri St

Colchester Rd

Roos Rd

U.S. St

127

7

15

89

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South Burlington

Airport Parkway

Wastewater Treatment Facility

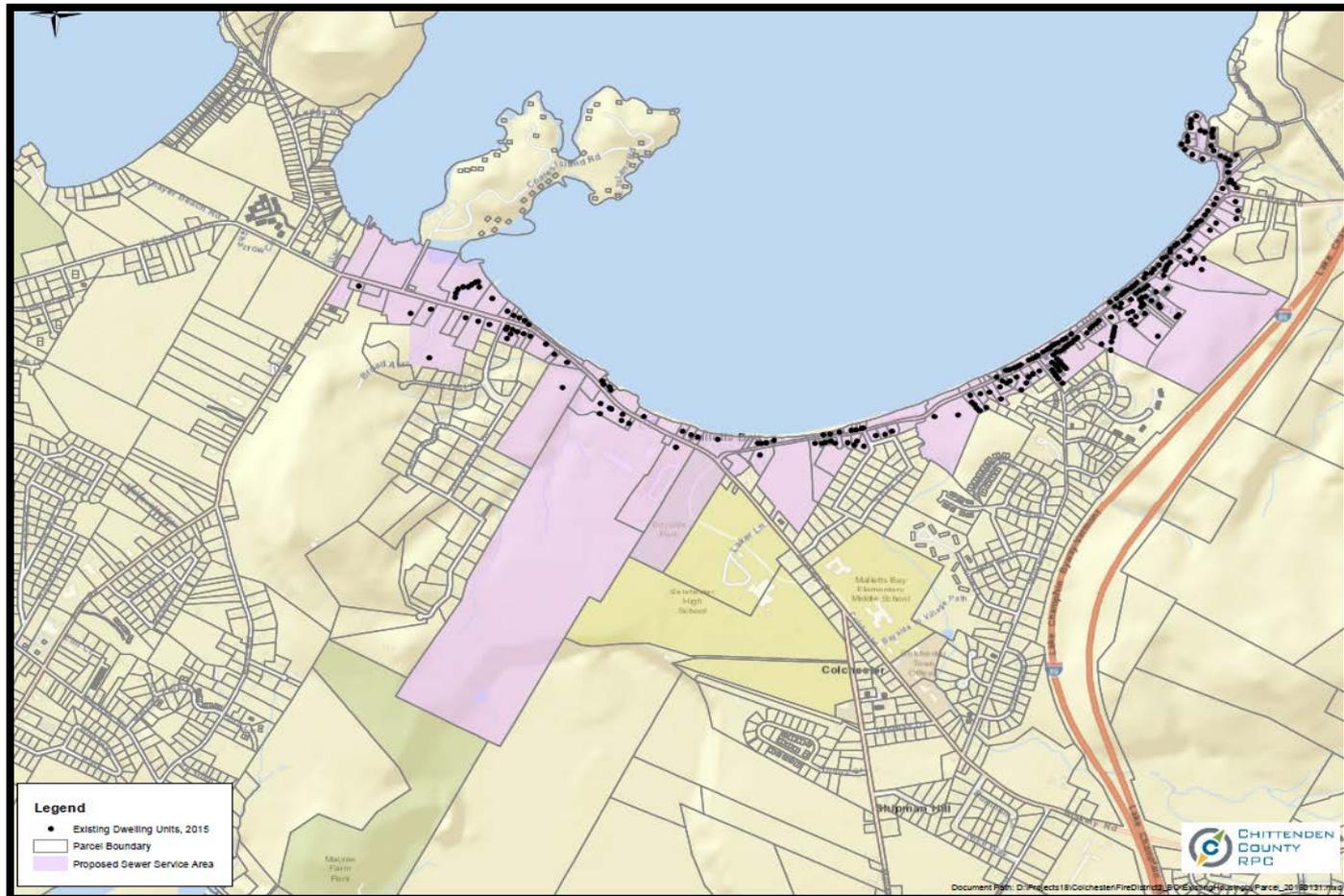


- Town controls significant capacity
- Lowest user fees
- Tertiary Treatment
- Major Upgrade in 2011
- Auxiliary Power
- Continuous automated monitoring and reporting system
- Redundancy within all major components
- No discharges of untreated wastewater
- No upgrades required to meet new Lake Champlain phosphorus requirements



Service Area Addressed

289 Properties





Maintains and Improves Water Quality

The construction of municipal sewers is expected to have a positive effect on water quality.

- Mandatory connections will ensure that all high risk properties are connected.
- Eliminate all future septic system failures in the proposed service area.
- Remove the largest documented source of human waste bacteria from Malletts Bay.
- Construction of sewers in Malletts Bay will have no greater affect on stormwater runoff than any other type of wastewater treatment system.





