



## 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

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Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of March 4, 2013. The audit was performed at 12:03 pm on **March 6, 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 crested to access road in Northeast corner of Phase 7
  - Demolition being combined for access for future days use
  - No soils or other working faces
  - Foundry sands and Autofluff for cover
- Leachate discharge to MMSD
- One flare and one blower in operation,
  - No delivery to MMSD as yet, shutdown for tweaking system
- One storm event since last audit, ~1"
  - Snow storm on 3/5, most of site covered with snow, basins included
- No odors noted
- No special waste handling noted
- No litter noted, 2 pickers active picking, shoveling and running pumps
- US 45 and 8 Mile Road clean; site roads plowed
- Tipping scale camera and equipment operators inspecting waste
  - Random load inspection date not noted, ~1200 tpd
- 6" pump repaired and in use for draining temporary sediment basins; basins appeared drained during audit
- Foundry sand stockpiled for cover

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 March 6, 2013  
Auditor on site at: Open  Close

TIME 2:00 PM

WEATHER Overcast, high clouds

WIND N 0-5

TEMP Maximum 33 °F Minimum 22 °F

B.P. 30.21

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face created to access road in Northeast corner of Phase 7. Demolition being combined for access for future days use. No soils or other working faces.



Cover Material:

Foundry sands & Autopluff for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

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

Comments:

Shutdown for turking. No delivery to MMSD as yet

D. Surface Water Management:

Storm Events Since Last	#	1	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:

Small storm on 3/5, most of site covered, Basins covered

E. Odor Control:

Odors Present:

Onsite	<input type="checkbox"/>	Offsite	<input type="checkbox"/>
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Comments:

No odors

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

None



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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:

Pickers active picking, stacking, and running  
Pumps

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

11545 & 8 Mile (clean) Site roads plowed,

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:				

Comments:

2/1/2007 FD

J. Rejected Loads:

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

Comments:



L. Other Comments:

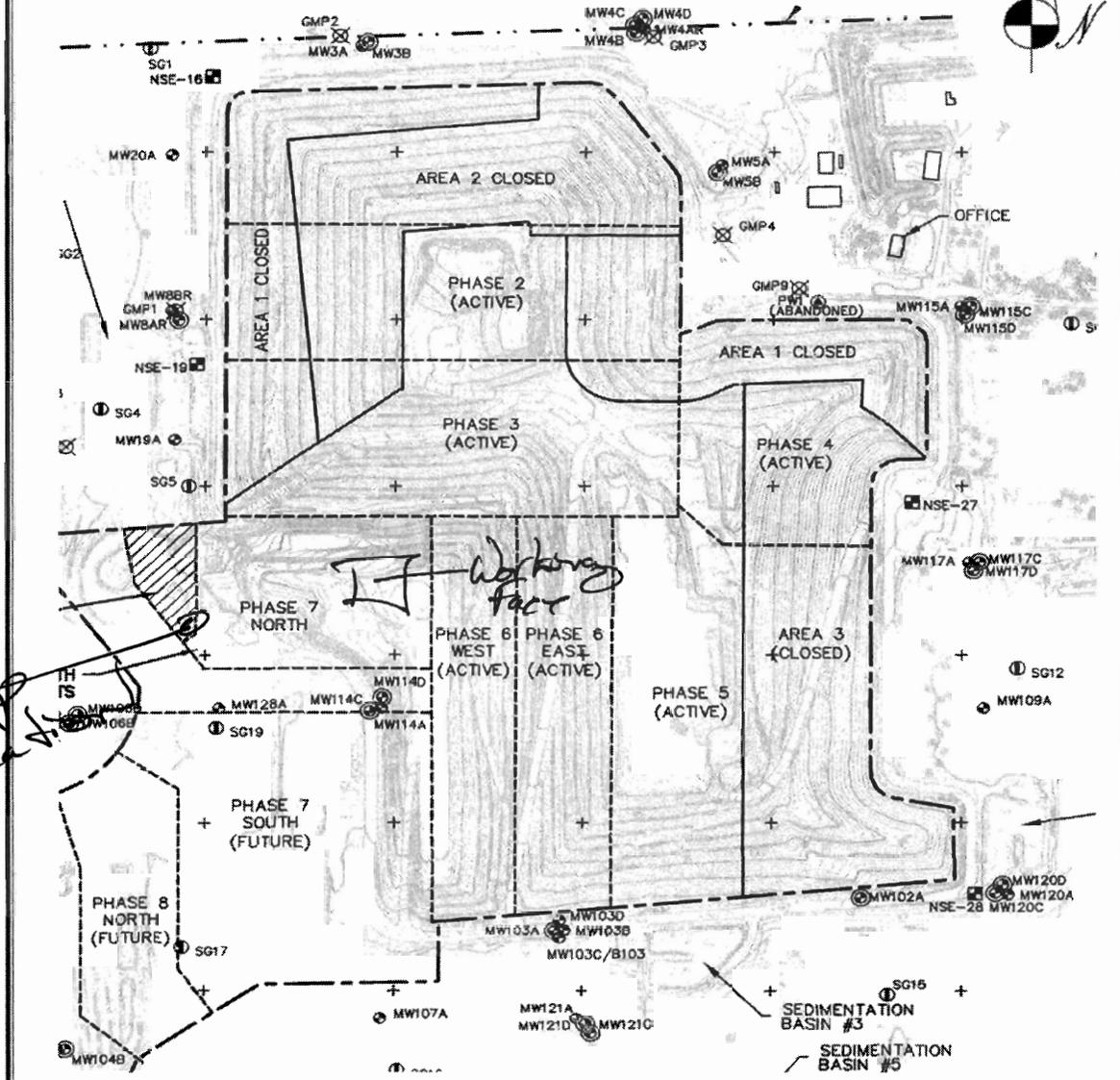
\* Grinch pump repaired and in use  
for draining Temp Sed Basins. Basins  
appeared drained during Audits  
\* Foundry sand stock piled for cover

Auditor's Signature: [Signature] Date: 3/6/2015  
Auditor's Printed Name: Jay Walter Spear, Jr  
Management Signature: [Signature] Date: 3/6/2015  
Management Printed Name: David Geier  
Management Title: Operations Manager  
JSA Principal Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



*Handwritten notes:*  
 Pump location (with arrow pointing to MW100A)  
 Working Face (with arrow pointing to the boundary between Phase 6 and Phase 7)


**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



Cuts in soil placement for previous cover



previously covered working face

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

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212



Working face viewed from North



Working face, viewed from Northeast



Foundry sand moved from stockpile to location for cover placement



Temp Sed Basin