



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 02/25/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of February 18, 2013. The audit was performed at 11:25 am on **February 21, 2013** by Jo Spear Jr. in the presence of Dean Driggett.

The following conditions were noted during this Audit of the VEPL Facility:

- Working face moving southward along east edge of Phase 7
 - Working face very small and tight, daily cover of soil being placed during audit
 - Landfill direct soils tipped
 - Daily cover consists of soils and Autofluff, Autofluff supply low until 2/15
- Leachate discharge to MMSD
- One flare and one blower in operation,
 - MMSD not receiving methane yet, Temp flare lit due to cold temps
- Two storm events since last audit, ~1"
 - Snow event, no real accumulations due to melt. Rain of ½" or so on 2/18
 - No flowing surface water
- No on or off site odors
- No special waste handling noted
- Minor litter on site, 2 pickers active
- US 45 and 8 Mile Road dusty with salt, site roads dusty
- Tipping scale camera and equipment operators inspecting waste
 - Random load date no available, ~1200 tpd no soil jobs
- Weather conditions impacting gas building, skid flare lit to manage LFG

Attachments:
Action Items List / Landfill Operations Audit Form
Audit Photos

VEOLIA EMERALD PARK LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE February 21, 2013 TIME 3:25
 Auditor on site at: Open Close

WEATHER Overcast, Snow eminent WIND N-10-15

TEMP Maximum 25 °F Minimum 22 °F B.P. 50.36

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	Sweeper						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor		✓				

A. Working Face Size and Location:

*Working face moving southward along
 East edge of Phase 7. Working face
 very small and tight
 Daily cover of soil being placed during Audit*



Cover Material:

Pre-tipped landfill derived soil

B. Leachate Management:

Discharge to MMST

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# NA			
Shutdowns Since Last Audit:	#			
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMST Not reviewing Methane yet
Temp flare lit due to cold temps

D. Surface Water Management:

Storm Events Since Last	# 2	Est. Volume	2.1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow event, no real accumulation due to melt. Rain on 2/18, no flowing surface water

E. Odor Control:

Odors Present:

Onsite Offsite

Comments:

No offsite odors

F. Special Waste Handling: storage of fingerprint samples and testing procedures

None



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 2

Comments:

Minor litter on site

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

*USFS 4.8 Mile dusty with salt.
Site roads dusty*

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1
Equipment Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	<i>NA</i>					

Comments:

~ 1,200 TPD

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		
3.		
4.		

Comments:



L. Other Comments:

* Weather conditions impacting gas building
skid floor lbs to manage LFG

Auditor's Signature: [Signature] Date: 2/21/13
Auditor's Printed Name: J. Walter Speeg, Jr
Management Signature: [Signature] Date: 2/21/13
Management Printed Name: _____
Management Title: _____
JSA Principal Signature: _____ Date: _____



VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 3/20/2012

Updated: 4/16/2012

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	3/20/2012	More than 1' of leachate head upon the liner of Phase 7	503.10(d)	ASAP	4/13/2012	24	Leachate ponding in new Cell, drained by pumping

**VEOLIA EMERALD PARK LANDFILL
AUDIT PHOTOS
CITY OF MUSKEGO**

PROJECT NO. 1012.10030



Previously tipped soils being cut for daily cover



C&D load being tipped outside working face, for beneficial reuse

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Active area



Dozer pushing soils for daily cover



Temp sed basin West of equipment access to Phase 7

