

**Professional Services Related to:  
Albany Pool CSO LTCP – Part B  
Progress Report No. 14  
January 1, 2009 – May 31, 2009**



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



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## **Project Management and Coordination**

### ***Recent Activities:***

- Technical Committee Meetings were held with CDRPC and the Albany Pool Communities (APCs) on January 26<sup>th</sup>, March 3<sup>rd</sup>, March 19<sup>th</sup> and April 9<sup>th</sup> of 2009 to discuss potential American Recovery and Reinvestment Act (ARRA) funding opportunities in regards to the LTCP CSO program initiatives.
- Meeting was held on March 24, 2009 with DEC to review the water quality assessment report for the receiving waters.
- GIGP Webcast was attended on April 24, 2009 by members of CDRPC, the APJVT and the APCs.
- Technical Committee Meeting was held on April 27, 2009 to provide an introduction to CSO control technologies and alternatives.
- DEC Green Infrastructure Workshop was attended on May 7, 2009 by members of CDRPC, the APJVT and the APCs.

### ***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.

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## **Task B1 – Public Participation**

### ***Recent Activities:***

- Technical Committee Meetings, as noted above.
- The 3<sup>rd</sup> CAC Meeting was held on March 30, 2009 to review the findings of the water quality assessment for the receiving waters.

### ***Planned Activities:***

- The 4<sup>th</sup> CAC Meeting is anticipated in the 2<sup>nd</sup> quarter of 2009 to review the preliminary CSS modeling findings.
- The 2<sup>nd</sup> Public Informational Meeting is anticipated during the 2<sup>nd</sup> to 3<sup>rd</sup> quarter of 2009. The primary objectives of the 2<sup>nd</sup> 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**

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*Recent Activities:*

- Completed analysis of the water quality data for the river systems.
- Receiving Water Assessment Technical Memorandum was submitted to DEC on February 6, 2009; with comments received back from DEC on May 29, 2009.
- Began development of the 1-D River Model to assess impacts associated with CSO discharges, as well as proposed mitigation alternatives.

*Planned Activities:*

- Continue development of a 1-D River Model.

*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 was submitted to the DEC on February 6, 2009; along with the APJVT proposed recommendations and approach for completing the assessment. The APJVT obtained a verbal authorization to utilize the 1-D model on March 24, 2009; with written authorization provided on May 29, 2009.

**Task B3 – Combined Sewer System Mapping, Database and Digitizing**

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*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**

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### ***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**

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### ***Recent Activities:***

- Completed the development and calibration of the four (4) SWMM models for the ACSD and RCSD treatment facilities.
- Began optimization and alternative evaluation runs for the CSS models.

### ***Planned Activities:***

- Finalize optimization runs and continue with the alternative evaluations.

### ***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.

## **Task B6 – WWTP Wet Weather Capacity Study**

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### ***Recent Activities:***

- Continued review of available flow and analytical information for ACSD North WWTP and South WWTP, as well as the RCSD WWTP.
- 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 2<sup>nd</sup> to 3<sup>rd</sup> quarter of 2009. These activities are not associated with the “critical path” for the completion of the LTCP.

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**Task B7 – Develop and Evaluate CSO Control Alternatives**

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***Recent Activities:***

- Completed development of preliminary costing methods for CSO abatement technologies and solutions.
- Continued the development of regulatory compliance strategies, and the identification and screening of viable control technologies.
- Began evaluation of CSO control alternatives.
- Held Workshop Session with the APC’s to provide overview of CSO control technologies and alternatives.

***Planned Activities:***

- Continue work to develop regulatory compliance strategies, and identify and screen viable control technologies.
- Continue to develop CSO control alternatives and costing.

***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.

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**Task B8 – Funding, Financial Impact and Affordability Evaluation**

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***Recent Activities:***

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

***Planned Activities:***

- Collection of preliminary data in the 2<sup>nd</sup> to 3<sup>rd</sup> 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**

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### ***Recent Activities:***

- Began preliminary write-ups for tasks completed to date.

### ***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 will be forthcoming.