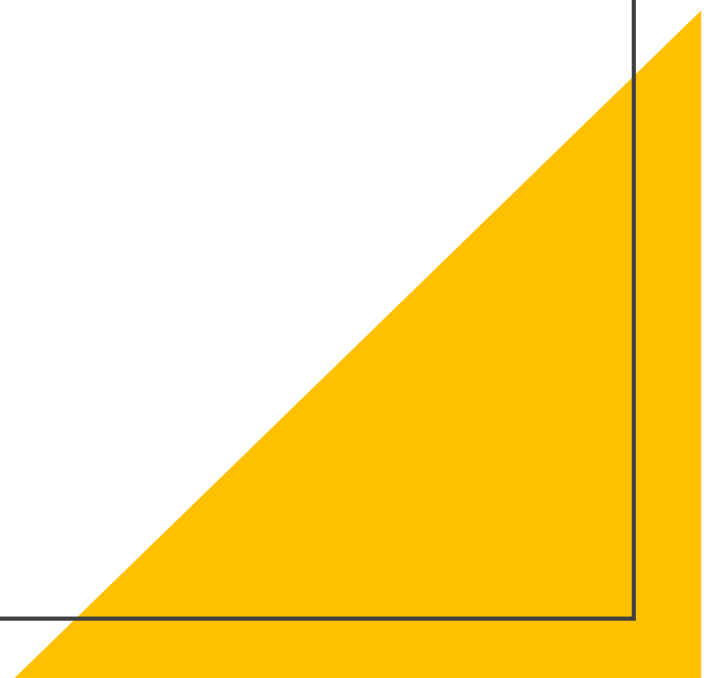


The Webster Sewer Department and fairlife

Impact of the fairlife Production Facility, the Town's
Sewer Project Capital Needs



The New fairlife Production Facility

- 745,000 square foot facility
- Up to 4 production lines
- Will process up to 8 million pounds of milk per day
- Supported by 60,000-80,000 local milking cows daily
- Creates 250 new jobs
- Wastewater impact the equivalent of 9,000 new homes
- Will utilize reserve capacity of the sewer plant



Sewer Department Capital Projects

Asset Renewal Projects

(Required improvements to maintain operations and permit compliance)

Water Pollution Control Facility:

- Headworks
- Aeration System
- Solids Handling
- Primary Clarifiers
- Facility Improvements
- Admin Building Renovation
- Wifi/Security/Fire Protection

Budget Estimate: \$38,200,000

Resource Recovery, Revenue, and Efficiency Projects

(Improvements that maintain permit compliance, plus create savings and generate new revenue)

Water Pollution Control Facility:

- Biosolids and Organic Waste Receiving and Processing Facility

Budget Estimate: \$29,300,000

Capacity Recovery Projects

(Improvements required to recover sewer plant capacity being utilized to process wastewater from fairlife facility)

Water Pollution Control Facility:

- Expansion of Grit Removal System @ Headworks, Primary Clarifiers , and Aeration Basins & Diffusers
- Increased size of most process systems

Budget Estimate: \$14,000,000

Webster Water Pollution Control Facility
Recovery of Capacity Impacts Planned Improvements

