



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

Solid Waste Section

July 16, 2013

Mr. J. David Wallace, P.E.
Shield Engineering, Inc.
4301 Taggart Creek Road,
Charlotte, NC 28208

Re: Notes from Meeting – June 26, 2013
City of Albemarle Landfill – closed MSW landfill
Modification to MNA sampling schedule
Permit No. 84-01
Document ID No. 19308
Revision to letter by Solid Waste Section - written 7/15/13

Dear Mr. Wallace:

Thank you, Nina Underwood, and Darren Preslar for meeting with the Ervin Lane and me on June 26, 2013, regarding proposed modifications to the MNA sampling schedule associated with groundwater monitoring at the closed MSW landfill. As we discussed and agreed to in the meeting, the report you submitted on April 25, 2013 shall be revised to include the following:

The revised MNA weighting scores you included in the subsequent e-mail to the Solid Waste Section (SWS) on June 17, 2013, shall be included in the report.

East Plume: Groundwater monitoring wells, MW-3, MW-9, and GW-10 shall be sampled for MNA parameters every two (2) years and for Appendix I parameters semi-annually.

***West Plume:** Groundwater monitoring wells, MW-2, MW-6, MW-7, MW-24, and MW-25, shall be sampled for MNA parameters every four (4) years. MW-2, MW-6 and MW-7 shall be sampled for Appendix I parameters semi-annually. The new compliance groundwater monitoring well, MW-29 shall be sampled initially for MNA parameters, and Appendix I parameters in August 2013. Depending on the groundwater sampling results, further MNA and possible additional Appendix II sampling maybe warranted. If groundwater sampling results obtained from MW-29 show no detections, then Appendix I sampling shall occur annually for MW-29, MW-24, and MW-25. After groundwater monitoring MW-29 is constructed, a well construction record for this well shall be sent to the Solid Waste Section, in addition to a revised drawing depicting the surveyed location of MW-29. A map showing the revised Compliance Boundary is estimated to be completed at some point before the end of the year.

*Note: Revision to sample groundwater monitoring wells, MW-24 and MW-25 for Appendix I parameters annually instead of semi-annually as previously stated.

This letter shall supersede the letter written to you on July 15, 2013.

If you have any questions, you may contact me at (919) 707-8258 or Ervin Lane at (919) 707-8288.

Sincerely,

A handwritten signature in cursive script that reads "Brian Wootton".

Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Darren Preslar, City of Albemarle
Nina Underwood, City of Albemarle
Ervin Lane, NC Solid Waste Section
Ed Mussler, NC Solid Waste Section