

ALBANY CSO POOL COMMUNITIES CORPORATION

Annual Report - 2016

The following report is was created to satisfy the requirements of The Public Authorities Law (§ 2800) and Authority Budget Office PARIS questions. Because this is the first ever report for this complex program, the report summarizes the program since its inception, in addition to reporting on the period from the creation of corporation, May 28, 2015, to the end of the Corporation's first year, September 30, 2016.

Background

The Albany Pool Communities' Combined Sewer Overflow Long Term Control Plan and Albany CSO Pool Communities' Corporation accomplishments, 2007 to Date

Combined Sewer Systems are sewers that are designed to collect rainwater runoff, domestic sewage, and industrial wastewater in the same pipe. Most of the time, combined sewer systems (CSS) transport all of their wastewater to a sewage treatment plant, where it is treated and then discharged to a water body. During periods of heavy rainfall or snowmelt, however, the wastewater volume in a combined sewer system can exceed the capacity of the sewer system or treatment plant. For this reason, combined sewer systems are designed to overflow occasionally and discharge excess wastewater directly to nearby streams, rivers, or other water bodies.

The six Albany Pool Communities (APCs): the Cities of Albany, Cohoes, Rensselaer, Troy and Watervliet; and the Village of Green Island are required, as a condition of their Combined Sewer Overflow (CSO) State Pollution Discharge Elimination System (SPDES) Permits, to develop and implement Long Term Control Plans (LTCP) to comply with water quality standards in the Hudson River. Among the six Albany Pool Communities (APCs) there are nearly 100 permitted CSOs that discharge into the Hudson River and its tributaries. Due to the close proximity of the six communities and the tidal influence of this section of the Hudson River, the communities, rather than prepare six individual plans, worked cooperatively to prepare a single plan with a regional approach. More than \$4m was invested during the development of the LTCP to document water quality, perform analyses of the performance and capacity of the CSS and treatment facilities, model and characterize the CSS, and develop a program that delivered the maximum water quality benefit in the most cost effective manner. The Albany and Rensselaer County Sewer Districts are connected to the CSO program through their SPDES permits, and are cooperating with the Pool communities in implementation of the LTCP for the abatement of CSOs.

The Capital District Regional Planning Commission (CDRPC) is a regional planning and resource center serving Albany, Rensselaer, Saratoga, and Schenectady counties and is organized as a political subdivision of the four participating counties. Regional planning commissions such as

ALBANY CSO POOL COMMUNITIES CORPORATION

CDRPC are authorized within article 12-b, section 239 of New York State's General Municipal Law. CDRPC serves the best interests of the public and private sectors by promoting intergovernmental cooperation; communicating, collaborating, and facilitating regional initiatives; and sharing information and fostering dialogues on solutions to regional problems. The CDRPC is the entity aiding in the implementation of the LTCP and coordination of the communities, acting both as a resource and a facilitator. CDRPC is recognized as program coordinator under the Order for the LTCP and the Corporation will establish CDRPC as the program administrator for LTCP Programs. More about CDRPC can be found on the organization's website, www.cdrpc.org.

Early on the in development of a program to jointly address CSO overflows, CDRPC was brought on board to aid in the development of a plan and as a facilitator and coordinator for the communities, acting both as a resource and providing staff support.

In January of 2014 the six Pool Communities, the Albany County Sewer District, and the Rensselaer County Sewer Districts executed an Order on Consent administered by the New York State Department of Environmental Conservation (NYSDEC) and the department accepted the Pool's 15-year LTCP. Through this Plan, the Pool will implement more than 50 projects and programs that will significantly improve the water quality of the Hudson River and its tributaries. A copy of this plan, and the full scope of work to develop the plan, is available at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso>. Over the life of the program more than \$136m will be invested; \$100m of which will be invested by the communities and \$36m by the Districts.

The Order requires the communities retain a Program Coordinator for coordinating the smooth and efficient implementation of the LTCP and assisting the Respondents in meeting their obligations to comply with the terms of the Order. CDRPC had been providing this service since obtaining grant funds in 2007 to begin the Albany Pool Communities Combined Sewer Overflow Long Term Control Plan study.

