

**Combined Sewer Overflow (CSO) Construction Related Activities  
Reported to PVSC for the Fourth Quarter 2021  
October 1, 2021 through December 31, 2021**

**Bayonne – as reported by Suez**

- Rebuilt catch basins at the following locations:
  - 13<sup>th</sup> St. & Ave. C, northwest corner
  - 33<sup>rd</sup> St. & Broadway, southeast corner
- Installed new Stormwater Bar Screen at Oak Street Pumping Station
- 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”)**

- Construction Related Activities
  - At 5625 Kennedy Boulevard, the following work was performed:
    - Set up bypass for televising existing sewer line. Line was televised. Following televising line, the line was replaced with a 12-inch pipe.
  - At 7416 Tonnelle Ave, the 15-inch storm line was connected to Tonnelle & 74<sup>th</sup> St.
- Green Infrastructure Installations:
  - Infiltration basin with storm pipes was installed at Lincoln Gateway
  - At 8500 Kennedy Blvd, an underground detention basin with artificial turf was installed.

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

- There were no Construction Related Activities during this time period
- Green Infrastructure Installations:
  - At 8701 Churchill Road, 72 LF of 48-inch HDPE and 120 LF of 15-inch HDPE for a detention basin with outlet control was installed.
  - At 426-75<sup>th</sup> Street, an underground drainage pit was installed.

### **Guttenberg – as reported by Remington & Vernick Engineers (RVE)**

- Remove and replace 222 LF of 12” VCP sewer main (as part of the ongoing sewer improvements contract);
  - Remove and replace 207 LF of 15” VCP sewer main (as part of the ongoing sewer improvements contract);
  - Remove and replace 115 LF of 18” VCP sewer main (as part of the ongoing sewer improvements contract);
  - 58 spot liner repairs in various sewer lines (as part of the ongoing sewer improvements contract); and
  - Cleaning and/or repair of 11 catch basins
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- No Green Infrastructure Installations were completed during this quarter.

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

- Work being performed by Contractors:
  - JCMUA’s Contractor completed the installation of 300LF of 54” combined sewer on Richard Street and will be lining the Bayside Terrace 18” sewer.
  - JCMUA’s Contractor has completed the installation of a new 36” storm sewer at the intersection of Brown Place and Princeton Avenue.
  - JCMUA’s Contractor has completed the installation of a 48” manhole on Secaucus Road beneath the Nelson Avenue Bridge.
  - JCMUA’s Emergency Contractor has completed the installation of additional catch basins on Ogden Avenue, Cator Avenue, 7<sup>th</sup> & Newark Avenues, Boyd/Marcy Avenue, Arlington Avenue/LRT and Pollack & Mallory Avenue in an effort to alleviate flooding.
  - JCMUA’s Contractor completed cleaning the Brown Place Outfall from the Brown Place Regulator downstream to the Hudson River. Lining is occurring between Regulator and Netting Facility while cleaning continues.
  - JCMUA’s Contractor continues to replace sewers on the following streets in accordance with the USEPA Consent Decree
    - Pacific Avenue between Communipaw Avenue and Ash Street.
    - Jewitt Avenue between Bergen Avenue & JFK Blvd
    - Duncan Avenue between Bergen Avenue & JFK Blvd
    - Fairmount Avenue between Bergen Avenue & JFK Blvd
    - 3<sup>rd</sup> Street between Jersey Avenue & Erie Street
    - Wade Street & Rutgers Avenue
    - South Street & Kennedy Blvd
    - Lincoln Street between Kennedy Blvd & Milton Avenue
    - York Street between Marin Avenue & Grove St.

- JCMUA's emergency contractor completed the cleaning of the 136" x 87" combined sewer on the York Street between Warren Street & Hudson River and began the cleaning of the 96" sewer on Mina Drive.
- NJT's contractor completed the installation of 1,800 LF of 10' x 12' Box Culvert at 18<sup>th</sup> Street Outfall Pipe.
- JCMUA's emergency contractor began to install a new sewer on Newark Avenue between Monmouth Street & 4<sup>th</sup> Street.
- JCMUA's contractor began installing a storm sewer on Princeton Avenue between Cator Avenue & Danforth Avenue.
- JCMUA's Contractor has completed repairing and lining the 72" Combined Sewer on Carteret Avenue.
- JCMUA's Contractor continues to replace approximately 300LF of 36" Brick Sewer with 42" Hobas Pipe on Clendenny Avenue between Mallory Avenue and Westside Avenue.
- JCMUA's contractor is relining the 18" sewer on Bayside Terrace.
  
