

## MEMORANDUM



**TO:** WLSL Planning Committee  
**FROM:** Paul Dombrowski  
**DATE:** February 6, 2012  
**RE:** Periodic Update – Facilities Plan  
Woodridge Lake Sewer District

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### **Recent Work Completed November 28, 2011 through February 3, 2012**

#### **Task 1 – Project Development and Management**

- Submit grant reimbursement request for work completed in November and December.

#### **Task 2 – Meetings and Coordination**

- Prepared info and attended Planning Committee meeting on November 28, 2010.
- Coordinated work with subcontractors (Colby and SW Cole Analytical).
- Coordinated with DEEP and WLSL staff to prepare test beds and conduct the effluent distribution demonstration

#### **Task 4 - Collection System Capacity Management (Infiltration and Inflow Evaluation)**

- Completed dye testing program.
- Currently preparing detailed analysis of data and field investigations.

#### **Task 6 – Groundwater Disposal System Evaluation**

- Received review comments from DEP on the groundwater testing plan and prepared response for WLSL review. Forwarded approved comments to DEEP on December 12<sup>th</sup>.
- Worked with Colby to prepare beds for testing and Geosearch, Inc. for well installation.
- Prepared piping layout to demonstrate how flow will be distributed in test beds and visited site with DEEP.
- Coordinated to get Colby to modify Bed G-1 in accordance with DEEP field comments.
- Received a call from Joe Wettemann conveying DEEP's comments on site visit, test bed preparation and comments on testing plan responses. Prepared email summary of verbal comments and forwarded to Ken Green and John Wertam for review. Forwarded summary of Wettemann comments back to DEEP.

### **Work Planned for February 2012**

#### **Task 1 – Project Development and Management**

- Prepare and submit grant reimbursement request at the end of February.

#### **Task 3 – Define Service Area, Flows and Pollutant Loadings**

- Review and compile property info from WLSL.
- Gather GIS information available from State OPM and UConn MAGIC websites.



- Visit Town of Goshen Land Use offices to gather additional data not available from other locations.
- Prepare letter to Town of Goshen and OPM relative to State C&D map modifications.

#### Task 4 - Collection System Capacity Management (Infiltration and Inflow Evaluation)

- Prepare interim evaluation of all data and field evaluations to date and provide WLSLSD with updated plan to complete the I/I evaluation by February 10<sup>th</sup>.

#### Task 5 – Collection System SCADA System Evaluation

- Further work will commence concurrent with preparation of formal Collection System Capacity Evaluation Report.

#### Task 6 – Groundwater Disposal System Evaluation

- We are preparing for field testing of the 4 test beds in March or April (depending on weather and soil conditions), this will generally include:
  - Formalize all comments and responses on Groundwater Testing Plan and submit to DEEP.
  - Address any final comments from DEEP on Testing Plan.
  - Complete preparation of Bed A-5 that was previously too wet to add sand.
  - Initiate manual periodic monitoring of all relevant wells on site with assistance of WLSLSD staff.
  - Coordinate to have effluent distribution systems on site for testing. Work with WLSLSD staff to communicate test operating procedures and clarify staff roles.
  - Coordinate to have automated groundwater monitoring equipment on site in preparation for testing.
- Conduct field testing as conditions allow.

#### Task 7 – Treatment Facility Evaluation

- Activities will commence once Task 6 is sufficiently advanced.

#### Task 8 – Regionalization Alternatives Evaluation

- Activities will commence following completion of Task 3.

#### Task 9 – Financial Evaluation

- Activities will commence following completion of Tasks 7 and 8.

#### Task 10 – Public Participation Program

- Develop schedule for upcoming meetings with WLSLSD Planning Committee.