The Order on Consent mandated that the Pool form an entity to aid in the implementation of the LTCP and the formative documents were to be submitted to the Department six months in advance of the fifteen-month deadline for the execution of the IMAs. Ultimately, the Pool Communities opted to create a non-profit that could act in the interest of the Pool as a single unit, and if needed, purchase goods or services, execute contracts, manage staff and operations, and pursue financing.

The Member Municipalities, as a pool of communities, share in the administrative and construction costs of all the LTCP Programs. Through a certain Intermunicipal Agreement by and among the Member Municipalities (referred to therein as the "Albany Pool Communities"), executed February 25, 2015, each Member Municipality's respective percentage share of LTCP Program Costs for projects required under the LTCP at the time of the execution of the Order is as follows: Albany – 58.68%, Troy – 34.76%, Cohoes – 2.74%, Rensselaer – 2.13%, Watervliet – 1.16%, and Green Island – 0.53% (each a "Member Municipality Share" and together, the

ALBANY CSO POOL COMMUNITIES CORPORATION

“Member Municipality Shares”). This allocation formula for the Member Municipality Shares was determined 85% by CSO overflow volume and 15% by population, according to flow models and the 2010 census, respectively. The Corporation will receive contributions from each of the Member Municipalities for its respective Member Municipality Share of LTCP Program costs for the next three years (and in three to four year “tranches” for each successive period of LTCP implementation). These contributions will then be applied by the Corporation directly to LTCP Program costs, such as planning, design, engineering construction, maintenance, operations. The program revenue will also pay for engineering, legal, financial advisory, bond counsel, and administrative services provided by consultants to the Corporation. The LTCP Program facilitated by the Corporation is limited to planning and capital projects within the LTCP project schedule and listed in the Order.

On May 14, 2015, the Intermunicipal Board of the Pool Communities, an administrative body made up of representatives from each of the Pool Communities, resolved to create the Albany CSO Pool Communities Corporation. The Corporation will be the vehicle that facilitates administration of LTCP projects and programs – having the ability to bid, contract, and pay for project implementation. Because the Order is between the communities and DEC, the Corporation does not have standing to negotiate modifications or interpretations of the Order as it is not a party to the enforcement instrument. Thus, the necessity of the IMA Board and a separate entity, the Corporation.

The Corporation was formed as a New York not-for-profit and local development corporation by a pool of community municipalities consisting of the cities of Albany, Troy, Cohoes, Rensselaer, Watervliet, and the Village of Green Island, all of whom are members of the Corporation (together, the “Member Municipalities”), to lessen the burdens on local governments and provide a vehicle to jointly administer the construction, financing, operation, and maintenance of certain public utilities that will be repaired and constructed as part of a Combined Sewer Overflow (CSO) abatement program mandated by a New York State Department of Environmental Conservation enforcement order (the “Order”).

The purpose of the Corporation will be to reduce discharge of wastewater and stormwater from combined sewer overflows within the Member Municipalities in order to protect the quality of the waters therein and to achieve compliance with all federal, state and local laws and permits applicable to the management of combined sewer overflows within the Member Municipalities. Among the six Member Municipalities there are nearly 100 permitted CSOs that discharge into the Hudson River and its tributaries located in the State of New York.

The Corporation will achieve this purpose through performing the following activities:

- The Corporation will facilitate the administration of more than 50 projects and programs (the “LTCP Programs”) that will aid in the clean-up of the Hudson River as identified through the Long Term Control Plan (LTCP), an initiative that was jointly developed by the Member Municipalities to study the current health of the Hudson

ALBANY CSO POOL COMMUNITIES CORPORATION

River and to identify such LTCP Programs and to demonstrate and assess the effectiveness of such LTCP Programs through a sophisticated modeling system and post-construction water quality testing program. A copy of the LTCP is available at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso>.

