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From: Ken Guilbeault
To: Schroer, Jeffrey; DEP_NED
Cc: Jim Christiansen; Eric Parker; Ramaley, Seth; Mathes, Greg
Subject: Notification - Trail Ridge Landfill - WACS 33628
Date: Monday, October 12, 2020 12:35:37 PM

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 new detections related to the 2nd Half 2020 semi-annual water quality monitoring event conducted August 10-12, 2020 with a resample event conducted on September 21, 2020.

Parameter	Well	Concentration
Chloride	MWB-40S	270 mg/L
TDS	MWB-40S	580 mg/L
Nickel	SGMW-1SR	110 ug/L
Ammonia	SW-3	2.7 mg/L

The background to the confirmation sampling and summary of findings is discussed below.

The confirmation sampling was performed on September 21, 2020. Water quality sampling and physical readings and measurements were performed by technical staff of Pro-Tech. Water quality analyses were performed by Advanced Environmental Laboratories, Inc. (AEL). Field work, sampling methodologies, data evaluation, and data quality assurance/quality control (QA/QC) were conducted in accordance with Florida Administrative Code (FAC) Chapter 62-160 Standard Operating Procedures (DEP-SOP-001/01), and the Pro-Tech sample team quality manual. Laboratory analyses were performed in accordance with Chapter 62160, FAC, DEP-SOP-002/01. AEL is certified by Florida Department of Health Environmental Laboratory Certification Program (DoH ELCP).

Based on the results a field evaluation was conducted in the area of MWB-39S and MWB-40S. During the evaluation two liquid seeps were noted in areas adjacent to MWB-39S and MWB-40S on the slide slope terraces. A French-drain was quickly installed connecting the two seeps and then a sump and pump were installed to remove the liquid. The sump was connected to the leachate force main. There is no evidence these seeps affected other wells at this time and no additional seeps were noted during the evaluation. There is no evidence this release has affected any other wells at this time, including the intermediate well MWB-39I in the same location as MWB-39S, and thus the impacts remain contained to a small area. TRL proposes to monitor MWB-39S and MWB-40S to ensure no other wells are impacted and concentrations decline.

The nickel at detection well SGMW-1SR appears to have been impacted by elevated turbidity in the monitoring well during sampling (98.3 NTU) and resampling (88.4 NTU). This very

shallow, side-gradient well within the permitted waste footprint is installed in muck and turbidity has intermittently been elevated along with metal exceedances. This monitoring well is scheduled to be abandoned within the next year for construction of the next cell (Phase VII).

If you have any questions or comments regarding this correspondence please contact us at (813) 240-4568 or Eric Parker at (904) 562-9755.

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