

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Third Quarter 2018
July 1, 2018 through September 30, 2018**

Passaic Valley Sewerage Commission

Contract No. B091A – Miscellaneous Tidegate Replacement within Paterson, Newark, and Clifton Project.

- Held Pre-Construction Meeting in July 2018.
- Began scope of work (i.e. manufacturer taking measurements) associated with the demolition of the existing wooden tidegates & frames and the installation of rigid (type 316ss) tidegates & frames at the following locations:
 - CSO Number 016 – Northwest Street CSO [Paterson]
 - CSO Number 050 – Fourth (4th) Avenue CSO [Newark]
 - CSO Number 076 – Passaic Street CSO [Newark]
- Completed scope of work associated with the demolition of the existing wooden tidegates & frames and the installation of rigid (type 316ss) tidegates & frames at the following locations:
 - CSO Number 063 – Yantacaw Pumping Station CSO [Clifton]

Bayonne – as reported by Suez

- Rebuilt catch basins at:
 - 667 Ave E (42nd St & Ave E Southwest Corner)
 - 54th St & Broadway (1086-1094 Broadway)
 - 21 Centre Lane
 - 536-538 Ave A
 - 197 Broadway (7th St & Broadway Southwest Corner)
- Repairs to Oak Street Pump Station bar screen channel racks were made from August 7th – 10th.
- Electrical connections for the Emergency 100Kw generator for 63rd Street Pump Station, 1st St, and Ave J Pump Stations were completed on September 14th.

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

- Work being performed by Contractors:
 - Replacement of #1 Bar Screen at the East Side Plant.

 - Replacement of the Horizontal and Vertical Beams at the Fisk Street Netting Facility.

- JCMUA's emergency contractor replaced a manhole on Grand Street sewer between Pacific & Monmouth.
- Contractor still has work to complete on the JCMUA's East and West Side Backup Generator Project.
- JCMUA's emergency contractor replaced two (2) manholes, one at the intersection of Grand Street & Monmouth and the other at Grand Street & Jersey Avenue.
- See attached spreadsheet of the sewers being rehabilitated to date as part of Phase 3&4 of the Consent Decree.
- JCMUA's emergency contractor replaced approximately 30 L.F. of 18" sewer at the intersection of Ocean Avenue & Union Street.
- JCMUAS's contractor is programming the controls for the Pine Street Pump Station.
- JCMUA's contractor is raising the control panel and generator at the JCMUA's Mina Drive Storm Water Pump Station.
- JCMUA's contractor is replacing the 18" combined sewer on Van Winkle Avenue between Kennedy Blvd. & Senate Street.
- 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 30 L.F. of 18" sewer on Cambridge Ave. between Griffith & Bowers.
 - Replacement of collapsed manhole at (212) Garfield between Pearsall & Winfield.
 - Spot repair of 18" sewer at the intersection of Bowers & Cambridge Ave.
 - Replacement of 12 L.F. of 18" sewer on Christopher Columbus Dr. between Grove St & Barrow St.

- Replacement of 15 L.F. of 18” sewer on Martin Luther King between Kennedy Blvd & Myrtle Ave.
- Replacement of 116 L.F. of 18” sewer on Glenwood Avenue between Kennedy Blvd & Westside Ave.

Newark – as reported by the City of Newark

- Small Sewer Evaluation and Rehabilitation (ongoing)
 - 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 (substantially complete)
 - Construction of permanent CSO control netting facilities (to be installed underground) at three (3) sites.
- Queen Ditch Restoration (complete)
 - 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”)

- Repairs were made at the following locations:
 - 6310 Granton Avenue
 - 2012 86th Street
 - 1459 77th Street
 - 38th Street & Grand Avenue
 - 40th Street & Liberty Avenue
 - 1729 40th Street
 - 46th Street & Smith Street
 - 70th Street
 - 3808 38th Street
 - 812 80th Street
 - Grand Avenue & 79th Street

Paterson – as reported by the 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. The contract was awarded for the redesign to Mott McDonald. Design work has commenced and the City is in the process of resolving easement issues.
 - Construction of new CSO-029A Screening Facility, Memorial Drive at Paterson Street (In Progress)
 - Below grade cast in place structure is complete.
 - Mechanical screening equipment and controls have been received and are presently being installed.
 - Precast diversion tunnels have been completed, except inlet tunnel that requires modifications to accommodate conflicting utilities.
 - Project is progressing but has been slowed by utility conflicts and contaminated soils. Engineer has completed the design modifications and the Contractor is preparing a change order to resolve the utility conflicts to move the project to completion.
- In-House Managed Main and Lateral Repair Projects
 - Burlington Avenue, Chamberlain to Chatham (Project Completed)
 - 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.
 - Renewal or replacement of 14 service laterals. (Completed)
 - Danforth between McBride and Nagle (Project Completed)
 - Replaced 18.33 LF of 8” sewer main.
 - Frame and Cover Replacements (Projects Completed)
 - 103 North Main Street
 - Main and Lee Streets
 - Governor and Straight Streets
 - 186 Jackson Street; replace collapsed basin and lateral (Projects Completed)
 - 4th Avenue at East 16th Street (Projects Completed)
 - Rehabilitation of a brick manhole over a brick main.
 - Manhole lining
 - Paterson Ave Between Crosby and Molly Ann Brook (Project Completed)

- Spot repairs of 14.43 LF of defective 8" sewer main.
- Replaced 19.5 LF of 6" laterals.

- In-House Managed Main and Lateral Repair Projects Continued
 - East 18th Street between Ellison Street and Pearl Street (Project Completed)
 - Completed replacement of 11.50 LF of defective 15” sewer main.
 - Paterson Ave Between Chamberlain Avenue and Molly Ann Brook (Project Completed)
 - Replacement of 128 LF of defective 12” sewer main.
 - Replaced 19.5 LF of 6” laterals.
 - Paterson Ave at Molly Ann Brook Crossing (Project Completed)
 - Rehabilitation and relining of syphon chambers and approach manholes.
 - 10th Avenue between East 26th Street and East 27th Street (Project Completed)
 - Replaced 8.5 LF of defective 8” sewer main.
 - Replaced 4.17 LF of 6” laterals.
 - Straight Street between Park Avenue and Essex Street (Project Completed)
 - Spot repairs of 662 LF of 12” and 18”.
 - CIPP lining of 723 LF of 12” and 18” combined sewer.
 - Rehabilitation of all manholes
 - East 18th Street between Ellison Street and Pearl Street (Project Completed)
 - Spot repairs of 662 LF of 12” and 18”.
 - CIPP lining of 723 LF of 12” and 18” combined sewer.
 - East 12th Street between 4th and 5th Avenues (In Progress)
 - Replace approximately 500 LF of 12" concrete sewer main
 - Linwood Avenue, between Molly Ann Brook and Totowa Avenue, work includes renewal of the 18” Brook crossing, (In Progress)
 - Replace approximately 175 LF of defective 18" sewer main
 - CIPP lining of the brook crossing and rehabilitation of the associated manholes
 - Totowa Avenue, between Ryerson Avenue and Sheraton Avenue (In Progress)
 - Replace approximately 450 LF of defective 8" sewer main
 - CIPP lining of approximately 475 LF of defective 8" sewer main
 - 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 has been received and is scheduled for installation the week of October 22, 2018. (In Progress)