

Albany Pool Communities
Combined Sewer Overflow Long Term Control Plan

CSO Order on Consent
DEC Case #CO 4-20120911-01

SEMI-ANNUAL STATUS REPORT

FIRST TERM, 2014
(January 1 to June 30)

September 15, 2014

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1.0 INTRODUCTION AND EXECUTIVE SUMMARY

The Albany Pool Communities Combined Sewer Overflow Long Term Control Plan Order on Consent, DEC Case #CO 4-20120911-01 (the “Order”) was entered into by the Albany Pool Communities (the cities of Albany, Cohoes, Rensselaer, Troy and Watervliet, and the Village of Green Island; hereinafter the “APC”), Albany County Sewer District (“ACSD”), and Rensselaer County Sewer District (“RSCD”) (collectively, the “Respondents”), and the New York State Department of Conservation (“DEC”) on January 15, 2014.

Pursuant to Section VIII (A) of the Order, Respondents submit written Semi-Annual Status Reports to the Department. Content of the Semi-annual reports is established by the Order and must, at a minimum, include the following:

1. A statement setting forth (i) the deadlines and other terms that Respondents have been required by this Order on Consent to meet since the date of the last statement; (ii) whether and to what extent Respondents have met those requirements; and (iii) the reasons for any noncompliance (notification to the Department of any anticipated delay shall not, by itself, excuse the delay);
2. A general description of the work completed within the prior reporting period, and, to the extent known, a statement as to whether the work completed in that period meets applicable design criteria;
3. A projection of work to be performed pursuant to this Order on Consent during the next six-month period;
4. A notification of any anticipated delays for the upcoming six month period of time; and
5. A summary of any activities conducted during the reporting period pursuant to the Public Participation Plan. If any public meeting were held, the report should include a copy of any advertisements placed for the meeting, any materials or handouts, formal meeting notes, and a summary of the meeting.¹

Order at Section VIII (A) (1)-(5).

¹ Respondents note that the Public Participation Plan relates to the process of developing an approvable LTCP. Because the LTCP was approved on the Effective Date of the Order, we understand the activities under that plan to have been concluded with the entry of the Order. Thus, subject to discussion of any different understanding of this Item 5 by the Department, Respondents believe that there are no activities required to be reported under Item 5 during this semi-annual period or for any future such period.

This Semi-Annual Report addresses obligations and actions sets forth the status of any progress made by the Pool Communities and two County Sewer Districts in complying with the milestones set forth in the Order between **January 1, 2014 and June 30, 2014.**

Selected Critical Events this Term

The following selected critical events occurred during or just prior to this term:

1. January 8, 2014: The Albany Pool Communities select Hodgeson Russ, LLC to act as Bond Council for the program
2. January 8, 2014: Respondents and DEC agree to revise the Draft LTCP Compliance schedule for BMP-02, McCormack Rd. Pump Station Upgrades to reflect a completion date of 9/30/14 in order to allow time to the rightsizing and installation of a larger comminutor and pumps.
3. January 15, 2014: Effective Date of Order
4. January 15, 2014: NYSDEC approves the APC CSO Long Term Control Plan.
5. January 16, 2014: Albany Pool Communities, two County Sewer Districts, DEC, and River Keeper hold press event to announce the implementation of the LTCP under the Order on Consent
6. January 31, 2014: Each of the Albany Pool Communities and County Sewer Districts submit their Combined Sewer Overflow Annual Report Forms to DEC.
7. February 28, 2014: The Albany Water Board submits plans and specs for SSS-01 (these plans included plans and specs for project SSS-03)
8. February 28, 2014: RCSD submits plans and specs for BMP-03, pump station upgrades.
9. March 14, 2014: The Albany Water Board files a certificate of non-compliance for SSS-01's plans and specs milestone, as the deliverable was 13 days past due.
10. March 18, 2014: DEC provides comments on the plans and specs GI-02, North Swan St. Park
11. March 18, 2014: DEC approves plans and specs for BMP-03, RCSD pump station upgrades
12. March 20, 2014: DEC approves plans and specs for SSS-01
13. March 31, 2014: On behalf of the City of Troy (City), Camp Dresser McKee & Smith (CDM Smith) submit the completed plans and specifications for the Cross Street Sewer Outfall Replacement Project, TE-01.
14. April 21, 2014: Representatives of DEC meet with Albany Water Board, CDRPC, Mike Miller (Albany Pool Joint Venture Team), and project engineers to review preliminary plans and specs for GI-02 and discuss opportunities and constraints of installing GI at the park.

15. April 23, 2014: CDRPC, legal counsel, bond counsel, and Garry Nathan meet with EFC to discuss the structure of bond financing and the listing of projects / LTCP program on the Intended Use Plan.
16. April 25, 2014: The Albany Water Board responds to DEC's comments on GI-02
17. April 29, 2014: DEC approves the plans and specifications for GI-02
18. May 28, 2014: DEC conditionally approves plans and specs for BMP-14, Partition St. sewer evaluation and, in the same letter, plans and specifications for SSS-02.

Major Actions -- This Reporting Period

In anticipation of the execution of the Order, and on behalf of the Respondents, CDRPC applied for funding through the New York State Department of State (DOS) Local Government Efficiency Grant (LGe) through the 2013 round of Consolidated Funding Applications. On January 22, 2014, CDRPC was informed of selection of their CFA. This grant has been instrumental in supporting the creation of the Intermunicipal Agreements required to implement the LTCP and required as well by Section V (D) of the Order, and also to assist with the development of the capital improvements and financial planning necessary to competently support the implementation of the LTCP.

To manage LTCP implementation before the IMAs are in place, the Albany Pool Communities, two County Sewer Districts, and the APC consultant team (counsel, bond counsel, financial advisor, engineering, and CDRPC) have been meeting twice-monthly to track LTCP implementation, identify and resolve potential impediments, assist in the coordination of the LTCP with EFC and other funding sources, and, of course, developing the required IMAs.

In addition, at Respondents' suggestion, representatives of CDRPC (including the Program Coordinator) and other representatives of Respondents have met monthly with DEC for the purpose of developing reporting forms, reporting on progress, and resolving any unanticipated challenges related to reporting or project delivery under the Order.

