



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT  
3319 MAGUIRE BOULEVARD, SUITE 232  
ORLANDO, FLORIDA 32803-3767

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

July 2, 2014

Email:

[Jackey.Jackson@sumtercountyfl.gov](mailto:Jackey.Jackson@sumtercountyfl.gov)

Sumter County Board of County Commissioners  
7375 Powell Road  
Wildwood, Florida 34785  
% Mr. Jackey Jackson

OCD-SW-14-3337

Sumter County –SW WACS # 53008  
Sumter County Closed Class I Landfill  
Long-Term Care Time Extension

Dear Mr. Jackson:

As discussed during the site inspection on June 11, 2014, the Department is requiring a 1 year time extension of long-term care for the Sumter County Closed Class I landfill. The extension of long-term care will be a Department initiated permit modification. Long-term care will be extended in order to accomplish the following:

**A. Maintenance projects:**

1. Repair any gas vents within 14 days of discovery.
2. Southeast corner of the asphalt-grass interface area stormwater project
3. West side stormwater project

**B. Gas Monitoring:**

1. Perform gas monitoring during August (to verify gas is not migrating during warmer months).
2. Test 5 vents during August on the west side of the asphalt to determine if gas is being generated in that area.

The long-term care permit extension will require the following submittals to the Department:

1. A summary and timeline for each maintenance project above submitted by July 31.
2. Notification to the Department 14 days prior to beginning each project.
3. Once a maintenance project is completed, a summary report shall be submitted within 30 days. This is a narrative report. You are not required to submit DEP Form 62-701.900(2) Certification of Construction Completion.
4. Whenever a gas vent is repaired, this must be reported to the Department.
5. The results of the August gas monitoring event must be reported within 15 days.
6. Results of the August gas vent testing for the 5 vents on the west side of the asphalt area must be reported within 15 days.

7. **Asphalt Area Inspections** – Once a month inspect the asphalt area for surface cracks and inspect all surrounding asphalt-grass interface areas for erosion. Results of the inspection must be submitted within 15 days.

Groundwater monitoring is no longer required by the Department as of the date of this letter and will not be a requirement during the 1 year time extension of the long term care permit.

As a result of the inspection conducted on June 11, 2014, the Department has the following recommendations:

1. **Continuation of Gas Monitoring** – Due to the multiple buildings and personnel on site and the gas production measured in the vents, the Department recommends continuation of gas monitoring beyond long-term care. The Department further recommends doing the monitoring once a year during the summer months. (The monitoring doesn't necessarily need to be as extensive as currently performed.)
2. **Lined Ponds** – Because the lined ponds are compromised and are currently acting as stormwater ponds, the Department recommends removing the liners for better on site stormwater control.
3. **Landfill Gas Vents** – If a vent is damaged in the future, it is recommended to measure the depth of the vent after repair to ensure depth has been maintained.

Please contact Kim Rush at [kim.rush@dep.state.fl.us](mailto:kim.rush@dep.state.fl.us) or 407-897-4314 if you have further questions or need additional information.

Sincerely,



F. Thomas Lubozynski, P.E.  
Waste and Air Resource Programs Administrator

FTL/kr

Attachment:

1. Inspection report 6-11-2014

cc:

Richard L. Potts, Jr., P.G. - The Colinas Group - [rickpotts@cfl.rr.com](mailto:rickpotts@cfl.rr.com)

Bob Mackey, P.E. – S2L, Inc. - [bmackey@s2li.com](mailto:bmackey@s2li.com)

Marjorie Heidorn P.G., FDEP Central District - [Marjorie.heidorn@dep.state.fl.us](mailto:Marjorie.heidorn@dep.state.fl.us)



Florida Department of  
Environmental Protection  
Inspection Checklist

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**FACILITY INFORMATION:**

**Facility Name:** SUMTER COUNTY TS / LANDFILL LTC

**On-Site Inspection Start Date:** 06/11/2014

**On-Site Inspection End Date:** 06/11/2014

**WACS No.:** 53008

**Facility Street Address:** 835 CR 529

**City:** SUMTERVILLE

**County Name:** SUMTER

**Zip:** 33585

**INSPECTION PARTICIPANTS:**

(Include ALL Landfill and Department Personnel with Corresponding Titles)

**Principal Inspector:** Kimberly M. Rush, Engineer

**Other Participants:** Tom Lubozynski, Engineer; Jackey Jackson, Supervisor; Rick Potts, Consultant; Bob Mackey, Consultant

**INSPECTION TYPE:**

Follow-up Long-Term Care Inspection for Landfill - Class I Closed - Long Term Care facility

**ATTACHMENTS TO THE INSPECTION CHECK LIST:**

This Cover Page to the Inspection Checklist may include any or all of the following attachments as appropriate.

