

Westchester
County

George Latimer, County Executive
Vincent F. Kopicki, P.E., Commissioner,
Department of Environmental Facilities

Department of Environmental Facilities

2024 Executive Proposed Budget

Core Programs & Functions

- **The Department of Environmental Facilities is comprised of 3 major divisions:**
- **Sewer Districts (13)**
- **Refuse Disposal District No. 1**
- **Water Districts (1 & 3)**

Core Programs & Functions

The 2024 Environmental Facilities Budget supports the following:

- 7 Wastewater Resource Recovery Facilities; 42 Pumping Stations
- 194 miles of Trunk Sewers and Force mains
- Treatment of 50 billion gallons of wastewater per year
- Process over 16,500 dry metric tons of bio-solids per year
- 4 Solid Waste Transfer Stations; Material Recovery Facility; Household-Material Recovery Facility; Compost and Education Center
- Disposal of over 370,000 Tons per year of Municipally collected Solid Waste at an Energy-From-Waste Facility that produces electricity and steam
- Diversion of over 275,000 tons of materials (organics, paper, plastics, metals, food scraps, textiles, household chemicals, tires, and miscellaneous recyclable materials) from the County's waste stream for recycling
- Supply 10 billion gallons of drinking water per year

Budget Summary – Sewer Districts

ITEM	2023	2024
TOTAL POSITIONS	322	322
Consolidated District Fund		
Personal Service	\$42,800,957	\$45,092,095
Equipment	\$2,004,209	\$1,810,171
Materials & Supplies	\$24,739,398	\$26,799,075
Contractual Expenses	\$22,661,747	\$22,584,729
Inter-Departmental Charges	\$4,060,387	\$4,228,215
Total Consolidated Expenditures	\$96,266,699	\$100,514,285
Direct Taxing District Expenses	\$31,319,739	\$37,232,649
Grand Total Expenditures	\$127,586,438	\$137,746,929

Budget Summary – Sewer Districts

ITEM	2023	2024
Departmental Revenue	\$7,088,773	\$7,182,295
Fund Balance Appropriation	\$0	\$0
Tax Levy - Sewer Districts	\$120,497,665	\$130,564,634
Total Sewer District Revenue	\$127,586,438	\$137,746,929
State & Federal Aid	\$11,000,000	\$10,000,000

Budget Summary – Water Districts

ITEM	2023	2024
Operating Positions	10	10
Trust Positions	0	0
TOTAL POSITIONS	10	10
Personal Service	\$1,424,434	\$1,466,008
Equipment	\$292,411	\$141,819
Materials & Supplies	\$19,442,428	\$19,255,433
Contractual Expenses	\$4,505,845	\$4,517,617
Inter-Departmental Charges	\$531,833	\$625,209
TOTAL EXPENDITURES	\$26,196,950	\$26,006,086

Budget Summary – Water Districts

ITEM	2023	2024
Inter-Departmental Revenue	\$0	\$0
Departmental Revenue	\$20,431,000	\$20,245,851
State & Federal Aid	\$0	\$0
Fund Balance Appropriation	\$1,375,933	\$1,061,612
Tax Levy - Water Districts	\$4,098,623	\$4,698,623
TOTAL REVENUE	\$25,905,556	\$26,006,086

Budget Summary – Refuse District

ITEM	2023	2024
Operating Positions	29	29
Trust Positions	0	0
TOTAL POSITIONS	29	29
Personal Service	\$3,523,064	\$3,620,393
Equipment	\$0	\$0
Materials & Supplies	\$1,158,873	\$1,196,300
Contractual Expenses	\$74,896,567	\$80,235,522
Inter-Departmental Charges	\$2,708,442	\$2,943,754
TOTAL EXPENDITURES	\$82,286,946	\$87,995,969

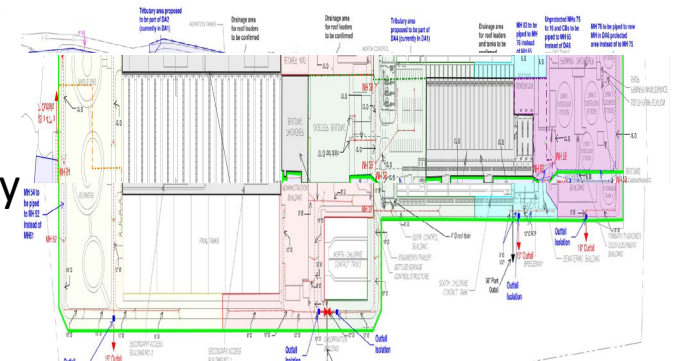
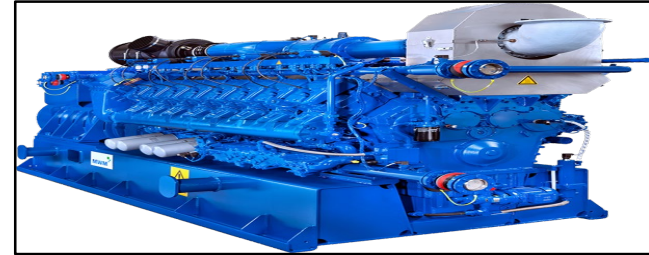
Budget Summary – Refuse District