Major Actions -- Next Reporting Period

The APCs will work the Environmental Facilities Corporation (EFC) to seek bond financing through the Intended Use Plan. This involves listing Albany and Troy's share of the program expenses. Other communities currently plan to fulfill outstanding payment obligations on a pay-as-you-go basis, including through budgeted cash contributions or proceeds of general obligation debt.

Capital improvement and financial planning to support EFC funding is underway with support from the DOS grant referenced above. In addition, the APC technical assistance team has been working to establish an MWBE program, and continues to refine the reporting tools for projects, GI, and the monitoring program.

The Albany Pool Communities, two County Sewer Districts, and the APC consultant team will continue to meet twice monthly to track LTCP implementation, coordinate compliance, and

complete development and, as described in Section 3.0 below, the early adoption of the IMAs and related elements of the APC CSO LTCP governance structure.

Respondents also propose and intend to continue meeting monthly with DEC to ensure smooth implementation of the Order during its first year in existence.

2.0 PERFORMANCE AGASINT ORDER DEADLINES

Table 1, below, reflects the APCs and sewer districts' progress in satisfying deadlines established in Appendix B of the Order during this reporting period.

Table 1 – Milestones Certified this Term (January 1 – June 30, 2014)

| Unique Identifier | Item Description | Resp. Party (LTCP) | Project Location | Appendix B Deadline Dates | Action Performed | Certification |
|---------------------|---|--------------------|------------------|-----------------------------------|------------------|--|
| APW-02 ² | Execution of IMA(s) in compliance with Section V(C) of the Order on Consent | APCs | N/A | Task Start Date 1/15/2014 | 1/2013 | Certificate of Compliance: 3/14/2014 |
| SSS-01 ³ | Upper Washington Ave. Groundwater Recharge | APCs | Albany | Completed Plans & Specs 2/15/2014 | 2/28/2014 | Certificate of Non-compliance: 2/15/2014 |
| BMP-03 | Upgrade Pump Stations Located in Rensselaer | RCSD | Rensselaer | Completed Plans & Specs 3/1/2014 | 2/28/2014 | Certificate of Compliance: 3/14/2014 |
| BMP-14 | Partition St. Trunk Sewer Evaluation | City of Rensselaer | Rensselaer | Task Completion Date 3/1/2014 | 2/28/2014 | Certificate of Compliance: 3/14/2014 |

² Work on this task began on the effective date for the Order on Consent, January 15, 2014. In consultation with the Department, the APCs drafted a certificate for Department review to reflect that action. When the form of the certificate was deemed acceptable, the APCs promptly distributed the certificate to the communities to certify compliance with the Order. Certificates of compliance for APW-02 were subsequently delivered to the Department on March 14, 2014.

³ The Certificate of Non-Compliance submitted on 3/14/14 was executed by the Albany Water Board. Because this project is designated as an "APC" project, CDRPC is obtaining the signatures of the remaining 5 APC representatives on this Certificate of Non-Compliance and will submit that supplement to the original certification as soon as those signatures are secured.

| | | | | | | |
|---------------------|--|--|---------------|----------------------------------|-----------|--------------------------------------|
| SSS-02 ⁴ | Partition St./Broadway Sewer and Drain Improvements | APCs | Rensselaer | Completed Plans & Specs 3/1/2014 | 2/28/2014 | Certificate of Compliance: 3/14/2014 |
| APW-03 | Development of the Post-Construction Monitoring Program (PCMP) | APCs | N/A | Task Start Date 4/1/2014 | 3/27/2014 | Certificate of Compliance: 4/10/2014 |
| APW-04 | Sewer System Operations, Maintenance and Inspection Plans | Albany Water Board, Cohoes, Watervliet, Green Island | Albany County | Task Start Date 4/1/2014 | 3/27/2014 | Certificate of Compliance: 4/10/2014 |
| TE-01 | Cross St. Sewer Outfall Repairs and/or Replacement | APCs | Troy | Completed Plans & Specs 4/1/2014 | 3/31/2014 | Certificate of Compliance: 4/10/2014 |
| GI-02 | North Swan St. Park Revitalization | APCs | Albany | NTP to Construction 6/15/2014 | 6/11/2014 | Certificate of Compliance: 6/26/2014 |

While not occurring within this reporting period, Respondents also wish to note that certifications under Section IV (E) of the Order have not yet been submitted for Appendix B milestone dates that preceded the effective date of the Order. There is an ongoing discussion between Respondents and the Department concerning the appropriate wording of a certifications for such milestone dates. Respondents anticipate a prompt and amicable resolution of those discussions, whereupon submittal of appropriately worded certifications will follow directly.

Because these milestone dates precede the Effective Date of the Order, they also predate reporting periods for Semi-Annual reports. For the Department's information, however, there are 5 such milestone dates associated with 4 distinct projects.⁵ Of these, Respondents intend

⁴ The Certificate of Compliance submitted on 3/14/14 was executed by the City of Rensselaer. Because this project is designated as an "APC" project, CDRPC is obtaining the signatures of the remaining 5 APC representatives on this Certificate of Compliance and will submit that supplement to the original certification as soon as those signatures are secured.

⁵ The pre-Order milestone dates are as follows.

- "Sewer Rehabilitation Projects Throughout the City of Albany"
 - Construction Completion Date: 12/15/13
 - Operational Start-Up Date: 12/15/13
- "Partition Street Trunk Sewer Evaluation"
 - Task Start Date: 9/1/13
- "North Swann Street Park Revitalization"
 - Completed Plans & Specifications: 12/15/13
- "Discharge Notification System for Albany Pool CSOs"

to report timely completion of the specified work items for 4 milestones and a delay with respect to the remaining milestone. That delay occurred when Completed Plans and Specifications for the “North Swan Street Park Revitalization” were submitted on February 28, 2014, following the Effective Date of the Order, rather than on December 15, 2013, before the Order’s Effective Date. The APC note that the Albany Water Board had submitted an application for a WQIP grant for this project on December 13, 2013, and that, prior to the Order’s Effective Date, there was no separate requirement or process by which to obtain DEC review of the plans for this Green Infrastructure project. We also would note that DEC granted final approval of the February 28, 2014 plans and specifications by letter of April 29, 2014, well within the 60-day period for responding to the Department’s comments dated March 18, 2014.

