

**Professional Services Related to:
Albany Pool CSO LTCP – Part B
Progress Report No. 19
November 1, 2010 – April 1, 2011**



**Capital District Regional Planning Commission
and the
Albany Pool Joint Venture Team**



Project Management and Coordination

Recent Activities:

- Technical Committee (TC) Meeting was held with CDRPC, EFC and the APCs on November 9, 2010 to review the project status and discuss green infrastructure projects under consideration.
- Citizen Advisory Committee (CAC) meeting was held on November 22, 2010 to provide a status report and overview of the work performed to date; discuss the findings of the 2009 tributary water quality assessment and receiving water quality model results; and discuss actions and schedule moving forward.
- Public Meeting #3 was held on January 13, 2011 to provide an overview of the public participation program and work performed to date; discuss the findings of the 2009 tributary water quality assessment and receiving water quality model results; and discuss actions and schedule moving forward.
- TC Meeting was held with CDRPC and the APCs on March 3, 2011 to review the proposed CSO control strategies for the LTCP; including: disinfection at the WWTP, system optimization, BMP's and floatable controls.
- TC Meeting was held with CDRPC, DEC and the APCs on March 31, 2011 to review the proposed CSO control strategies for the LTCP.

Planned Activities:

- During the next quarter, arrangements will be made for continued community, Technical Committee (TC) and Legislative Leadership meetings, as deemed appropriate. Public Meeting #4 has been scheduled for June 1, 2011.

Task B1 – Public Participation

Recent Activities:

- Technical Committee Meetings, as noted above.

Planned Activities:

- TC Meeting(s) will be scheduled with CDRPC, DEC and the APCs to review the proposed CSO control strategies and implementation schedule for the LTCP.
- Citizen Advisory Committee (CAC) Meeting is scheduled for mid-May 2011 to discuss the proposed CSO control strategies and implementation schedule for the LTCP.
- Public Meeting #4 is scheduled to review the proposed CSO control strategies and

implementation schedule for the LTCP.

Schedule:

- Meetings supporting the public participation program are planned to continue throughout the duration of the LTCP development process.

Task B2 – Receiving Water Conditions Assessment

Recent Activities:

- The Final *Receiving Water Quality Model Development (RWQMD) Report* was submitted to the DEC on August 27, 2010 addressing all outstanding comments and/or concerns.
- The APCs received acceptance of the report from the Department on August 31, 2010.

Planned Activities:

- All major tasks and activities associated with the characterization of the existing Receiving Waters Quality Assessment (RWQA) have been completed. The receiving water model will be utilized to assess potential alternatives, as appropriate.

Schedule:

- Task completed. Development of the river model was completed behind schedule primarily due to the time required to analyze the significant amount of data collected for the river systems. The work performed has been expansive with the information detailed in the RWQA representing the most significant study on bacteria performed on the Albany Pool to date. Per the original project schedule, the receiving waters model was to be developed and fully calibrated by February 1, 2009. Due to the issues detailed previously, the APJVT did not receive final approval of the RWQA from the Department until August 31, 2010. As a result, this task required an additional 21 months beyond the original schedule. This is in large part due to the unanticipated efforts and delays needed to resolve the modeling approach, as well as the concerns surrounding the recorded low dissolved oxygen levels in the Hudson River. This issue has further limited the APJVT's ability to aggressively move forward with the alternatives evaluation which relies upon a receiving water quality model. It is acknowledged that this work has taken longer than expected; however, the APCs place a high priority on fully understanding the potential water quality issues and program objectives at this time given the potential cost burdens associated with this type of program.

Task B3 – Combined Sewer System Mapping, Database and Digitizing

Recent Activities:

- Continued the coordination and delivery of mapping and electronic files to a central project database.

Planned Activities:

- Continue with the coordination and delivery of electronic files to the central database.

Schedule:

- All major tasks and activities associated with the development of the LTCP have been

completed. General database management activities will continue throughout the project.