- The Corporation will have the ability to bid, contract, perform and pay for project implementation in facilitation of the LTCP Programs.
- The Corporation will enter into agreements with the Albany County Sewer District and the Rensselaer County Sewer District through which the districts may assist in the implementation of the LTCP Programs and in obtaining financing or funding; and
- The Corporation may also assist the Member Municipalities by applying for, obtaining and contracting with any federal, state, or local governmental agency or foundation, organization, or natural person for the purpose of obtaining grants, loans, or other forms of financial assistance, and expending or authorizing the expenditure of such funds in furtherance of the LTCP Programs and such other charitable purposes of the Corporation.

The mission of the Corporation is to enable facilitation of LTCP Programs and assist with the efficient and timely implementation of the LTCP by the Member Municipalities by securing goods and services, assisting in financing, and performing any additional acts that may be necessary and appropriate for the LTCP's implementation and facilitation of LTCP Programs.

In performing these activities, the Corporation will be acting in the public interest and performing essential government functions.

The Corporation will seek out funding from the federal government (IE Environmental Protection Agency Grants and Clean Water State Revolving Funds), state agencies (Such as NYSDEC's Water Quality Improvement Grants), and private foundations (sources of funding as of yet to be identified). These grants will be directed toward implementing LTCP projects in each of the six member municipalities of the Corporation. CDRPC is providing staff services to the corporation, and if the Corporation directs CDRPC to do so, CDRPC will actively seek out grant or foundation funding for LTCP projects.

The Albany CSO Pool Communities Corporation had its first meeting on June 11, 2015. At this meeting the directors of the corporation, directors' designees, and alternate board members took oaths of office. The Board also accepted director's designations and alternatives; established officers; established charters and populated the audit, governance, finance, and technical committees; established a regular meeting schedule, adopted the bylaws, mission statement and measurements, and adopted several polices including a Code of Ethics and Conflict of Interest Policy, a Fiscal Policy, Procurement Policy, a Freedom of Information Law Policy, an Open Meetings Law Recording Policy and a Whistleblower Policy. At the Board's next

ALBANY CSO POOL COMMUNITIES CORPORATION

meeting, held July 9th, 2015, the Board adopted additional policies including a Salary and Compensation of Officers Policy, a Guidelines for Selection, an Appointment, and Review of Officers Policy, an Open Meetings Law Notice and Posting Policy, and an Investment Policy. The materials developed by the legal team were coalesced by CDRPC and organized into a Binder that each APC and District has received.

The Corporation's By-laws are provided at the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/> The Corporation's Mission Statement and Measurements are provided at this website as well.

A table summarizing projects completed prior to and during 2016 as well as those projects currently underway is provided as **Exhibit A** at the end of this report. The Corporation has not directly advanced any of the program's construction contracts to date. CDRPC has subcontracts, contracts in place for the Hudson River and Tributary sampling program and planning services related to the green infrastructure tasks.

Corporation financial reports

The Corporation filed its Certificate of Incorporation on May 28, 2015 to the New York State Department of State (NYSDOS). The NYSDOS completed its review and accepted the Certificate of Incorporation on July 31, 2015. The Corporation drafted and accepted a proposed FY2016 Budget in September, 2015. At the time of this report, the corporation does not possess assets to report and has not retained the services of an audit firm. An audit report will be conducted upon the completion of its first complete fiscal year.

Compensation schedule

The Corporation does not have employees. The Corporation does not compensate board members, designees or officers.

The Capital District Regional Planning Commission provides staff support services to the Corporation. CDRPC and Consultant services were retained by the member municipalities prior to the creation of the corporation. The DEC Order on Consent mandated the Pool Communities retain an independent program coordinator.

The Pool Intermunicipal Agreement, entered into by and among the Member Municipalities, executed February 25, 2015, is the instrument that binds each of the Member Municipalities together and, further, establishes CDRPC as the program administrator.

For these services, CDRPC bills the community on an hourly basis. CDRPC Employees providing staff to the Corporation do so on an as-needed basis.

