



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
CENTRAL DISTRICT
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RICK SCOTT
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SECRETARY

May 09, 2013

VIA ELECTRONIC MAIL
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Mr. Leonard Marion
Volusia County Solid Waste Services
3151 East State Road 44
Deland, FL 32724-6409

OCD-SW-13-1265

Volusia County – SW
Tomoka Farms Road Landfill
**Review of Groundwater Evaluation Monitoring
Summary Report**

Dear Mr. Marion:

As part of the Evaluation Monitoring process, the Department had reviewed the following documents:

Report	Submitted By	Report Date	DEP Received Date
Groundwater Evaluation Monitoring Summary Report	HDR	3/19/2013	3/20/2013
February 2013 Quarterly Monitoring Data	ADaPT	4/3/2013	4/3/2013

The following is a summary of the conclusions and recommendations in the report and the Department's response:

- 1) The summary document requested that the Evaluation Monitoring be revised per the FDEP Memorandum dated December 3, 2012, addressing the subject "Monitoring and Evaluation of Ammonia in Groundwater at Solid Waste Management Facilities SMW13.10".

This has been done. Any evaluation monitoring for only ammonia may be terminated. In the wells that were to be monitored for both benzene and ammonia, both parameters must be included in the sampling. (See attached email dated 4/23/2013 for details)

- 2) When the Department's 10/29/2012 letter was written Rule 62-701.510(7)(a)2., F.A.C., required quarterly sampling of Appendix II for assessment wells. On 1/6/2010 (after the Department's 10/29/2012 letter) Rule 62-701.510(7)(a)2., F.A.C., was revised to require only quarterly sampling and analysis of Appendix I parameters and annual sampling and analysis of Appendix II parameters. (Rule 62-701.510(7)(a)2., F.A.C., was also renumbered; it became Rule 62-701.510(6)(a)2., F.A.C.)

Section 3.1 of the Groundwater Evaluation Monitoring Summary Report notes that the facility will be using the revised criteria in Rule 62-701.510(6)(a)2., F.A.C. Based on the data 2010-2013 the Department agrees quarterly sampling and analysis of Appendix I parameters is appropriate.

Furthermore, the Department has decided that based on the data provided the annual sampling requirement for Appendix II is suspended.

3) Section 5.0 concludes:

“The current groundwater monitoring network, plus the proposed new wells to be installed are adequate to delineate contamination around the Class III Landfill. No additional wells are proposed at this time.”

The report covers the sampling period 2010-2012. The Department agrees with the conclusion in Section 5.0 as it relates to the time period 2010-2012. However, the Department has been able to review the additional data in the quarterly sampling done February 2013. This event includes the initial sampling from the 6 new assessment wells. Three of these new assessment wells (B76-6, B79-6, and B86) indicate that the plume has not been defined and additional wells may be needed.

Testsite Name	Parameter Name	Result 2/11/2013	Measurement Unit
B76-6	BENZENE	11.2	UG/L
B79-6	BENZENE	8.6	UG/L
B86	BENZENE	10.9	UG/L

The Department requests that the facility submit the 2013-05 semi-annual data (May 2013 sampling event) to the Department then arrange a July 2013 meeting to decide:

- If additional assessment wells are required as indicated by the benzene exceedances in 3 of the assessment wells.
- If the Appendix I parameter sampling in the assessment wells can be reduced (e.g., field parameters, benzene, Na, Cl, and ammonia in the affected wells).

You may contact Marjorie Heidorn by e-mail at marjorie.heidorn@dep.state.fl.us or phone at (407) 897-4302 with questions about this letter.

Sincerely,



F. Thomas Lubozynski, P.E.
Waste Program Administrator

FTL/mh

Attachments:
Email dated 4/23/2013

cc:
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