

HAMLTON TOWNSHIP WATER POLLUTION CONTROL



ANNUAL REPORT 2025

HAMILTON TOWNSHIP
DEPARTMENT OF WATER POLLUTION CONTROL
2025 Annual Report

January 2026

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Hamilton Township

Department of Water Pollution Control

2025 Annual Report

“The ultimate test of man's conscience may be his willingness to sacrifice something today for future generations whose words of thanks will not be heard.”

-Gaylord Nelson

Mission

The primary mission of the Hamilton Township Department of Water Pollution Control (WPC) is to protect the public and the environment by providing high quality wastewater utility service. WPC is dedicated to serving the residents of Hamilton Township, Robbinsville Township and the commercial ratepayers of the WPC service area.

Facilities Overview

The Hamilton Township WPC was initially constructed in the late 1930's and underwent substantial upgrades in 1953, 1968, and 1975. WPC operates a regional wastewater treatment facility and collection system with a New Jersey Pollution Discharge Elimination System (NJPDES) permitted capacity of sixteen (16) million gallons per day (MGD), and a 2025 actual average daily flow of 7.03 MGD. Wastewater treatment plants are also known as water resource recovery facilities. The utility has been in operation for over 80 years and is currently serving over 100,000 residents from three municipalities; namely, Hamilton Township (Mercer County), Robbinsville Township and a few specific facilities in West Windsor Township. The facilities in West Windsor include the Mercer County Community College, the adjacent park facility and related outparcels. The Hamilton Township wastewater collection system includes 350 miles of sewer pipes and 27 pumping stations in its 40-square mile service area. Additionally, there are 23 privately owned and operated pump stations in Hamilton. WPC also provides the licensing, and operational and maintenance responsibilities for the ten (10) Robbinsville Township pump stations. Refer to the Fast Facts on page 5.

The approved Mercer County Wastewater Management Plan (WMP) includes a chapter for Hamilton Township wastewater management. In 2019, Mercer County submitted the updated draft of the WMP to the New Jersey Department of Environmental Protection (NJDEP). WPC's

facilities reside in the Assunpink, Crosswicks and Doctors Creek Watershed. Wastewater cleaned by the treatment plant, also known as effluent, is discharged to the Crosswicks Creek. The plant produces secondary effluent using both trickling filter and rotating biological contactor processes. To reduce volume and thus save money, sludge is thickened, digested and then dewatered using belt filter presses. The sludge cake/grit/screenings are then hauled to the GROWS North Landfill located in Morrisville, Pennsylvania. Hamilton does not have a combined sewer system (CSS), meaning stormwater and wastewater pipes and flow are not combined.

WPC continues to be environmentally proactive by capturing methane to heat digesting sludge, replacing all lighting within the plant to energy efficient lighting and converting mowed lawn to natural vegetation.

Overall Progress

The wastewater industry is an essential service where employees are required to be on-site around the clock to operate and maintain the treatment plant and collection system.

The sewer rate study completed in 2022, concluded among other things, that it could more accurately predict rate increases when the Master Plan is completed. The Wastewater Master Plan will be completed in 2026. WPC infrastructure, operation and maintenance are funded almost entirely by sewer taxes plus a small amount received from connection fees. Hamilton's sewer service rate was increased in 2008 and 2020 and remains among the lowest in the region.

The Master Plan will include not only inspections of our facilities, but it will also provide an estimated cost for each primary upgrade/replacement anticipated to be needed over the next twenty (20) years.

In 2025, WPC continued its efforts toward optimizing plant operations, performing capital improvements and fortifying asset management. WPC followed the recommendations established by the New Jersey Clean Water Council, which included a mandate for sustainable asset management by using the United States Environmental Protection Agency (USEPA) Capacity Assurance, Management, Operations and Maintenance (CMOM) approach to achieve this mandate. WPC continued to comply with the requirements of a long list of local, county, state and federal regulations.

Like the rest of the United States relative to water and wastewater services, WPC faces the issue of an aging workforce and hiring personnel with suitable skills. Hamilton believes strongly in investing in jobs. With this in mind, WPC continues to provide career and annual safety training, foster a great-place-to-work environment, and offer paid internships. The Township

works toward a diversified and inclusive workforce, with training to end harassment and discrimination in the work place.

Also like the rest of the United States, WPC faces aging infrastructure issues. With part of the plant and piping facilities still in operation since their original startup in the late 1930's, it is no wonder certain infrastructure needs to be replaced. While some have been replaced, it is time for some to be replaced again. The replacement or upgrade of aging infrastructure requires substantial money, planned over time, prioritizing our most critical needs first.

Being proactive is the safest and less expensive replacement alternative. While emergency response is sometimes unavoidable, it is much more expensive, carries potential NJDEP fines and does not help instill public trust.

