

**Professional Services Related to:
Albany Pool CSO LTCP – Part B
Progress Report No. 18
June 1, 2010 – November 1, 2010**



**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 and the APCs on June 7, 2010 to review the comments from DEC in regards to the receiving waters modeling efforts; review the project schedule; provide the communities with an update on the financial impact and affordability evaluation and findings for the 2009 additional sampling program.
- TC Meetings were held with CDRPC and DEC on July 20th and July 29, 2010 to review the model issues and discuss the Presumptive versus Demonstrative approaches to CSO mitigation.
- TC Meeting was held with CDRPC, EFC and the APCs on July 12, 2010 to review the project status and discuss mitigation measures under consideration.
- TC Meeting was held with CDRPC and the APCs on October 8, 2010 to provide an overview of the water quality findings and regulatory compliance issues; provide an overview of CSO control strategies and discuss the next steps in the LTCP process. In addition, CDRPC provided a brief overview of the GIGP.

Planned Activities:

- During the next quarter, arrangements will be made for continued community, Technical Committee (TC) and Legislative Leadership meetings, as deemed appropriate.

Task B1 – Public Participation

Recent Activities:

- Technical Committee Meetings, as noted above.

Planned Activities:

- Citizen Advisory Committee (CAC) Meeting is scheduled for November 22, 2010 to discuss the river modeling approach and findings; and provide an overview of upcoming activities.

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 conditions assessment have been completed. The receiving water model will be utilized to assess potential alternatives, as appropriate.

Schedule:

- 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 receiving waters assessment 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:

- No recent activities.

Planned Activities:

- Continue development of the alternative evaluation models.

Schedule:

- 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.

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 the 1st quarter of 2011. These activities are not associated with the “critical path” for the completion of the LTCP.

Task B7 – Develop and Evaluate CSO Control Alternatives

Recent Activities:

- In general, activities were placed on hold pending resolution of the receiving water issues and concerns.
- Floatables control strategies are being evaluated.

Planned Activities:

- Work to develop regulatory compliance strategies, and identify and screen viable control technologies.
- Develop CSO control alternatives and costing.
- Continue “regional-approach” evaluations.

Schedule:

- Activities associated with this task were planned to occur between July of 2008 and August of 2009. While progress has been made in regards to the CSO control alternative evaluations, activities associated with this task were put on hold until the *Receiving Water Quality Model Development Report* and the associated findings have been agreed upon by the APCs and the DEC. As such, the task activities and timeline continued to be impacted by the river model development and assessment. Per the updated Project Schedule, this work is presently expected to be completed by April 1, 2011.

Task B8 – Funding, Financial Impact and Affordability Evaluation

Recent Activities:

- Completed collection of preliminary data, and began Financial Impact & Affordability Evaluation.
- Prepared a preliminary summary of findings for the Financial Impact & Affordability Evaluation.
- Met with APCs to review preliminary findings.

Planned Activities:

- Begin to assess impacts of proposed alternatives.

Schedule:

- Activities associated with this task were planned to occur between December of 2008 and September of 2009. Per the updated Project Schedule, this work is presently expected to be completed by April 1, 2011.

Task B9 – Implementation Schedule

Recent Activities:

- There were no activities performed for this Task during this period.

Planned Activities:

- No activities for this Task are scheduled for the next quarter.

Schedule:

- Activities associated with this task were planned to occur between April of 2009 and September of 2009. Per the updated Project Schedule, this work is presently expected to be completed by June 30, 2011.

Task B10 – Prepare Draft and Final LTCP Reports

Recent Activities:

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

Planned Activities:

- Continue with the development of the LTCP in regards to tasks completed.

Schedule:

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