ALBANY CSO POOL COMMUNITIES CORPORATION

The Salary and Compensation of Board Members Policy is contained within the corporation by-laws, The Salary and Compensation of Officers Policy is provided on the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/>

Projects undertaken by the Corporation during the past year

A table summarizing projects completed prior to and during 2016 as well as those projects currently underway is provided as Exhibit A at the end of this report. The Corporation has not directly advanced any of the program's construction contracts to date. CDRPC has subcontracts in place for the Hudson River and Tributary sampling program and planning services related to the green infrastructure tasks.

Lists of board meetings and attendance

The Corporation posts notice of all board and committee meetings on its webpage: <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/>. Meeting minutes, and the attendees of each meeting are posted following each meeting.

Names of Committees and Committee Members is provided at the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/>

Corporation's four-year financial plan, including current and projected capital budget

The Corporation's Current and projected budgets are provided at the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/>

During the development of the LTCP, the Member Municipalities' Engineering team developed an annual cost projection based upon expected project activity in a given year of the LTCP. This full 15-year capital plan, including estimates for vendor and coordination services, is provided at the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/>

The Member Municipalities also developed and approved their FY2016 budget in September and a projected 2017 Budget (collectively, the "Community Pool Budget"), which further refined projected expenses based upon more accurate information on program expenditures and costs. The Corporation has used this Community Pool Budget to extrapolate and project the revenue and expenses it may incur in facilitation of the LTCP Programs.

ALBANY CSO POOL COMMUNITIES CORPORATION

Operating budget report, including an actual versus estimated budget, with an analysis and measurement off financial and operating performance

The Corporation drafted and accepted a proposed FY2016 Budget in September, 2015. At the time of this report, the corporation has not had expenses of income. These budgets are provided at the organization's website at <http://cdrpc.org/programs/water-quality/combined-sewer-overflow-cso/albany-cso-pool-communities-corporation/>

Corporation board performance evaluations provided, however, that such evaluations shall not be subject to disclosure under article six of the public officer's law

The Corporation filed its Certificate of Incorporation on May 28, 2015 to the New York State Department of State (NYSDOS). The NYSDOS completed its review and accepted the Certificate of Incorporation on July 31, 2015. Anonymous board evaluations were conducted in the fall of 2016 and presented to the Board on November 16, 2016. Upon completion, the summary results of the assessment was submitted to the Authority Budget Office in a separate document.

A description of the total amounts of assets, services or both assets and services bought or sold without competitive bidding

The Corporation has not purchased or sold services or goods without competitive bidding in 2016. The Corporation did enter into a contract with CDRPC for administrative services. This contract supersedes the role of CDRPC as administrator as defined in the Order and IMA executed by the Pool Communities. CDRPC has previously, through competitive bidding, subcontracted for services such as Engineering, Special Counsel, Financial Services, and Bond Counsel prior to the creation of the Corporation.

A description of any material pending litigation in which the Corporation is involved as a party during the reporting year, except that no provider of medical services need disclose information about pending malpractice claims beyond the existence of such claims.

The Corporation has not and is not currently engaged in any litigation.

ALBANY CSO POOL COMMUNITIES CORPORATION

Exhibit A

Projects and Programs completed prior to or during 2016.

