



CARLSON ENVIRONMENTAL CONSULTANTS, PC

LANDFILL GAS AND SOLID WASTE SPECIALISTS

March 28, 2018

Mr. Brian Durden
Florida Department of Environmental Protection
Northeast District Office
8800 Baymeadows Way West, Suite 100
Jacksonville, FL 32256-7590

RE: Trail Ridge Landfill
WACS ID 33628
Notification of Well Abandonment and Replacement

Dear Mr. Durden:

On behalf of Trail Ridge Landfill, Inc. (TRL), Carlson Environmental Consultants, PC (CEC) is submitting notification to the Florida Department of Environmental Protection (FDEP) of the planned abandonment and replacement of SGMW-1(S). As previously reported, TRL has been unable to obtain valid samples in this well due to elevated turbidity that we suspect is caused by a damaged well casing. The work is scheduled to occur on Wednesday, April 18, 2018.

SGMW-1(S) is a shallow temporary detection well fifteen feet in depth which monitors only the surficial aquifer side-gradient to Phase 6. The well is located within the future waste footprint and will eventually be covered with liner. The well will be abandoned by removing the concrete and bollards and pulling the casing using heavy equipment. The bore will be plugged with native soil available on-site.

The replacement well will be the same specifications as the existing well and will be located as close as possible to the existing well on an east/west axis, depending on field conditions. In accordance with the approved Water Quality Monitoring Plan, the replacement well will be two-inch inner diameter and will be installed using a direct push drill rig utilizing a prepacked filter screen. The screened interval will be 5-15 feet below ground surface with top of casing approximately 3 feet above ground surface. Contractor will install concrete pad, protective bollards, and a lockable aluminum protective casing. The new well, tentatively to be named SGMW-1SR, will be developed and sampled in a dedicated sampling event after installation. We will notify FDEP of the date of the sampling in a separate letter. A Monitoring Well Completion Report, appropriate as-builts and logs, and survey information will be submitted within thirty days of installation in accordance with the Solid Waste Permit.

If you have any questions regarding this notification, please contact either me at 321-704-4162 or Eric Parker at 904-748-6006.

Sincerely,

Jim Christiansen
Project Director
Carlson Environmental Consultants, PC

cc: Seth Ramaley, P.G., Waste Management
Eric Parker, Waste Management In. of Florida
Eric Fuller, City of Jacksonville
Peter Walls, P.E., P.G., CEC