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November 12, 2018

Oregon Department of Environmental Quality  
Cleanup Program, Northwest Region  
Attn: Kevin Dana, Project Manager  
700 NE Multnomah Boulevard, Suite 600  
Portland, Oregon 97232

RE: Status of Soil Cap Placement – Troh Legacy Landfill (ECSI No. 5257)

Mr. Dana,

Creekside Environmental Consulting (Creekside) and EVREN Northwest, Inc. (ENW) have been monitoring the progress of the inert cap placement at the Troh Landfill. The following presents a status update of the cap placement activities.

With the exception of a small area (see below), Kerr construction has completed the installation of the Securgrid demarcation fabric and roughly three to eight feet of inert soil materials over the Troh Legacy Landfill area. The surfaces of soil cap have been stabilized with turf seed and straw wattles. Since placement and compaction of the soil cap, there has been no evidence of landfill seeps previously observed at the toe of the landfill near its eastern margin.

Due to steep terrain, a small area at the eastern margin of the former landfill site has been covered by demarcation fabric; however, has not yet received a protective cover. Based on Creekside test pit logs for TP17, TP18, TP19 and TP20, this area of the landfill has been covered with approximately one to two feet of pre-existing inert soil cap materials, which overlie the construction and demolition debris. The demarcation fabric and natural vegetation is anticipated to secure uncapped area until it can be capped.

Due to steep terrain, any soil eventually placed over the uncapped portion of the landfill be difficult to compact and stabilize. Stabilizing the eastward sloping terrain is important in protecting the forested area to the east. Accordingly, Creekside, ENW and AKS Engineering have proposed using a combination of soil and other means to act as the protective cover.

Specifically:

1. An additional 0.6 feet of soil in the TP17 cap area.
2. Placement of 1-foot thick rip-rap.

If DEQ agrees with this approach, Creekside and AKS will provide engineered drawings of the revised cap in this area. Kerr anticipates that the cap will be implemented during Summer 2019.

If you have any questions, please contact Lynn Green.

Sincerely,

Lynn D. Green, CEG, Technical Manager, ENW