

**Professional Services Related to:
Albany Pool CSO LTCP – Part B
Progress Report No. 13
September 16, 2008 – December 31, 2008**



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



Project Management and Coordination

Recent Activities:

- Technical Committee Meeting was held with CDRPC and the Albany Pool Communities (APCs) on November 13, 2008 to review preliminary water quality data for the Mohawk and Hudson Rivers.
- Follow-up Technical Committee Meeting was held with CDRPC, DEC and the APCs on November 24, 2008 to review preliminary water quality data for the Mohawk and Hudson Rivers and to provide a status report for the project.

Planned Activities:

- During the next quarter, arrangements will be made for continued community, Technical Committee (TC) and Legislative Leadership meetings, as deemed appropriate. Anticipated activities include the next CAC Meeting and Public Information Meeting.

Task B1 – Public Participation

Recent Activities:

- Technical Committee Meetings, as noted above.

Planned Activities:

- The 3rd CAC Meeting is anticipated in the 1st quarter of 2009.
- The 2nd Public Informational Meeting is anticipated during the 1st quarter of 2009. The primary objectives of the 2nd meeting will be to review the findings of the CSS monitoring and sampling program, the receiving waters assessment and the preliminary CSS Modeling efforts.

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:

- Completed analysis of the water quality data for the river systems.
- Development of the Receiving Water Technical Memorandum to be submitted in January of 2009.

Planned Activities:

- Development of a 1-D River Model to assess impacts associated with CSO discharges, as well as proposed mitigation alternatives.

Schedule:

- Activities associated with this task were planned to occur between June of 2007 and August of 2009. 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. A Technical Memorandum summarizing the findings to date is scheduled to be submitted to the DEC in January of 2009; along with the APJVT proposed recommendations and approach for completing the assessment. The APJVT will be seeking DEC's review and comments for the proposed approach prior to moving forward with the development of the river model.

Task B3 – Combined Sewer System Mapping, Database and Digitizing

Recent Activities:

- Survey and verification work completed for the regulators, control structures and CSOs within the APCs.
- Continued the coordination and delivery of mapping and electronic files to a central project database.
- Completed digitizing of the interceptors and major trunk lines, as required for the development of the CSS models.

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:

- Continued to update sewersheds and system data in GIS in support of the modeling efforts.
- Continued development and calibration of the four (4) SWMM models for the ACSD and RCSD treatment facilities.

Planned Activities:

- Finalize dry- and wet-weather calibration efforts.
- Evaluation of proposed mitigation alternatives to begin in February/March of 2009

Schedule:

- Activities associated with this task were planned to occur between August of 2007 and August of 2009. In general, calibration of the models is behind schedule due to the late delivery of the monitoring data. Final calibration of the models was scheduled for completion by February of 2009. At this time, the APJVT anticipates that the calibration of the models will be completed by late February/early March.

Task B6 – WWTP Wet Weather Capacity Study

Recent Activities:

- Continued review of available flow and analytical information for ACSD North WWTP and South WWTP, as well as the RCSD WWTP.
- Completed future flow projections for the ACSD and RCSD facilities.
- Continued to develop the *Existing Capacity Review Technical Memorandum* for the RCSD and the ACSD North and South Plants.
- Finalized collection of field data for the ACSD treatment facilities.

Planned Activities:

- Continue to refine the hydraulic and process models for the ACSD and RCSD.
- Continue development of 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 first or second quarter of 2009. 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:

- Continued research and development of preliminary costing methods for CSO abatement technologies and solutions.
- Initiated the development of regulatory compliance strategies, and the identification and screening of viable control technologies.
- Continued work to develop regulatory compliance strategies, and identify and screen viable control technologies.

Planned Activities:

- Continue work to develop regulatory compliance strategies, and identify and screen viable control technologies.
- Workshop Session with the APC’s to provide overview of CSO technologies.

Schedule:

- Activities associated with this task were planned to occur between July of 2008 and August of 2009. In general, activities associated with this task continue to be progressed; however, the task activities and timeline will be potentially impacted by the river model development and assessment.

Task B8 – Funding, Financial Impact and Affordability Evaluation

Recent Activities:

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

Planned Activities:

- Collection of preliminary data in the 1st quarter of 2009.

Schedule:

- Activities associated with this task were planned to occur between December of 2008 and September of 2009.

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.

Task B10 – Prepare Draft and Final LTCP Reports

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:

- Submittal of the Draft CSO LTCP is anticipated by September of 2009.