- JCMUA's Contractor is lining sewers on the following streets:
  - JFK Blvd & South Street.
  - Montgomery Street between Florence Street & Baldwin Avenue.
  - Wayne Street between Barrow and Grove Street.
  - Fairmont Street
  
- JCMUA's Emergency Contractor (Waterware) performed the following:
  - Pump #4 & Discharge Elbow Repair East Side Pump Station.
  - Pump #1 Rehabilitation West Side Pump Station.
  - Onsite Vertical Pump Shaft Repairs for Pumps 1, 2, 3 & 4 at the East Side Pump Station.
  - Supply and Installation of a Storm Water Pump Station at Sip Avenue.
  - 18<sup>th</sup> Street Screening Chamber Access Platform and Railings.
  - Repair Serpentix Grit Conveyor East Side Pump Station.
  - Broadway #1 and Danforth North Regulator Counter and Shutter Weights adjusted.
  - Installation of Storm Sensor Equipment various locations throughout Jersey City.
  - Pump #2 Rehabilitation West Side Pump Station.
  - Onsite Vertical Pump Shaft Repairs for Pumps 1, 2, 3, & 4 at the West Side Pump Station.
  - WSPS Flange Bearing Spacer Plates installed.
  - Repair Serpentix Screenings Conveyor East Side Pump Station.
  - Caven Point Drainage Swale Improvements.
  - Video Inspection of the Greene Street Outfall.
  - Video Inspection of the Exchange Place Outfall Pipe.
  - Video Inspection of the Grand Street Sewer Pipe.

- Video Inspection of the Carteret Sewer Pipes.
- Video Inspection of the Manhattan Outfall Pipe.
- Video Inspection of the Secaucus Road Outfall Pipes.
- Video Inspection of the Richard Street Outfall Pipe
- Video Inspection of the York Street Sewer Pipe
- Video Inspection of the Danforth North Outfall Pipes.

**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.
- JCMUA’s crew replaced approximately 60 linear feet of 18” PVC on Monitor Street between Johnston & Maple Street.

**City of Paterson – as reported by De Block Environmental Services (work performed during Third Quarter 2021)**

**Outsourced Construction Projects:**

- 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.
  - CSO-023 Sewer Separation Project design work was awarded to PS&S. The design is in progress.
  - A West Railway Avenue Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030 is in design by PS&S.
  - 21st Avenue, Market Street to Route 20 Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030 is in design by RVE.
- In-House Managed Main and Lateral Repair Projects
  - Gray Street and 21st Avenue, (Project Completed)  
Spot Repair Defective Main

- East Main Street at Bergen Street, (Project Completed).
  - Replace a defective manhole
- East 18th Street, at 2<sup>nd</sup> Avenue, (Project Completed).
  - Replace a defective manhole.
- Elizabeth Street between Main Street and Getty Avenue, Project Completed.  
Replace 215 LF of defective 12” sewer main
- Van Houten Street and Rosa Parks Avenue, (Project Completed).
  - Replace defective basin and basin lateral.
- Auburn Street and Hamilton Avenue, (Project Completed).
  - Replace defective basin and basin lateral.
- Clark Street at Market Street, Basin Lateral, (Project Completed).
  - Replace defective basin and basin lateral.
- 39 Warren Street, (Project Completed).
  - Replace defective basin and basin lateral.
- Pearl Street at Auburn Street, Basin Lateral, (Project Completed).
  - Replace defective basin and basin lateral.
- 17th Avenue at East 30th Street, (Project Completed).
  - Replace defective basin and basin lateral.
- Marshall & Slater Streets (Project Completed).
  - Replace defective basin and basin lateral.
- Manchester Avenue, Near #63, (Project Completed).
  - Replace defective basin and basin lateral.
- Chestnut Street, Oak Street to 21st Avenue, (Project Completed).
  - Replace 1250 LF of defective 12” and 15” sewer main
- Sherwood Avenue, Chamberlain to Totowa, (Project Completed).  
30" Mainline, CIPP, approximately 1000 LE
- Linwood Avenue, Crosby to East side of Molly Ann's Brook, (In Progress)
  - CIPP of approximately 1250 LF of 12” and 15” sewer main
- Renewal or replacement of service laterals. (Completed)

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  - 21st Avenue, Market Street to Route 20 Sewer Separation Project, intended to reduce incidents of street flooding and reduce the stormwater flow to CSO-027 and CSO-030, design essentially completed and in approval process with NJIT.
- In-House Managed Main and Lateral Repair Projects
  - Ryerson Avenue between Totowa and Union Avenues, (Project Completed)
    - Replace 235 LF of defective 12” sewer main and reinstate 12 laterals
  - East 42nd Street between 17th and 18th Avenues, (Project Completed).
    - Replace 155 LF of defective 12” sewer main and reinstate 2 laterals
  - East 42nd Street between 18th and 19th Avenues, (Project Completed).
    - Replace 127 LF of defective 12” sewer main and reinstate 2 laterals
  - Market Street between East 30th Street and East 29th Street, two sides of street, Project Completed.
    - Replace 303 LF of defective 8” sewer main and reinstate 2 laterals
  - Trenton Avenue, between Dundee and Buffalo Avenues, (Project Completed).
    - Spot Repair, 21 LF of defective 8” sewer main.
  - 12<sup>th</sup> Avenue, (Project Completed).
    - Replace defective basin and basin lateral.
  - 231 Warren Street, Basin Lateral, (Project Completed).
    - Replace defective basin and basin lateral.

- Renewal or replacement of service 24 laterals, main to curb with cleanout.  
(Completed)