Florida Department of

Environmental Protection

Inspection Checklist

FACILITY INFORMATION:

Facility Name: TOMOKA FARMS ROAD LANDFILL

On-site Inspection Start Date: 10/22/2019

On-site Inspection End Date: 10/22/2019

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: Mary Powers, Inspector

Other Participants: Gloria-Jean DePradine, Environmental Consultant; Amada Fernandez, Environmental Specialist; Carter Cook, Environmental Specialist; Jennifer Stirk, Environmental Specialist III;

INSPECTION TYPE:

Complaint Investigation Inspection for Landfill - Class I

COMMENTS:

On October 22, 2019, Department personnel conducted a complaint investigation at Tomoka Farms Road Landfill accompanied by Jennifer Stirk, Environmental Specialist III, of Volusia County Solid Waste Division, to address a complaint received by the Department on October 21, 2019 of leachate being discharged from the north side of the landfill into ponds and waterways, erosion on the side slope exposing debris, and pooled leachate in the roadways. Upon inspection, extensive erosion and large gullies on the north facing side slope of the landfill were observed (10/22 Side slope erosion), as well as pooled leachate and stormwater at the foot of the landfill and in the roadways (10/22 Leachate/stormwater in road; 10/22 Leachate - foot of landfill). On the opposite side of the road, washouts under the chain link fence and around a groundwater monitoring well were evident and leading to a dewatering pit located between the stormwater pond and landfill (10/22 Washout near fence; 10/22 Washout near GW well). Debris appeared to be washed out into the dewatering pit (10/22 Washout into CUP). No outlets existed from the dewatering pit and into the stormwater pond (10/22 CUP between landfill/SWpond). Water collected in the dewatering pit must be actively pumped out in order to be removed. There was no visual evidence of leachate being discharged into the stormwater pond.

Rule 62-701.500(7)(k) Erosion control measures shall be employed to correct any erosion which exposes waste or causes malfunction of the storm water management system. Such measures shall be implemented within three days of occurrence. If the erosion cannot be corrected within seven days of occurrence the landfill operator shall notify the Department and propose a correction schedule.

It was the Department's recommendation that a berm be installed along impacted areas at the foot of the landfill to alleviate any leachate flowing off site as a result of heavy rains, and to also install a silt fence along the chain link fence adjacent to the road to deter washout events.

On October 23, 2019, Jennifer Stirk sent an email to the Department providing the facility's progress in addressing these issues, along with pictures to show the corrective measures being taken:
"An earthen berm has been constructed around the impacted area, grading of the erosion on the side slopes has started, and the areas along the fence line has been raked and eroded soil replaced. The silt fence is scheduled to be installed on Monday October 28, 2019. The standing storm water and leachate in the impacted area is scheduled to be pumped out and disposed of at our on-site leachate treatment plant tomorrow October 24, 2019, While the vac truck is on-site it will also jet the sediment in the storm water inlet and we will regrade the storm water swell to restore our storm water management system. Finally, once all the grading is complete we will sod the side slopes and storm water swells. Attached are pictures demonstrating the progress made." - Pictures attached in this report; labeled "10/23".

ATTACHMENTS:

10/22 Leachate/stormwater in road



10/22 Leachate - foot of landfill



TOMOKA FARMS ROAD LANDFILL

Inspection Date: 10/22/2019

10/22 Side slope erosion



10/22 Washout near fence



10/22 Washout near GW well



10/22 Washout into CUP



10/22 CUP between landfill/SWpond



10/23 Berm (facing East)



TOMOKA FARMS ROAD LANDFILL

Inspection Date: 10/22/2019

10/23 wahsout covered along fence



10/23 Berm (facing West)



10/23 Washout covered at GW well



10/23 fixed erosion on side slope



10/23 Fixed erosion on side slope



10/22 Pooled Leachate/Stormwater



TOMOKA FARMS ROAD LANDFILL

Inspection Date: 10/22/2019

Signed:

Mary Powers	Inspector	
PRINCIPAL INSPECTOR NAME	**PRINCIPAL INSPECTOR TITLE**	
Mary Powers	FDEP	10/24/2019
PRINCIPAL INSPECTOR SIGNATURE	**ORGANIZATION**	**DATE**

Gloria-Jean DePradine	Environmental Consultant
INSPECTOR NAME	**INSPECTOR TITLE**
NO SIGNATURE REQUIRED	FDEP
INSPECTOR SIGNATURE	**ORGANIZATION**

Amada Fernandez	Environmental Specialist
INSPECTOR NAME	**INSPECTOR TITLE**
NO SIGNATURE REQUIRED	FDEP
INSPECTOR SIGNATURE	**ORGANIZATION**

Carter Cook	Environmental Specialist
INSPECTOR NAME	**INSPECTOR TITLE**
NO SIGNATURE REQUIRED	FDEP
INSPECTOR SIGNATURE	**ORGANIZATION**

Jennifer Stirk	Environmental Specialist III
REPRESENTATIVE NAME	**REPRESENTATIVE TITLE**
NO SIGNATURE REQUIRED	Volusia County
REPRESENTATIVE SIGNATURE	**ORGANIZATION**

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.

Report Approvers:

Approver: David Smicherko **Inspection Approval Date:** 10/31/2019