

**Professional Services Related to:
Albany Pool CSO LTCP – Part B
Progress Report No. 11
December 31, 2007 – June 15, 2008**



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



Project Management and Coordination

Recent Activities:

- Coordination Meeting was held with CDRPC and the Albany Pool Communities (APCs) on January 22, 2008 to review Draft *Combined Sewer System Monitoring Plan* prior to submission to the NYSDEC (February 1st submittal deadline).
- Coordination Meeting was held with CDRPC and the APCs on March 4, 2008 to discuss the potential need to expand the proposed *Combined Sewer System Monitoring Plan*. As a result of these discussions, the APCs elected to incorporate an additional 20 monitoring sites into the program to better define system performance.
- Technical Committee Meeting was held on March 20, 2008 to review NYSDEC comments pertaining to the Draft *Combined Sewer System Monitoring Plan*. The NYSDEC subsequently approved the plan via correspondence dated May 1, 2008. This submission represented the last of the three required report submissions, and as such, the *Scope of Work* associated with the development of the *Albany Pool CSO Long-Term Control Plan* was granted final approval by the NYSDEC.
- Editorial Board Meetings were held with the Troy Record and Times Union on March 26, 2008 and April 8, 2008, respectively.
- Coordination Meeting was held on April 4, 2008 with the APCs to discuss municipal involvement and staffing levels in regards to the upcoming field activities in support of the monitoring and sampling program.
- Sampling Training Workshop was held on April 22, 2008 to provide an overview of policies and protocols for the sampling program – attended by participating municipal employees and APJVT members.
- Upon final approval of the *Scope of Work*, the Albany Pool Joint Venture Team (APJVT) prepared an *M/WBE Work Plan* in support of this project. “Good faith efforts” were made to solicit pricing and/or bids from M/WBE firms in regards to all major subcontracted work tasks.
- “Lessons Learned” Meeting was held on June 3, 2008 to discuss operational issues and observations associated with the 1st wet-weather monitoring event in an effort to refine these activities.
- In May and June, the CDRPC auditor reviewed CDRPC’s CSO LTCP financial records and found everything to be in order.

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:

- The 2nd CAC Meeting was held on March 13, 2008 to provide a project status report, review the current project schedule and discuss the upcoming public information meeting.
- A public educational brochure was developed in support of the 1st Public Information Meeting – approximately 150 brochures have been distributed to date.
- The 1st Public Information Meeting was held on March 31, 2008 at HVCC. The public meeting included an overview of CSOs and Regulatory Compliance (presented by the NYSDEC); as well as an overview of the Long-Term Control Plan Development process, including, but not limited to, the following:
 - Project Organizational Framework
 - Public Participation Process
 - Scope of Work
 - Project Schedule

Planned Activities:

- The 2nd Public Informational meeting is anticipated during the 4th quarter of 2008. 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 results.

Task B2 – Receiving Water Conditions Assessment

Recent Activities:

- Finalized the details of the receiving water collection activities; including coordinating and subcontracting with Watershed Assessments Associates, a Woman-owned Business Enterprise who will be providing assistance to the APJVT with the implementation of the receiving water sampling program.
- Finalized the selection of the receiving water quality sampling locations.
- Finalized the selection of St. Peters Bender Laboratory for analyses of receiving water and collection system samples to be analyzed for fecal coliform and e-coli.
- Finalized the selection of Environmental Laboratory Services, a Minority-owned Business Enterprise, for receiving water and collection system samples to be analyzed for additional parameters not subject to holding times.
- Coordinated with the communities on training and logistical requirements for utilization of their staff as in-kind contribution to the sampling program.
- Coordinated with both St. Peters Bender Laboratory and Watershed Assessment to verify and confirm responsibilities of each party.
- Finalized securement of services from Michael Landin, a local meteorologist, to formally integrate him into the program to assist in the dry- and wet-weather sampling initiatives.
- Secured watercraft acceptable for sampling activities.
- Coordinated with local marinas in support of the sampling program.
- As of the date of this progress report, 9 dry-weather sampling events have been completed.
- Clarified with NYSDEC that a rolling 30-day interval would be used for the collection of the required 15 dry weather sampling events. This was confirmed through verbal and email correspondence with Cheryl Weber of the NYSDEC Central office.
- As of the date of this progress report, 1 wet-weather sampling event has been completed. This event occurred over the weekend between Friday May 31st and Sunday June 2nd.

- A “false start” occurred when sampling teams were initiated for a second wet-weather event on Tuesday June 3rd. Acceptable quantities of rainfall were not recorded for this event.
- Due to the complications of obtaining the 72-hour dry-weather interval in advance of wet-weather events, the required preceding dry interval was reduced to 48-hours. This modification to the protocols was agreed upon through verbal communications with Cheryl Weber of the NYSDEC Central Office.

