



Florida Department of  
Environmental Protection  
Inspection Checklist

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**FACILITY INFORMATION:**

**Facility Name:** TOMOKA FARMS ROAD LANDFILL

**On-Site Inspection Start Date:** 06/25/2014

**On-Site Inspection End Date:** 06/25/2014

**WACS No.:** 27540

**Facility Street Address:** 1990 TOMOKA FARMS ROAD

**City:** PORT ORANGE

**County Name:** VOLUSIA

**Zip:** 32128

**INSPECTION PARTICIPANTS:**

(Include ALL Landfill and Department Personnel with Corresponding Titles)

**Principal Inspector:** Allen Rainey, Inspector

**Other Participants:** Tom Lubozynski, Engineer; Patrick Farris, Environmental Specialist; Jenniffer Stirk, Representative; Junos Reed, Representative

**INSPECTION TYPE:**

Follow-up Operation Inspection for Landfill - Class I 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.

SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Inspection Date: 06/25/2014

**SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE****Requirements:**

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18)) Completed	Ok	Not Ok	Unk	N/A
2.1.1	Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility. 62-701.300(1)(a)				✓
2.1.2	Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b)				✓
2.2	Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet from potable water wells (except on-site)? <input type="checkbox"/> 50 feet from water bodies?				✓
2.3	Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d)				✓
2.4	Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e)				✓
2.5	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				✓
2.6	Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Regulated asbestos waste 62-701.520(3), 62-701.730(19) <input type="checkbox"/> Used oil and oily wastes, except as exempted 62-701.300(11) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10) <input type="checkbox"/> CCA treated wood 62-701.300(14)				✓
2.7	Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c)				✓

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.8	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)				✓
2.9	Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1)				✓
2.10	Are the following records or plans current and available on-site? (Check any that are Not OK) <input type="checkbox"/> Training Plan 62-701.320(15)(a) <input type="checkbox"/> Operating Plan 62-701.500(2) <input type="checkbox"/> Waste weight records 62-701.500(4) <input type="checkbox"/> Precipitation records 62-701.500(8)(g)				✓

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Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.10	<input type="checkbox"/> Load-checking program records 62-701.500(6)(a) <input type="checkbox"/> Training records 62-701.320(15)(a) <input type="checkbox"/> Operation record 62-701.500(3) <input type="checkbox"/> Quantity of leachate 62-701.500(8)(f)				✓
2.11	Is the operation plan substantially followed? 62-701.500(2)				✓
2.12	Is incoming waste weighed? 62-701.500(4)(a) and (2)(d)				✓
2.13	Is the method and sequence of filling waste according to plans? 62-701.500(2)(f)				✓
2.14	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				✓
2.15	Is waste compacted as required? 62-701.500(7)(a)				✓
2.16	Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c)				✓
2.17	Is a narrow working face practiced? 62-701.500(7)(d)				✓
2.18	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				✓
2.19	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				✓
2.20	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and (11)(f)				✓
2.21	Is erosion control adequate? 62-701.500(7)(j)		✓		
2.22	Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and (h)		✓		
2.23	Is leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				✓
2.24	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				✓
2.25	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				✓
2.26	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				✓
2.27	Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3				✓
2.28	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(b)				✓
2.29	Is stormwater management system maintained and operated as required? 62-701.500(10)				✓
2.30	Is there sufficient operating equipment? 62-701.500(11)(a)				✓
2.31	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				✓
2.32	Are communication facilities adequate? 62-701.500(11)(c)				✓
2.33	Are approved dust control methods adequate? 62-701.500(11)(d)				✓
2.34	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)				✓
2.35	Are there required signs for operational directions and public information? 62-701.500(11)(g)				✓
2.36	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				✓
2.37	Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8)				✓
2.38	Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S.				✓

Inspection Date: 06/25/2014

**Pre-existing Violations:**

Rule: 62-701.500(7)(j)

Question Number: 2.21

Explanation: Due to recent heavy rains, erosion was present on areas of the Class I south side slope. The erosion resulted in exposed waste. Some of the waste washed downslope and was observed outside the lined area of the landfill.

Corrective Action: The facility must repair all eroded areas and cover exposed waste. Waste outside of the lined area must be collected and taken to the class I working face.

On May 14, 2014, Junos Reed submitted a response to the Department documenting the completion of these corrective actions.

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Rule: 62-701.500(8)(h), 62-701.500(8)(b), 62-701.500(2)(j)

Question Number: 2.22

Explanation: Leachate was actively flowing from the wellhead of the 8B horizontal gas collection line and other seepage areas of the south side slope. Leachate was not being collected by the leachate collection system and was observed flowing outside the lined area of the landfill.

Corrective Action: The facility must ensure that all leachate is collected by the leachate collection system.

On May 14, Junos Reed submitted documentation showing that leachate is contained within the lined area of the landfill.

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**Current Areas Of Concern:**

Rule: 62-701.500(8)(h), 62-701.500(8)(b), 62-701.500(2)(j)

Question Number: 2.22

Explanation: Not Applicable - The Department's focus is air compliance.

Corrective Action: Not Applicable

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Rule: 62-701.500(7)(j)

Question Number: 2.21

Explanation: Department staff observed that the intermediate cover had eroded on the north slope of the North Cell, exposing waste above the elevation of gas extraction well HC-6B.

Corrective Action: Repair erosion in a timely manner (within 3 days of occurrence) or submit a proposed correction schedule to the Department. Submit pictures of repaired areas after completion.

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**COMMENTS:**

Inspection Date: 06/25/2014

07/07/2014

The Department performed this inspection on 6/25/14 as part of a Title V Full Compliance Evaluation inspection for air compliance. During the inspection, Department staff noted erosion and exposed waste on the North Cell with intermediate cover (see photos). The facility had experienced recent rain events. (Note: The Department's focus was on air compliance. The "Pre-existing Violations" are not addressed by this inspection. Item 2.21 concerning erosion control is marked "not ok. Item 2.22 concerning leachate is marked "not ok;" it is associated with "Pre-existing Violations" and is not applicable to this inspection. All other checklist items are "N/A."

Photos 1 and 2 are southern views.

#### ATTACHMENTS:

1: Erosion and exposed waste



2: Similar view depicted in 1



Inspection Date: 06/25/2014

**Signed:**

Allen Rainey

**PRINCIPAL INSPECTOR NAME**

Inspector

**PRINCIPAL INSPECTOR TITLE***Allen Rainey***PRINCIPAL INSPECTOR SIGNATURE**

7/7/2014

**DATE**

Jenniffer Stirk

**INSPECTOR NAME**

Representative

**INSPECTOR TITLE**

NO SIGNATURE

**INSPECTOR SIGNATURE**

Tom Lubozynski

**REPRESENTATIVE NAME**

Engineer

**REPRESENTATIVE TITLE**

NO SIGNATURE

**REPRESENTATIVE SIGNATURE**

Patrick Farris

**REPRESENTATIVE NAME**

Environmental Specialist

**REPRESENTATIVE TITLE**

NO SIGNATURE

**REPRESENTATIVE SIGNATURE**

Junos Reed

**REPRESENTATIVE NAME**

Representative

**REPRESENTATIVE TITLE**

NO SIGNATURE

**REPRESENTATIVE SIGNATURE****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.