| LTCP Project Name, Location | Description | Status |
|---|---|----------|
| Bouck Tide Gate Installation, City of Albany | Install tide gate on CSO 013 (Bouck Regulator). | Complete |
| Woodville Pump Station Upgrades, City of Albany | Installation of a new communitor at the Woodville PS. The new communitor replaced a bar screen which was ineffective in preventing large diameter debris from entering the wet wells of the PS, especially during wet-weather events. | Complete |
| McCormack Pump Station Upgrades, City of Albany | Installation of a new communitor at the McCormack PS. The new communitor will replace a bar screen system which was ineffective in preventing large diameter debris from entering the wet wells of the PS, especially during wet-weather events. | Complete |
| Sewer Rehabilitation Projects Throughout the City of Albany | 1.) Kent Street Sewer: Relining of a section of sewer on Kent Street which is tributary to the Quail Street sub-trunk sewer, a branch of the Beaver Creek combined sewer; 2.) Hillcrest Avenue Sewer: Relining of a section on Hillcrest Avenue which is tributary to the Woodville PS; 3.) Replacement of a section of combined sewer on Beacon Avenue which is tributary to the Woodville PS. | Complete |
| Partition Street Trunk Sewer Evaluation, City of Rensselaer | Inspect and evaluate the condition of the sewer passing under the railroad tracks. Identify any needed repairs based upon results of CCTV inspection. | Complete |
| Elberon Place Area Storm Water Storage Phases I and II, City of Albany | Connection of the stormwater collection system in the vicinity of Elberon Place to a pipe storage gallery to reduce peak flows conveyed to the CSS. | Complete |
| Lawnridge/Grove/Glendale/Forrest Avenue Separation Phase II, City of Albany | Connection of catch basins to a storm sewer collection system, which is tributary to the Academy Road Detention Basin constructed under Phase I. This detention basin stores stormwater prior to discharging to the Hackett Boulevard sub-trunk sewer which is a branch of the Beaver Creek combined sewer. | Complete |
| Marion Avenue Stormwater Storage Structures, City of Albany | Construct Stormwater Storage Tank to store 197,000 Gallons of stormwater collected from a new stormwater collection system in the vicinity of Marion Avenue and Western Avenue. Discharge is controlled and does not discharge to the Beaver Creek Trunk Sewer until adequate capacity exists following storms. | Complete |
| Upper Washington Avenue Groundwater Recharge, City of Albany | Construction of dry wells and infiltration gallery beneath the street pavement in Upper Washington Avenue, between Brevator Street and Winthrop Avenue. These will replace catch basins which had formerly collected stormwater and discharged it into the Winthrop Avenue sub-trunk sewer which is a branch of the Beaver Creek combined sewer. | Complete |
| Melrose/Winthrop Groundwater Recharge Basins, City of Albany | Construction of dry wells and infiltration galleries beneath the street pavement in the Melrose Avenue vicinity. These will replace catch basins which had formerly collected stormwater and discharged it into the Melrose Avenue sub-trunk sewer which is a branch of the Beaver Creek combined sewer system. | Complete |

