

April 16, 2015

Ms. Jackie Drummond
North Carolina Department of Environment and Natural Resources
Division of Waste Management, Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

**RE: Notification of Detections above NC 2L or SWS GWPS Standards
First Semiannual Sampling Event of 2015
Granville County – Closed Butner Landfill, Permit No. 39-02
JOYCE Project No. 00660.1501.12, Task 07**

Dear Ms. Drummond:

On behalf of Granville County, Joyce Engineering is submitting this notification of exceedances of 15A-NCAC-2L (NC-2L) groundwater standards at the Granville County – Butner Landfill, Permit No. 39-02, in accordance with Title 15A, Chapter 13, Subchapter 13B, Section .1634 (g) of the North Carolina Solid Waste Management Regulations. The first semiannual sampling event of 2015 at the Butner Landfill took place on March 10, 2015. The samples were sent to Pace Analytical Services, Inc. for analysis. Groundwater samples from MW-4, MW-5, MW-6 and the surface water samples were analyzed for Appendix I constituents, and samples from MW-1R, MW-2R, and MW-3R were analyzed for Appendix II constituents plus MNA parameters. The sample from the performance well NES-1 was sampled for Appendix I VOCs plus MNA parameters.

Antimony was reported above the NC 2L standard in MW-2R and MW-3R and Cobalt was reported above the GWPS in MW-5. Preliminary statistical analysis does not indicate statistical increases above the calculated background value for antimony or cobalt.

Benzene in MW-2R was reported above the NC 2L Standard at 1.7 µg/L. In response to the historical exceedances, Granville County has implemented an approved Corrective Action Plan (CAP), as required by the NC DENR.

A complete report documenting the activities and results of the first semiannual compliance monitoring event of 2015 will be submitted to the NC DENR under separate cover. If you have any questions or need additional information, please feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.



Van Burbach Ph.D., P.G.
Technical Consultant

Copy: Amanda Freeman, Granville County