



October 4, 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
Third Quarter 2019 Groundwater Monitoring Event
Project No. 2190527.00/Phase 01**

Dear Jason:

On behalf of Shoosmith Bros., Inc., LaBella Associates, D.P.C., P.C. (LaBella) is hereby notifying the Virginia Department of Environmental Quality (DEQ) of Groundwater Protection Standard (GPS) exceedances during the third 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 third quarter 2019 event was conducted on July 24 through 26, 2019. Due to samples being received at the laboratory outside of holding temperature for MW-114R, replacement samples were collected from MW-114R on July 31 and August 9, 2019. The laboratory data packages were dated August 20, 21, and 23, 2019.

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

Constituent	Monitoring Well	Result (µg/L)	GPS (µg/L)
Benzene	MW-19R	5.72 (5.12)	5

*Note: All concentrations are in micrograms per liter (µg/L)
Verification event is shown in parenthesis.*

Due to the suspect GPS exceedance of benzene in MW-19R, the facility will collect additional samples for a statistical comparison to GPS. The results from the statistical analysis will be completed prior to the next compliance monitoring event and submitted to the DEQ once complete. A complete report documenting the activities and results of the third quarter 2019 event will be submitted under separate cover.



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

Respectfully,
LaBella Associates

Ryan Smith
Technical Consultant

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

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