

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Second Quarter 2018
April 1, 2018 through June 30, 2018**

Passaic Valley Sewerage Commission

Contract No. B091A – Miscellaneous Tidegate Replacement within Paterson, Newark, and Clifton was awarded in May 2018.

Bayonne – as reported by Suez

- Replaced 10 feet of 12-inch sewer main on Avenue F and 23rd St on May 24th
- Replaced approximately 28 feet of 12-inch sewer main on 67 W 26th St on June 1st
- Replaced sewer main on 84 E 23rd Street on June 28th
- Rebuilt thirteen (13) catch basins at the following locations:
 - 475 Avenue E
 - 317 Avenue C
 - 24 East 4th Street
 - East 5th Street and Hobart Ave intersection
 - 257 Avenue A
 - 232 Avenue F
 - 41 Avenue C
 - 274 Avenue F
 - 22nd St and Avenue A
 - IMTT at 5th Street Connection
 - 184 Broadway
 - 171 Broadway
 - Hook Road and Avenue J intersection
- Contract to rehabilitate and clean 21 manholes and 1,875 feet of sewer was awarded to National Water Main.

East Newark – as reported by East Newark

- Catch basin repairs were made at the following locations:
 - C20 – SE corner of N. Second Street & Central Avenue
 - C25 – SE corner of N. Third Street & Central Avenue

Harrison – as reported by Harrison

- Catch basin repairs and/or replacements were made at the following locations:
 - Hamilton Street & 2nd Street (NW)
 - 538 Cross Street
 - Hamilton Street & Kingsland Avenue (NE)

- Service Road 200 block Sussex Street
- 3rd Street & Jersey Street
- Harrison Avenue & Davis Avenue
- Harrison Avenue & 5th Street (SW)
- 3rd Street & Harrison Avenue (SE corner)
- 6th Street & Essex Street (SE)
- Grant Avenue & Reynolds Avenue
- Harrison Avenue & 5th Street (NW corner)

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

- Work being performed by Contractors:
 - Replacement of #2 Ball Valve at the East Side Plant.
 - Replacement of the Horizontal and Vertical Beams at the Fisk Street Netting Facility.
 - JCMUA’s emergency contractor replaced approximately 120 L.F. of 24-inch sewer on Monitor between Maple & Johnston.
 - 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 relined approximately 100 L.F. of clay sewer that was traverses though the property on Liberty & Terrace.
 - See attached spreadsheet of the sewers being rehabilitated as part of Phase 3&4 of the Consent Decree.
- 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 100 L.F. of 18” sewer on Beach Street between Liberty & Kennedy Blvd.
 - Replacement of approximately 20 L.F. of 36” sewer on Pearsall Avenue between Garfield & Princeton.

- Replacement of approximately 36 L.F. of 18-inch sewer at 3rd & Jersey.
- Replacement of 12 L.F. of 24" sewer on Jersey Avenue between Bright & Grand Street.

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”)

- Catch basin repairs were made at the following locations:
 - 64th & Granton Avenue
 - 4600 Dell Avenue
 - 6300 Meadowview Place

City of Paterson:

- 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. Contract documents are being finalized to award the redesign to Mott McDonald.
 - 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. A redesign is being finalized and the work should move forward during the 3rd Quarter.
- In-House Managed Main and Lateral Repair Projects
 - Renewal or replacement of 8 service laterals. (Completed)
 - Linwood Avenue between Union Avenue and Molly Ann's Brook (Project Completed)
 - Spot repairs of 15 LF of 12" sewer main.
 - Broadway between Curtis Place and West Broadway (Project Completed)
 - Replaced 12 LF of defective 8", 10" & 12" sewer main.
 - Replaced 2 defective manholes.
 - Prince Street between Slater Street and Green Street (Project Completed)
 - Completed replacement of 208 LF of defective 18" sewer main.
 - Completed replacement of three (3) defective manholes.
 - Completed CIPP lining of 190 LF of defective 18" sewer main for CIPP.
 - Cumberland Avenue, between Union Avenue and Totowa Border (Project Completed)
 - Replaced 2293 LF of defective 8" sewer main.
 - Replaced 6 defective manholes.
 - Reconnected 39 service laterals.
 - Replaced one storm water inlet.
 - Burlington Avenue, Chamberlain to Chatham
 - Replacement of 413 LF of 18" Storm Sewer.
 - Replacement of 65 LF of 12" basin lateral and 5 catch basins.
 - Replacement of 165 LF of 12" sanitary sewer.
 - CIPP lining of approximately 1600 LF of 10" and 12" sanitary sewer.
 - 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. Pipe scheduled for delivery the week of July 23rd. (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)