**COMMENTS:**

06/19/2014

This inspection was conducted at the closed class I landfill to evaluate the following:

- gas vent integrity
- grass cover integrity
- asphalt cover integrity
- stormwater pond integrity

The inspection began with an on-site meeting, during which a heavy rain event occurred. The meeting was followed with a full site inspection and a follow-up meeting to discuss the long-term care permit.

**Gas Vent Integrity:**

Approximately 50 vents are installed in the closed class I landfill area with grass cover. The vents are installed in a grid pattern and were in good condition at the time of this inspection. It is believed that the vents are installed to the bottom of waste. Vents are occasionally damaged during a mowing event and repaired. The county has begun pre-mowing with a smaller mower in between the vents to eliminate the larger mower from needing to get too close to the vents. It is recommended to verify the depth of the vents after being repaired to ensure depth is maintained. 5 vents were noted on the west side of the asphalt; it is recommended to add these to the gas monitoring plan.

**Grass Cover Integrity:**

The grass cover overlays a PVC liner. Subsidence and erosion repairs were made the previous week. Overall integrity of the grass area was good. At the time of this inspection, no major areas

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of subsidence were evident, no ponding was evident, no damage to the liner system was evident. The southeast corner at the grass-asphalt interface experienced erosion and ponding due to the rain event during the inspection.

#### Asphalt Cover Integrity:

Six months prior to this inspection, the cracks in the asphalt were sealed; no new cracks were noted at the time of this inspection. The asphalt area is not being used by the county. Major ponding was evident on the asphalt due to the rain event; some areas drained to the nearby stormwater ponds. The southeast corner of the asphalt area adjacent to the grass area (noted above) was not draining and was approximately 3" deep. The west side of the asphalt area was draining off the asphalt and causing erosion. Major settlement of the asphalt was evident. The settlement mimics that of a trench and fill landfill with valleys running north-south. The integrity of the asphalt itself at the time of this inspection was good.

#### Stormwater Pond Integrity:

The lined ponds on site were designed to capture compost runoff for reuse. The pond liners are compromised and the ponds currently act as stormwater retention ponds. Since the compost operation is no longer in use, the pond liners may be removed for better stormwater drainage.

### ATTACHMENTS:

Asphalt Cover Crack Repairs



Asphalt Cover Ponding



Gas Vent on West Side of Asphalt



Landfill - Grass Cover





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landfill asphalt-grass interface



Landfill Gas Vent



Landfill - Repairs to Grass Cover



SE Asphalt Corner Stormwater - 1



SE Asphalt Corner Stormwater - 2



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**Signed:**

Kimberly M. Rush _____ <b>PRINCIPAL INSPECTOR NAME</b>	Engineer _____ <b>PRINCIPAL INSPECTOR TITLE</b>
 _____ <b>PRINCIPAL INSPECTOR SIGNATURE</b>	FDEP _____ <b>ORGANIZATION</b>
	6/13/2014 _____ <b>DATE</b>
Tom Lubozynski _____ <b>INSPECTOR NAME</b>	Engineer _____ <b>INSPECTOR TITLE</b>
NO SIGNATURE _____ <b>INSPECTOR SIGNATURE</b>	FDEP _____ <b>ORGANIZATION</b>
Jackey Jackson _____ <b>REPRESENTATIVE NAME</b>	Supervisor _____ <b>REPRESENTATIVE TITLE</b>
NO SIGNATURE _____ <b>REPRESENTATIVE SIGNATURE</b>	Sumter County _____ <b>ORGANIZATION</b>
Rick Potts _____ <b>REPRESENTATIVE NAME</b>	Consultant _____ <b>REPRESENTATIVE TITLE</b>
NO SIGNATURE _____ <b>REPRESENTATIVE SIGNATURE</b>	The Collinas Group, Inc. _____ <b>ORGANIZATION</b>
Bob Mackey _____ <b>REPRESENTATIVE NAME</b>	Consultant _____ <b>REPRESENTATIVE TITLE</b>
NO SIGNATURE _____ <b>REPRESENTATIVE SIGNATURE</b>	S2Li _____ <b>ORGANIZATION</b>

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.