HDR ONE COMPANY | *Many Solutions* SM

May 14, 2012

Ms. Susan Pelz, P.E.
Program Manager, Solid Waste
Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Dept. Of Environmental Protection
MAY 16 2012
Southwest District

RE: **Resume Waste Filling in Phases I-VI**
Southeast County Landfill
Hillsborough County, Florida
FDEP Permit No. 35435-014-SO/01

Dear Ms. Pelz:

As discussed during the April 30, 2012 Southeast County Landfill (SCLF) sinkhole meeting, the Hillsborough County Public Utilities Department, Solid Waste Management Group (SWMG), intends on soon resuming waste filling within Phases I-VI in accordance with the Florida Department of Environmental Protection (FDEP) approved Fill Sequence Plans. At the time of the sinkhole development on December 14, 2010, waste filling was occurring in Phase I, Lift 13 C, located approximately 1,000 feet southeast of the sinkhole location. As a result of the sinkhole development, waste filling in Phase I was curtailed and since that time, all waste continues to be placed in Section 9 of the Capacity Expansion Area.

As discussed in the Stage 3 – Site Characterization Report, the sinkhole has been stabilized as a result of the grouting efforts during the Stage 1 and Stage 2 field work. The remaining work includes grouting the feeder conduits (Stage 4) and then isolating the sinkhole from leachate and stormwater infiltration (Stage 5). Therefore, given that the sinkhole has been stabilized, the SWMG believes that resuming waste filling in Phase I in accordance with the FDEP approved Phases I-VI Fill Sequence Plans will not impact the sinkhole and/or the remaining Stage 4 and Stage 5 field efforts.

As stated during the April 30, 2012 sinkhole meeting, the SWMG intends on resuming waste filling in Phase I, Lift 13. Further delays in resuming waste filling in Phase I and/or revising the sequence of waste placement in Phases I-VI could result in non-uniform consolidation of the clay liner, thereby potentially impacting the drainage flow and collection of leachate. Moreover, based on the FDEP approved Fill Sequence Plans, placement of waste in the proximity of the sinkhole will not occur for nearly 10 years. In addition, after completion of the Stage 5 sinkhole work, the limits of waste and the Fill Sequence Plans will be revised to exclude the area impacted by the sinkhole.

HDR Engineering, Inc.

5426 Bay Center Drive
Suite 400
Tampa, FL 33607-3444

Phone: (813) 282-2300
Fax: (813) 282-2440
www.hdrinc.com

Based on the above, the SWMG is concerned that by not soon resuming waste placement in Phases I-VI, the drainage flow of the clay liner system could potentially be adversely impacted. In addition, the SWMG believes that resuming waste placement in Phase I, Lift 13, and progressing east in accordance with the FDEP approved Fill Sequence Plans will not impact the sinkhole and/or the remaining remediation efforts. Therefore, the SWMG intends on beginning waste placement in Phase I, Lift 13 beginning July 1, 2012.

Please let us know if you have any questions or require additional information.

Sincerely,
HDR ENGINEERING, INC.

Richard Siemering
Solid Waste Section Manager

cc: Richard Tedder, FDEP
Patricia Berry, PUD
Larry Ruiz, PUD