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Lt. Governor

Michael W. Sole
Secretary

VIA EMAIL
February 20, 2007

Mr. Reginald Dawkins and Mr. Phil Myers
Black and Veatch
1120 Sanctuary Parkway, Suite 200
Alpharetta, GA 30004

Dear Mr. Dawkins and Mr. Myers:

I appreciate the time you devoted to the field sampling performance audit conducted at the JEA Northside site in Jacksonville, Florida on October 16, 2007. The audit was conducted by the Environmental Assessment Section (EAS) and included a subsequent review of sampling logs and other documentation submitted to our office for the day the audit was performed.

Sampling activities were audited using the DEP SOP ("Standard Operating Procedures for Field Activities", DEP-SOP-001/01), revision February 1, 2004.

Deficiencies

All deficiencies can be found listed in the attached Word document. Please review the audit findings and provide a response to each. The following items summarize deficiencies found in the audit:

- pH Checks must be performed on the acidified samples. This deficiency was discussed in the field and the samplers indicated that they would check pH for the following day's samples.
- Well volume must be calculated as described in FS 2211, section 5.
- Depth to groundwater must be measured at frequent intervals during purging. This deficiency was discussed in the field and the samplers indicated that they would begin taking measurements on the subsequent wells. Documentation of subsequent wells included drawdown measurements.
- When purging from the top of the water column above a completely submerged screen with a pump, tubing should be placed at the top of the water column above the submerged well screen.
- Field records were missing required information and were lacking sufficient detail to recreate the sampling event by a non-observer.
- Calibration records were incomplete and insufficient for creating an accurate record of the performance of the field testing measurement equipment.

A response to this audit report was received by the Environmental Assessment Section on January 15, 2008 in which all responses were adequate. The deficiencies listed for this audit were taken into consideration by Mr. Dawkins and he indicated that necessary corrections would be made for all future sampling events.

Please let me know if you have any questions or need further assistance.

Sincerely,

Jessica Patronis
Environmental Assessment Section
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Attachment: Field Performance Audit of Sampling Procedures (JEANorthside.doc)

cc (via e-mail): Nicanor Madrid, FDEP RCRA Section
Andy Tintle, FDEP Environmental Assessment Section
Thomas Frick, FDEP Environmental Assessment Section
Matthew R. McClure, Jacksonville Electric Authority