

**Combined Sewer Overflow (CSO) Construction Related Activities  
Reported to PVSC for the First Quarter 2018  
January 1, 2018 through March 31, 2018**

**Bayonne – as reported by Suez**

- SCADA Upgrades to 22nd and North Street stations are being installed and/or re-programmed.
- Contract to rehabilitate and clean 21 manholes and 1,875 feet of sewer was awarded to National Water Main. Work began in March.
- Rebuilt catch basins at the follow locations:
  - North Street
  - 120 Avenue C
  - 37 East 16<sup>th</sup> Street
  - 949 Broadway
  - 529 Avenue A
- Bar Screen at the 22<sup>nd</sup> Street pump Station has been removed and was replaced with a new Duperon unit. The equipment is in operation.

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

- Work being performed by Contractors:
  - Replacement of approximately 100 L.F. of 15-inch sewer on Erie Street between 1<sup>st</sup> & 2<sup>nd</sup> Street.
  - Spinello has successfully jacked & bored 180 L.F. of 72” cassion pipe beneath the Conrail tracks to reinstate the JCMUA’s 54” Pine Street combined sewer.
  - Fleet (between Central & Oakland) – **Relining Project**
  - Union St. (MLK & Sackett) – **Relining Project**
  - Woodlawn Ave (MLK to Bergen) – **Relining Project**
  - Old Bergen (Cator to McAdoo) – **Relining Project**
  - Van Cleef St (Armstrong to Woodlawn) – **Relining Project**
  - Seaview (Ocean to Old Bergen) – **Relining Project**
  - Garfield (between Fulton& Dwight) – **Relining Project**
  - 1<sup>st</sup> (between Manilla & Erie) – **Relining Project**
  - Oakland Ave (between St Pauls to Hopkins) – **Relining Project**
  - Hutton (through Hancock Ave) – **Relining Project**
  - Hutton (to New York Ave) – **Relining Project**
  - New York Ave (through Bowers) – **Relining Project**

Cornelison (Ivy to Westervelt) – **Relining Project**  
Mercer (Baldwin to Gray to Mill) – **Relining Project**  
Academy (between Baldwin & Summit) – **Relining Project**  
JFK (Spruce between Carlton) – **Relining Project**  
New York Ave (Hutton) – **Relining Project**

Irving between Nelson & JFK – **Open Cut**  
North between Nelson & JFL – **Open Cut**  
Mercer between Barrow & Grove – **Open Cut**  
Seaview Ave between Garfield & Ocean – **Open Cut**  
Cornelison between Fairmount & Mary Ward – **Open Cut**  
Wayne between Gray & Mill – **Open Cut**

- JCMUA’s emergency contractor replaced approximately 100 L.F. of 15-inch sewer on Erie Street between 1<sup>st</sup> & 2<sup>nd</sup> Street.
- Continue upgrades to the JCMUA’s East and West Side Pump Stations.
- Contractor still has work to complete on the JCMUA’s East and West Side Backup Generator Project.
- Contractor replaced approximately 100 L.F. of clay sewer with ductile iron that was traverses though the property.
- 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.
  - Replacement of approximately 10 L.F. of 8” sewer on Front St.
  - Replacement of approximately 20 L.F. of 36” sewer at the intersection of Clendenny Ave & Mallory Ave.
  - Replacement of approximately 2- L.F. of 15” catch basin lateral at the intersection of Kensington Ave & Mallory Ave. Spot repair of a 24” brick sewer at 36 Pearsall Ave.
  - Replacement of approximately 10 feet of 15-inch sewer at 105-105 Ocean Ave.
  - Installation of a cleanout for access purposes at 216 Garfield Ave.

- Installation of approximately 15 ft. of 15-inch PVC sewer at the intersection of Cueno Place & Palisades Ave.
- Replacement of a manhole at the intersection of Woodlawn Ave & Rose Ave.
- Replacement of approximately 20 L.F. 18-inch sewer on Clarke St between Westside Ave & Wade St.

**Newark – as reported by the City of Newark**

- Small Sewer Evaluation and Rehabilitation
  - Comprehensive structural evaluation and rehabilitation of 350 miles of small, combined, storm and sanitary sewers 22-inch or less in diameter.
- CSO Solids/Floatables Control Measures – Netting Facilities at Delavan Avenue, Fourth Avenue and Roanoke Avenue
  - Construction of permanent CSO control netting facilities (to be installed underground) at three (3) sites.
- Queen Ditch Restoration
  - Queen Ditch had been filled in and was blocking overflow during storm events causing significant flooding. Newark is reactivating Queen Ditch by dredging the ditch to original levels, constructing a netting facility and installing a box culver to convey overflow.

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

- Removed and replaced frame and cover at 4306 West Side Avenue

**City of Paterson:**

- Solids and Floatables Control Projects, Outside Consultant
  - The City has issued an Request for Proposals for the redesign and permitting of CSO-025A Screening Facility. Proposals are due on May 8, 2018.
  - 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, except inlet tunnel that requires modifications to accommodate conflicting utilities.
    - Mechanical screening equipment and controls have been received and are presently being installed.

- Project is progressing but has been slowed by utility conflicts and contaminated soils. Engineer is addressing a proposed change order to resolve the utility conflicts to move the project to completion.
- In-House Managed Main and Lateral Repair Projects
  - Renewal or replacement of 4 service laterals. (Completed)
  - Linwood Avenue between Union Avenue and Molly Ann's Brook (In Progress)
    - Spot repairs of 890 LF of 15" sewer main in advance of CIPP lining.
  - Broadway between Curtis Place and West Broadway (In Progress)
    - Replaced 12 LF of defective 8", 10" & 12" sewer main.
    - Replaced 2 defective manholes.
  - River Street between 3rd and 4th Avenues (Completed)
    - Replaced 668 LF of defective 15" sewer main.
    - Replaced 7.5 LF of defective 8" sewer main.
    - Replaced 4 defective manholes.
    - Replaced 33 LF of defective 8" basin lateral.
    - Replaced 20 LF of defective 6" service laterals.
    - Replaced one collapsed stormwater inlet.
  - Prince Street between Slater Street and Green Street (In Progress)
    - Began replacement of 208 LF of defective 18" sewer main.
    - Three (3) defective manholes.
    - Prepped for CIPP lining of 190 LF of defective 18" sewer main for CIPP. Scheduled for 2nd quarter.
  - Cumberland Avenue, between Union Avenue and Totowa Border (In Progress)
    - Replaced approximately 2360 LF of defective 8" and 10" sewer main.
  - 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 restart in April)
  - 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)
  - Repairs to the V1-4 and V1-7 Internal Regulators and Screening Facilities (In Progress)