

**Professional Services Related to:
Albany Pool CSO LTCP – Part B
Progress Report No. 17
March 1, 2010 – June 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 March 8, 2010 to review the draft comments from DEC in regards to the receiving waters modeling efforts.
- TC Meeting was held with CDRPC, DEC and the APCs on March 15, 2010 to review the APJVT responses to the draft comments for the receiving waters model. It was agreed upon by all involved parties that the Albany Pool CSO's are not creating a dissolved oxygen issue in the receiving waters.
- TC Meeting was held with CDRPC and the APCs on May 12, 2010 to discuss the DEC's comments (dated April 13, 2010) regarding the receiving waters model.

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 will be scheduled upon DEC's approval of the river modeling approach and findings.

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 *Receiving Water Quality Model Development (RWQMD) Report* was submitted to the DEC on February 16, 2010.
- Received draft comments from the DEC on the RWQMD Report on February 26, 2010.
- Discussion of the draft comments was held on March 15, 2010 at the TC Meeting.
- Official comments on the RWQMD Report received from DEC on April 13, 2010 requesting further clarification and work be performed in support of the findings prior to final approval of the document.
- Response letter submitted to DEC on June 4, 2010 addressing all remaining concerns and requests.

Planned Activities:

- The APCs are currently awaiting official acceptance of the report from the Department.
- Citizen Advisory Committee (CAC) Meeting will be scheduled upon DEC's approval of the river modeling approach and findings.

Schedule:

- Development of the river model is behind schedule primarily due to the time required to analyze the significant amount of data collected for the river systems. The work performed to date 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 does not expect the completion of this work until the second or third quarter of 2010. As a result, this task is presently over a year behind 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. A project schedule extension is currently being negotiated between the APCs and the DEC.

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:

- Updated ACSD south model to account for the Woodville Pump Station in order to quantify CSO activities at the overflow.

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 does not expect the completion of this work until the second to third or fourth quarter of 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 3rd quarter of 2010. 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:

- Activities were placed on hold pending resolution of the receiving water issues and concerns.

Planned Activities:

- Continue work to develop regulatory compliance strategies, and identify and screen viable control technologies.
- Continue to 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 have been 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 continue to be impacted by the river model development and assessment. Since this work is presently on hold, we are not able to predict a completion date for this task at this time.

Task B8 – Funding, Financial Impact and Affordability Evaluation

Recent Activities:

- Completed income, age and population projections for the individual communities and sewer districts.
- Completed collection of preliminary data, and began Financial Impact & Affordability Evaluation.

Planned Activities:

- Complete collection of data, and prepare a summary of findings for the Financial Impact & Affordability Evaluation.
- 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. Completion date for this work can not be assessed until the CSO Control Evaluation work resumes.

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. Completion date for this work can not be assessed until the CSO Control Evaluation work resumes.

Task B10 – Prepare Draft and Final LTCP Reports

Recent Activities:

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

Planned Activities:

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

Schedule:

- A formal request in regards to the extension to the project schedule has been submitted to the DEC. The submittal date for the Draft LTCP is presently being negotiated.