TRAI SR is one of the digitized platforms WPC uses daily to manage and map its assets, in addition to tracking work orders.

WPC infrastructure includes the piping collection system and pump stations, some of it being over 80 years old. Age is only one factor used in prioritizing the need to repair, line or replace a pipe. Meanwhile, WPC continues to inspect, televise and test pipes to verify integrity.

WPC continued efforts to reduce spending where possible. This included improving labor efforts, reducing energy and chemical use when possible, and evaluating methods to reduce paperwork by conducting more work electronically. For the last couple of years, electricity consumption at the treatment plant continued to go down but the cost did not due to the increased electricity rates.

Using the extensive data submitted to the Delaware River Basin Commission (DRBC) in recent years, the DRBC continued to refine their findings and recommendations. The possible tightening of our NJPDES permit appears to pertain primarily to ammonia removal and is based on the dissolved oxygen modeling of the Delaware River, and affordability studies, both by the DRBC. If or when more stringent permit limits are required, user charges and connection fees will be re- evaluated to confirm they include the costs related to the required capital improvements and additional wastewater utility operations and maintenance. This, while discussions about PFAS (per- and polyfluoroalkyl substances) regulations and associated treatment crisscross the country.

In order to comply with environmental regulations, all aspects of WPC plant operations must be continuously monitored. One aspect of this monitoring includes taking wastewater and sludge process samples from critical locations throughout the treatment plant and analyzing them in-house. WPC continued to conduct the required analyses to determine compliance with permit requirements in addition to the daily process bench tests performed 365 days per year. Except

for wastewater bioassays, metals, oil and grease, and sludge analyses, all other wastewater sampling and conventional pollutant analyses are completed at WPC in our state certified laboratory.

For projects within the 208-sewer service development areas, WPC continued to perform development reviews for new applications proposing to connect to the sewer collection system. This year, WPC continued to review many construction projects in the Township for pump station and collection system capacity, estimated wastewater flow and their technical specifications, and if needed, NJDEP Treatment Works Approval submissions.

WPC received and responded to 257 Hamilton Township HamStat Q-Alerts and direct phone calls in 2025. This work included residential and main line sanitary sewer blockages, storm drainage issues, and a few odor concerns.

The Department of WPC is budgeted for 68 employees who are unionized and follow civil service requirements. We continue to improve the skill level of the entire work force with a variety of technical and management training classes. WPC also continued its cross-training program to develop employees' knowledge in many work areas.

WPC work is divided into two primary categories, "inside" and "outside" crews. "Inside" includes the operation and maintenance of the treatment plant. "Outside" includes the operation and maintenance of the pump stations and maintenance of the collection system (jetting, vacuuming and televising).

Safety continued to be a primary goal throughout the entire WPC Department. WPC Safety Committee meetings were invigorated in 2025 and will continue in 2026. Safety meetings were also held periodically with individual groups in order to focus attention on the varying safety issues. In addition, safety suggestions were received from employees in the "safety suggestion box".

WPC continued its award-winning Educational Outreach Program in which environmental scientists from WPC presented a program on Water Pollution and the Environment to various Township schools, and conducted numerous on-site tours to a variety of community groups.

Refer to the Hamilton Township Department of Community Planning and Compliance for stormwater and flood mitigation initiatives and accomplishments. In recent years, Rutgers Cooperative Extension - Water Resources Program has made tremendous strides in developing and implementing solutions to storm water issues facing Hamilton Township.

FAST FACTS for 2025	
Hamilton Households & Commercial Users	30,747 (2025)
Robbinsville Households & Commercial Users	5,094 (2025)
Total Households & Commercial Users	35,841
Hamilton Permitted Industries	5
NJPDES Permitted Plant Capacity	16,000,000 gallons per day
Total Plant Average Daily Flow	7,030,000 gallons per day
Robbinsville: Average Daily Flow	1,384,407 gallons per day
Total Cumulative Flow Treated per Year	2,602,450,000 gallons
Hamilton: Collection System	350 miles of sewer pipe
Hamilton: Pump Stations	27
Hamilton: Manholes	8060
Robbinsville: Collection System	73 miles of sewer pipe
Robbinsville: Pump Stations	10
Robbinsville: Manholes	1,512
For Hamilton WPC:	
WPC Plant Electric Consumption	3,647,389 kilowatts
Pump Stations Electric Consumption	1,054,871 kilowatts
Sludge Cake Disposed	5,036 tons
Grit & Screenings Disposed	93 tons
Acreage of Treatment Plant	35.9 acres
Acreage of Pumping Stations	7.9 acres
Number of Buildings	50
Number of Pumps	288
Number of Valves	974
Number of Motors	495
Number of Heating Systems	21