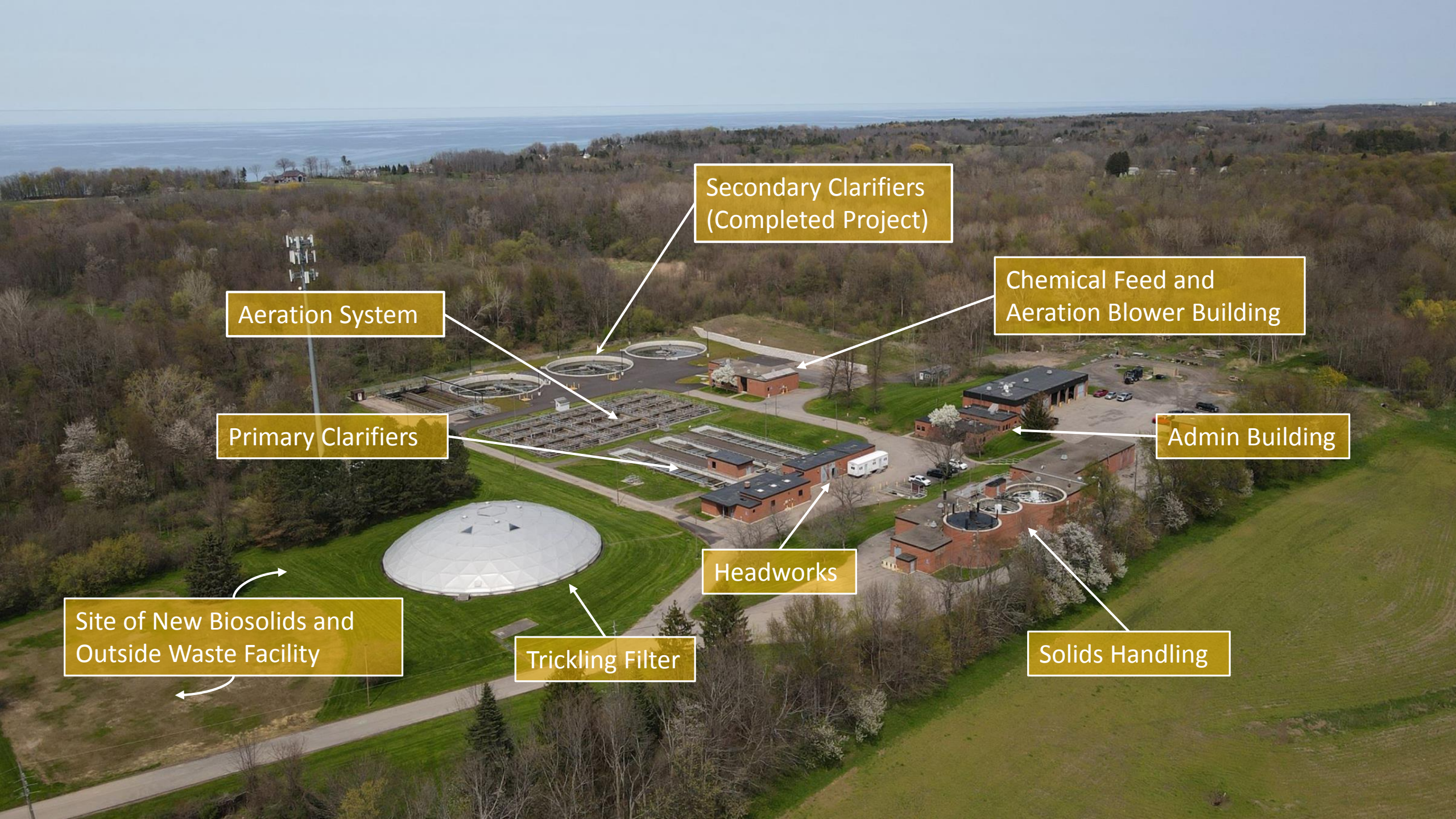
WPCF Improvements unaffected by fairlife

- Administration Building Renovation & Expansion
- Site Preparation - Trickling Filter Demolition
- Headworks Screens & Compactor Replacement
- Primary Clarifiers Retrofit
- Building System Improvements
- HSOW/Leachate Receiving Station and Equalization Tank
- Solids Recuperative Thickening System
- Secondary Digester Improvements
- Truck Scale for Outside Waste Invoicing
- SCADA Control System
- Electric Utility Relocation
- Sitewide Improvements
 - Security
 - Fiberoptic Network
 - Site Lighting
 - Fire Protection
 - Stormwater Management
 - Paving & Parking Improvements

WPCF Improvements needed to recovery capacity

- Expansion of:
 - Grit Removal System @ Headworks
 - Primary Clarifiers
 - Aeration Basins & Diffusers
- Systems that become larger:
 - Electric Service to Chemical/Blower Building
 - Electric Service Switchgear
 - Aeration Blowers
 - Ferric Storage and Chemical Feed System
 - Gravity Thickeners
 - New Primary Digester Tank and System
 - Flare & Gas Collection System
 - Biosolids Dewatering System
 - Biosolids Dryer
 - Dryer Building
 - Dried Product Storage Building





Secondary Clarifiers
(Completed Project)

Chemical Feed and
Aeration Blower Building

Aeration System

Primary Clarifiers

Admin Building

Headworks

Site of New Biosolids and
Outside Waste Facility

Trickling Filter

Solids Handling

What is the Best Approach for the Town?

Do Just the Asset Renewal Projects or Do Everything?

