

**Combined Sewer Overflow (CSO) Construction Related Activities  
Reported to PVSC for the Second Quarter 2017  
April 1, 2017 through June 30, 2017**

**Passaic Valley Sewerage Commission (PVSC)**

- Contract No. B010 – Miscellaneous Repairs CSO Regulator Chambers within Paterson, Harrison, Kearny, and Newark Project. Contract is now complete.
  - Completed the scope of work associated with the surface preparation, concrete restoration, installation, and testing of rehabilitation coating system at the following locations:
    - CSO Number 005 – Bridge Street CSO [Paterson]
    - CSO Number 007 – Straight Street CSO [Paterson]
    - CSO Number 015 – S.U.M. Park CSO [Paterson]
    - CSO Number 016 – Northwest Street CSO [Paterson]
    - CSO Number 022 – Short Street CSO [Paterson]
    - CSO Number 027 – Market Street CSO [Paterson]
    - CSO Number 034 – Ivy Street CSO [Kearny]
    - CSO Number 039 – New Street CSO [Harrison]
    - CSO Number 045 – Worthington Street CSO [Harrison]
    - CSO Number 047 – Delavan Avenue CSO [Newark]
    - CSO Number 056 – City Dock CSO [Newark]
    - CSO Number 067 – Hudson Street CSO [Paterson]

**Bayonne – as reported by Suez**

- SCADA Upgrades to 5th Street, 22nd and North Street, Avenue J, MOT 1A, 1, 2; installed, programming and alarm activation is ongoing.
- Capital plan includes new generator for 1<sup>st</sup> St. pump station. Bids solicited in June, 2017, award to be made in July.
- Outfall tide flex gate ordered as replacement for DSN 024, scheduled to be installed in August.
- Backflow preventers at each pump station evaluated, tested.
- Portable 100Kw generator received for 63<sup>rd</sup> Street pump station and all associated switch gear is available and ready for use. Applying for FEMA reimbursement.
- Replaced 22<sup>nd</sup> Street pump station entry way structure. In addition, a feasibility study to determine future capex at the site was conducted by PSS and PSS was awarded DBO contract.

- Cleaning maintenance performed on wet well areas at Avenue J pump station.
- Raw pump #2 upper unit returned, waiting for full system replacement. Wear ring on #3 pump replaced and unit is in service.
- New level floats installed on Oak Street Storm side wet well.
- Replaced and repaired floats, transducer and monitor at 1<sup>st</sup> Street pump station.
- Repaired water leak at 22<sup>nd</sup> Street pump station.
- Repaired seal water leak at Oak Street pump station.

**Jersey City - as reported by Jersey City Municipal Utilities Authority ("JCMUA")**

- Work being performed by Contractors:
  - Inspection completed of the 54" Crosstown Forcemain. CME (JCMUA's Consulting Engineer) is currently developing specifications and plans for slip lining of approximately 2,500 L.F.
  - Inspection completed of 54" Combined Sewer in the vicinity of Pine and Ash Street. CCTV inspection along with the use of Commercial Divers determined that the syphoon beneath the tracks is broken. CME (MUA's Consulting Engineers is developing plans and specs for the Jack & Bore Operation.
  - Replacement of common sewer at 63 ½ Lafayette Street.
  - Cleaning of the West wet well at the East Side Plant.
  - Replacement of grit collectors and housing at the East and West Side Plant. Replacement of all chains, buckets and racks in channels #1, 2 & 3 at West Side Pump Station.
  - Replacement of electrical service to grit building at West Side Plant.
  - Completion of new watermain and sewer main on Allen Terrace between Magnolia Avenue and Waldo Avenue.
  - Replacement of 24" sewer on 1<sup>st</sup> Street between Monmouth Street and Coles Street.

- Abandonment of common sewer on Summit Avenue between Hopkins Avenue and Route 139.
- Various upgrades to the East and West Pumping Stations.
- 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.
  - Installation of new combined sewer in Lincoln Park.
  - Repair 8” sewer on Custer Avenue just East of Kennedy Blvd.
  - Repair of 72” brick sewer at the intersection of Clendenny Avenue and Mallory.
  - Repair of 24” clay sewer on 16<sup>th</sup> Street between Grove Street and Marin Blvd.
  - Repair incline bar screens at the Richard Street, Danforth Avenue and Claremont Avenue Netting Facilities.

