APPENDIX D

STERLING, OCTOBER 19, 2012, ORANGE COUNTY LANDFILL - WORK PLAN TO EVALUATE LEACHATE COLLECTION SYSTEM

Sterling Environmental Engineering, P.C.

October 19, 2012

Ms. Susan Edwards, P.E.
Chief, Remedial Section D
NYS Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E, 12th Floor
625 Broadway
Albany, New York 12233-7017

Subject: Orange County Landfill
Work Plan to Evaluate Leachate Collection System
STERLING File #2010-15 (Task 310)

Dear Ms. Edwards,

On Monday, October 15, 2012, I met with Mr. Peter Hammond and Mr. Brian Ritzinger at the Orange County Landfill to determine an appropriate course of action to assess the integrity of the existing leachate collection system upslope of the recently sampled seeps and leachate manhole. Results of the sampling were provided to the New York State Department of Environmental Conservation (NYSDEC) by letter dated September 20, 2012 and were also the subject of a conference call with the NYSDEC on October 10, 2012.

Following the meeting at the Landfill, Brian Ritzinger and I inspected leachate Tanks 4 and 5 along with the adjacent pump chambers. We also inspected the manhole between leachate Tanks 4 and 5 which was previously observed to contain a pump and riser pipe. It is this manhole and pump system that Mr. Carl Hoffman specifically mentioned during the October 10, 2012 conference call.

Brian Ritzinger and I determined that the leachate collection trenches convey collected leachate by gravity to the sumps adjacent to the leachate tanks. Manhole MH-9, upon further evaluation, is no longer in use and the electrical service is not connected. Operational records indicate the manhole is regularly pumped out when the leachate tanks are emptied.

Insomuch as the pump and forcemain from MH-9 are not in use, there is no need to conduct an integrity test of the forcemain. Rather, Orange County will proceed to obtain price quotes from qualified contractors capable of performing internal video inspections of the leachate collection trench pipes between leachate Tanks 4 and 5.

The County has determined it cannot use the inspection equipment maintained by the Sewer Department due to access limitations and observed explosive atmosphere. This inspection will require the services of a trained, qualified contractor.

The County has determined that competitive quotes should be obtained and Sterling Environmental Engineering, P.C. is proceeding to develop the Request for Proposals.

Please contact me should you have any questions.

Very truly yours,

STERLING ENVIRONMENTAL ENGINEERING, P.C.

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MPM/bc
Email/First Class Mail

cc: Peter Hammond, Orange County Department of Public Works
Steven Parisio, PG, NYSDEC Region 3
Carl Hoffman, P.E., NYSDEC Central Office

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