Task B4 – Combined Sewer System Monitoring

Recent Activities:

- Completed analysis of the CSS monitoring data.

Planned Activities:

- All major tasks and activities associated with the development of the LTCP have been completed.

Schedule:

- Task completed. Monitoring data was delivered to the APJVT 2 months later than anticipated due to the time required by the vendor to perform additional work associated with the “expanded” monitoring program. While the expanded program has resulted in a 2 month delay, the additional data has proven to be vital in the efforts to characterize the existing systems’ performance.

Task B5 – Combined Sewer System Modeling

Recent Activities:

- Completed modeling activities.

Planned Activities:

- All major tasks and activities associated with the development of the LTCP have been completed.

Schedule:

- Task completed. Activities associated with this task were planned to occur between August of 2007 and August of 2009. In general, calibration of the models was completed behind schedule due to the delayed delivery of the monitoring data, along with the increased calibration efforts associated with the additional 20 monitoring sites. Per the original project schedule, the receiving waters model was to be developed and fully calibrated by February 1, 2009. Due to the issues detailed above, the APJVT did not receive Department approval until August 31, 2010. This is in large part due to the unanticipated efforts and delays needed to resolve the modeling approach, as well as the concerns surrounding the recorded low dissolved oxygen levels in the Hudson River. This issue has further limited the APJVT’s ability to aggressively move forward with the alternatives evaluation which relies upon a receiving water quality model.

Task B6 – WWTP Wet Weather Capacity Study

Recent Activities:

- Continued to develop the *Existing Capacity Review Technical Memorandum* for the RCSD and the ACSD North and South Plants.

Planned Activities:

- Finalize the *Draft Existing Capacity Review Technical Memorandum* for the ACSD and RCSD treatment facilities as part of the *Draft CSO LTCP*.

Schedule:

- Activities associated with this task were planned to occur between November of 2007 and February of 2009. In general, the treatment plant evaluations continue to move forward. At this time, the APJVT anticipates that the evaluations will be completed in conjunction with the *Draft CSO LTCP*.

Task B7 – Develop and Evaluate CSO Control Alternatives

Recent Activities:

- CSO control strategies have been developed and presented to the APCs and DEC; including: disinfection at the WWTP, system optimization, BMP's and floatable controls.

Planned Activities:

- Preparation of the CSO control strategies summary/report, for inclusion in the *Draft CSO LTCP*.

Schedule:

- Activities associated with this task were planned to occur between July of 2008 and August of 2009. At this time, the APJVT anticipates that the summary for the proposed recommendations will be completed upon receipt of public input and comments, and summarized in the *Draft CSO LTCP*.

Task B8 – Funding, Financial Impact and Affordability Evaluation

Recent Activities:

- Prepared a summary of findings for the Financial Impact & Affordability Evaluation.

Planned Activities:

- Present the summary of findings for the Financial Impact & Affordability Evaluation to the APCs and DEC. Meet with community leadership regarding possible management structures for implementation.

Schedule:

- Activities associated with this task were planned to occur between December of 2008 and September of 2009. At this time, the APJVT anticipates that the findings for the Financial Impact & Affordability Evaluation will be completed and submitted as part of the *Draft CSO LTCP*.

Task B9 – Implementation Schedule

Recent Activities:

- Prepared *Draft Implementation Schedule*.

Planned Activities:

- Present the *Draft Implementation Schedule* to the APCs and DEC.

Schedule:

- Activities associated with this task were planned to occur between April of 2009 and September of 2009. At this time, the APJVT anticipates that the implementation schedule will be completed upon receipt of public input and comments, and summarized in the *Draft CSO LTCP*.

Task B10 – Prepare Draft and Final LTCP Reports

Recent Activities:

- Continued with the development of the *Draft CSO LTCP Report* in regards to tasks completed.

Planned Activities:

- Finalize the *Draft CSO LTCP*.

Schedule:

- Per the updated Project Schedule, this Draft Report is presently expected to be completed by June 30, 2011.