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May 3, 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 Completion of Seep Repair

Dear Mr. Dertien:

On November 19, 2018, CDM Smith Inc., on behalf of the City of Jacksonville (COJ), notified the Florida Department of Environmental Protection (FDEP) of seep repair work impacting the existing clay cap of the Trail Ridge Landfill (TRLF). CDM Smith is pleased to submit this letter, which summarizes the activities of the seep repair work performed from January through March 2019 and serves as a notification of completion of the work.

Field activities included the repair of 4 separate seep locations. In the initial field inspection, 7 repair locations were identified, however, 3 of those locations were dismissed from the repair list due to no visible seepage at the time of construction. Repair work included installation of a four-inch pipe that was connected to the existing leachate pump station via saddle-tap and extended at a 1-3% slope to the appropriate seep locations. At each of the 4 repair locations, a backhoe and excavator were used to penetrate the vegetative top soil and protective cover, clay cap and the intermediate/daily cover. Perforated pipe was then laid over a bed of fabric and clean stone, allowing liquid to trickle into the pipe and flow via gravity into the leachate pump station. Upon completion of work at each location, clay and top soil were tested for conformance with the Trail Ridge Landfill Phases 1-5 Closure Plan and passed at all locations. As part of this work, no other impacts occurred to the landfill cap or gas management systems. Photographs documenting the work described can be found in **Attachment A**.

Sincerely,

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

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





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April 30, 2019
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Attachment A







