

July 24, 2023

Mr. Jason Wilson, Chief Solid Waste Division
Alabama Department of Environmental Management
Solid Waste Branch, Land Division
P.O. Box 301463
Montgomery, Alabama 36130-1463

**SUBJECT: Groundwater Monitoring Report, March 2023
Butler Green Industrial Landfill, Parcel 175(5) (Permit No. 08-02)
McClellan, Anniston, Alabama**

Dear Mr. Wilson,

On behalf of the McClellan Development Authority (MDA), Matrix Environmental Services, LLC (MES) is pleased to submit the Groundwater Monitoring Report for the March 2023 semi-annual groundwater monitoring event at the Butler Green Industrial Landfill, Parcel 175(5). This report was completed in accordance with the requirements of the Solid Waste Disposal Facility Permit No. 08-02 for the Butler Green Industrial Landfill, the *Alabama Department of Environmental Management (ADEM) Land Division Solid Waste Program Division 13 Regulations (ADEM Division 13 Regulations)*, and the *Alabama Groundwater Monitoring Reporting Guidance for Solid Waste Facilities*.

The March 2023 groundwater monitoring event was performed under the Assessment Monitoring program. During this monitoring event, there were the following SSI occurrences: cobalt and nickel in well LF4-MW1; cobalt, nickel, and zinc in well LF4-MW2 and cis-1,2-dichloroethene, trans-1,2-dichloroethene, chlorobenzene, and trichloroethene in well LF4-MW4. Analytical results were consistent with historical detections. This letter serves to inform you of the SSIs pursuant to subparagraph (2)(n) of Code Rule 335-13-4-27 of the *ADEM Division 13 Regulations*.

The concentrations of the SSI constituents were compared to the groundwater protection standards, i.e., the maximum contaminant levels (MCLs) or to background in the case of cobalt which does not have a promulgated MCL. The MDA proposes the Assessment Monitoring program continue with the next semi-annual groundwater monitoring event scheduled for September 2023.

Please contact me at (256) 847-0780 (Anniston) or (770) 594-0331 (Atlanta) should you have any questions or comments.

Sincerely,
Matrix Environmental Services, LLC



Richard Satkin, P.G.
McClellan Program Manager

CC: Mr. Jason Odom, MDA (transmittal letter only)
Ms. Heather Jones, ADEM
Ms. Lisa Holstein, Army (three paper and 2 electronic copies)
MES Project File