Planned Activities:

- Complete remaining dry- and wet-weather sampling events.
- Analyze sampling data.

Task B3 – Combined Sewer System Mapping, Database and Digitizing

Recent Activities:

- Finalized the collection of existing system mapping in the City of Cohoes and Watervliet.
- Survey and verification work continued for the regulators, control structures and CSOs within the APCs. Efforts this period focused on the City of Cohoes and Watervliet.
- Continued the coordination and delivery of mapping and electronic files to a central project database. Continued electronically mapping (digitizing) the interceptors and collection systems required for the CSS modeling efforts.

Planned Activities:

- Finalize supplemental survey information for model development.
- Finalize the digitizing of the Interceptors and major trunk lines, as required for the development of the CSS models.

Task B4 – Combined Sewer System Monitoring

Recent Activities:

- Coordination Meeting was held with CDRPC and the APCs on January 22, 2008 to review Draft *Combined Sewer System Monitoring Plan* prior to submission to the NYSDEC (February 1st submittal deadline).
- Addressed comments from the communities and the NYSDEC regarding the Draft *Combined Sewer System Monitoring Plan*. The Final Draft *Combined Sewer System Monitoring Plan* was submitted to the NYSDEC for review on February 1, 2008.
- Comments from the NYSDEC were received on February 28, 2008.
- Technical Committee Meeting was held on March 20, 2008 to review NYSDEC comments pertaining to the Final Draft *Combined Sewer System Monitoring Plan*.
- The Final *Combined Sewer System Monitoring Plan* was then completed and submitted to the communities and the NYSDEC on April 11, 2008.
- The NYSDEC approved the *Combined Sewer System Monitoring Plan* via correspondence dated May 1, 2008. This submission represented the last of the three required report submissions, and as such, the *Scope of Work* associated with the development of the *Albany Pool CSO Long-Term Control Plan* was officially granted final approval by the NYSDEC.
- Continued coordination of Block Testing activities.
- ADS Environmental Services was selected as the flow monitoring subcontractor for this task. The communities approved the installation of 20 additional flow meters (above the

requirements presented in the original scope of work) and ADS provided a cost for the additional meters.

- Continued verification of sewershed boundaries for determination of preliminary CSS flow monitoring and CSS wastewater sampling locations; and for the collection system modeling.
- Continued to pursue the use of a Minority-owned Water Quality Laboratory to be utilized to perform analytical work on the wet weather samples from the Combined Sewer System Sampling points. Finalized the selection of Environmental Laboratory Services, a Minority-owned Business Enterprise, for the collection system samples to be analyzed for parameters not subject to holding times.
- All CSS monitors were installed and operational prior to June 1, 2008.

Planned Activities:

- Collect and analyze CSS monitoring and sampling data. Completion of the CSS monitoring and sampling program is anticipated by September of 2008.

Task B5 – Combined Sewer System Modeling

Recent Activities:

- Developed an internal technical memorandum in regards to SWMM modeling protocols for the purposes of standardizing these efforts. A coordination meeting was held on January 4, 2008 to further discuss the modeling policies and protocols.
- Created detailed survey request maps to capture the portions of the City of Cohoes and City of Watervliet necessary to build the North ACSD model. Solicitation of bids for the required survey tasks have been requested from qualified M/WBE firms.
- Finalized CSS metering locations to be used for model calibration and verification.
- Updated sewersheds and system data in GIS in support of the modeling efforts.
- Continued development of the three (3) preliminary SWMM models for the ACSD and RCSD treatment facilities.

Planned Activities:

- Continue preliminary model setup and calibration efforts. Dry- and wet-weather calibration data to be available in September of 2008.

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.
- Collected additional survey data for the RCSD wastewater facilities, necessary to evaluate the hydraulics.
- Performed a hydraulic data collection workshop defining the requirements for the ACSD North Plant.
- Developed process modeling objectives, as well as additional sampling requirements.

- Developed preliminary hydraulic models of the ACSD and RCSD wastewater facilities. As a result, hydraulic limitations at the treatment facilities and pump stations were identified for the RCSD system.
- Developed the preliminary process models for the ACSD and RCSD wastewater facilities.
- Continued to develop the Draft *Existing Capacity Review Technical Memorandum* for the RCSD
- Finalized the *Existing Capacity Review Technical Memorandum* for the ACSD North and South Plants.

Planned Activities:

- Collect survey data for the ACSD treatment facilities.
- Finalize future flow projects for ACSD and RCSD.
- 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.

Task B7 – Develop and Evaluate CSO Control Alternatives

Recent Activities:

- Initiated research and development of preliminary costing methods for CSO abatement technologies and solutions.

Planned Activities:

- Begin to develop regulatory compliance strategies, and identify and screen viable control technologies.

Task B8 – Funding, Financial Impact and Affordability Evaluation

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.

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.

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.