ALBANY CSO POOL COMMUNITIES CORPORATION

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| George Street Sewer Separation, City of Cohoes | Extension of the existing separated storm sewer on Lancaster Street, south of Columbia Street, which currently re-enters the CSS at George Street; and run the sewer approximately 1,000 linear-feet to the stone arch under George Street Park. | Complete |
| 2011 Storm Sewer Improvements, City of Cohoes | Various stormwater improvements throughout the City, including separation of combined sewers as well as elimination CSO #13. | Complete |
| Partition Street/Broadway Sewer and Drain Improvements, City of Rensselaer | Partial separation of the drainage area to Partition Street (CSO 006). Includes replacement/repair of deteriorated brick catch basins that have contributed to past regulator blockages and DWOs. Also includes approximately 7,000 LF of new storm drain and about 1,000 LF of new sanitary sewer w/ railroad crossing. | Complete |
| Broadway Sewer Separation and Dry-Weather Overflow Elimination Project, City of Rensselaer | Sewer separation along Broadway, along with the elimination of the undocumented overflow point to Mill Creek. | Complete |
| Washington Avenue Sewer Improvements and Elimination of Farley Drive CSO, City of Rensselaer | Performed sewer separation along Washington Avenue, and permanently closed CSO 012. | Complete |
| 113th Street Stream Separation, City of Troy | Diversion of an unnamed stream from the CSS. The stream enters the CSS at 11th Street and conveys flows north to 113th Street in a 36-inch sewer. The project proposes to disconnect all sanitary connections from the 36-inch sewer, with transfer to an 18-inch sewer upstream of the regulator. Upon completion of the project, the collection system upstream of regulator A13R2 will be dedicated to stormwater and stream flows only, and the regulator will be disconnected from the interceptor. | Complete |
| North Swan Street Park Revitalization, City of Albany | The proposed project will reduce impervious surfaces by approximately 25%, and will evaluate the feasibility of various GI practices including: dry swales, tree plantings, stormwater planter(s), soil restoration/de-compaction and permeable pavers/pavement treatments. | Complete |
| Monument Square Green Infrastructure Project, City of Troy | The project would be located in a highly visible area of Downtown Troy (home of the popular Farmers Market), and would promote public education and awareness. Approximately 11,543 square-feet of sidewalk and 22,476 square-feet of roadway would be replaced with porous pavement or pavers; which would intercept stormwater runoff and reduce flow to the CSS. It is estimated that a project of this magnitude would cost between \$1 million to \$1.5 million, dependent on subsurface percolation tests. | Complete |
| Albany Avenue Green Street Project, Village of Green Island | Reconstruction of approximately 1,300 linear-feet of Albany Street. The Village is proposing to redesign the roadway, incorporating low impact development principles, to achieve a reduction of impervious surfaces of approximately 10%. | Complete |
| Cross Street Sewer Outfall Evaluation, City of Troy | Evaluation of repair of the existing 48-inch diameter outfall downstream of the regulator for CSO 045. Required limits of repair and/or replacement alternatives will be determined. | Complete |
| Cross Street Sewer Outfall Repairs and/or Replacement, City of Troy | In accordance with the recommendations identified under the evaluation, repair/replace the existing outfall pipe to the Hudson River to eliminate discharges to the Wynants Kill. | Complete |

ALBANY CSO POOL COMMUNITIES CORPORATION

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| Cross Street Trunk Sewer Rehabilitation Phase I, City of Troy | Replacement of approximately 2,000 linear-feet of 24-inch sewer in the vicinity of Wynants Kill Way. Required limits of repair and/or replacement is currently being evaluated. | Complete |
| Discharge Notification System for Albany Pool CSOs | Development of a public notification system for discharges of Albany Pool CSOs. | Complete |
| Sewer System Operations, Maintenance and Inspection Plans (Troy, RCSD, and Rensselaer) | Documents and improves current procedures for operation, maintenance and inspection of each community's combined sewer system. Scope to be further developed within the established budget based upon the goals and needs of each community. | Complete |
| Development of the Post-Construction Monitoring Program (PCMP) | Provides definition of the sampling locations, protocols and frequency for the collection of water quality data. | Complete |
| Execution of IMA(s) in compliance with Section V(C) of the Prior Order on Consent | Development of APCs governance structure for implementation of the LTCP. | Complete |
| Sewer System Operations, Maintenance and Inspection Plans (Albany, Watervliet, Green Island, Cohoes) | Documents and improves current procedures for operation, maintenance and inspection of each community's combined sewer system. Scope to be further developed within the established budget based upon the goals and needs of each community. | Complete |
| Asset Management Plans (Troy, RCSD, and Rensselaer) | Provides each community with assistance in developing asset management plans to improve long term management of capital investments for operation and maintenance of their collection systems. Scope to be further developed within the established budget based upon the goals and needs of each community. | Complete |
| Performance of a Codes and Local Law Review | Educate land use decision makers, municipal and/or municipal designated engineers in green infrastructure techniques; Inventory existing Comprehensive Plans and Local Laws for Green Infrastructure strategies and Smart Growth principles; Research other green infrastructure local laws and develop a Model Local Law or guidelines beneficial to the unique needs of the APCs; and Present these model local law(s) or guidelines to the land use decision makers associated with each APC. | Complete |
| Marietta Place Stormwater Storage Facility, City of Albany | Connection of catch basins in the Marietta Place vicinity to a storage facility to reduce peak flows conveyed to the CSS. | Engineering |
| Middle Vliet Street Sewer Separation, City of Cohoes | Sewer separation and rehabilitation work in the vicinity of Middle Vliet Street, including: Harvard Street, Berkshire Street, Beacon Avenue, and Edward Road. | Engineering |
| Improvements at up to Eleven Regulators, City of Cohoes | Optimization project that includes modification of eleven (11) existing regulator structures: Mohawk St (007), Duncan (012), Ontario (006), Main/Saratoga (015), Continental (005), Cedar (011), Hudson Ave (001), Bridge St (002), Van Schaick (003), Myrtle Ave (004), Peach St (010) | Engineering Completed |
| Swan Street and Hamilton Street Regulator Improvements, Village of Green Island | Optimization project that includes modification of two (2) existing regulator structures: Removal of the orifice at Swan Street, raise weir height at Hamilton Street. | Engineering Completed |
| Improvements at Five Regulators, City of Watervliet | Optimization project that includes modification of five (5) existing regulator structures: 25th Street, 14th Street, 7th Street, 6th Street, and 3rd Street. | Engineering Completed |