Wastewater Treatment Plant – Major Projects for 2025

In a continuing effort to maintain the efficiency of treatment operations and improve overall infrastructure condition, WPC has initiated and/or completed the following significant plant improvement projects during 2025:

Replacement of Six Rotating Biological Contactors (RBC's)

The heart of the biological treatment employed at WPC are 48 Rotating Biological Contactors (RBC's). This is a fixed film biological process that employs 100,000 to 150,000 square feet of corrugated plastic, per contactor, mounted to a shaft that rotates within the wastewater stream. The plastic media acts as a surface for the growth of the biological film that treats the wastewater as it flows over the rotating contactors. In April of 2023 a resolution was adopted authorizing the Township to obtain financing through the New Jersey Water Bank (NJWB). A total of six (6) units were installed in 2025 and the project was completed.

RBC Grating Replacement Project

The replacement of the RBC influent channel grating started in 2025 and is anticipated to be complete in early 2026.

Equipment/Vehicle Replacement

The installation of replaced equipment (pumps, variable frequency drives, etc.) and the replacement of vehicles including a front-end loader, forklift, etc., continued in 2025.

Master Plan

Preparation of the Master Plan continued in 2025 with physical condition assessments and an assessment of plant unit processes. With this information, the consultant began the twenty-year horizon Capital Improvement Plan (CIP).

Pump Stations and Collection System – Major Projects for 2025

Efforts this year focused on pump station upgrades, piping repairs, and rehabilitation. In a continuing effort to maintain the efficiency of the pump stations and collection system and improve overall infrastructure condition, WPC has initiated and/or completed the following significant improvement projects during 2025:

Yardville-Groveville Force Main Rehabilitation/Replacement

An engineering evaluation, design, and bid document preparation for rehabilitation or replacement of the remaining portion of the Yardville-Groveville Force Main was awarded in 2024. Plans and specifications are nearing completion, and it is the intent of WPC to be out for public bidding in May of 2026.

Melody Estates and Middleton Drive Pump Station Replacements

In September of 2022 a resolution was adopted authorizing the Township to obtain financing through the New Jersey Water Bank (NJWB) for this project. Engineering design and contract document preparation continued in 2025 for replacement of the Melody Estates and Middleton Drive Pump Stations. It is anticipated that this project will move into the bid phase in early 2026.

Pump Station Emergency Generators

This project consists of the installation of three new and one replacement emergency generators at our Pump Stations. All four new generators became operational between late 2024 and early 2025. This project was completed in April 2025.

Klockner Road Pump Station Rehabilitation

Engineering design, bid document preparation, and contractor bidding was completed for this project in 2024 and was awarded in October 2024. The project scope of work primarily includes wet well and foundation concrete rehabilitation which requires bypass pumping of the station during the concrete work. Portions of the interior of the pump station will also be painted. It is anticipated that this project will be completed in January 2026.

Various Pump Station Wet Well Rehabilitation

In 2024, a concrete condition assessment was conducted at pump stations with concrete wet wells in order to prepare a scope of work for the project. The project was awarded to a consulting engineer for the preparation of bid documents and construction administration. The project will be publicly bid in late January 2026.

Collection System Evaluation

A comprehensive evaluation of the collection system continued in 2025 by a consulting engineer to properly operate, maintain, and accommodate future growth for the next 20 years. This evaluation involves the review of existing data and mapping, rehabilitation work completed and planned, known and suspected sewer capacity issues, and future sewer needs in

both Hamilton and adjoining Townships. It is anticipated that this evaluation will be completed in 2025. The project was completed in 2025.

Sanitary Sewer Rehabilitation

A contract for Cured In Place Pipe (CIPP) lining of approximately one and a half miles of smaller diameter sanitary sewer pipe was designed in 2025 and is anticipated for public bidding in early 2026. A summary of collection system piping projects since 1997 is shown on Page 10.

Asset Management

The TRAISR system, used for asset management and Geographic Information System (GIS) information, service requests, and work orders, continued to be enhanced each year with more data. These data include linking scanned lateral connection information, and completed collection system repairs and rehabilitations (lining/coating). The data collected from the gravity main inspections are directly linked to the TRAISR database which streamlines review and prioritization of necessary rehabilitation and/or repairs.

Routine Maintenance of Sanitary Sewer Lines

Routine maintenance of sanitary sewer lines continued in 2025. This included cleaning of sewer pipes with high velocity water jetting and root and grease cutting as needed.

Inspection and Cleaning of Sanitary Sewer Lines

WPC conducted sewer cleaning and televising inspections using Closed Circuit TV (CCTV) of 421 pipe segments totaling over 86,000 linear feet, or 16 miles, of gravity pipe in 2025. Hamilton Township's jet-vac trucks, jet trucks and a CCTV truck were used to accomplish this.

