



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

By E-Mail

imarion@co.volusia.fl.us

Mr. Leonard Marion
Volusia County Solid Waste Department
3151 East State Road 44
DeLand, FL 32724

OCD-SW-09-0023

Volusia County – SW WACS # 27540
Tomoka Farms Road Landfill – Class I
Leachate Management System – Minor Modification
Modification of Permit No.SO64-0078767-023
Permit Application No.SO64-0078767-025

Dear Mr. Marion:

In response to the permit modification application submitted on August 11, 2008, by S2L Inc., the Department is approving your request to incorporate the proposed leachate management system modifications at the Tomoka Farms Road Landfill (TFRL), Class I.

The TFRL facility currently collects and stores the leachate generated from the Class I disposal facility in storage ponds onsite. The facility is requesting approval for construction of an onsite leachate treatment system using Sequencing Batch Reactor (SBR) process to treat the leachate generated from the TFRL Class I Disposal Facility and from the West Volusia Transfer Station (WVTS). The modification application included a revised TFRL Class I Operation Plan to reflect changing operational requirements. The dried sludge from the SBR process will be disposed of in the Class I disposal facility; the treated effluent will be disposed of on-site into spray fields for spray irrigation. Part of the treated effluent will also be used for site-wide dust control and/or side slope irrigation. The existing leachate storage ponds will be used on an emergency basis in the event that the treatment plant capacity is exceeded or when the sprayfields' capacity to accommodate treated effluent is exceeded in conjunction with dust control and sideslope irrigation.

Solid Waste Permit No. SO64-0078767-023 is modified to incorporate the leachate management system activities as follows:

- The existing TFRL Class I leachate collection system piping shall be modified to direct the collected leachate to the proposed leachate treatment system as shown on Figure 4-2 in Attachment A – Section 4 (Reference No. 1 – Appendix A).
- The sludge from the sequencing batch reactor (SBR) leachate treatment process is dewatered in the drying beds and shall be disposed in the TFRL Class I facility once the dried sludge contains at least 12 percent solids.
- The Revised Operations Plan submitted as part of this permit application in Attachment 1 (Reference 5 – Appendix A) is approved; it supersedes all previous operations plan. A copy of this approved operations plan shall be kept at the site and must be readily available for Department Inspections.

- The leachate treatment system, disposal of treated effluent, and sludge processing will be permitted by the DEP - Industrial Waste permitting section under permitting application FLA011114.

The information submitted August 11, October 03, and November 12, 2008, on file at the Central District Office, is made part of the subject permit. The documents are listed in Appendix A.

All other conditions of the subject permit remain unchanged.

This letter must be attached to Permit No. SO64-0078767-023 and becomes part of that permit. The new Permit No. is SO64-0078767-025.

Sincerely,



F. Thomas Lubozynski for

Vivian F. Garfein
Director, Central District

Date: February 5, 2009

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Feb. 5, 2009

Clerk

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT MODIFICATION and all copies were sent before the close of business on February 5, 2009 to the listed persons.



Clerk

VFG/sj

Enclosure:

1. Appendix A – List of Documents Incorporated into Permit

Copies furnished to:

Richard Tedder, P.E. - DEP – Tallahassee

Fred Wick - DEP – Tallahassee

Frank Hornbrook, DEP- Tallahassee

Jennifer Stirk, Volusia County, jstirk@co.volusia.fl.us

Samuel B. Levin, P.E. – S2L Inc., slevin@s2li.com

Ali Kazi, P.E. – FDEP Industrial Waste Permitting Section, ali.kazi@dep.state.fl.us