



## MEMORANDUM

# VEOLIA Emerald Park Landfill Audit Summary

**TO:** Veolia Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Anna Krajcik  
**COPIES:** File  
**DATE:** 01/30/13  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of January 21, 2013. The audit was performed at 3:20 pm on **January 24, 2013** by Jo Spear Jr. in the presence of David Geier.

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

- Working face at southeast corner of Phase 7
  - Tipping above and below working face
  - Additional ramps being constructed, Phase 3 receiving biosoils
  - Soils and Autofluff being used as cover
- MMSD receiving leachate, no recirculation going
- One flare and one blower in operation,
  - Used emergency flare while regular flare was down, MMSD not receiving LFG
- One storm event since last audit
  - Small snow event this week, all surface water frozen
- No off site odors; odors downwind of active area on site
- No special waste handling noted
- Litter onsite in trees and fences
- US 45 and 8 Mile Road dry and getting dusty, site roads dusty
- Tipping scale camera and equipment operators inspecting waste
  - Random load date 01/18/2013, ~1253 tpd
- Equipment problems due to cold weather on 1/22, all equipment running now
- Autofluff volumes increasing for cover use
- Gas system awaiting MMSD

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 January 24, 2013 TIME 3:20  
Auditor on site at:  Open  Close

WEATHER Grey skies, high clouds, possible snow WIND Nil

TEMP Maximum 17 °F Minimum 11 °F B.P. 30.60

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>1</u>	Excavator						
<u>1</u>	Haul Truck						
	Water Truck						
	Sweeper						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face at Southeast corner of Phase 7.  
Tipping above and below working face. Additional  
ramps being constructed  
Phase 3 receiving bio soils



Cover Material:

Soils & Auto-fluff being used as cover

B. Leachate Management:

MMSD receiving leachate, no receive going

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:			#	NA				
Vegetation Condition:	Good	<input checked="" type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Used emergency flare while regular flare was down  
MMSD not yet receiving LFG

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	~
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Small snow event this week. All surface water frozen

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: No odors on or off site

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 type="checkbox"/>	NO <input type="checkbox"/>	#

Comments:

Litter onsite in trees & fences

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

US 45 & 8 Mile dr, getting dusty.  
Site roads dusty

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#
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:	1/12/13		

Comments:

~ 1,253 TPD  
Bio Soils being received as well as MSD

J. Rejected Loads:

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

Comments:



L. Other Comments:

- \* Equipment problems due to cold on 1/22, all equipment running now
- \* Autofluff volumes increasing for cover use
- \* Gas system awaiting from MMSD.

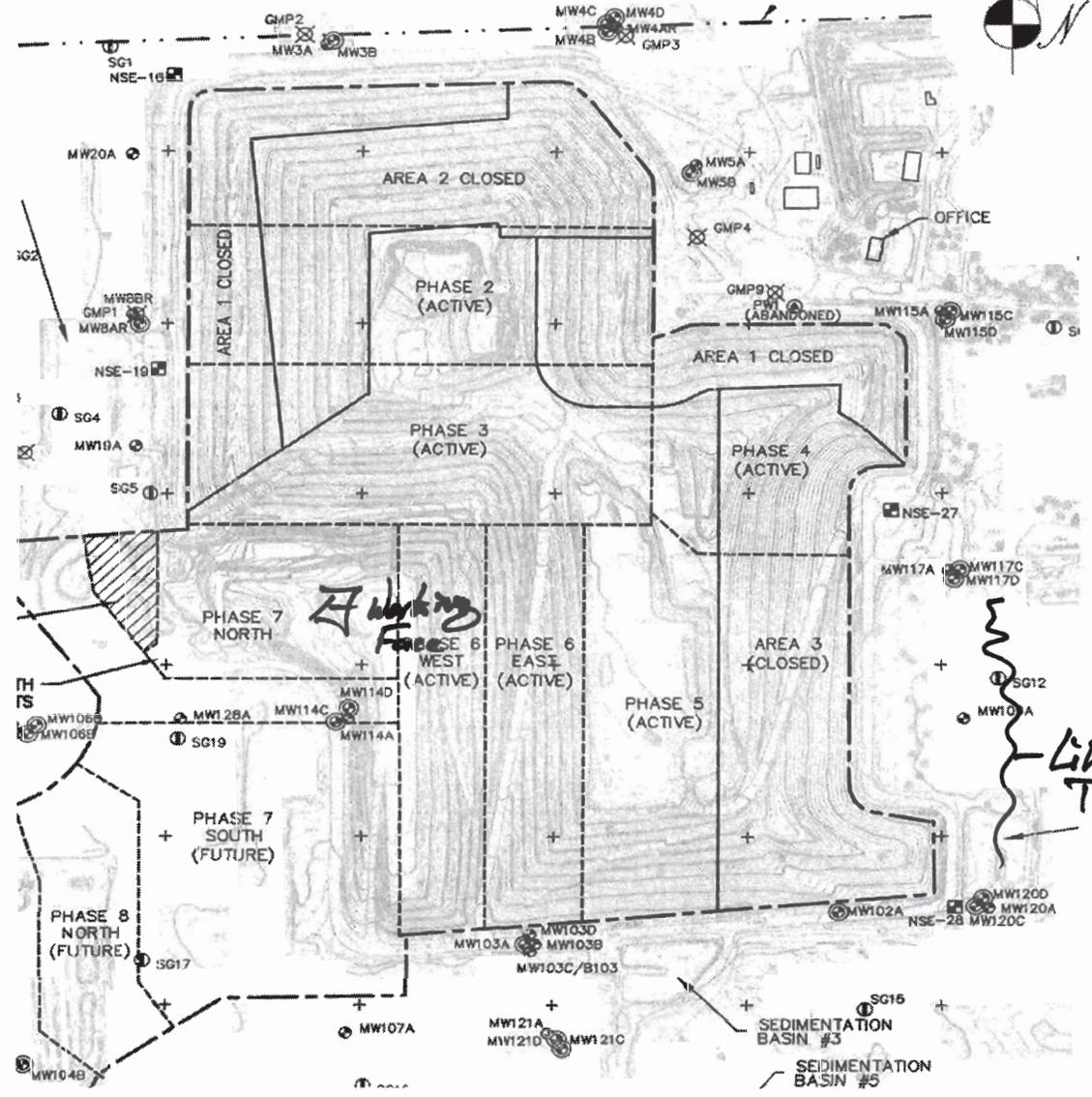
Auditor's Signature: *[Signature]*  
Auditor's Printed Name: *Walter Sperr, Jr.*  
Management Signature: *David Coe*  
Management Printed Name: *David Coe*  
Management Title: *Operations Manager*  
JSA Principal Signature: \_\_\_\_\_

Date: *1/27/13*  
Date: *1/29/13*  
Date: \_\_\_\_\_



# VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




**JSA**  
 WWW.JSACIVIL.COM  
 325 WEST VINE STREET  
 MILWAUKEE, WI 53212-3606  
**CIVIL ENVIRONMENTAL  
ENGINEERS**

LANDFILL AUDIT MAP

**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



Bio soils being received in Phase 3



Active area and ramp construction

***JSA*** *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212



Active Area, new ramp construction to right



Active area



Waste packed in place, prior to cover



Working face at outboard slope, shaped and compacted by dozer



Temp basin drained of flowing water, ice and snow remain