Underground Infrastructure Repair Projects

WPC was required to make numerous repairs to underground sewer piping and manholes in need of repair. The projects completed in 2025 are shown on page 11.

Sanitary Sewer Connection Permits

A summary of the total number of sanitary sewer connection permits and fees since 2008 is shown on page 11.

Collection System Piping Projects Summary Since 1997

Project Name	Year	Approx. Linear Feet	Diameter of Pipe (in)	Manhole Rehab included?
E. Park Ave Replacement	1998	2,500	48	
W. Park Ave Lining	1998	500	48	
S. Broad St Lining	1999	1,800	24-27	
Route 130 Replacement	2001	800	18	New
Bowhill-Schiller Replacement/Lining	2004	3,750	15-21	
Wilson Ave Replacement	2005	2,575	8	New
Emeline Ave Replacement	2005	370	24	
Arena Dr Replacement	2006	1,930	8	New
Independence-Emeline Lining	2006	3,600	48	
W. Park-Independence Lining	2010	3,000	48	Yes
I-195 Headworks Slip-Lining	2010	350	78-66	
Yardville-Groveville Force Main Lining	2010	4,000	18	
Nottingham Way-Hamilton Ave Lining	2010	6,000	24-36	
Various Lining	2010	5,000	8-24	
North Branch of Pond Run Slip-Lining	2011	5,200	42-36	
Wert Ave Lining	2011	7,400	48	Yes
Bowhill Ave Replacement	2012	1,500	8-12	Yes
Various-Phase I Lining	2013	2,800	8-15	
Various-Phase II Lining	2013	14,000	8-21	Yes
Park Ave Force Main Replacement	2014	2,000	6	
Various-Phase II Lining	2014	28,000	8-21	Yes (184 MHs)
Hamilton Ave Lining	2014	5,000	24-30	Yes
Newkirk Ave Lining	2014	5,000	42	Yes
Cedar Lane Lining	2014	1,000	12	
Church St Lining	2016	600	12	
Various Pipe Lining	2018	25,000	6-15	
Various Pipe Lining	2019	30,000	6-15	
Crestwood Force Main Replacement	2019	600	18	
Yardville-Groveville Force Main Replacement	2020	1,900	6	
Various Pipe Lining	2020	3,250	8-10	
Various Pipe Lining	2024	6,800	8-12	
Sloan Avenue Lining	2025	250	42	Yes
Bordon Avenue Lining	2025	200	12	Yes
Total		176,675		

UNDERGROUND REPAIR PROJECTS COMPLETED IN 2025

Date	Location	Repair Activity
1/13/2025	188 Atlantic Ave	Lateral Replacement
2/24/2025	1278 Chambers St	Lateral Replacement
2/25/2025	109 Norway Ave	Lateral Replacement
3/3/2025	123 Beal St	Lateral Replacement
3/4/2025	122 Beal St	Lateral Replacement
3/7/2025	320 Atlantic Ave	Lateral Replacement
4/3/2025	103 Maple Shade Ave	Lateral Replacement
4/17/2025	1895 Arena Dr	2 Clean Out Installations
4/23/2025	117 Central Ave	Lateral Repair
4/23/2025	100 Maple shade Ave	Clean Out Installation
5/2/2025	2820 South Broad St	Clean Out Installation
5/6/2025	263 Springdale Ave	Lateral Replacement
5/20/2025	556 Miller Ave	Lateral Replacement
6/4/2025	37 Harcourt Dr	Lateral Replacement
6/12/2025	37 Wickom Ave	Lateral Replacement
6/13/2025	42 Wickom Ave	Lateral Replacement
6/16/2025	38 Wickom Ave	Lateral Replacement
7/7/2025	321 Atlantic Ave	Lateral Replacement
7/8/2025	326 Atlantic Ave	Lateral Replacement
7/8/2025	327 Atlantic Ave	Lateral Replacement
7/9/2025	242 Atlantic Ave	Lateral Replacement
7/21/2025	63 Jonathan Dr	Lateral Replacement
8/4/2025	6 Alton Rd	Lateral Replacement
8/18/2025	George Dye/Carl Sanburg Rd	Main Line Repair
8/25/2025	41 McAdoo Ave	Lateral Replacement
10/7/2025	2201 South Olden Ave	Lateral Replacement
12/17/2025	77 Wert Ave	Lateral Replacement
12/18/2025	4315 Nottingham Way	Replaced/Lowered MH Casting