**Harrison – as reported by the Township of Harrison**

- Dey Street Sewer Separation in progress

**Kearny – as reported by the Township of Kearny**

- Catch basin repairs:
  - Grove Street and Kearny Avenue
  - Ivy Street and King Street
  - Hickory Street and Quincy Avenue
  - Hickory Street and Oakwood Avenue
  - Chestnut Street and Devon Street
  - Bergen Avenue and Belgrove Drive
  - Devon Street and Columbia Avenue
  - Devon Street and Laurel Avenue
  - Kearny Avenue and Bergen Avenue
  - 10 E. Midland Avenue
- Repair of Sanitary Sewer:
  - Peden Terrace
  - Radley Street and Schuyler Avenue

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

- Catch basin repairs at the following locations:
  - 59<sup>th</sup> and Westside Avenue
  - 71<sup>st</sup> and Westside Avenue
  - 72<sup>nd</sup> and Madison Avenue
  - 7029 Smith Avenue
  - 1171 68<sup>th</sup> Street
  - 1515 73<sup>rd</sup> Street
  - 67<sup>th</sup> and Smith Avenue
  - 69<sup>th</sup> and 70<sup>th</sup> Streets
  
- Manhole repairs at the following locations:
  - 1700 Paterson Plank Road
  - 2027 83<sup>rd</sup> Street
  - 2102 83<sup>rd</sup> Street
  - 1515 73<sup>rd</sup> Street
  
- Inlet repairs at the following locations:
  - 2029 83<sup>rd</sup> Street
  - 2101 83<sup>rd</sup> Street
  
- Sewer repairs at the following locations:
  - 72<sup>nd</sup> and Madison Avenue
  - 69<sup>th</sup> Street and Liberty Avenue
  - Grand Avenue and 69<sup>th</sup> Street
  
- Installed a new beam at box culvert at 91<sup>st</sup> Street and Tonnelle Avenue
  
- Installed a manhole, replaced the pipe and repaired the sewer at 69<sup>th</sup> Street off Liberty Avenue
  
- Excavated and installed pipes at Bergenline Avenue & 79<sup>th</sup> and 80<sup>th</sup> Streets
  
- Repaired manhole and constructed a catch basin at Bergenline Avenue and 72<sup>nd</sup> Street
  
- Repaired manhole and catch basin at 1515 72<sup>nd</sup> Street and 72<sup>nd</sup> Street at Newkirk Avenue
  
- Repaired catch basin at 74<sup>th</sup> Street and Liberty Avenue and 68<sup>th</sup> Street and 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)
  - Excavation work has been completed.
  - Below grade cast in place structure is complete.
  - Precast diversion tunnels have been completed.
  - Awaiting delivery of mechanical screening equipment and controls.
- In-House Managed Main and Lateral Repair Projects
  - Renewal or replacement of 8 service laterals. (Completed)
  - 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)
  - 16<sup>th</sup> Avenue from Straight Street to Madison Avenue, project is as follows:
    - Completed 98 spot repairs of various size sewer mains, (8” thru 18”), totaling 105 LF of main and including replacement of 4 defective manholes.
    - A total of 48 point of connection lateral repairs to prepare the main line for CIPP lining.
    - Renewal of 4 laterals from main to curb with new cleanouts.
    - Replacement of 4 collapsed inlets
    - Replacement of 187 LF of inlet laterals, (8” and 10”), 14 inlet lateral repairs in total.
    - CIPP lining of approximately 3225 LF of mainline sewer is scheduled for completion by September 1.
  - 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. Pipe laying operations are complete, final reach to 19<sup>th</sup> Avenue interceptor CIPP lining. (Completed)
  - Rehabilitation of 20 manholes by means of epoxy lining on River Street and Straight Street (Completed)
  - Jersey Street replacement of 2 inlets and inlet laterals. (Completed)
  - Replacement of 2 defective manhole frames and covers. (Completed)
  - East 42<sup>nd</sup> Street between 18<sup>th</sup> and 19<sup>th</sup> Avenue, replacement of 134 LF of 12” defective sewer main and 33 LF of defective 10” storm drain. (Completed)

- Replacement of 5 LF of defective 8” sewer main and a defective manhole at Redwood Avenue. (Completed)
- In-House Managed Projects, Other;
  - Rehabilitation of CSO-016 Mechanical Screening System in design. (In Progress)