

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the First Quarter 2019
January 1, 2019 through March 31, 2019**

Passaic Valley Sewerage Commission

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

- Held Monthly Construction Progress Meetings in February and March 2019.
- Continued with scope of work (i.e. taking field measurements) associated with the demolition of the existing wooden tidegates & frames and the installation of rigid (type 316ss) tidegates & frames at the following locations:
 - Effluent Facilities Outfall Number 002 [Newark]
- Contractor received the rigid (type 316ss) tidegates & frames materials from the tidegate manufacturer for the following locations:
 - CSO Number 003 – West Broadway Tidegate Chamber [Paterson]
 - CSO Number 006 – Montgomery Street Tidegate Chamber [Paterson]
 - CSO Number 009 – Keen Street Tidegate Chamber [Paterson]
 - CSO Number 017 – Arch Street Tidegate Chamber [Paterson]
 - CSO Number 021 – Bergen Street Tidegate Chamber [Paterson]
 - CSO Number 022 – Short Street Tidegate Chamber [Paterson]
 - CSO Number 023 – Second (2nd) Avenue Tidegate Chamber [Paterson]
 - CSO Number 025 – East Thirty-Third (33rd) Street Tidegate Chamber [Paterson]
 - CSO Number 026 – Twentieth (20th) Avenue Tidegate Chamber [Paterson]
 - CSO Number 057 – Jackson Street Tidegate Chamber [Newark]
 - CSO Number 058 – Polk Street Tidegate Chamber [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 050 – Fourth (4th) Avenue (Riverside) Tidegate Chamber [Newark]
 - CSO Number 076 – Passaic Street (Sewerside and Riverside) Tidegate Chamber [Newark]

Bayonne – as reported by Suez

- Replaced approximately 900 feet of 24" collections forcemain in January and February.
- Piping was part of the Oak Street Pump Station forcemain to JCMUA. Forcemain is located behind Sycamore Road in Jersey City, which was found to have extension corrosion.

- Rebuilt catch basins at the following locations:
 - 101 East 25th Street on 1/18/19 477 Avenue C on 3/15/19
 - 25 Marion Court on 3/19/19
 - 22nd Street and Avenue F on 3/19/19 311 Avenue B on 3/20/19
 - 55-57 West 7th Street on 3/20/19

- Replacement of MOT Pump Station #1 comminutor.

- Replaced Pump #2 at MOT Pump Station pump #1.

- Replaced two dry-pit dewatering pumps at Oak Street Pump Station.

- Rebuilt Wilo 10 HP pump at MOT Pump Station #1A (Pump # 1)

- Replaced mounting bolt on Raw Sewage Bar Screen # 1 at Oak Street Pump Station.

- Capital plan includes new generator for 1st St. pump station. Construction plans are complete. Work to be scheduled in 2019.

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

- Work being performed by Contractors:
 - National Water Main continues to clean the JCMUA’s twin 54” combined sewer on Grand Street between Fairmount Avenue and Hudson River and 48” combined sewer on Center Street.

 - JCMUA’s emergency contractor reconditioned the Claremont/Carteret Regulator Chamber (RE 3/4) along with the regulator components.

 - Contractor still has work to complete on the JCMUA’s East and West Side Backup Generator Project.

 - JCMUA’s emergency contractor reconditioned a junction chamber on Grand Street and Bates Avenue.

 - JCMUA’s emergency contractor abandoned a common sewer servicing 2 customers at 74 Corbin Avenue.

- JCMUA's contractor performed an abandonment of a common sewer that serviced 7 customers on 7th Street between Erie & Jersey.
- JCMUA's contractor replaced 120 L.F. of 24" sanitary sewer just upstream of pump station #2.
- Developer is replacing JCMUA's sanitary sewer on Christopher Columbus Drive between Washington Street & Warren.
- Developer is replacing a 36" combined sewer with 36" RCP on Water Street between Clark Avenue & Claremont.
- JCMUA's contractor continues to replace sewer on Van Winkle between Kennedy Blvd. & Senate Street.
- JCMUA's contractor relined the 36" combined sewer on Grand Street between Communipaw & Ivy.
- 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.
 - Repair of approximately 12 L.F. of 18" combined sewer on Bright Street between Varick & Monmouth.
 - Installation of trench drain at the foot of Elm Street.
 - Replacement of 25 L.F. of 18" combined sewer on 1st Street between Newark Ave. & Jersey Ave.
 - Installation of catch basin on 1st Street between Provost & Bay Street.
- JCMUA's contractor is cleaning & removing concrete material from the invert of the 84" Grand Street sewer between Hudson & Green Street.

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

- Repairs were made at the following locations:
 - 86th Street & Tonnelle Avenue – close northbound lane and boxout and pave
 - 5th Street & John F. Kennedy Blvd. – repair sanitary sewer main and lateral

- 1020 Columbia Avenue – repair 4 linear feet of 10” sanitary sewer
- 1512 84th Street – repair 6” sewer with one lateral, backfill & restore
- 86th Street and Durham – install new catch basin with frame and grate
- 1610 86th Street – repair sewer with one lateral, backfill & pave
- 10th Street & Columbia Avenue – excavate to locate buried manhole, backfill & restore
- 73rd Street & Liberty Avenue – excavate and rebuild back wall of catch basin

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 currently 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 excessive quantities of contaminated soils. Engineer has completed the modifications to one of the chambers required due to utility conflicts. The Contractor has prepared a change order to construct the modified chamber and address the contaminated soil disposal. This proposal is being processed through the municipal council and should move forward during the 2nd Quarter.
- In-House Managed Main and Lateral Repair Projects
 - Holsman Avenue, between Jefferson Street and Stout Street, Sewer Main Repair (In Progress)
 - Replaced 55 LF of defective 12” & 8" sewer main
 - Replacement of 1 Defective Manhole
 - Repair and reconnect three building laterals
 - Renewal or replacement of 6 service laterals. (Completed)

- Beech Street between 20th & 21st Avenues, replace defective manhole (Project Completed)
 - Replaced 8 LF of 12" sewer main.
 - Replacement of 1 Defective Manhole
 - Repair and reconnect two building laterals