SANITARY SEWER CONNECTION PERMITS				
Year	Commercial		Residential	
	Count	Fees	Count	Fees
2008	52	\$660,504	11	\$27,500
2009	54	\$246,975	32	\$80,000
2010	27	\$171,350	129	\$322,500
2011	85	\$212,500	31	\$77,500
2012	21	\$137,648	78	\$195,000
2013	31	\$266,853	179	\$418,375
2014	34	\$458,184	106	\$265,000
2015	32	\$665,650	97	\$242,500
2016	32	\$393,072	124	\$308,250
2017	37	\$278,811	11	\$51,917
2018	21	\$320,525	99	\$169,500
2019	21	\$282,850	54	\$132,500
2020	21	\$540,525	70	\$191,875
2021	38	\$475,279	74	\$240,303
2022	26	\$269,347	12	\$58,325
2023	25	\$329,274	80	\$185,750
2024	23	\$430,563	54	\$400,225
2025	27	\$271,949	34	\$257,478

Wastewater Treatment Plant – Work Proposed for 2026

Replacement of Eight Rotating Biological Contactors, Phase II

The design for the replacement of eight more RBCs including drives and motors, and electrical system replacement began in 2025. The award for construction is expected this year. Upgrades in the building including air blower replacement, and ventilation improvements will be included in future phases. This is planned to be an NJ IBank Infrastructure Trust low-interest rate funded project.

Sludge Dewatering Improvements

WPC will be working with consultants to prepare a preliminary design report to narrow the project scope prior to soliciting proposals for design and bid documents for the replacement of the existing belt filter presses and associated piping, sludge pumps, and cake conveyance systems.

Master Plan

The Master Plan will be completed in 2026 with compilation of the twenty-year horizon Capital Improvement Plan (CIP) broken into near term (0-10 years), long term (11-20 years), and event driven capital project prioritization. Budgetary cost estimates will be generated and projects will be logically grouped for construction phasing.

1968 Digesters

The digesters are in need of draining and cleaning to remove accumulated grit and rags which accumulate over time. The grit and rags reduce volume and digestive capacity and cause pump clogging issues in the downstream dewatering process. Coincident with the tank cleaning, we will be replacing the four valves that isolate the digester tanks from the downstream pumps and piping. These valves are difficult to operate, rendering pump service challenging, and which require the tanks to be empty to facilitate replacement.

Headworks Bar Screen Replacement

To help in the reduction of rags in the downstream plant processes, a new bar screen is proposed to replace the existing one. Rags aggravate many processes, impeding operation and

increase maintenance needs. The bars in the screen will be closer spaced to capture more rags and debris.

Chemical Tank and Process Pump Replacement

As tank, pump and other equipment reach their useful life, they are evaluated. Several chemical tanks and process pumps are slated for replacement in 2026.

Pump Stations and Collection System – Work Proposed for 2026

Inspection and Cleaning of Sanitary Sewer Lines

WPC will continue its Capacity, Management, Operations and Maintenance (CMOM) efforts to accurately assess the overall condition of the collection system infrastructure through use of zoom and CCTV camera inspections, and from ongoing maintenance activities. This information is linked to the Traisr GIS system, and used to document maintenance activities and prioritize capital projects.

Sanitary Sewer Rehabilitation

As WPC receives data from sanitary sewer inspections that are continuously completed in-house and by contractors, defects within the system are prioritized and put on work-to-be-done lists based on category or type of work. WPC will continue to prioritize and issue contracts as needed for the excavation and repair of mains and laterals, and the rehabilitation of manholes and sanitary sewer piping. In 2026, a contract to rehabilitate approximately one and a half miles of smaller diameter sewer mains via CIPP lining is scheduled to be completed.

Yardville-Groveville Force Main Rehabilitation/Replacement

An engineering evaluation, design and bid documents will be prepared for the rehabilitation or replacement for the remaining portion of the Yardville-Groveville Force Main. The project is anticipated to go out to bid in May 2026 and construction to start in summer of 2026.

Melody Estates and Middleton Drive Pump Station Replacements

It is anticipated that the final engineering design and contract award to replace these two pump stations using funding from the NJWB and is anticipated to be publicly bid in early 2026.

Route 130 Pump Station Upgrades

In 2025 it is anticipated that the engineering design and bid document preparation to upgrade the pumps, piping configuration, and driveway will be completed for this 25 year old pump station. This project is anticipated to go out to bid and construction initiated in fall of 2026.

Various Pump Station Wet Well Rehabilitation

This project is designed and will be publicly bid in early 2026 to rehabilitate the concrete of the wet wells at four different pump stations.

Pump Station Odor System Carbon Replacement

The replacement of odor-absorbing activated carbon at pump stations with odor control system is scheduled to be completed in early 2026.

Regulatory Agency Review

WPC is a highly regulated facility and is subject to oversight by the following regulatory agencies and more.