The APCs believe the work completed during this reporting period meets applicable design criteria.

3.0 DEADLINES FOR UPCOMING REPORTING PERIOD AND ASSOCIATED ISSUES

Table 2, below, reflects the activities and deadlines established in Appendix B of the Order during the upcoming six-month reporting period.

Table 2 – Milestones next Term (June 30 – December 31, 2014)

| Unique Identifier | Item Description | Responsible Party (LTCP) | Project Location | Appendix B Deadline Dates | Status |
|-------------------|--|--------------------------|------------------|-----------------------------------|--------------------------|
| BMP-03 | Upgrade Pump Stations Located in Rensselaer | RCSD | Rensselaer | NTP to Construction: 7/1/2014 | On Schedule |
| GI-06 | Documentation/Reporting of New Public and Private Green Projects | APCs | N/A | Task Start Date: 8/1/2014 | On Schedule |
| TE-01 | Cross St. Sewer Outfall Repairs and/or Replacement | APCs | Troy | NTP to Construction: 8/1/2014 | On Schedule |
| SSS-01 | Upper Washington Ave. Groundwater Recharge | APCs | Albany | NTP to Construction: 8/15/2014 | Project completed |
| BMP-05 | Upgrade Pump Stations Located in Troy | RCSD | Troy | Completed Plans & Specs: 9/1/2014 | On Schedule |

o Task Start Date: 12/1/13

| | | | | | |
|--------|--|-------------------------------------|-------------------|--|--|
| SSS-02 | Partition St./Broadway Sewer and Drain Improvements | APCs | Rensselaer | NTP to Construction: 9/1/2014 | Modification from DEC to 9/1/14to 10/1/14 approved 9/4/2014 |
| BMP-02 | McCormack Pump Station Upgrades | Albany Water Board | Albany | Construction Completion Date & Operational Start Up Date: 9/30/2014 | On Schedule |
| SSS-03 | Melrose/Winthrop Groundwater Recharge Basins, City of Albany | Sewer Separation/Stormwater Storage | APCs | Completed Plans & Specs: 10/1/2014 | Project completed |
| APW-03 | Development of the Post-Construction Monitoring Program (PCMP) | APCs | N/A | Task Completion Date: 10/1/2014 | On Schedule |
| BMP-04 | Regulator Capacity Improvements | RCSD | Rensselaer County | Completed Plans & Specs: 10/1/2014 | On Schedule |
| GI-03 | Quail St. Green Infrastructure Project | APCs | Albany | Completed Plans & Specs: 10/1/2014 | On Schedule |
| APW-01 | Discharge Notification System for Albany Pool CSOs | APCs | N/A | Task Completion Date: 12/1/2014 | On Schedule |
| GI-01 | Albany Ave. Green St. Project | Village of Green Island | Green Island | Construction Completion Date & Operational Start Up Date: 12/15/2014 | Project completed |
| TE-01 | Cross St. Sewer Outfall Repairs and/or Replacement | APCs | Troy | Construction Completion Date & Operational Start Up Date: 12/15/2014 | On Schedule |
| TE-02 | Cross St. Trunk Sewer Rehabilitation Phase I | City of Troy | Troy | Construction Completion Date & Operational Start Up Date: 12/15/2014 | On Schedule |

The following additional information relates to activity expected to occur during the next semi-annual reporting period.

- A modification request to extend the Notice-to-Proceed deadline for SSS-02 from September 1, 2014 to October 1, 2014 was submitted and, by letter dated September 4, 2014, was approved by the Department. Copies of both the request and the letter granting the extension are attached hereto. The APC greatly appreciate the Department's action in this matter and note that this short extension of the deadline to issue a Notice-to-Proceed for SSS-02 is not expected to affect the Construction Completion or Operational Startup dates for this project.
- No delay of any other project or program subject to deadlines established by Appendix B of the order is currently foreseen during in the next 6-month reporting period.
- Based on advice received from EFC, the APC understand that it is important to submit applications for projects covered by the IUP no later than February 2, 2015, and that it would be advantageous for the IMAs and other elements of the governance structure to have been adopted and in effect as of that date. Recognizing that the Order does not require adoption of the IMAs until April 15, 2015, Respondents nonetheless have accelerated their work on these documents in order to meet the February 2, 2015 funding deadline. To that end, Respondents plan to deliver drafts of the IMAs to the Department for its review prior to the October 15, 2014 deadline for that submission that is established by the Order. It is our hope that the Department's review can be similarly expedited so that adoption of the IMAs by the relevant political entities and districts can occur prior to the February 2, 2015 funding deadline.

4.0 Description of Additional Work Performed

During the months of February and March of 2014, when implementation of the Order was in the early stages, CDRPC staff, in consultation with DEC staff, developed a project sheet template as a tool to track project status and to provide a simple and effective vehicle to quickly assess project goals, progress, milestones, roles, and responsibilities. The project sheets were developed in concert with a tracking system that uses unique identifiers, project codes based on project type. Together, the sheets and a tracking database ensure successful delivery of projects in the work and to anticipate upcoming program demands.

In this section of the report are the collection of these project sheets for all projects that have had activity during this term.

**Note the project sheets contain updates for project activity occurring during the second term of the annual reporting cycle.*

Title

Date

Albany County Sewer District
Municipality / Entity

Signature

Richard J. Lyons
Name

Executive Director
Title

9/15/2014
Date

Title

Date

Rensselaer County Sewer District
Municipality / Entity

Signature

Name

Title

Date

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

City of Rensselaer
Municipality / Entity

Signature

Name

Title

Date

City of Cohoes
Municipality / Entity

Signature

Name

Title

Date

City of Troy
Municipality / Entity


Signature

Name

Title

Date

City of Albany
Municipality / Entity



Signature

William D. Sincere, P.E.

