

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Third Quarter 2017
July 1, 2017 through September 30, 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 ongoing.
- Capital plan includes new generator for 1st St. pump station. Design currently in process..
- Outfall tide flex gate for DSN 024, installed in August.
- 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. Applying for FEMA reimbursement.
- Replacement of 22nd Street bar screen system out for bid. Contract to be awarded and construction to begin in October.
- Cleaning maintenance performed on wet well areas at Avenue J pump station.
- Raw pump #2 upper unit going through pre installation diagnostics, then system replacement. Wear ring on #3 pump replaced and unit is in service.
- Project completion follow up on repaired floats, transducer and monitor at 1st Street pump station.
- Repaired water leak at 22nd Street pump station.
- Repaired seal water leak at Oak Street pump station. Purchase new pumps for sump areas.

Harrison – as reported by the Township of Harrison

- Dey Street Sewer Separation was completed.

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

- Replaced 15 Linear Feet of 12 inch Ductile Iron pipe at 51st & Columbia
- Catch basin repair at 5801 Westside Avenue
- Repaired catch basin and manhole at 1515 72nd Street and 72nd Street at Newkirk Avenue
- Replaced storm and sanitary sewer at 7911 Bergenline Avenue
- Replaced sanitary sewers at the following locations:
 - Bergenline Avenue and 79th Street
 - Bergenline Avenue and 73rd Street
 - Bergenline Avenue and 74th 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.
- In-House Managed Main and Lateral Repair Projects
 - Renewal or replacement of 11 service laterals. (Completed)
 - Installation of approximately 120 LF of 12” stormwater main to relieve a drainage issue at 129 Temple Street (Completed)
 - 23rd Avenue between East 24th and East 25th Street, replacement of 204 LF of defective 8” sewer main. (Completed)
 - Paterson Avenue between Union Avenue and James Street, replacement of 250 LF of defective 12” sewer main. (Completed)
 - 16th Avenue from Straight Street to Madison Avenue, project is as follows:
 - CIPP lining of approximately 2677 LF of mainline sewer. (Completed)
 - Repairs to existing manholes. (Completed)

- Epoxy coating of manholes is scheduled for completion by December 1st. (In Progress)
 - East 12th Street between 5th Avenue and Dead End, replacement of 406 LF of defective 12” sewer main. (In Progress)
 - East 24th Street between 18th Avenue and 19th Avenue, spot repairs and renewal or replacement service laterals in advance of installation of approximately 642 LF of 12” CIPP. (In Progress)
 - 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)
 - 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)