

**Combined Sewer Overflow (CSO) Construction Related Activities  
Reported to PVSC for the Second Quarter 2016  
April 1, 2016 through June 30, 2016**

**Passaic Valley Sewerage Commission**

- Contract No. A887 – Replacement of CSO Regulator Tidegates within Kearny, East Newark, and Harrison
  - Riverside Tidegate was replaced within the City of Newark at the following location:
    - Freeman Street
  - Sewerside and Riverside Tidegates were replaced within the City of Paterson at the following locations:
    - Bridge Street
    - Straight Street
    - 3<sup>rd</sup> Avenue
  - A887 is now complete

**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 summer 2016. Avenue J, MOT 1A, 1, 2 and other pump stations are scheduled to be started in and completed by end 2016.
- The bench at DSN 007 was extended to accommodate net stretching and installation of longer nets. New nets are in use at the outfall.
- 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 July 2016. Storm water bar screen scheduled for 2017.
- Backflow preventers at each pump station to be evaluated, tested and if necessary replacements installed. Physical Connection Permit will be amended to include these units
- Raw water pump #1 at Oak Street station rebuilt and running normally.
- Comminutor at MOT pump station #1A rebuilt and installed.

- Repaired sewer line and lateral at 25<sup>th</sup> Street. PSEG pole set through line. Jogged line around pole, working normally.

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

- Work being performed by Contractors:
  - 6th St. between Luis Marin Blvd & Monmouth St. – replacement of combined sewer continues under the current USEPA Consent Decree.
  - Replacement of approximately 120 L.F. of 24” sewer approximately 20 feet in depth.
  - 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
  - Abandonment of a common sewer at 9<sup>th</sup> Street and Jersey Avenue that services three (3) dwellings and reconnects each dwelling into JCMUA’s combined sewer in the Public Right of Way.
  - Reline approximately 120 L.F. of combined sewer that was collapsing beneath the Light Rail Tracks.
  - Randolph Avenue between Claremont and Carteret Avenue. Replacement of approximately 120 L.E. of 24-inch sewer approximately 17 feet in depth.
- Work being performed In House:
  - Continue replacement of manhole rims and covers.
  - Continue rehabilitation of catch basins which includes reconstruction and/or replacement of catch basin laterals of bricks/ blocks and including re-facing.
  - Continue rehabilitation of manholes by re-facing the insides.
  - Replace approximately 30 L.F. of collapsed 18-inch sewer on 10<sup>th</sup> Street between Monmouth Street and Coles Street.
  - Spot Repair of a 36-inch brick sewer at the intersection of 1<sup>st</sup> and Newark Avenue.
  - Spot repair of a 30-inch brick storm sewer on Morris Street.
  - Replacement of approximately 70 L.F. of combined sewer, Woodward Street and Bramhall Avenue.

- Repair common sewer at the intersection of 9<sup>th</sup> and Brunswick Street.
- Spot repair of sweep at the intersection of MLK and Wegman Parkway.
- Spot repair of an 18” x 12” clay sewer on Erie Street between 2<sup>nd</sup> and 3<sup>rd</sup>.
- Abandonment of common sewer at Monticello and Orchard Street that services five (5) dwellings and reconnects each dwelling into the JCMUA’s combined sewer on Monticello.
- Raise a buried manhole on a common sewer in the rear yard of 1-3 Reservoir Avenue.
- Construct a cleanout on a common sewer at the intersection of Merceles and Summit Avenue.
- Spot repair of 18” sewer at Van Horne Avenue and Johnston Avenue.
- Replacement of approximately 100 feet of 18-inch combined sewer on Pavonia Avenue between Corbin Avenue and Van Wagenen.

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

- Emergency Repair of Sewers: Custer Avenue and Bergen Street
  - Sewer mains replacement – 91 LF of 12” PVC
- Emergency Repair of Sewers: North 13<sup>th</sup> Street and Beardsley Avenue
  - Sewer mains replacement – 67 LF of 8” PVC
  - Sewer mains replacement of PVC – 24” PVC
- Sewer Main Replacement at North 13<sup>th</sup> Street
  - Sewer mains replacement – 8” PVC
  - Sewer laterals –12” PVC
- Sewer Main Replacement at Oliver Street
  - Sewer mains replacement –12” PVC
  - Sewer laterals –12” PVC
- Emergency Repair of Sewers at Springfield Avenue and Jones Street
  - Sewer mains replacement –39 LF of 10” PVC
  - 4’ Diameter Precast Concrete Manhole: 24’ depth

- Emergency Repair of Sewers at South Orange Avenue and Norfolk Street
  - 4' Diameter Precast Concrete Manhole: 12' depth

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

- Catch basin repairs at the following locations:
  - 1508 40<sup>th</sup> Street
  - 914 Columbia Avenue
  - Bergenline Avenue
  - 7314 Dane Court
  - 8521 1<sup>st</sup> Avenue
  - 1212 86<sup>th</sup> Street
  - 7403 Dane Court
  - 1710 78<sup>th</sup> Street
  - 64<sup>th</sup> & Cottage Avenue
  - 2043 83<sup>rd</sup> Street
  - 1307 84<sup>th</sup> Street
  - 84<sup>th</sup> & Newkirk Avenue
  - 82<sup>nd</sup> Street & Grand Avenue
  - 91<sup>st</sup> Street & Grand Avenue
  
- Sewer main repair at 27<sup>th</sup> Street & Grand 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
  
- In-House Managed Main and Lateral Repair Projects
  - Buffalo Avenue (Multiple spot repairs of main and laterals to mitigate against main surcharging) – Replace 127 L.F. of 8” VCP sewer with PVC sewer and repair 17 lateral points of connection with tees and 84 L.F. of 6” PVC sewer lateral. (Complete)
  - New storm water inlets (2) constructed at East 20<sup>th</sup> Street and 22<sup>nd</sup> Avenue to receive excess flow from onsite stormwater retention system at New School 16. (Complete)
  - Three defective storm water inlets replaced at the following locations, (Complete);

- Intersection of Jefferson Street and Garfield Street
  - 599 East 30<sup>th</sup> Street
  - Levine Street at intersection of Sussex Street
- New City Yard, Easement to Jelsma Street, redirect Lawrence to Montgomery to remove flow in main from under privately owned building by constructing 298 LF of 12” PVC sewer, included replacement of 4 defective inlets. (Complete)
- Wayne Avenue (Union Avenue - James Street) – Replace 269 L.F. of 15” concrete sewer with 269 L.F. of 15” PVC sewer, included the replacement of 1 defective inlet. (Complete)
- Renewal or replacement of 9 service laterals. (Complete)
- River Street (4<sup>th</sup> Avenue – 5<sup>th</sup> Avenue) – Replace or renew 405 L.F. of 12” and 15” concrete sewer including CIPP where appropriate. (In Progress)
- 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. (In Progress)
- CSO-027 Outfall (PVSC Market Street Regulating Chamber – Passaic River) – Rehabilitate 325 L.F. of defective 80” outfall sewer. (In Progress)

In-House Managed Projects, Other;

- Factory rehabilitation of V2-1, V1-8 and V1-9 Mechanical Screen Rake Arms. (In Progress)
  - Rake arms removed and sent to manufacturer for factory rehabilitation.
- Arms have been returned and await reinstallation by contractor.