



September 1, 2021

Mr. Dean Starook
Groundwater Remediation Specialist
Commonwealth of Virginia
Department of Environmental Quality
Piedmont Regional Office
4949-A Cox Rd.
Glen Allen, Virginia 23060

**Re: Shoosmith Sanitary Landfill, Permit No. 587
Table 3.1 Column B Constituent Detection Notification
Third Quarter 2021 Groundwater Monitoring Event (MW-103DR)
Project No. 2210264.01/Phase 01**

Dear Mr. Starook:

On behalf of Shoosmith Bros., Inc., and in accordance with 9VAC20-81-250.B.3.c.(1), LaBella Associates, D.P.C., P.C., (LaBella) is hereby notifying the Virginia Department of Environmental Quality (DEQ) of detections of Virginia Solid Waste Management Regulations (VSWMR) Table 3.1 Column B constituents at the Shoosmith Sanitary Landfill during the third quarter 2021 compliance monitoring event, specifically from monitoring well MW-103DR. Monitoring well MW-103DR was installed on August 11, 2021, and was initially sampled on August 13, 2021, for VSWMR Table 3.1 Column B list of constituents. The complete laboratory data package for the MW-103DR monitoring event was received on August 20, 2021.

The Column B constituents detected in MW-103DR during the third quarter 2021 monitoring event are listed on the attached Analysis Detects Report, provided by Enthalpy Analytical (Enthalpy), of Richmond, Virginia. **As shown, there were no new Column B constituents detected in MW-103DR during the third quarter 2021 groundwater monitoring event.** Including the results from the third quarter 2021 groundwater monitoring events, the current list of Table 3.1 Column B detected constituents includes: cyanide; tin; bis(2-ethylhexyl)phthalate; di-n-butylphthalate; dichlorodifluoromethane; heptachlor; endosulfan I; kepone; sulfide; naphthalene; mercury; 1,3-dichlorobenzene; total cresols; m,p-cresols; and 2,4,5-TP (Silvex).

Please note that the analytical data provided by the laboratory has not undergone data validation. Data validation will be completed 30 days from the receipt of the laboratory data package for MW-103DR.



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

Respectfully,
LaBella Associates

Ryan Smith
Technical Consultant

Attachment: Enthalpy Analysis Detects Reports

cc: Bruce Coble, Shoosmith Bros., Inc.
Shawn Weimer, DEQ-PRO
Geoff Christe, DEQ - CO

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Certificate of Analysis

Final Report

Laboratory Order ID 21H0755

Client Name: LaBella Associates, D.P.C.
1604 Ownby Lane
Richmond, VA 23220

Date Received: August 13, 2021 9:25
Date Issued: August 20, 2021 13:55
Project Number: 2210264.01.01
Purchase Order:

Submitted To: Michael Anderson

Client Site I.D.: Shoosmith SLF 3rd QTR 2021

Enclosed are the results of analyses for samples received by the laboratory on 08/13/2021 09:25. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

Ted Soyars
Technical Director

End Notes:

The test results listed in this report relate only to the samples submitted to the laboratory and as received by the Laboratory.

Unless otherwise noted, the test results for solid materials are calculated on a wet weight basis. Analyses for pH, dissolved oxygen, temperature, residual chlorine and sulfite that are performed in the laboratory do not meet NELAC requirements due to extremely short holding times. These analyses should be performed in the field. The results of field analyses performed by the Sampler included in the Certificate of Analysis are done so at the client's request and are not included in the laboratory's fields of certification nor have they been audited for adherence to a reference method or procedure.

The signature on the final report certifies that these results conform to all applicable NELAC standards unless otherwise specified. For a complete list of the Laboratory's NELAC certified parameters please contact customer service.

This report shall not be reproduced except in full without the expressed and written approval of an authorized representative of Air Water & Soil Laboratories, Inc.

Analysis Detects Report

Client Name: LaBella Associates, D.P.C.
Client Site ID: Shoosmith SLF 3rd QTR 2021
Submitted To: Michael Anderson

Date Issued: 8/20/2021 1:55:35PM

Laboratory Sample ID: 21H0755-01 Client Sample ID: MW-103DR

Parameter	Samp ID	Reference Method	Sample Results	Qual	LOD	LOQ	Dil. Factor	Units
Barium	01	SW6010D	143		5.0	10.0	1	ug/L
Beryllium	01	SW6010D	2.1	J	2.0	4.0	1	ug/L

Note that this report is not the "Certificate of Analysis". This report only lists the target analytes that displayed concentrations that exceeded the detection limit specified for that analyte. For a complete listing of all analytes requested and the results of the analysis see the "Certificate of Analysis".