Name

Deputy Commissioner

Title

9-15-14

Date

City of Watervliet
Municipality / Entity

Signature

Name

Village of Green Island
Municipality / Entity

Signature

Name

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

City of Rensselaer
Municipality / Entity

Signature

Name

Title

Date

City of Cohoes
Municipality / Entity

Signature

Name

Title

Date

City of Troy
Municipality / Entity

Signature

Name

Title

Date

City of Albany
Municipality / Entity

Signature

Name

Title

Date

City of Watervliet
Municipality / Entity

Signature

Name

Village of Green Island
Municipality / Entity

Original signature submitted with hardcopy

Signature

Name

Title

Date

Albany County Sewer District
Municipality / Entity

Signature

Name

Title

Date

Title

Date

Rensselaer County Sewer District
Municipality / Entity

[Handwritten Signature]
Signature

GEORGE J. MOSCINSKI
Name

Administrative Director
Title

9/15/14
Date

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

City of Rensselaer
Municipality / Entity

Signature

MICHAEL S. BROWN
Name

ENGINEERING AIDE
Title

9/12/14
Date

City of Cohoes
Municipality / Entity

Signature

Name

Title

Date

City of Troy
Municipality / Entity

Signature

Name

Title

Date

City of Watervliet
Municipality / Entity

Signature

Name

City of Albany
Municipality / Entity

Signature

Name

Title

Date

Village of Green Island
Municipality / Entity

Signature

Name

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

City of Rensselaer
Municipality / Entity

Signature

Name

Title

Date

City of Cohoes
Municipality / Entity

Signature

Name

Title

Date

City of Troy
Municipality / Entity



Signature

Chris Wheland

Name

Superintendent

Title

9-15-14

Date

City of Albany
Municipality / Entity

Signature

Name

Title

Date

City of Watervliet
Municipality / Entity

Signature

Name

Village of Green Island
Municipality / Entity

Signature

Name

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

City of Rensselaer
Municipality / Entity

Signature

Name

Title

Date

City of Cohoes
Municipality / Entity

Signature

Name

Title

Date

City of Troy
Municipality / Entity

Signature

Name

Title

Date

City of Albany
Municipality / Entity


Signature

Name

Title

Date

City of Watervliet
Municipality / Entity



Signature

Signature

Michael P. Manning

Name

Name

Village of Green Island
Municipality / Entity

Signature

Name

Mayor

Title

9/15/14

Date

Albany County Sewer District
Municipality / Entity

Signature

Name

Title

Date

Title

Date

Rensselaer County Sewer District
Municipality / Entity

Signature

Name

Title

Date

APW-01 Discharge Notification System for Albany Pool CSOs

| | |
|--|-----------------------------------|
| General description | Project Location |
| Development of a public notification system for discharges of Albany Pool CSOs. | N/A |
| Purpose | Project Location |
| Compliance with the requirements of Sewage Pollution Right to Know Act (ECL § 17-0826-a). | N/A |
| SPDES Permits | |
| NY 002 5747, 003 1046, 002 6026, 009 9309, 003 0899, 003 3031 | |
| Timeline | |
| Task Start Date: 12/1/13 | |
| Task Completion Date: 12/1/14 | |
| Certification | Project Cost (Millions) |
| APCs | \$0.215 |
| Manage construction | Funding source |
| N/A | Funded through DOS Lge grant |
| Access | Indemnity |
| N/A | N/A |
| Outfall# | Cost-sharing |
| N/A | N/A |
| Discharge reduction amount | Contact Information |
| N/A | Martin Daley |
| Affected Waterbodies | CDRPC |
| | (518) 453-0850 / mdaley@cdrpc.org |
| Status | |
| <p>Meeting and working with APCs, DEC to determine best system to develop. 3/27: Researching Onondaga county model for discharge notification system and website. Will submit pre-order task start certificate. 4/24: Will be contact with Onondaga County and "Save the rain" program staff. Pre-order certificate language pending approval & host Arcadis engineering at May 8th meeting to discuss program. 5/22: Presentation by Arcadis has been sent to the communities. Working with DOS re: MWBE contract and bidding requirements 7/10: Arcadis working on program through APJVT contract. 8/14: Discharge notification system will similar to that of Onondaga County and will use the City of Cohoes outfalls as a as a pilot. It is anticipated that a presentation will be made to the communities on August 28, 2014 and submitted to DEC by September 11 for review. It is anticipated the project will be up and running by the December 1st deadline specified in the Order. 9/11: Arcadis presented the model system to the communities to review and comment, on August 28th. Arcadis will make nessesary modifications and send the communiteis a secure link to check on modifications before meeting with DEC with the draft program.</p> | |

APW-02 Execution of IMA(s) in compliance with Section V(C) of the Order on Consent


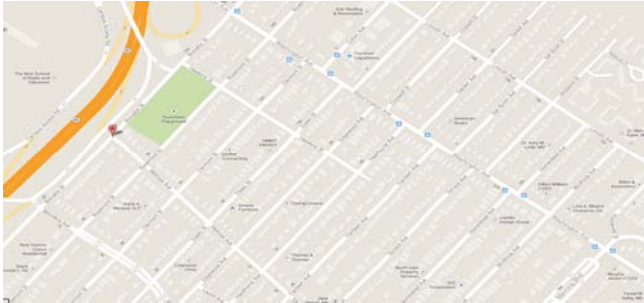
| | |
|--|---|
| General description | |
| Development of APCs governance structure for implementation of the LTCP. | N/A |
| Purpose | Project Location |
| Definition of the policies and protocols for adherence by the six (6) APCs and two (2) sewer districts in regards to the implementation of the CSO LTCP. | |
| SPDES Permits | |
| NY 002 5747, 003 1046, 002 6026, 009 9309, 003 0899, 003 3031, 002 6867, 008 7971 | N/A |
| Timeline | |
| Task Start Date: 1/15/14 | |
| Task Completion Date: 4/15/15 | |
| Certification | Project Cost (Millions) |
| APCs | \$0.78 |
| Manage construction | Funding source |
| CDRPC | NYS DOS Local Government Efficiency Grant |
| Operation | Own |
| N/A | N/A |
| Enforcement | Maintain |
| N/A | N/A |
| Access | Indemnity |
| N/A | N/A |
| Outfall# | Cost-sharing |
| N/A | |
| Discharge reduction amount | Contact Information |
| N/A | Martin Daley |
| Affected Waterbodies | CDRPC |
| | (518) 453-0850 / mdaley@cdrpc.org |
| Status | |
| <p>3/27: Communities have reviewed local laws and have not found any that need to be revised/enacted to carry out the IMA. Districts may need MOA with boards for authorizations are necessary to carry out the IMA. Respondents reviewed procurement requirements for the Local Development Corp. Respondents discussing preliminary designations of responsibility in the Responsibility Matrix, particularly Operations & Maintenance. Bond Counsel is developing a 1-page potential financing report that will dovetail into the IMA. 4/24: Bond counsel and financial officer reviewing draft IMA language for incorporation of Capital Improvements Plan and Financial Plan. Held preliminary meeting with EFC on 4/23. 5/22: Draft copy of IMA and LDC policies to CDRPC for internal review completed, the next phase will collect feedback from EFC. 7/10: EFC review complete (anticipated 7/3) delivered to communities for review on 7/10 (anticipated) 8/14: Draft APC IMA, draft Sewer District IMA, LDC formation documents, model resolutions, and related materials delivered to pool for review. The communities will have roughly one month to review and submit comments or questions. It is anticipated that an IMA will be completed by August 28, 2014 for submittal to DEC for review and approval. 9/11: Legal tea meeting with the city of Albany to work through some questions related to city vs. Water Board responsibilities.</p> | |

