

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Fourth Quarter 2022
October 1, 2022 through December 31, 2022**

Bayonne – as reported by Veolia

- Rebuilt six (6) catch basins at the following locations:
 - 22nd St. & Ave F SWC on 10/27/22
 - 22nd St & Ave F NEC on 10/27/22
 - Mechanic St. & Ave. F NEC on 10/28/22
 - Mechanic St. & Ave. F NWC on 10/28/22
 - Mechanic St. & Ave. F SWC on 11/2/22
 - 1st St. between Ave. A & Kennedy Blvd. on 11/3/22
- W. 12th Street and Broadway – Installed two (2) manholes and replaced 120 feet of sewer main
- Oak Street Pump Station – Stormwater HVAC System was replaced and placed online in November 2022
- No Green Infrastructure activities were reported for this quarter.

Guttenberg – as reported by Remington & Vernick Engineers (RVE)

- One catch basin and two manholes were repaired
- No Green Infrastructure work was performed in last quarter.
- The Town plans to start its next round of sewer repairs in the second quarter of 2023.

Jersey City – as reported by Jersey City Municipal Utilities Authority (“JCMUA”)

- **Work being performed by Contractors:**
 - JCMUA’s Contractor continues to work on the 6th Street Storm Water Pump Station Chamber.
 - An emergency condition was declared as a leak on the 54” Crosstown Force Main was discovered. MUA working with Consulting Engineer (CME) and Contractors (J. Fletcher Creamer and Waterware) for proper repair.
 - JCMUA’s Contractor (Underground Utilities) is performing an emergency sewer separation on Van Horne Avenue between Johnston Avenue and Lafayette Street.
 - JCMUA’s Contractor performed a sewer separation at 260 & 262 Whiton Street.
 - JCMUA’s Contractor continues to replace sewers on the following streets in accordance with the USEPA Consent Decree
 - York Street between Grove Street & Varick St.
 - 2nd Street between Jersey Avenue & Erie Street.

- Sip Avenue between Corbin Steet & JFK Blvd.
 - Division Street between Newark Avenue & 6th Street.
- JCMUA's Emergency Contractor began a Storm Sewer Separation Project in Country Village (Sycamore Road & Mina Drive – Phase 1).
- JCMUA's Emergency Contractor is installing approximately 1000LF of 12" Sanitary Sewer in Princeton Avenue between Brown Place & Cator Avenue to abandon three (3) common sewers.
- JCMUA's Emergency Contractor (Waterware) performed the following:
 - Replacement of Grit Collector #1 at the East side – Complete
 - Removal of Grit Collector #1 at West side is currently ongoing.
 - Replace Motor on Pump #1 East Side Pump Station
 - 4", 8", and 24" SSR Flap Gates for the 8th Street Sewer Separation Project
 - 8th Street Drainage Swale Drain Valve
 - Supply and installation of Stainless-Steel Access Ladders 2nd Street Regulator
 - Pump Station #1 Pump Motor Rewinding
 - Service Tide Gate 18th Street & Jersey Avenue
 - Repair Bilco Access Doors at Richard Street and Broadway
 - Service Tide Gate and Regulator at Claremont Avenue
 - Service Regulator and Tide Gate at Sip Avenue
 - Debris removal from the Claremont Carteret Interceptor Siphon
 - Installation of Traveling Screen at the East Side Pump Station
 - Vacuum Primer Valves Installations West Side Pump Station
 - Claremont Carteret Tide Gate Repair
 - Exchange Place Outfall Debris Removal
 - Linden Avenue Outfall Pipe Debris Removal
 - Clean four (4) manholes on Bright Street
 - Supply and installation of a 30" Access Frame and Cover at the Danforth Avenue Tide Gate Chamber

- **Work being performed in house:**

- Replacement of manhole rims, covers and re-facing of manholes throughout the collection system.
- Continue rehabilitation of catch basins which includes the replacement of bricks/blocks and re-facing through the collection system.
- Construction of a cleanout on Common Sewer at 171 Baldwin Avenue between Newkirk Avenue and High Street.
- Construction of cleanout at the intersection of Grace and Summit Avenue for access to clean sewer.
- Installation of two (2) catch basins at the foot of Lewis Street just north of the intersection of St. Paul's Avenue and Lewis Street.

North Bergen – as reported by North Bergen Municipal Utilities Authority (“NBMUA”)

- CSO Construction Related Activities
 - 7101 Tonnelle Ave. - 15” storm pipe connecting to existing conveyance system in parking lot
- Green Infrastructure
 - 4807 Aschoff Place – Installed 2 Infiltration Basins with 2 storm laterals
 - 6602 Smith Avenue – Installed 2 Cultec Recharger Underground Retention Systems
 - 1514 71st Street – Underground seepage pit installed

North Bergen (Woodcliff)—as reported by North Bergen Municipal Utilities Authority (“NBMUA”)

- CSO Construction Related Activities
 - There were no CSO constructed related activities reported for this quarter.
- Green Infrastructure
 - 7400 -7404 Broadway – Underground Infiltration System with storm pipes

City of Paterson—as reported by De Block Environmental Services, LLC

Work performed during Third Quarter that was not previously reported:

- Solids and Floatables Control Projects, Outside Consultant
 - The City issued a Request for Proposals for the redesign and permitting of CSO-025A Screening Facility. Proposals were received on May 8, 2018. The contract was awarded for the redesign to Mott McDonald. Design work has commenced, and the City is currently in the process of resolving easement issues.
 - CSO-023 Sewer Separation Project design work was awarded to PS&S. The design is in progress. Coordination with PVSC is moving forward as is the funding application through NJIB.
 - A West Railway Avenue Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030 is in design by PS&S. Additional Information has been received from Passaic County and plans are being finalized. Coordination with the County is moving forward as is the funding application through NJIB.