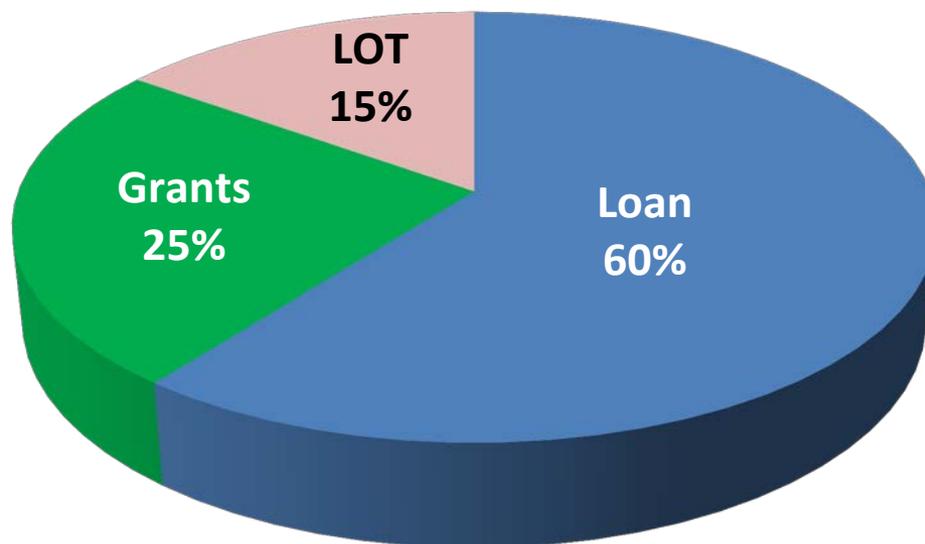
Estimated Cost (Construction, O&M, Debt, & Lifespan)

- Estimated Total Construction Cost: \$14,277,892
(Includes engineering, permitting, land acquisition, legal and fiscal, inspection, contingency, etc.)
- Annual Operation & Maintenance: \$104,982
(Paid by Malletts Bay sewer users)
- Annual Debt (30 years): \$385,400
(Initially 65% paid by LOT, 35% by users with LOT funds repaid by system users)
- Life Span: 50 Years



Potential Funding

(Initial Capital Project Funding)

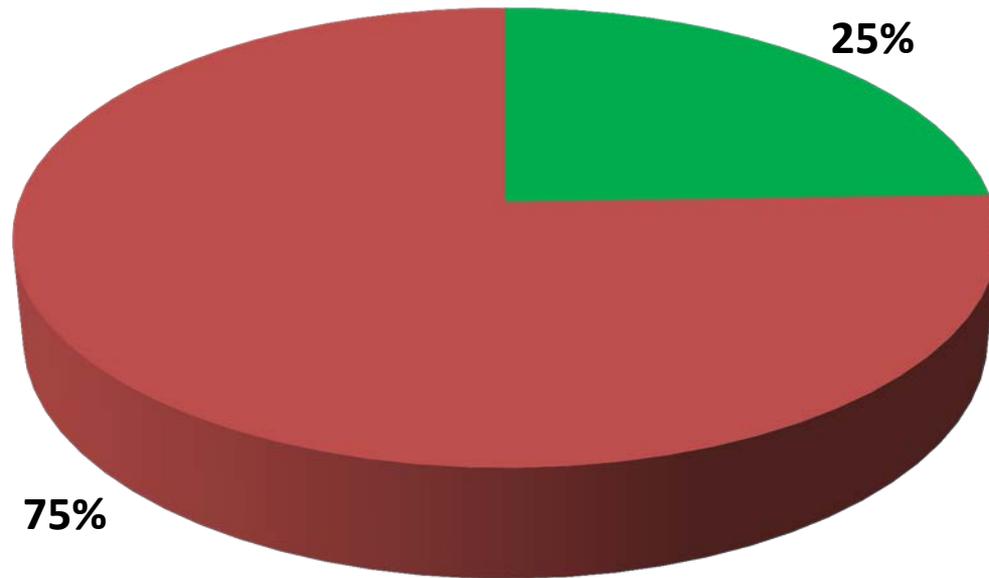


Repayment of the loan may use up to \$250,000 in annual LOT for 30 years.
LOT to be paid back by future sewer fees



Potential Funding

(Final Capital Project Funding
after LOT Repayment)



■ Grants ■ User Fees



Potential Funding

- The project uses no property taxes
- 96% of all properties in Colchester will pay no additional cost for the project.
- The project will use Local Option Taxes
- 87% of Local Option Taxes come from out of Town shoppers
- The users of the sewer system will repay all LOT funds used



Estimated Implementation Timeline

- Final Design - 12 months
- Construction - 24 months

Reliability

Wastewater Treatment Facility



- Major Upgrade in 2011
 - Tertiary Treatment
 - Auxiliary Power
 - Continuous automated monitoring and reporting system
 - Redundancy within all major components
 - Active management by professionally trained wastewater personnel
 - No discharges of untreated wastewater
 - No upgrades required to meet new Lake Champlain phosphorus requirements



Reliability

Wastewater Collection System



- Auxiliary Power/Emergency Storage
- Continuous automated monitoring and reporting system
- Redundancy within all major components
- Active management by professionally trained wastewater personnel



Neighborhood Character and Impact

- Low and slow growth projected for the Bay, with or without sewers.
- High estimate of 1% annually, or about 2 new homes in the service area per year.





Effect on Property Values and Taxes

The construction of municipal sewers is not expected to effect property values and taxes within the proposed service area with the following exceptions;

- Seasonal camps that currently cannot be converted to year round because of the inability to comply with current septic rules will see an increase in property value if a conversion to year round is made.
- Vacant parcels or properties that have the zoning density to be subdivided but cannot because of the inability to comply with current septic rules may also see an increase in property value.

Questions?

Bryan K. Osborne
Director of Public Works
Phone: 802-264-5620
E-mail: bosborne@colchestervt.gov



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