

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Third Quarter 2016
July 1, 2016 through September 30, 2016**

Bayonne – as reported by Bayonne Municipal Utilities Authority (“BMUA”)

- SCADA Upgrades to 5th Street, 22nd Street, Avenue J, MOT 1A, 1, 2, and 3 Pumping Stations; currently 5th Street, 22nd and North Street stations are being installed and will be programmed in 2016. Avenue J, MOT 1A, 1, 2 and other pump stations are scheduled to be started in and completed by end 2016.
- Bar Screens at Oak Street Pump Station- Bar Screens 1 and 2 have been retrofitted with new bars, brakes, motors and guides. New guide cartridges fabricated, installation is ongoing and should be completed mid 2016; completing punch list items. Storm water bar screen scheduled for 2017.
- Backflow preventers at each pump station to be evaluated, tested and if necessary replacements installed. Applied for Physical Connection Permit amendment to include these units; awaiting NJDEP approval.
- Raw water pump #3 impeller at Oak Street repaired and running normal.
- New wiring at control panel, Avenue J pump station.
- New comminutor motor installed at MOT 2.
- Vacuumed and flushed Avenue J wet well.
- Block heater replaced at MOT 3 generator.
- Completing punch list items at Oak Street Pump Station Bar Screen rehab project.

Harrison – as reported by the Town of Harrison

- As part of the redevelopment work being performed along Angelo Cifelli Drive, the contractor installed a new sanitary, storm and combined sewers in the roadway between South 2nd and South 3rd Streets.
 - Approximately 525 LF of 12” PVC sanitary sewers
 - Approximately 475 LF of 48” HDPE storm sewers and 21” HDPE combined sewers

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

- Work being performed by Contractors:
 - 6th St. between Luis Marin Blvd & Monmouth St. – Completed.
 - Replacement of concrete walkways between the existing channels. Channels are being stripped and the existing concrete is being rehabilitated. New sprockets, buckets, chains, etc. are being installed in each channel at the Westside.
 - Installation of Storm sewer on East Bidwell & East View Court.
 - Installation of new 18-inch sewer on 3rd Street between Coles & Jersey.
 - Cleaning of MS-4 Storm Outfalls at Exchange Place.
 - Construction of new sewer on Ocean Avenue & Orient (Abandonment of common sewer).
- Work being performed In House:
 - Continue replacement of manhole rims, covers and re-facing of manholes throughout the collection system.
 - Continue rehabilitation of catch basins which includes replacement of bricks/blocks and re-facing throughout the collection system.
 - Continue rehabilitation of manholes by re-facing the internal walls.
 - Spot repair of an 18-inch clay sewer on Van Horne Avenue at the intersection of 1st and Newark Avenue.
 - Spot repair of an 18-inch clay sewer on West Hamilton.
 - Construction of cleanouts on common sewers on Reservoir Avenue & Nesbitt Street, and Mercer & Summit.

Newark – as reported by the City of Newark:

- Emergency Repair of Sewers: Milford Street and W. Bigelow Street
 - Sewer mains and lateral replacement – 105 LF of 12” PVC
- Emergency Repair of Sewers: Charlton Street and Court Street
 - Sewer mains and lateral replacement – 112 LF of 12” PVC
- Emergency Repair of Sewers: 90 Elm Street
 - Sewer mains 8” to 12” Diameter PVC Pipe – 10 LF
 - Sewer mains 4” to 12” Diameter PVC Pipe – 5 LF

- Sewer Main Replacement at Springdale Avenue & N. 12th Street
 - Sewer mains 8” to 12” Diameter PVC Pipe – 12 LF
- Sewer Main Replacement at Sherman Avenue & Murray Avenue
 - Sewer mains 8” to 12” Diameter PVC Pipe – 54 LF
 - Sewer lateral replacement 4” to 12” Diameter PVC Pipe – 28 LF

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

- Catch basin repairs at the following locations:
 - 4500 Smith Avenue
 - 67th & Newkirk
 - 2807 Dell Avenue
 - 89th Street
 - 8614 Columbia Avenue
 - 1516 78th Street
 - 7000 Grand Avenue
 - 7900 1st Avenue
 - 6519 Liberty Avenue
 - 1614 73rd Street
 - 1619 73rd Street
 - 6201 Durham Avenue
 - 1204 73rd Street
- Installed new frames and grates and performed catch basin repairs at the following locations:
 - 6911 Grand Avenue
 - 1135 50th Street
- Installed 25 LF of 6” pipe at 51st & Meadowview Avenue

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)
 - Contractor has mobilized and commenced activities at the site
 - Closed sheeting has been installed preparatory to excavation work
 - Excavation work has commenced
- In-House Managed Main and Lateral Repair Projects
 - Straight Street, between 16th Avenue and Pearl Street, Replace 160 LF of 18” sewer main. Multiple spot repairs of branch basin laterals and manhole replacement. (Complete)

- Three defective storm water inlets replaced and basin laterals renewed at the following locations, (Complete);
 - (2) at 114 North Main Street 599 East 30th Street
 - (1) at 11 John Street
- Renewal or replacement of 7 service laterals. (Complete)
- River Street (4th Avenue – 5th Avenue) – Replace or renew 405 L.F. of 12” and 15” concrete sewer including CIPP where appropriate. (Complete)
- Lower Main Street (Memorial Drive – Passaic River Bridge) – Replace or renew 125 L.F. of 24” storm sewer including separation of stormwater inlets from combined sewer system and lateral repairs. (Complete)
- River Street, between Bridge Street & Tyler Street Replace – Slip line 537 L.F. of defective 30” brick main with 16” HDPE pipe. Replace collapsed and defective manholes and the replacement of 1 defective inlet. (Complete)
- 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)
- A-1 Trunk Sewer from Totowa Avenue to Passaic River Crossing in Westside Park - Replace approximately 937 L.F. of 30” and 36” sewer main. (In Progress)
- Wayne Avenue (Totowa Avenue – Liberty Street) – Replace approximately 386 L.F. of 15” concrete sewer with 386 L.F. of 8” PVC sewer and 390 L.F. of 18” stormwater main including the replacement of 6 defective inlets and basin laterals. (In Progress)
- East 23rd Street, between Market Street and 20th Avenue – Replace or renewal by means of CIPP lining 665 L.F. of 18” concrete sewer main, including the replacement of 1 defective inlet and basin lateral. (In Progress)