

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Fourth Quarter 2017
October 1, 2017 through December 31, 2017**

Bayonne – as reported by Suez

- SCADA Upgrades to 5th Street, 22nd and North Street, Avenue J, MOT 1A, 1, 2; installed, programming and alarm activation is complete.
- Capital plan includes new generator for 1st St. pump station. Design currently in process.
- Backflow preventers at each pump station evaluated, tested.
- Portable 100Kw generator for 63rd Street pump station and all associated switch gear is available and ready for use. Awaiting FEMA reimbursement.
- Replacement of 22nd Street bar screen system is underway. Contractor onsite and unit on order.
- Raw pump #2 upper unit installed and operating.

Harrison – as reported by the Township of Harrison

- Two (2) rain gardens were installed at the Harrison Public Library

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

- Work being performed by Contractors:
 - Inspection completed of the 54” Crosstown Forcemain. CME (JCMUA’s Consulting Engineer) is GPR to locate the defective sections of Forcemain on Mallory Avenue and Randolph.
 - Moore Trench has been installing soldier piles around the jacking pit. Installation of well points for dewatering the jacking pit will be installed. Once the dewatering system is installed the installation of the piles to support the jacking pit slab/new manhole.
 - Replacement of 36” brick sewer with 36” Hobas Pipe on Seaview Avenue between Garfield Avenue & Ocean Avenue (Consent Decree).
 - Replacement of 18” clay sewer with 18” PVC pipe on 10th Street between Monmouth Street & Brunswick Street.

- Abandonment of common sewer at 78, 80, 80 ½ & 82 South Street.
- Epoxy coating of the Danforth Avenue Regulator & Diversion Chamber.
- Various upgrades to the East and West Pumping Stations.
- 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 throughout the collection system.
 - Installation of storm sewer on Pierce Street between Congress Street & South Street.
 - Repair of a 24” brick sewer at the intersection of East & Magnolia.
 - Repair of a 8” clay sewer on JFK & Pamrapo Avenue.
 - Repair of 72” brick sewer at the intersection of Clendenny Avenue and Mallory.
 - 464 Pacific Avenue cross connection.

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

- Repaired sewer main and drain at Tonnelle Ave. & 88th Street

Paterson – as reported by the City of Paterson

- Solids and Floatables Control Projects, Outside Consultant:
 - Construction of new CSO-029A Screening Facility, Memorial Drive at Paterson Street (In Progress)
 - Excavation work has been completed.
 - Below grade cast in place structure is complete.
 - Precast diversion tunnels have been completed.
 - Mechanical screening equipment and controls have been received and are presently being installed.

- Project has been delayed by unresolved utility conflicts. Engineer is addressing possible change orders.
- In-House Managed Main and Lateral Repair Projects
 - Renewal or replacement of 4 service laterals. (Completed)
 - Linwood Avenue at the intersection of Union Avenue
 - Replaced 49 LF of defective 18” sewer main.
 - Replaced 15 LF of defective 15” basin lateral.
 - 16th Avenue from Straight Street to Madison Avenue, project is as follows:
 - Epoxy coating of manholes is scheduled for completion by December 1st. (Completed)
 - Eagle Avenue at Knickerbocker Avenue
 - Excavate and spot repair of manhole and approaching inlet piping followed by full manhole rehabilitation from the interior including epoxy coating.
 - Carbon Street between North 9th Street & Burhans Avenue
 - Replace collapsed manhole and reinstate approach piping, renew a collapsed lateral and install a cleanout
 - Presidential Blvd. between Piercy Street and Hudson Street
 - Spot repair of 12 LF of 8” collapsed main
 - East 19th Street between Market Street and Park Avenue. (Completed)
 - Replace 815 LF of 15” sewer main
 - East 24th Street between 18th Avenue and 19th Avenue
 - Spot repairs of defective main, repair or replacement of defective manholes and repair or replacement of 25 concrete laterals, including 17 cleanouts, in preparation for CIPP lining of approximately 600 LF of 12" concrete sewer main. (Completed).
 - CIPP scheduled for 2018.

- East 38th St. between Market Street and 21st Avenue
 - Replace 97 LF of defective 15” sewer main.
 - Renew two service laterals
- Park Avenue at the Intersection of East 21st Street
 - Replacement of collapsed mainline tee and lateral
- Straight Street between Park Avenue and Essex Street, spot repairs and renewal or replacement service laterals in advance of installation of approximately 800 LF of 12” & 18” CIPP. (In Progress, project will be completed in Spring)
- CSO-027 Outfall (PVSC Market Street Regulating Chamber – Passaic River) – Rehabilitate 325 L.F. of defective 80” outfall sewer by means of slip lining. (In Progress)
- In-House Managed Projects, Other;
 - Rehabilitation of CSO-016 Mechanical Screening System in design. (In Progress)