- 21st Avenue, Market Street to Route 20 Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030, design essentially completed and in funding process with NJIB.
 - In-House Managed Main and Lateral Repair Projects
 - Hamilton Street at DeGrassi Street, (Project Completed).
 - Spot Repair, 15.5 LF of defective 8” sewer main.
 - Park Avenue at Straight Street, (Project Completed).
 - Spot Repair, 4 LF of defective 15” sewer main.
 - Broadway at East 28th Street, (Project Completed).
 - Replace 44 LF of defective 12” storm main.
 - East 15th Street at May Street, (Project Completed). □ Replace defective basin
 - Spruce Street near Grand Streets, (Project Completed).
 - Replace defective basin and 9.5 LF of 18” basin lateral
 - Replacement of 3 manhole frames and covers, raise masonry to grade as required. (Completed)
 - Renewal or replacement of 21 laterals, main to curb with cleanout. (Completed)

Work performed during Fourth Quarter

- Solids and Floatables Control Projects, Outside Consultant
 - The City issued a Request for Proposals for the redesign and permitting of CSO-025A Screening Facility. Proposals were received on May 8, 2018. The contract was awarded for the redesign to Mott McDonald. Design work has commenced, and the City is currently in the process of resolving easement issues.
 - CSO-023 Sewer Separation Project design work was awarded to PS&S. The design is in progress. Coordination with PVSC is moving forward as is the funding application through NJIB.
 - A West Railway Avenue Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030 is in design by PS&S. Plans and specifications are being finalized. The funding application through NJIB is moving forward.

- 21st Avenue, Market Street to Route 20 Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030, design essentially completed and in funding process with NJIB.
 - In-House Managed Main and Lateral Repair Projects
 - Berkshire Ave at the intersection of Crosby Avenue, (Project Completed).
 - Repair damaged manhole invert, reconstruct bench.
 - Broadway & East 23rd Street, (Project In Progress).
 - Construct a new manhole and 24” sewer main to correct grade and line issues that cause frequent sewer blockages.
 - Renewal or replacement of 5 laterals, main to curb with cleanout. (Completed)

Passaic Valley Sewerage Commission (PVSC)

- Contract No. B301 – Miscellaneous Repairs CSO Regulator Chambers within Paterson, Harrison, Kearny, and Newark Project
 - **Received bids and awarded project.**
 - Work to be performed under Contract No. B301 includes the performance of the miscellaneous repairs to the CSO Regulator Chambers within the City of Paterson, the Town of Harrison, the Town of Kearny, the City of Newark, and the Borough of East Newark.
 - In general, the work consists of Concrete Restoration / Coating System Rehabilitation at the following twenty-four (24) CSO Regulator locations:
 - CURTIS PLACE REGULATOR CHAMBER (CSO No. 001)
 - WEST BROADWAY REGULATOR CHAMBER (CSO No. 003)
 - BRIDGE STREET REGULATOR CHAMBER (CSO 005)
 - MONTGOMERY STREET REGULATOR CHAMBER (CSO No. 006)
 - STRAIGHT STREET REGULATOR CHAMBER (CSO 007)
 - WARREN STREET REGULATOR CHAMBER (CSO No. 010)
 - EAST 11TH STREET REGULATOR CHAMBER (CSO No. 013)
 - NORTHWEST STREET REGULATOR CHAMBER (CSO 016)
 - BERGEN STREET REGULATOR CHAMBER (CSO No. 021)
 - SECOND AVENUE REGULATOR CHAMBER (CSO No. 023)
 - STEWART AVENUE REGULATOR CHAMBER (CSO No. 028)
 - NAIRN AVENUE REGULATOR CHAMBER (CSO No. 031)
 - JOHNSTON AVENUE REGULATOR CHAMBER (CSO No. 033)
 - DUKES STREET REGULATOR CHAMBER (CSO No. 037)
 - CENTRAL AVENUE REGULATOR CHAMBER (CSO No. 038)
 - HARRISON AVENUE REGULATOR CHAMBER (CSO No. 041)
 - MIDDLESEX STREET REGULATOR CHAMBER (CSO No. 043)

- BERGEN STREET REGULATOR CHAMBER (CSO No. 044)
- VERONA AVENUE REGULATOR CHAMBER (CSO No. 046)
- FOURTH AVENUE REGULATOR CHAMBER (CSO No. 050)
- POLK STREET REGULATOR CHAMBER (CSO No. 058)
- FREEMAN STREET REGULATOR CHAMBER (CSO No. 059)
- HUDSON STREET REGULATOR CHAMBER (CSO No. 067)
- PASSAIC STREET REGULATOR CHAMBER (CSO No. 076)
- In general, the work consists of frame and cover replacement at the following two (2) CSO Regulator locations:
 - FOURTH AVENUE REGULATOR CHAMBER (CSO No. 050)
 - JACKSON STREET REGULATOR CHAMBER (CSO No. 057)