1. US Environmental Protection Agency (USEPA)
 - Capacity Assurance, Management, Operations & Maintenance (CMOM)
 - Pretreatment
 - Sludge
 - Laboratory Certification
2. NJ Department of Environmental Protection (NJDEP)
 - Water Quality/NJPDES Regulations
 - Surface Water Quality Standards
 - Secondary Treatment Standards
 - Sludge Quality
 - Hazardous Waste
 - Air Quality
 - Lab Certification
 - Bioassay
 - Treatment Works Approvals
 - Underground Storage Tanks
 - Groundwater Monitoring
 - Backflow Preventer Permits
 - Pretreatment
 - Enforcement
 - Wetlands
 - Water Allocation
 - Stormwater
 - Site Remediation and Waste Management
3. NJ Integrated Water Quality Monitoring and Assessment
4. NJ Department of Health - Right to Know
5. NJ Department of Labor- Safety
6. NJ Department of Transportation - Road Opening
7. NJ Board of Public Utilities - One Call
8. Delaware River Basin Commission (DRBC)
9. Mercer County Soil Conservation District
10. Municipal Fire Inspections
11. Statewide Water Quality Management Plan
12. Interstate Environmental Commission
13. Federal Emergency Management Agency (FEMA)
14. Federal Highway Administration - CDL Testing
15. Federal Communications Commission
16. Nuclear Regulatory Commission

Workplace Safety

Because the WPC employees work in an industrial environment, workplace safety is of utmost importance. Proper training as well as the issuance of proper Personal Protection Equipment (PPE) is imperative for the safety of all workers. The operation and maintenance of wastewater treatment plants, pump stations and its associated collection system routinely include potential hazards such as pathogens, chemicals, confined spaces, hazardous atmospheric and environmental conditions, excessive heat, electrical voltage, moving parts, heavy machinery, traffic, and challenging weather.

Annual safety training, including, for example, confined space, forklift and Right-To-Know, is mandatory for all operation, maintenance and collection system personnel in order to review and simulate possible hazards. The identification of potential hazards and the review of the WPC proper safety procedures help in keeping all utility employees safe.

Management continues to regularly stress good safety practices to the plant and collection system supervisors and workers. These discussions facilitate the resolution of pending and previous safety issues and the monitoring of required training. In addition, they encourage an open dialogue between employees and management, as well as aid in lowering worker's compensation injuries. The following are types of safety training provided to WPC employees:

Types of Safety Training

- Personal Protective Equipment
- Right-To-Know /HazCom
- Confined Space Training
- Lock Out/Tag Out
- Arc Flash Safety
- Forklift
- Back Safety and Proper Lifting
- Slips, Trips and Falls Avoidance
- Air Monitoring Equipment
- Self-Contained Breathing Apparatus
- Snow Removal Safety
- Supervisor Training for Commercial Driver's License Holders
- Traffic Safety
- Accident Reporting for Supervisors
- Job Safety Analysis
- Respiratory Fit Testing
- Respiratory Medical Testing
- Blood-Borne Pathogen Training
- Hepatitis Training and Vaccine

Technical Training

Operating the Hamilton Township wastewater utility requires being continuously updated in the knowledge of biology, chemistry, mechanics, computers, regulatory issues, health/safety and human resource issues. Training staff in proper operation and maintenance procedures, as well as compliance with our operating permit, is important to our success in a dynamic environment. Many employees in the department hold wastewater operating and collection system licenses which require that continuing education credits be earned during a three-year cycle. The Township endorses higher training/education for all employees. WPC is committed to providing the required continuing education credits for license holders in order for them to remain current with the NJ Department of Environmental Protection.

WPC encourages employees to undertake online technical training through the California State, University of Sacramento, Water Programs as an option for obtaining NJDEP operator licensing. Personnel organization continued to improve through promotions and out-of-title assignments to fill open positions and temporary work assignments.

WPC also continued to promote training for employees that work within the electrical trade. Courses are also recommended for supervisors and professional engineers. Additionally, WPC offered training in computer software, asset management and Geographic Information System/TRAISR programs.