APW-03 Development of the Post-Construction Monitoring Program (PCMP)

| | |
|--|-----------------------------------|
| General description | Project Location |
| Provides definition of the sampling locations, protocols and frequency for the collection of water quality data. | N/A |
| Purpose | Project Location |
| Data to be used to assess the benefits associated with the LTCP, and demonstrate compliance with water quality standards. | N/A |
| SPDES Permits | |
| NY 002 5747, 003 1046, 002 6026, 009 9309, 003 0899, 003 3031 | |
| Timeline | |
| Task Start Date: 4/1/14 | |
| Task Completion Date: 10/1/14 | |
| Certification | Project Cost (Millions) |
| APCs | \$0.02 |
| Manage construction | Funding source |
| CDRPC | |
| Outfall# | Cost-sharing |
| N/A | APCs sharing cost of program |
| Discharge reduction amount | Contact Information |
| N/A | Martin Daley |
| Affected Waterbodies | CDRPC |
| | (518) 453-0850 / mdaley@cdrpc.org |
| Status | |
| <p>3/27: CDRPC is beginning to develop this task with the communities and has discussed options for moving forward and the timeline with the technical committee and project consultants. Identifying process for putting the project out to bid. 4/24: APJVT working on potential program that CDRPC will review before bringing forward to APCs. 5/22: No update at this time. 7/10: No update at this time (APJVT putting a draft of the program together) 8/14: Awaiting updated water quality standard guidance. 9/11: Program previously outlined in LTCP, but awaiting updated water quality standard guidance.</p> | |

| APW-04 Sewer System Operations, Maintenance and Inspection Plans | |
|--|--|
| General description | Project Location |
| 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. | Albany Water Board, Cohoes, Watervliet, Green Island |
| Purpose | Project Location |
| Provides for improved system performance and CSO capture. | Albany Water Board, Cohoes, Watervliet, Green Island |
| SPDES Permits | |
| NY 002 5747, 003 1046, 003 0899, 003 3031 | |
| Timeline | |
| Task Start Date: 4/1/14 | |
| Task Completion Date: 12/1/15 | |
| Certification | Project Cost (Millions) |
| Albany Water Board, Cohoes, Watervliet, Green Island | \$0.15 |
| Manage construction | Funding source |
| CDRPC | Local funds |
| Outfall# | Cost-sharing |
| N/A | Communities advancing on own, will be credited |
| Discharge reduction amount | Contact Information |
| N/A | Martin Daley |
| Affected Waterbodies | CDRPC |
| N/A | (518) 453-0850 / mdaley@cdrpc.org |
| Status | |
| Communities on the East side of the River (Troy and Rensselaer) performed this task with the assistance of CDM Smith. Communities on the West side will coordinate efforts to develop plans that are consistent. Project may need o go out to bid. 4/24: The City of Troy shared their plans, which the communities are currently reviewing to model their own plans. 5/22: APC TC hosted CDM Smith for presentation on Troy and Rensselaer plans 7/10: Communities are working on their individual plans 8/14: No update at this time 9/11: No update at this time | |

SSS-01: Upper Washington Ave. Groundwater Recharge Basins

| | | |
|---|--|--|
| General description | |  |
| Construction of dry wells and infiltration gallery beneath the street pavement in Upper Washington Ave., between Brevator St. and Winthrop Ave. These will replace catch basins which had formerly collected stormwater and discharged it into the Winthrop Ave. sub-trunk sewer which is a branch of the Beaver Creek combined sewer. | | |
| Purpose | Reduces local flooding and reduces both the incidence and frequency of combined sewer discharge to the surface, as well as reducing the frequency and intensity of CSO events. | Project Location |
| SPDES Permit# | NY-002 5747 |  |
| Timeline | Completed Plans and Specs: 2/15/14 | |
| | Notice to Proceed to Construction: 8/15/14 | |
| | Construction Completion Date: 12/15/15 | |
| | Operational Start-Up Date: 12/15/15 | |
| Certification | APCs | Project Cost (Millions) |
| | | \$0.20 |
| Manage constructor | Albany Water Board | Funding source |
| | | Project funded through Water Board (Credit) |
| Operation | Albany Water Board | Own |
| | | Water Board |
| Enforcement | | Maintain |
| | | Albany Water Board |
| Outfall# | A-016 | Cost-sharing |
| | | |
| Discharge reduction amount | | Contact Information |
| | | Albany Water Board |
| Affected Waterbodies | Hudson River | William Simcoe |
| | | (518) 434-5300 / wsimcoe@albanyny.gov |
| Status | | |
| <p>3/13: Project was put out to bid and a contractor was selected (August Bohl). 3/27: NTP was issued</p> <p>1/31/2014: 4/24: This project is currently under construction 5/22: Construction of structures 100% complete, inspected, and accepted by engineer, currently contractor performing final restoration work.</p> <p>7/10: This project is near completion and was advanced ahead of schedule. 8/14: Revised approval letter from DEC received on 7/11. 9/11: Certification forms submitted on NTP, construction complete, and operational start date milestones. This project is complete</p> | | |

