



ARKANSAS
Department of Environmental Quality

February 10, 2014

Ms. Donna Cantrell
NABORS Class 4 Landfill
1305 Rossi Road
Mountain Home, AR 72653

**RE: Notice of Deficiency for the 2012 Annual Engineering Inspection Report
NABORS Class 4 Landfill**
Permit Number: 0249-S4 **AFIN: 03-00051**
Document Number: 65407 **Cross Reference Number: 65010**

Dear Ms. Cantrell:

The Solid Waste Management Division (SWMD) has received the Annual Engineering Inspection Report (AEIR) submitted on your behalf by FTN Associates, Ltd., for the NABORS Class 4 Landfill. In accordance with Regulation 22.619(b), a professional engineer registered in the State of Arkansas shall inspect the landfill site at least annually and prepare an annual report addressing operational compliance with permit conditions, permit plans, specifications, narrative and all applicable regulations. The report shall address the 12-month period from January through December and shall be submitted to ADEQ by June 30 of the following year. An administrative review of this AEIR has been conducted pursuant to the minimum requirements specified below with the deficiencies identified:

Regulation 22.619(b)(6)-Quantity, location and characteristics of leachate collected, recirculated and disposed;

Deficiency: The AEIR contained analysis reports for only one sampling event. Regulation 22.429(1)(3) states the initial sampling frequency shall be at the same frequency required under Chapter 12 for groundwater monitoring. Currently, the site is under detection and assessment monitoring for groundwater. Sampling frequency may be adjusted as follows:

- (1) If the owner or operator is required to implement an assessment monitoring program, quarterly sampling of leachate shall be performed for the first year of the assessment monitoring program.
- (2) The Director may decrease the sampling frequency where historical data indicates little variation in the concentration of detected constituents.

Regulation 22.619(b)(10)-Updated Financial Assurance documentation as required in Chapter 14 Financial Assurance Criteria of these regulations.

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Deficiency: The AEIR did not contain updated Financial Assurance documentation showing the facility has posted sufficient funds for closure and post-closure care.

Regulation 22.619(b)(12)-Any other items that affect compliance at the landfill;

Deficiency: The AEIR noted several items that affect compliance at the landfill. These include groundwater monitoring results, statistical and landfill gas monitoring requirements, overfill management plan implementation, completion of closure activities and submission of updated and approved financial assurance mechanisms to reflect the revised closure and post-closure cost estimates.

Updated cost estimates for closure and post closure care should consider necessary site improvements and corrections such as overfill removal, regrading, leachate removal, seeding, stormwater upgrades or any other monitoring or maintenance requirements of the permit.

Please provide a discussion and update for each item affecting compliance and a method for meeting compliance.

Please call me at (501) 682-0608 should you have any questions regarding the above information.

Sincerely,



Maria Matoska
Permit Engineer



Bryan Leamons, P.E.
Engineer Supervisor

cc: Susan Speake, Programs Branch Support Manager, SWMD
Gary Meador, SWMD District Inspector
Scott McWilliams, Enforcement Coordinator SWMD
Kevin Hodges, FTN Associates, Ltd.