ITEM	2023	2024
Inter-Departmental Revenue	\$0	\$0
Departmental Revenue	\$20,458,462	\$19,603,403
State & Federal Aid	\$4,360,000	\$1,000,000
Fund Balance Appropriation	\$0	\$6,307,403
Tax Levy - Refuse District	\$57,366,532	\$61,085,163
TOTAL REVENUE	\$82,184,994	\$87,995,969

New Initiatives & Highlights

Water & Wastewater Division

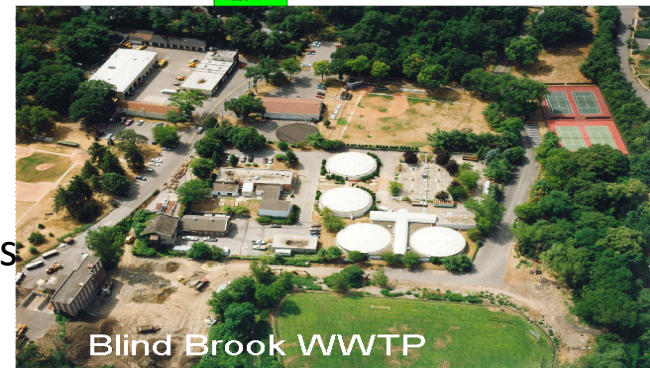
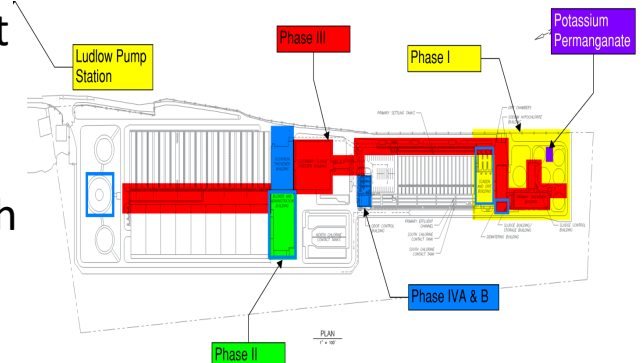
- The Engine Replacement Program at the Yonkers Joint WRRF continues. The work includes the replacement of the engine driven blowers with high efficiency turbo blowers, and replacement of two existing engines with Anaerobic Digester Gas (ADG) engines (currently in fabrication), which will be capable of operating on natural gas and/or digester gas in combination. This project is scheduled to be completed by mid-2025.
- Yonkers-Joint WRRF Flood - In our continuing effort to enhance the resiliency and reliability of the Yonkers-Joint WRRF, DEF is proceeding with the Yonkers-Joint WRRF Flood Mitigation Project with the overall goal to provide flood protection from coastal storm surge for the plant such that critical wastewater treatment operations are protected during storm events and damage to secondary systems is minimized.



New Initiatives & Highlights

Water & Wastewater Division

- Continued odor control improvements at the Yonkers-Joint WRRF through a multi-phased approach aimed at systematically eliminating and/or reducing sources of off-site odors. Currently Phases I, II, & III are complete, with Phase IV in construction, and Phase IVB in design. Through the identification and completion of capital projects, and modifications to the Plant's operating procedures, off-site odor complaints and frequency have been reduced significantly.
- The Blind Brook WRRF total facility upgrade project is scheduled to be completed under a three phase capital improvements project, which when completed will have upgraded the entire facility, including all treatment process equipment and tanks, and the facility electrical and HVAC systems.
- The Alternate Water Supply project will provide Water District No. 1 with an alternate water supply connection at the southern end of the Kensico-Bronx Pipeline by extending the existing drinking water trunk line to Shaft 23 in Yonkers, giving Water District No. 1 a redundant water source, which is needed before the anticipated NYCDEP Catskill Aqueduct shutdown.