In 2025, the utility resumed hosting training sessions on safety issues at the plant. WPC also provided individual training sessions via internet webinars which allowed employees to learn without the travel and registration expenses. In addition, WPC continued to reduce costs by using in-house employees and vendors with specific expertise to provide cross-training to employees. The following is a list of training offered during the year:

Training/Seminars in 2025

Month	Course/Title	Trainer	Location
March	Technical Transfer	NJWEA	Eatontown
May	Annual Conference	NJWEA	Eatontown
June	Smith & Loveless Pumps	Product Rep.	East Brunswick
July	Authorized LO/TO Emp.	NJ Safety Services	WPC Plant
July	Mini-Excavator Training	Kaboda Rep	WPC Stockyard
August	Confined Sp.& LO/TO	NJ Safety Services	WPC Plant
September	Distracted Driver Training	JIF	Call Center
September	Respiratory Fit/Haz Aware	Certified Health	WPC Plant

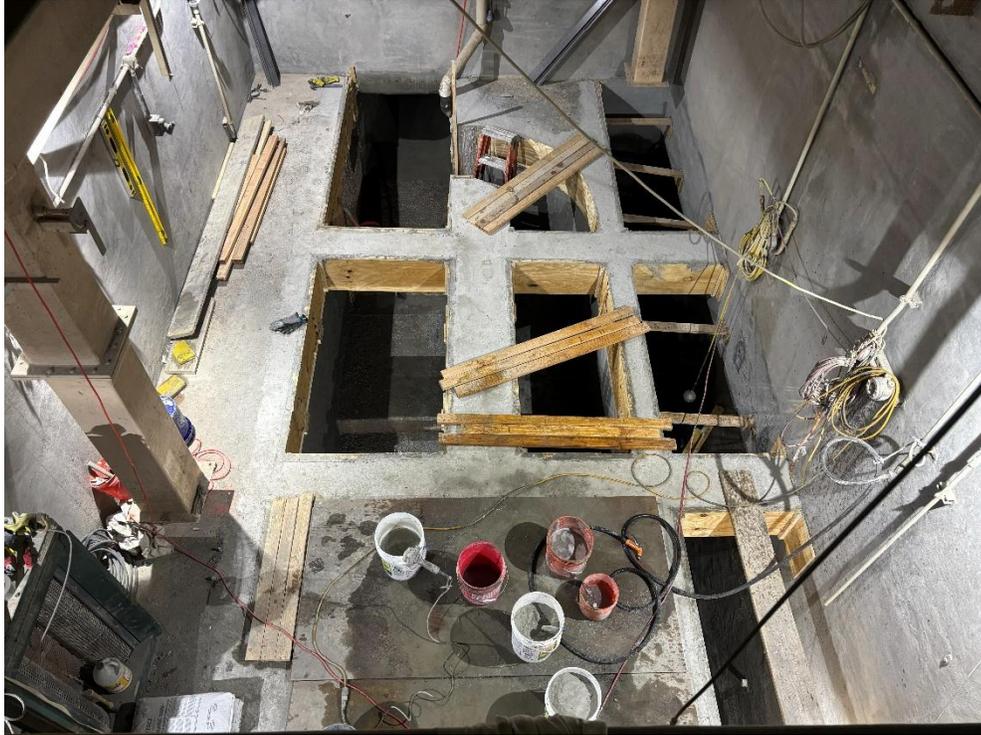
October	Technical Transfer	NJWEA	Eatontown
October	WEFTEC Conf.	WEF	Chicago
November	CDL Training	Public Works	Public Works
November	Discharge Monitoring Rep.	Rutgers	On-Line
November	Annual Conference	AEA	Atlantic City

Educational Outreach

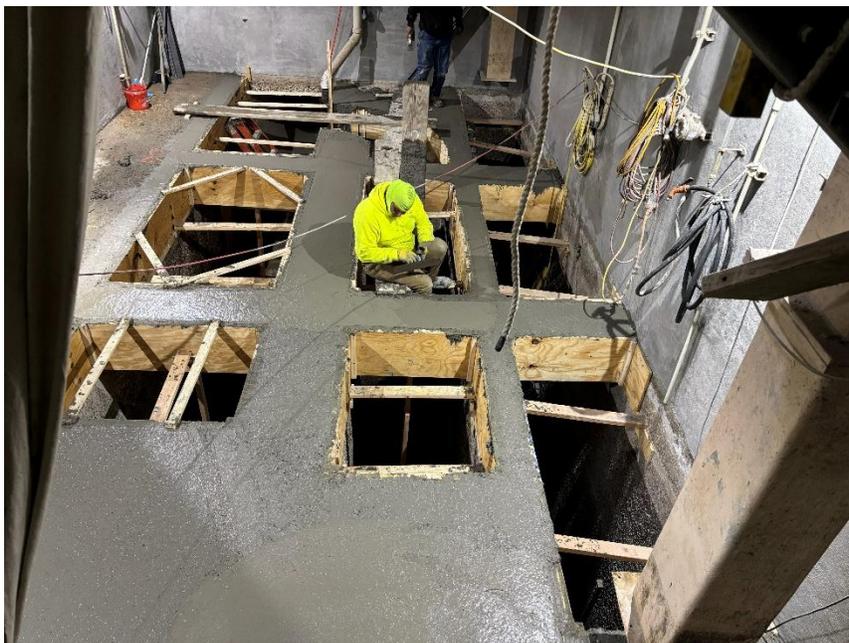
In 2025 and because the schools resumed in-person classes, WPC was able to present its award-winning Educational Outreach Program in which environmental scientists from WPC present a program on Water Pollution and the Environment to elementary, middle and high school students. The program, which consisted of a computer-enhanced multi-media presentation and visual demonstrations, motivated students to participate. By learning how wastewater is formed and treated, as well as how we can all help protect and preserve water quality, the students became an integral part of Hamilton’s environmentally aware community.

