

**Combined Sewer Overflow (CSO) Construction Related Activities
Reported to PVSC for the Second and Third Quarters 2020
April 1, 2020 through September 30, 2020**

Bayonne – as reported by Suez

- Underground storage tank (UST) for Oak Street Pump Station emergency generator was removed from site on May 4th, 2020.
- Replaced four (4) corroded gate valves on collection system forcemain – replaced with stainless steel valves to air release valves (ARVs).
- Above ground storage tank (AST) for Oak Street Pump Station emergency generator was installed in July.
- Replaced two (2) sewer manholes on LeFante Way on July 3rd.
- Replaced pump to 1st Street Pump Station on July 13th.
- Replaced Oak Street Pump Station Sewer Bar Screen Rake on August 10th.
- Rebuilt five (5) catch basins at the following locations:
 - 33 West 7th Street
 - 30th Street & Avenue F
 - 168 West 20th Street
 - Cottage & Orient Street (southeast corner)
 - 208 Avenue F
- Installed SmartCover (level sensor) in manhole on Lefante Way in September.
- There were no Green Infrastructure Installations in CSO drainage area projects performed in this quarter.

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

- Repairs were made at the following locations:
 - Catch Basin and Lateral Repair – 68th Street and Broadway
 - Catch Basin and Lateral Repair – 71st Street and Palisade Avenue
 - Repaired pipe at 9020 Wall Street
 - Replaced old manhole at 9020 Wall Street, Railroad Ave. and Fairview
 - Repaired 10-inch & 6-inch storm main at Kemp Place & New York Ave.
 - Boxed out and paved around culvert bridge on 91st Street
 - Repaired manhole at the intersection of Railroad Ave. & Fairview Ave.

- Repaired piping at intersection of 40th and Tonnelle Ave.
- Repaired 24-inch storm drain on 88th Street
- Repaired sewer main at intersection of Charles Court and Union Turnpike
- Repaired two catch basins and 8-inch collapsed pipe at intersection of Durham Ave. and 67th St.
- Repaired 8-inch sewer main on 5th Street
- Repaired catch basin on West Side Ave.
- Repaired catch basin on 44th Street
- Repaired 6-inch lateral and 10-inch sewer main on 78th Street

City of Hackensack- as reported by Arcadis

- The City’s Contractor (New Prince Concrete Construction Company, Inc.) has completed the construction of the following stormwater/sanitary sewer improvements in order to facilitate the separation of the combined sewer within Main Street from Atlantic Street to Passaic Street (NJEIFP Project Number S340923-14):
 - Approximately two thousand eight hundred linear feet (2800 LF) of new stormwater piping ranging in size from twelve-inch (12”) diameter to forty-eight-inch (48”) diameter.
 - Six (6) reconstructed drainage structures consisting of five (5) inlets and one (1) manhole.
 - Forty-one (41) new drainage structures consisting of seventeen (17) inlets and twenty-four (24) manholes.
 - One (1) mechanical treatment device for stormwater quality measures.
 - Approximately one thousand six hundred and fifty linear feet (1650 LF) of new stormwater piping ranging in size from fourteen-inch (14”) diameter to forty-eight-inch by sixty-inch (48”x60”) box culvert.
 - Five (5) reconstructed stormwater inlet structures.
 - Thirteen (13) new drainage structures consisting of eleven (11) inlets and two (2) manholes.
 - Approximately one thousand linear feet (1000 LF) of new sanitary/combined PVC sewer piping ranging in size from eighteen-inch (18”) diameter to thirty-inch (30”) diameter.
 - Approximately one hundred and thirty linear feet (130 LF) of new sanitary sewer lateral piping ranging in size from six-inch (6”) diameter to eight-inch (8”) diameter.
 - Three (3) new sanitary/combined sewer manhole structures.

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

- Work being performed by Contractors:
 - JCMUA’s emergency contractor has completed replacing approximately 100 LF of 18” combined sewer on Bidwell Avenue between MLK & Ocean Avenue.

- JCMUA's emergency contractor has completed replacing approximately 350 LF of 36" combined sewer on York Street between Brunswick & Colgate Street.
- JCMUA's contractor completed the installation of a new sewer on Palisade Avenue between Highway 139 and Fleet Street.
- JCMUA's contractor (Spinello) is in the process of relining the 96" combined sewer on Carteret Avenue between the regulator and Halladay Street
- JCMUA's contractor began replacing sewers on:
 - Duncan Avenue under the Decree Phase 5.
 - Belvidere Avenue under the Decree Phase 5.
 - Nunda Avenue under the Decree Phase 5.
 - Olean Avenue under the Decree Phase 5.
 - Mallory Avenue under the Decree Phase 5.
 - Freeman Avenue under the Decree Phase 5.
 - Delaware Avenue under the Decree Phase 5.
- JCMUA's contractor installed new 18" combined sewer on Ocean Avenue between Gates and Seaview Avenue.
- JCMUA's emergency contractor (Waterware) replaced 36" combined sewer on Seaview Avenue between Ocean and Garfield Avenue.
- JCMUA's emergency contractor (Waterware) has completed the following:
 - Installation of a watertight manhole on 48" steel sewer at Colgate Street and Bates Avenue.
 - Installation of manhole on Claremont Avenue Outfall just upstream of Netting Facility.
 - Replacement of 8" Plug Valve at the Forrest Avenue blow-off on the 54" force main.
 - Install submersible pumps at the Sip Avenue Netting Facility to prevent flooding of Route 1&9 and Sip Avenue.
 - Removed Secondary Tide Gates on Richard Street Outfall.
 - Repair grit basket at East Side Pump Station.
 - Replace Aqua Filters at St. Peters & Parkview
 - Repair #3 bar screen at WSP
 - Repair conveyor at WSP (grit)
 - 36" tide gate at Jersey Avenue
 - Replace wet well sensor at ESP
 - Ventilation fan at 18th Street.
 - WSP meter pit sump pump & piping
- JCMUA's emergency contractor replaced a common sewer on Erie & 2nd 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 through the collection system.

- 1 broken backplate at the foot of Liberty & Van Winkle Avenue
- Broken backplate at Dwight & Old Bergen Road
- Replacement of catch basin laterals at Grant & Westside Ave
- Cut and stabilize 479 Mercer Street
- Assisted county to dewater foundation for Casino in the Park
- Replaced 2 manholes at 12th and Erie for Port Authority
- Cut and stabilize 70 Yale Avenue
- Restore common sewer at 70 Bleecker Street
- Reconstruct catch basin at Academy and Summit Street
- Reconstruct manhole at 12th Street and Monmouth Street
- Replace a section of sewer at 59 Ocean Avenue