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March 15, 2019

Mr. Jason A. Miller
Land Protection Manager
Commonwealth of Virginia
Department of Environmental Quality
Piedmont Regional Office
4949-A Cox Road
Glen Allen, Virginia 23060

**Re: Shoosmith Sanitary Landfill, Permit No. 587
GPS Exceedance Notification
First Quarter 2019 Groundwater Monitoring Event
Project No. 2190527.00/Phase 01**

Dear Jason:

On behalf of Shoosmith Bros., Inc., Joyce Engineering (JOYCE) is hereby notifying the Virginia Department of Environmental Quality (DEQ) of Groundwater Protection Standard (GPS) exceedances during the first quarter 2019 compliance monitoring event at the Shoosmith Sanitary Landfill, Permit No. 587 (facility). The facility is monitored under the Assessment Monitoring program, with a subset of wells monitored under the Detection Monitoring program. The first quarter 2019 event was conducted on January 15 through 17, and February 28, 2019. The laboratory data packages were dated February 1 and March 12, 2019.

Based on value-to-value comparisons, the following constituents exceeded their respective GPS or background values during the first quarter 2019 groundwater monitoring event:

Constituent	Monitoring Well	Result	GPS
Beryllium	MW-102	6.8	4

Note: All concentrations are in micrograms per liter

The beryllium exceedance in MW-102 was previously addressed in an Alternate Source Demonstration (ASD) approved by DEQ on September 22, 2014. Therefore, the beryllium detection in MW-102 does not represent a GPS exceedance.

A complete report documenting the activities and results of the first quarter 2019 event will be submitted under separate cover.

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Please contact me at (804) 355-4520 if you have any questions or comments.

Respectfully,
JOYCE ENGINEERING



Ryan Smith
Technical Consultant

c: Bruce Coble, Shoosmith Bros., Inc.
Dean Starook, DEQ-PRO
Geoff Christe, DEQ-CO

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