SSS-03 Melrose/Winthrop Groundwater Recharge Basins

General description

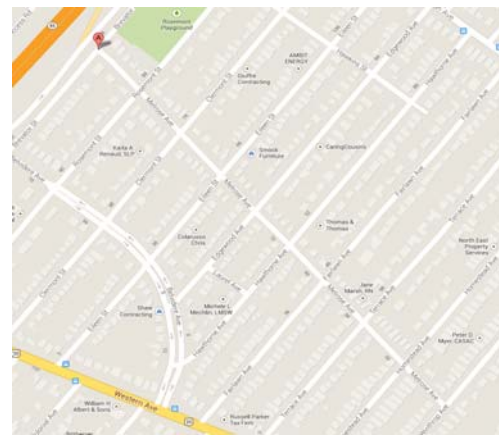
Construction of dry wells and infiltration galleries beneath the street pavement in the Melrose Ave. vicinity. These will replace catch basins which had formerly collected stormwater and discharged it into the Melrose Ave. sub-trunk sewer which is a branch of the Beaver Creek combined sewer system.



Purpose

Reduces local flooding and reduces both the incidence and frequency of combined sewer discharge to the surface, as well as reducing the frequency and intensity of CSO events.

Project Location



SPDES Permit#

NY-002 5747

Timeline

Completed Plans and Specs: 10/1/14

NTP to Construction: 4/1/15

Construction Completion Date: 12/15/16

Operational Start-Up Date: 12/15/16

Certification

APCs

Project Cost (Millions)

\$0.20

Manage construction

Albany Water Board

Funding source

Project funded through Water Board (Credit)

Operation

Albany Water Board

Own

Albany Water Board

Enforcement

Maintain

Albany Water Board

Outfall#

A-016

Cost-sharing

Discharge reduction amount

Contact Information

Albany Water Board

Affected Waterbodies

Hudson River

William Simcoe

(518) 434-5300 / wsimcoe@albanyny.gov

Status

3/27: No update at this time **4/24:** No update at this time. **5/22:** No update at this time. **7/10:** Plans and specs submitted as part of SSS-01 big package in 2/14. Construction of structures 100% complete, inspected, and accepted by engineer, currently contractor performing final restoration work. **8/14:** Revised approval letter from DEC received on 7/11. **9/11:** Certification forms submitted on NTP, construction complete, and operational start date milestones. This project is complete

BMP-02: McCormack Pump Station Upgrades

General description
 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.



Purpose

Increase pump reliability and efficiency.

Project Location



SPDES Permit#

NY-002 5747

Timeline

Completed Plans and Specs: 2/28/14

Construction Completion Date: 9/30/14

Operational Start-Up Date: 9/30/14

Project Cost (Millions)

Certification

Albany Water Board

\$0.08

Manage constructor

Albany Water Board

Funding source

Project funded through Water Board (Credit)

Operation

Albany Water Board

Own

Albany Water Board

Enforcement

Albany Water Board

Maintain

Albany Water Board

Outfall#

A-016

Cost-sharing

Discharge reduction amount

Contact Informator

Albany Water Board

Affected Waterbodies

Normanskill Creek, Hudson River

William Simcoe

(518) 434-5300 / wsimcoe@albanyny.gov

Status

2/18: Awaiting parts for Comminutor and installation of pumps. Has been through board of contract and supply and will be put out to bid. **3/27:** Put out to Bid 4/8/14, with Bids due 4/22/14. **4/24:** Bids have been received. A recommendation for the low bid on the Comminutor was made to the water board. The bid needs to be reviewed by the board of contract and supply before being awarded. **5/12:** Bid has been reviewed by Board of Contract and supply and was awarded. **5/22:** Contract signed, Communitor ordered, expected ship date is June 15th, if shipped on time expected completion by first of July. **7/10:** Parts received and anticipate full installation by 9/1. **8/14:** Installation underway anticipated completion date of 9/30. **9/11:**

GI-02: North Swan St. Park Revitalization

General description

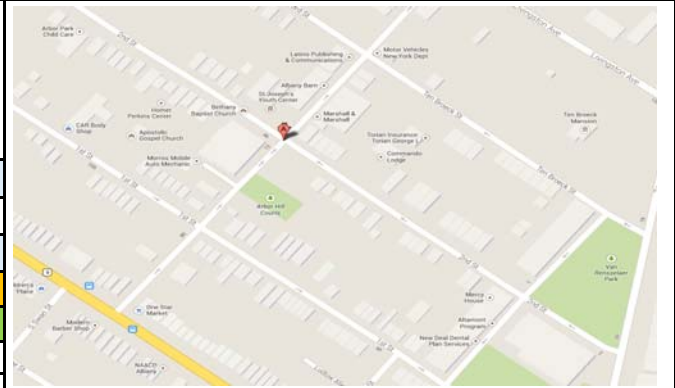
The proposed project will reduce impervious surfaces by approximately 25%, and will evaluate the feasibility of various GI practices including: dry swales, tree plantings, stormwater planter(s), soil restoration/de-compaction and permeable pavers/pavement treatments.



Purpose

It's the City's intent to "green-up" the park's existing infrastructure, using EPA's fix-it-first philosophy. Reduction of stormwater flows or loads to the CSS, thereby reserving conveyance capacity with the CSS and reducing the frequency and intensity of CSO events.

