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Barbee, Zinith

From: Dave Pasko [dave.pasko@mcgillengineers.com]
Sent: Thursday, June 03, 2010 8:36 AM
To: Barbee, Zinith
Cc: 'Stephen King'; 'Denese Ballew'; Keller, Andrea; 'Mark Shumpert'; 'Andrew W. Alexander'
Subject: RE: Replacement of Wells and Sampling Station at White Oak Landfill

Zinith,

We appreciate your response to my earlier email regarding the installation of replacement monitoring wells MW 3, MW 3D, and LFG 4 at the White Oak Landfill (WOLF), as mentioned in your attached letter. Haywood County will submit a response to that letter later in the week as well as address the concerns of NCDENR Environmental Senior Specialist Andrea Keller, as noted in her May 12, 2010 Audit Report. The letter will describe the steps that the County has taken to address NCDENR's concerns regarding environmental monitoring at the WOLF.

One of the monitoring wells (MW 9) mentioned in your letter has required a great deal of investigation in order to determine its location. The available Permit to Construct MSW Phase 2 information that the County has shows MW 9 located well to the northeast of the leachate lagoon, out of the way of any grading associated with the construction of MSW Phase 3. Haywood County landfill staff and McGill Associates personnel have not been able to locate this MW. It was assumed that this well was located as shown on the Permit to Construct MSW Phase 2 drawings, although no record drawings for this well have been located. It was brought to our attention that MW 9 was filled over during the construction of MSW Phase 3. I met with the WOLF Landfill Manager, Denese Ballew, and the County's sub-contractor that performs the sample collection of the monitoring wells, Mark Swann of PACE Laboratories. Mr. Swann has been collecting monitoring well samples at the WOLF since 1993 and has very precise field notes regarding the location and well depths of MW 9. Based on the information provided by Mr. Swann, we know the location of MW 9 within ±3'. MW 9 is located in the vicinity of MW's 3 & 3D and was covered with approximately 15' of fill material. The area is on the side of a steep slope and MW 9 cannot be dug out without impacting the work done at the nearby leachate lagoon. The County would like to install MW 9r as close as possible to the original location of MW 9. The County will be required to construct an access road to the proposed location of MW 9r.

Haywood County is in the process of finalizing a contract with BLE, Inc. to install replacement monitoring wells MW 3(r), MW 3D(r), MW 9(r), LFG 4 (r), in addition to the MW's and LFG's noted on the Permit to Construct documentation. Please feel free to contact me if you wish to discuss this project. We look forward to completing the installation of this environmental monitoring infrastructure at the WOLF and obtaining a Permit to Operate MSW Phase 3.

Dave Pasko
McGill Associates
828/252-0575

From: Barbee, Zinith [mailto:zinith.barbee@ncdenr.gov]
Sent: Wednesday, May 05, 2010 3:39 PM
To: Stephen King
Cc: dpasko@mcgillengineers.com; Gaither, Allen; Lane, Ervin; Keller, Andrea
Subject: Replacement of Wells and Sampling Station at White Oak Landfill

Attached is a letter regarding the Environmental Monitoring Plan for the White Oak MSW Landfill, Permit 44-07. Please contact me if there are any questions.

Zinith Barbee
Hydrogeologist
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Division of Waste Management

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