In the recent past, WPC conducted numerous on-site tours for a variety of students and/or interest groups including but not limited to:

- Students from the Plumber Apprentice Class at Mercer County Vocational Technical School
- Regional High School Students
- New Jersey Department of Environmental Protection
- Association of Environmental Authorities
- Rider University Hydrology Students
- TCNJ Environmental Biology Students
- Hamilton Township Employees from Different Departments
- Local Fire Departments

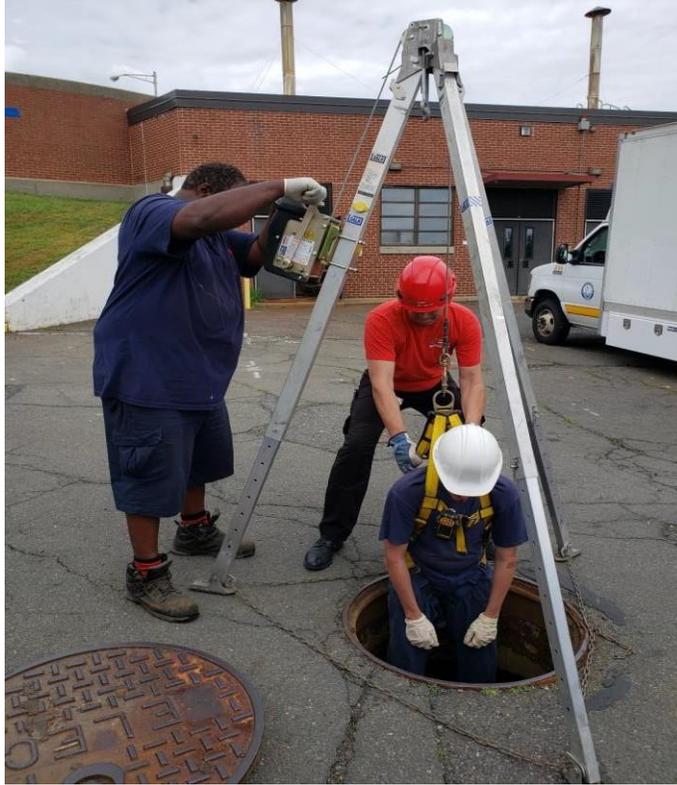


Rehabilitation of severely deteriorated concrete in the Klockner Pump Station wet well.

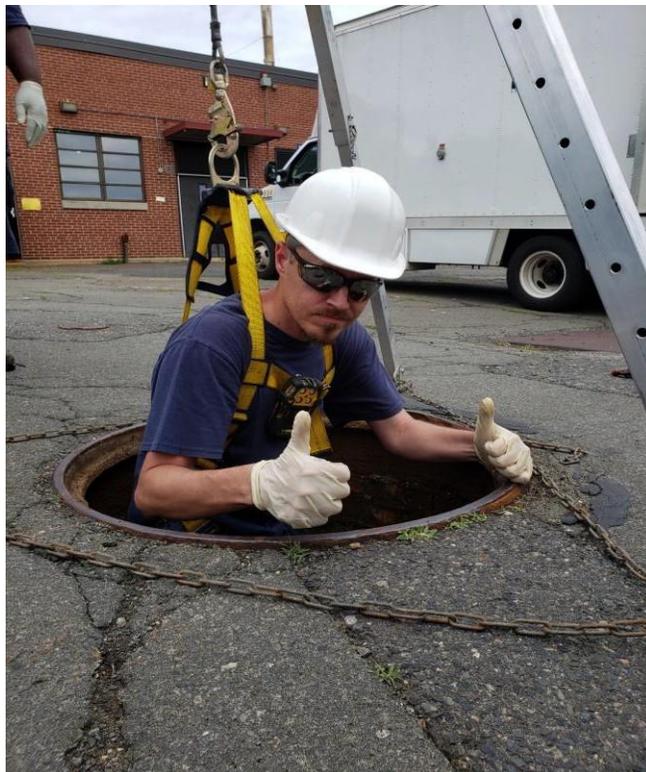




New Elevated Emergency Generator at Whitehead Pump Station.



Hamilton Township WPC employees practicing confined space entry procedures.



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