Project Location



SPDES Permit#

NY-002 5747

Timeline

Completed Plans and Specs: 12/15/1:

Notice to Proceed to Construction: 6/15/:

Construction Completion Date: 12/15/1

Operational Start-Up Date: 12/15/15

Certification

APCs

Project Cost (Millions)

\$0.15

Manage constructor

Albany Water Board

Funding source

Project funded through Water Board (Credit) & WQIP (requested)

Operation

Own

Enforcement

Maintain

City of Albany, APCs GI only

Outfall#

A-030

Cost-sharing

Discharge reduction amount

Reduction of 0.041 ac-ft. of water quality treatment & a runoff reduction volume of 0.029 ac-ft. with an estimated reduction in total Suspended Solids (TSS) of approximately 11 tons/yr., Total Phosphorus (TP) of 82 lbs./yr., & Total Nitrogen (TN) of 524 lbs./yr.

Contact Informator

Albany Water Board

Affected Waterbodies

Hudson River

William Simcoe

(518) 434-5300 / wsimcoe@albanyny.gov

Status

2/18/14: Applied for funding in the WQIP program in December of '13/13: Bid has been prepared and is being reviewed by board of contract and supply. Should be on track for NTP. Park project manager was City Planning director, who left office, has shifted to senior planner. **3/18:** Comments received DEC. 3/26 AWB staff met with project engineer and City Departments about DEC comments. MJ Engineering will review the comments **4/24:** AWB staff, project engineer, CDRPC, and APJVT met collectively with DEC to discuss the comments and responses to the Department's comments. A revised set of plans and specs will be submitted to the Department **5/12:** Plans and specs have been approved by DEC and on-time NTP is anticipated **5/22:** Project Bids received, on the schedule to be presented to the Board of Contract & Supply June 3rd for award **7/10:** NTP was issued and the Department notified of this step on **6/18/14:** Demolition work has begun and is being managed by City DGS **9/11:**


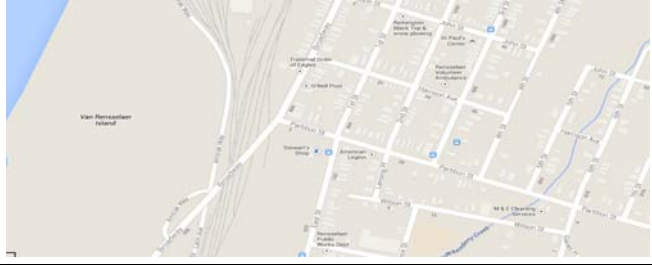
BMP-03 Upgrade Pump Stations Located in Rensselaer

| | |
|---|--|
| General description | |
| Rensselaer Pump Station Upgrades (Aikens and Forbes) - replace pumps, repair/replace sluice gates and isolation valves, new channel grinders, new emergency generators, new control system for communication with WWTP. Increase pump station capacity: Aiken from 10.4 MGD to 14 MGD. Forbes from 14.4 MGD to 17.2 MGD. | |
| Purpose | Project Location |
| Improve conveyance of wet-weather flows to WWTP, thereby reducing surcharging and subsequent CSO discharges. | |
| SPDES Permit# | |
| NY-008 7971 | |
| Timeline | |
| Completed Plans and Specs: 3/1/14 | |
| NTP to Construction: 7/1/14 | |
| Construction Completion Date: 4/15/15 | |
| Operational Start-Up Date: 4/1/15 | |
| Certification | Project Cost (Millions) |
| RCSD | \$14.00 |
| Manage constructor | Funding source |
| RCSD | RCSD |
| Operation | Own |
| RCSD | RCSD |
| Enforcement | Maintain |
| RCSD | RCSD |
| Outfall# | Cost-sharing |
| R-002 to 010 (once regulators are opened) | |
| Discharge reduction amount | Contact Informator |
| | Gerry Mosckinski |
| Affected Waterbodies | RCSD |
| Hudson River | (518) 283-2235 / GMoscinski@rensco.com |
| Status | |
| <p>Completed plans and specs have been submitted. On schedule. 3/27: DEC Comment letter received. 5/22: Construction started on May 1st, pads for generator poured - slide gates and generator expected soon. 7/10: NTP has been issued ahead of schedule. Generator sets have been delivered and set, slide gates being installed. 7/24: no update at this time. 9/11: RCSD estimates that the project is roughly 50% along. Piping work has yet to be started.</p> | |

BMP-05 Upgrade Pump Stations Located in Troy

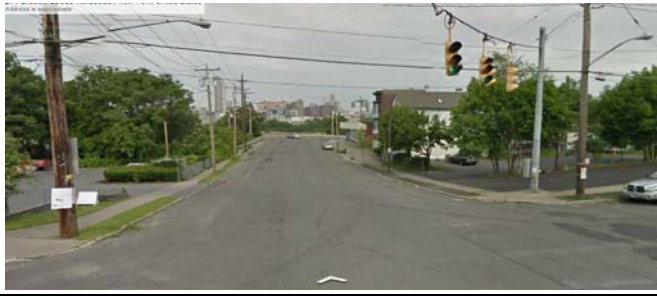
| | |
|---|---|
| General description | |
| Troy Pump Station Upgrades (106th and Monroe) - replace pumps repair/replace sluice gates and isolation valves, new mechanical bar screens, new emergency generators, new control system for communication with WWTP. Increases pump station capacity at Monroe from 32.5 MGD to 42.5 MGD. Maintains current capacity at 106th (8 MGD). | |
| Purpose | Project Location |
| Improve conveyance of wet-weather flows to WWTP, thereby reducing surcharging and subsequent CSO discharges. | |
| SPDES Permit# | |
| | |
| Timeline | |
| Completed Plans and Specs: 9/1/14 | |
| NTP to Construction: 3/1/2015 | |
| Construction Completion Date: 4/1/2016 | |
| Operational Start-Up Date: 4/1/2016 | |
| Certification | Project Cost (Millions) |
| RCSD | \$15.00 |
| Manage constructor | Funding source |
| RCSD | RCSD |
| Operation | Own |
| RCSD | RCSD |
| Enforcement | Maintain |
| RCSD | RCSD |
| Outfall# | Cost-sharing |
| R-002 to 044 | |
| Discharge reduction amount | Contact Informator |
| | Gerry Mosckinski |
| Affected Waterbodies | RCSD |
| Hudson River | (518) 283-2235 / GMoscinski@renesco.com |
| Status | |
| 5/22: Under design. 7/10: Under design 7/24 : Update forthcoming. 9/11: Completed plans and specs for these two pump stations were drafted by Delaware Engineering and submitted to the Department on August 29. | |

