



Request to Disturb Final Cover over a Closed Municipal Solid Waste Landfill for Non-Enclosed Structures

To: TCEQ

From: Jason Schwarz, PE, Project Manager – Geotechnical
HVJ Associates, Inc.

DATE: February 14th 2017

Austin, TX 78744-1045

The Butler Landfill is owned by the City of Austin and is located along the southern shore of Town Lake along the MoPac bridge. The landfill covers stockpiles of household waste. HVJ proposes to drill and sample 31 locations with a skid steer loader equipped with an auger. The borings will be drilled through the top cover of the landfill to a maximum depth of 5 feet. The borings will serve as a cover presence/thickness and will not be drilled through the existing landfill waste. If the landfill trash is encountered before 5 feet, the boring will be terminated at that depth and backfilled. HVJ will also be using an OVM meter during drilling operations to monitor the levels of methane gas. The borings will be backfilled with the bentonite chips and compacted back to existing grade. If methane levels are detected over the threshold limit value or 25% LEL work will stop immediately until the level dissipates. If a boring is drilled through the liner, the material will be collected in a drum and disposed of at an offsite facility. The solids will be containerized, characterized, and disposed of at an authorized facility. Groundwater is not expected to be encountered during the drilling process, but if it is and requires removal, then it will be containerized, characterized, and disposed at an authorized facility.

I, Jason Schwarz, P.E. #99343, certify that the proposed development is necessary to reduce a potential threat to public health or the environment, or that the proposed development will not increase or create a potential threat to public health or the environment. Further, I certify that the proposed development will not damage the integrity or function of any component of the Closed Municipal Solid Waste Landfill Unit, including, but not limited to, the final cover, containment systems, monitoring system, or liners. This certification includes all documentation of all studies and data on which I relied in making these determinations."

This is an investigation to determine parameters that will influence the final design of the project shown in concept on the attached. Final design plans will be submitted to TCEQ upon completion using the information gathered in this boring activity. The bores are intended to help define the extent of landfilled materials in the subject area.

Sincerely,

HVJ ASSOCIATES
Firm License No. F-18091



2-14-17

Jason Schwarz, PE
Senior Project Manager

JS

Copy

Tony Arnold, Parks Department
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Austin TX, 78705

