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September 26, 2019

Mr. Joe Dertien  
Florida Department of Environmental Protection  
Solid Waste Section  
2600 Blair Stone Road/MS 4565  
Tallahassee, FL 32399

Subject: Trail Ridge Landfill Seep Repair  
Notification of Disturbance to Clay Cap for Seep Repair

Dear Mr. Dertien:

After recent inspection of the Trail Ridge Landfill (TRLF) in Duval County, Florida, two seep areas were noted on the south face of the landfill and are related with the most recent repairs from our notifications to the Department on November 11, 2018 and May 15, 2019. A field inspection will be performed by CDM Smith, Waste Management personnel, and the contractor hired by Waste Management to investigate the two locations and determine what additional repairs are necessary based on the results of the investigation. If warranted, these proposed seep repairs will disturb the existing cap. The work may include the following at both locations:

1. The existing seep repair rock bed in the vicinity of the newly identified seep will be dug up using an excavator and uncovered to expose the perforated pipe beneath the fabric and stone.
2. The perforated pipe will be extended up slope along with the stone and fabric material.
3. Each excavation will be repaired with the excavated layer materials, additional clay where needed, 2 feet of topsoil, and sod at each of the disturbed locations. Each of the soil layers will be placed and compacted.

This letter serves as a notification to the Florida Department of Environmental Protection (FDEP) for the outlined repair work. During this seep repair work, CDM Smith will ensure that no other impacts occur to the landfill cap, landfill gas or leachate collection systems. The exposed areas will be covered the same day to minimize emissions of the landfill gas and control odors. Once complete, clay and top soil will be tested for conformance with the Trail Ridge Landfill Phases 1-5 Closure Plan. CDM Smith will also take pictures to document this work and restoration efforts for the cap





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system. Once all the field work is completed, CDM Smith will submit a letter to notify FDEP that the work is complete.

If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Lisa M. Sterling".

Lisa M. Sterling, P.E., BCEE, PMP  
Principal Engineer  
CDM Smith Inc.

Enclosures

cc: Jeff Foster (COJ)  
Greg Mathes (WMI)