Asset Renewal Projects

Water Pollution Control Facility:

Budget: \$38,200,000

Annual New Revenue/Savings: \$0

Combined Plant Capital Project

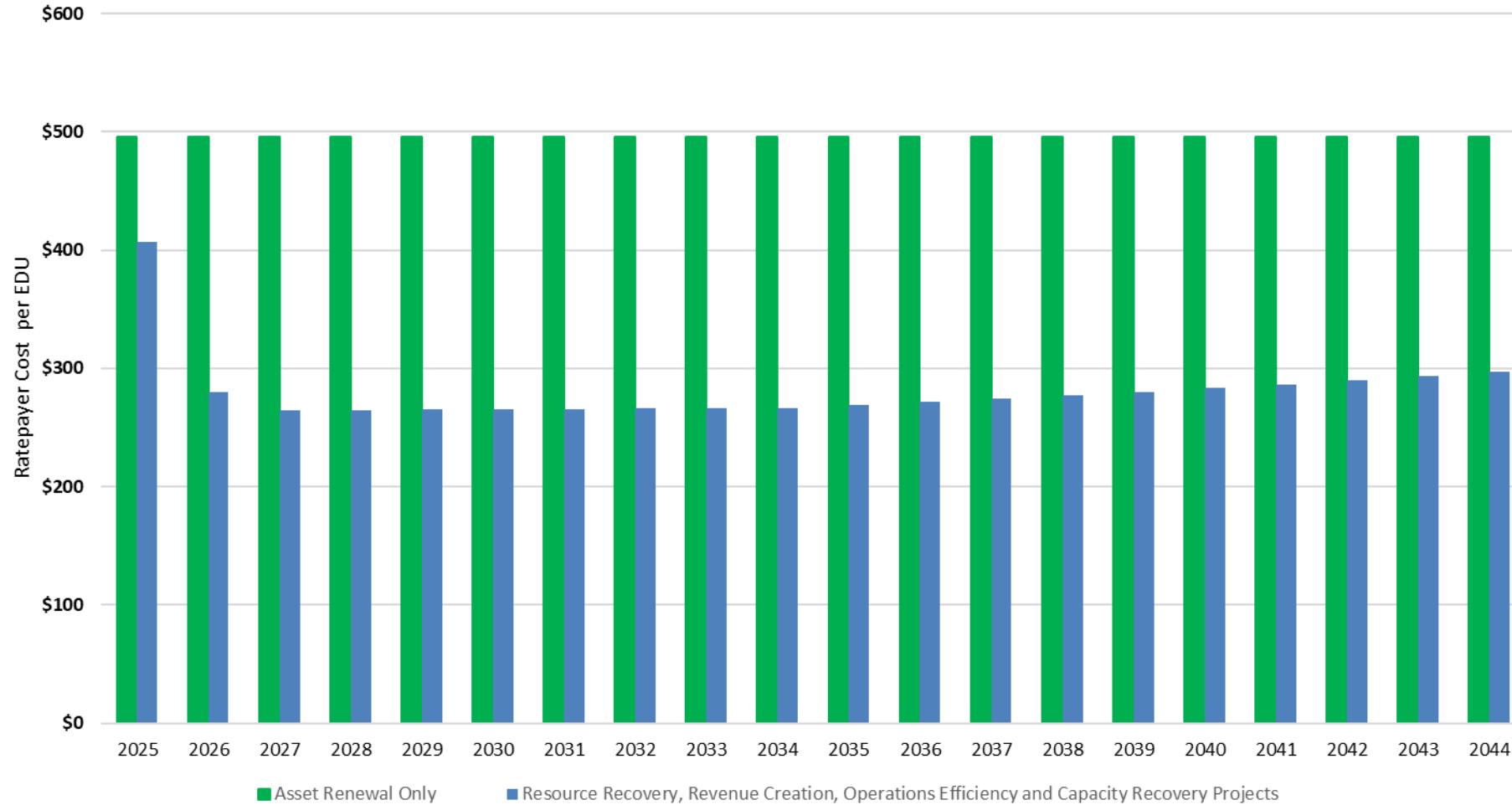
Water Pollution Control Facility:

- Asset Renewal: \$38,200,000
- Resource Recovery: \$29,300,000
- Capacity Recovery: \$14,000,000
- Treatment Plant Total: \$81,500,000