BMP-14 Partition St. Trunk Sewer Evaluation

| | |
|--|--|
| General description | |
| Inspect and evaluate the condition of the sewer passing under the railroad tracks. Identify any needed repairs based upon results of CCTV inspection. |  |
| Purpose | Project Location |
| Improve conveyance capacity of sewer, thereby reducing surcharging and subsequent CSO discharges. |  |
| SPDES Permit# | |
| NY-002 6026 | |
| Timeline | |
| Task Start Date: 9/1/13 | |
| Task Completion Date: 3/1/13 | |
| Certification | Project Cost (Millions) |
| City of Rensselaer | \$0.05 |
| Manage constructor | Funding source |
| N/A | City of Rensselaer |
| Operation | Own |
| N/A | City of Rensselaer |
| Outfall# | Cost-sharing |
| R-006 | N/A |
| Discharge reduction amount | Contact Informator |
| N/A | Mike Brown |
| Affected Waterbodies | City of Rensselaer |
| Hudson River | (518) 465-1693 / mike.brown@rensselaerny.gov |
| Status | |
| <p>3/27: This task has been completed. Certificate of Compliance for task complete submitted. Certificate of compliance for task start (pre-Order on consent) will be submitted when language is approved. 4/24: Awaiting Department feedback on task completion. 5/22: No update at this time. 7/10: The Department has acknowledged the completion of this task. 8/14: Approval letter from DEC sent to community. Task Complete.</p> | |

SSS-02 Partition St./Broadway Sewer and Drain Improvements

General description
 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.



Purpose
 Removal of inflow from CSS to increase conveyance of wet-weather flows, and reduce the frequency and volume of CSOs.

Project Location



SPDES Permit#

NY-002 6026

Timeline

Completed Plans and Specs: 3/1/14

NTP to Construction: 9/1/14

Construction Completion Date: 12/31/15

Operational Start-Up Date: 12/31/15

Certification

APCs

Project Cost (Millions)

\$2.80

Manage construction

City of Rensselaer

Funding source

City of Rensselaer

Operation

City of Rensselaer

Own

City of Rensselaer

Enforcement

N/A

Maintain

City of Rensselaer

Outfall#

R-006

Cost-sharing

N/A

Discharge reduction amount

N/A

Contact Information

Mike Brown

Affected Waterbodies

Hudson River



City of Rensselaer

(518) 465-1693 / mike.brown@rensselaerny.gov

Status

3/27: Submitted plans and specs to DEC. Certificate for plans and specs submitted. Awaiting comment letter from NYSDEC. **4/24:** Based upon evaluation, it was determined less SF of storm drain pipe would need to be reconstructed. Awaiting comment letter from the department. **5/22:** No update at this time. **7/10:** No update at this time. **7/24:** Update will be forthcoming. **9/11:** This project will experience a 30-day delay for NTP. A modification request for the NTP date was submitted to the department on August 28th.

TE-01 Cross St. Sewer Outfall Repairs and/or Replacement

| | |
|---|--|
| General description |  |
| 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. | |
| Purpose | Project Location |
| Repairs required to elimination unpermitted discharges to the Wynants Kill. |  |
| SPDES Permit# | |
| NY-009 9309 | |
| Timeline | |
| Completed Plans and Specs: 4/1/14 | |
| NTP to Construction: 8/1/14 | |
| Construction Completion Date: 12/15/14 | |
| Operational Start-Up Date: 12/15/14 | |
| Certification | Project Cost (Millions) |
| APCs | \$0.64 |
| Manage constructor | Funding source |
| Troy | Troy |
| Operation | Own |
| Troy | Troy |
| Enforcement | Maintain |
| | Troy |
| Outfall# | Cost-sharing |
| T-045 | |
| Discharge reduction amount | Contact Informator |
| | Chris Wheland |
| Affected Waterbodies | City of Troy Public Utilities |
| Wynants Kill, Hudson River | (518) 237-0438 / Chris.Wheland@troyny.gov |

Status

Moving along on schedule. Examining precast cell, headwall, and connector options. Some contamination found, working on remediation. **3/27:** Anticipate sending completed plans and specs to NYSDEC on or before 4/1. **4/24:** Plans and specs have been submitted awaiting comment letter. **5/22:** TE-01 has no update. Waiting for comments from DEC. **7/10:** Back to DEC for final review. Bid specs are being developed to be sent out. **7/24:** Out for bid. There was some disagreement about the Native American Community but that was resolved by stating that the new pipe will simply be replacing an older abandoned pipe. And the soils have already been disturbed. Recent discussions with DEC have noted a concern of an underwater aquatic species the lives along the river shoreline. Pipe order is being manufactured. Approval letter received. **9/11:** The city issued NTP and certified this milestone. Some sewer line prep work will be done with city staff before bringing a contractor on to address the outflow pipe.

5.0 Community Relations

While the Public Participation Plan referenced in the Order related to actions leading up to the development of an approvable CSO LTCP and has now been concluded, CDRPC has made several outreach presentations related to the plan during the reporting period. Not pursuant to the Order, but as a courtesy and because we believe that public education concerning programs designed to ensure that CSO events do not impair water quality is important to both the communities and the Department, we describe these outreach efforts below.

1. **Wednesday, February 5:** Rensselaer County Legislature – Explanation of the program and roles and responsibilities of the County Sewer District
2. **Wednesday, March 26:** Rensselaer County Sewer District Commissioners – Explanation of the program and roles and responsibilities of the County Sewer District
3. **Wednesday, June 11:** Rockefeller Institute on Government Panel “Challenges Facing Our Water Facilities Infrastructure, a cross-section of public and private interests discussed water infrastructure issues and how to potentially address them, including new sources of funding for municipalities and emerging approaches such as green infrastructure. (100 attendees)

CDRPC staff attends monthly MS4 working group meetings for both Albany and Rensselaer County, informing coalition members on the progress of the LTCP. CDRPC is also a participant of the Albany County Water Quality Working Group, a body that also meets monthly, to share program progress. While these meetings are not public meetings, they are open to the public.