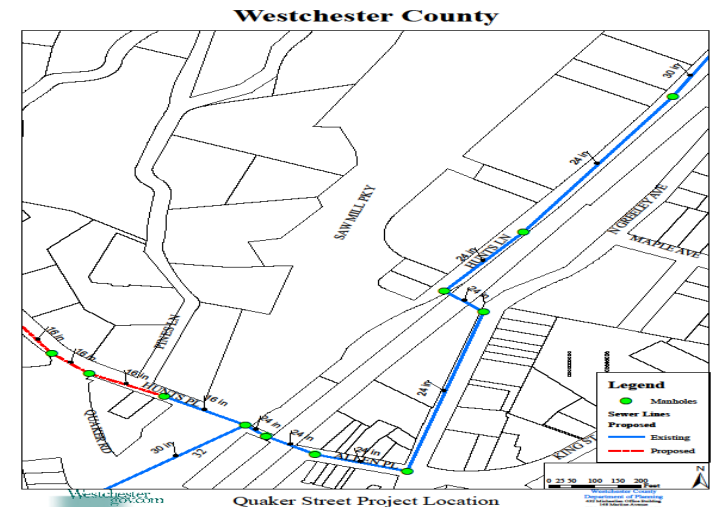
New Initiatives & Highlights

Water & Wastewater Division

- Sewer Line upgrades including:

- The Tarrytown Force Main project will provide for the replacement and/or rehabilitation of approximately 10,500 linear feet of 30" diameter force main and 1,300 linear feet of 30" gravity sewer. The Tarrytown force main carries sewage under pressure approximately 2.75 miles from the Tarrytown Pumping Station in the Village of Tarrytown to a ¼ mile section of gravity sewer that connects to the Saw Mill Trunk Sewer in the Village of Elmsford. This force main has recently experienced multiple breaks.

- The Saw Mill Trunk Sewer Spur Extension located in the Town of New Castle will begin at the existing end of the Saw Mill B-2 Trunk Spur located in Hunt's Lane near the Saw Mill River Parkway, and will be constructed North within Quaker Street for an approximate length of 5,500 LF, and will provide the additional capacity to accommodate increased flows anticipated from new development.









New Initiatives & Highlights







Solid Waste Division
Programs Commenced 2023

Recycling App



-  Released October 2023
-  Includes image recognition technology
-  Helps inform residents on recyclability before purchases to reduce waste
-  Identifies proper recycling methods for waste
-  Available to all residents and visitors
-  Free for municipalities to include local schedules and service changes

Lithium-Ion Battery Recovery Program





-  Joint program with DES and CP
-  Education on safe and proper disposal of lithium-ion batteries
-  Thermal Event Disposal Management
 -  DES Training for FDs to allow after-hours access to H-MRF
 -  Safe, secure storage of batteries involved in thermal events
 -  Reduces or eliminates disposal costs for residents impacted by thermal events



New Initiatives & Highlights




Solid Waste Division
Programs Commenced 2023

PaintCare NY

-  One of the first municipalities in NYS to join
-  Allows for collection of paint at H-MRF and HRDs
-  Connected local municipalities and retailers to program
-  YTD: 198,919 pounds of paint in containers



Single-Use Plastic Legislation








-  Participated in review and editing of the legislation
-  Enforcement entity along with DOH
-  Educational outreach to businesses and residents



New Initiatives & Highlights




Solid Waste Division
Programs Commenced 2023

Source Separation Law Amendments

-  Referred to Committee on September 19, 2023
-  Proposed amendments:
 -  Require co-location of waste & recycling containers
 -  Provide appropriate disposal signage for consumers
 -  Expand Enforcement Program
 -  Expand composting language to clarify backyard food waste composting
 -  Clarify reporting requirements



CompostED

-  Continued work with local municipalities
-  Compost White Plains opened
 -  Local management of food scraps








New Initiatives & Highlights

Solid Waste Division
2024 PROGRAMS BEING EXPLORED

Curbside Textile Collection

 Estimated Start: 1st Quarter 2024

 Available to District Municipalities:

-  Coordinated Collection on Non-MSW or Recycling Days
-  Easy On-Line Sign-up for Residents
-  Municipalities can add Drop-Off Containers, if they like
-  Weights are provided directly to the District
-  Revenue is provided directly to the Municipality



New Initiatives & Highlights

Solid Waste Division
2024 PROGRAMS BEING EXPLORED



Compost Giveaway Event

-  Free bagged compost and educational information for residents

Used Cooking Oil Recycling

-  RFP to be issued for collection at the H-MRF


Mattress Recycling

-  Collection of used mattresses for recycling
-  Stand-alone event or in conjunction with an HRD

Robotics Addition

-  Addition of robotic arm into recycling process

Education Center Refresh

-  Redesign and Refresh of the MRF Education Center