Budget Total: \$81,500,000

Annual New Revenue/Savings: \$6,000,000

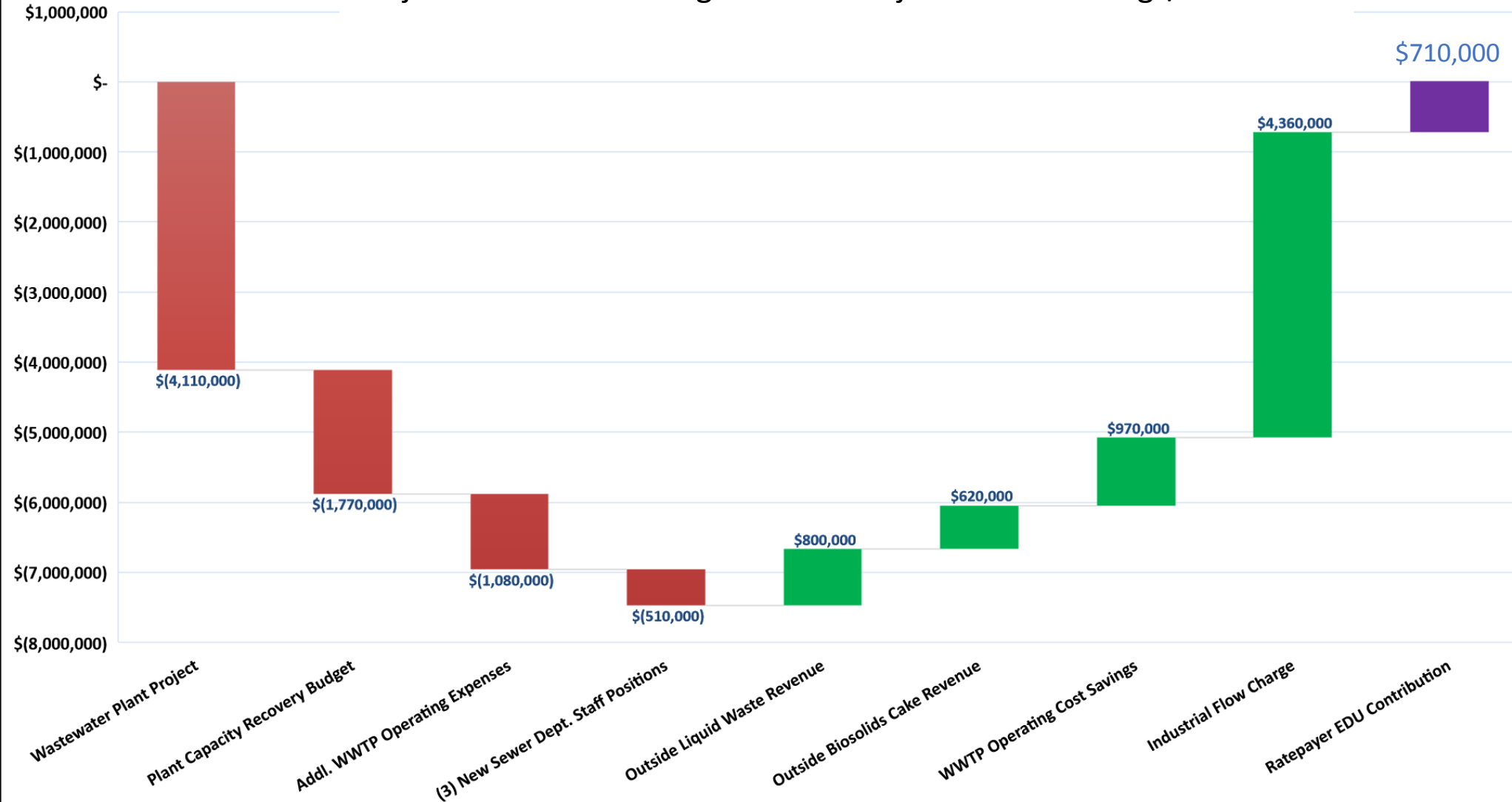
Projection of the per EDU impact of Asset Renewal Projects only vs. a combination of Resource Recovery, Revenue Creation, Operations Efficiency and Capacity Recovery Projects
(Figure includes the 2023 baseline of \$232 per EDU)



Even though the initial capital investment is larger, the annual cost savings and new revenue reduces the overall EDU cost for the Town's Ratepayers.

Note the evaluation does not include the potential impacts of Webster receiving any grant funding. For every \$1,000,000 of grant funds the Town receives, the per EDU impact would reduce by approximately \$4.00.

Projected 30 Year Average Annual Project Cost & Savings/Revenues



Projected Percentage of Debt Service Covered by New Revenue and Cost Savings

2024	2025	2026	2027	2028
0%	51%	93%	94%	95%