ALBANY CSO POOL COMMUNITIES CORPORATION

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| 18th Street and Avenue A Weir Improvements, City of Watervliet | Optimization project that includes modification of the existing regulator structure, increasing the size of the connection pipe. | Engineering Completed |
| Documentation/Reporting of New Public and Private Green Projects | The objective of this task is to provide a mechanism by which to document the installation of “green practices or infrastructure” within the individual communities; and to assess the use of green practices within new development and redevelopment projects for both public and private sectors. | Ongoing |
| Implementation of the Post-Construction Monitoring Program | Collection of water quality data for Hudson River and tributaries. | Ongoing |
| "Big C" Disinfection and Floatables Control Facility, City of Albany | The proposed satellite treatment facility provides CSO controls for flows up to 75 mgd to reduce floatable and fecal coliform discharges to the Hudson River. The "Big C" Disinfection Project would provide treatment consisting of screening and disinfection for an additional ~285MGal on an average annual basis. | Preliminary Design Completed |
| Hoosick Street Storm Sewer Extension, City of Troy | Separation of existing storm sewer from the combined sewer. | Under Construction |
| Quail Street Green Infrastructure Project, City of Albany | The proposed project lies along Quail Street from Madison Avenue to Central Avenue, approximately 3,850 linear feet, and includes a \$1.8M “Green Component” to increase infiltration and water quality. The project includes a collaborative educational component to be performed in conjunction with the College of St. Rose and the University of Albany’s Downtown Campus. | Under Construction |
| Route 32 Green Street Project, City of Watervliet | Reconstruction of approximately 0.71 mile of Rt. 32. The project would remove and replace approximately 152,080 square-feet of roadway with new pavement, and 30,416 square-feet of new sidewalk. Porous surfaces would be evaluated for sidewalks, parking lanes and/or travel lanes. In addition, approximately 50 trees would be removed and replaced with environmentally friendly tree pits. The final project limits, and subsequent quantities, will be determined based on engineering considerations in conjunction with available funding constraints. | Under Construction |
| Green Infrastructure Technical Design Guidance | Provides each community with assistance in developing green infrastructure guidance for public and private application of green infrastructure. Scope to be further developed within the established budget based upon the goals and needs of each community. | Underway |
| Completion of a Feasibility Assessment for a “Green Infrastructure Banking System” | This task will identify and evaluate various models associated with the potential implementation of a green infrastructure banking system, including Stormwater In-Lieu Fees and Stormwater Retention Credit Banking. | Underway |
| Investigate Non-CSO Bacteria Sources Along Mill Creek, Poesten Kill, and Wynants Kill | Inspect condition of sewers running parallel and crossing Mill Creek, Poesten Kill, and Wynants Kill to identify repairs that could reduce infiltration and exfiltration. | Underway |
| Asset Management Plans (Albany, Watervliet, Green Island, Cohoes) | Provides each community with assistance in developing asset management plans to improve long term management of capital investments for operation and maintenance of their collection systems. Scope to be further developed within the established budget based upon the goals and needs of each community. | Underway |