



Florida Department of
Environmental Protection
Inspection Checklist

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

Supervisor: Tom Lubozynski

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.