



M E M O R A N D U M

## ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 04/11/14  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of March 230, 2014. The audit was performed at 2:55 PM on April 2, **2014** by JW. Spear, Sr. in the presence of David Geier.

### Landfill Operations Audit:

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

- Phase 7B receiving wastes
  - Working face sufficient for traffic
- One compactor and 2 dozers (D6 & D8) & one excavator active
- All leachate discharging to MMSD; no recirculation
- One flare in operation since last audit
  - Gas flow to MMSD steady at 1,600 -1,700 cfm
- Two minor storms since last audit
- Perimeter road and sedimentation structures in acceptable condition
- No noticeable odors
- Several liquid loads received earlier in week
- No litter on-site and very little noticeable off-site
  - 6 pickers working
- US 45 and 8 Mile Road muddy, but acceptable
- Scale camera in use; 2 equipment operators; no spotter
  - No rejected loads
- Residential drop-off open during audit
- April begins major rebuild of landfill gas system, 10 redrills and approximately 20 new wells
- Total of monitoring wells will be 30

No Construction occurring at time of audit

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

**VEOLIA Emerald Park Landfill**  
**Action Items Checklist**  
**City of Muskego Audit**

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes



VEOLIA EMERALD PARK LANDFILL  
LANDFILL OPERATIONS AUDIT FORM  
CITY OF MUSKEG O

PROJECT NO. 1020.10030

DATE APRIL 2, 2014  
Auditor on site at:  Open  Close

TIME 2:56

WEATHER Partly Cloudy

WIND E 6 mph

TEMP Maximum 41 °F Minimum 33 °F

B.P. 30.14

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor <u>83L</u>						
<del>2</del>	<del>Dozer</del> <u>DB</u>						
1	Excavator <u>330B</u>						
	Haul Truck						
	Water Truck						
	Sweeper						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Adequate for conditions & traffic  
see map for location



Cover Material:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Leachate Management:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Turbines in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Engines in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Shutdowns Since Last Audit:	#			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

*Transmit to MMSD*

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

D. Surface Water Management:

Storm Events Since Last	# <i>0</i>	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

*Good condition Roads  
structures in acceptable shape*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E. Odor Control:

Odors Present:

Onsite <input type="checkbox"/>	Offsite <input type="checkbox"/>
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*None*

Comments:

\_\_\_\_\_  
\_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_



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"/>	# 6

Comments:

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

NONE

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"/>	#	2
Spotter:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	

Random Load Inspection Dates:

Comments:

J. Rejected Loads:

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

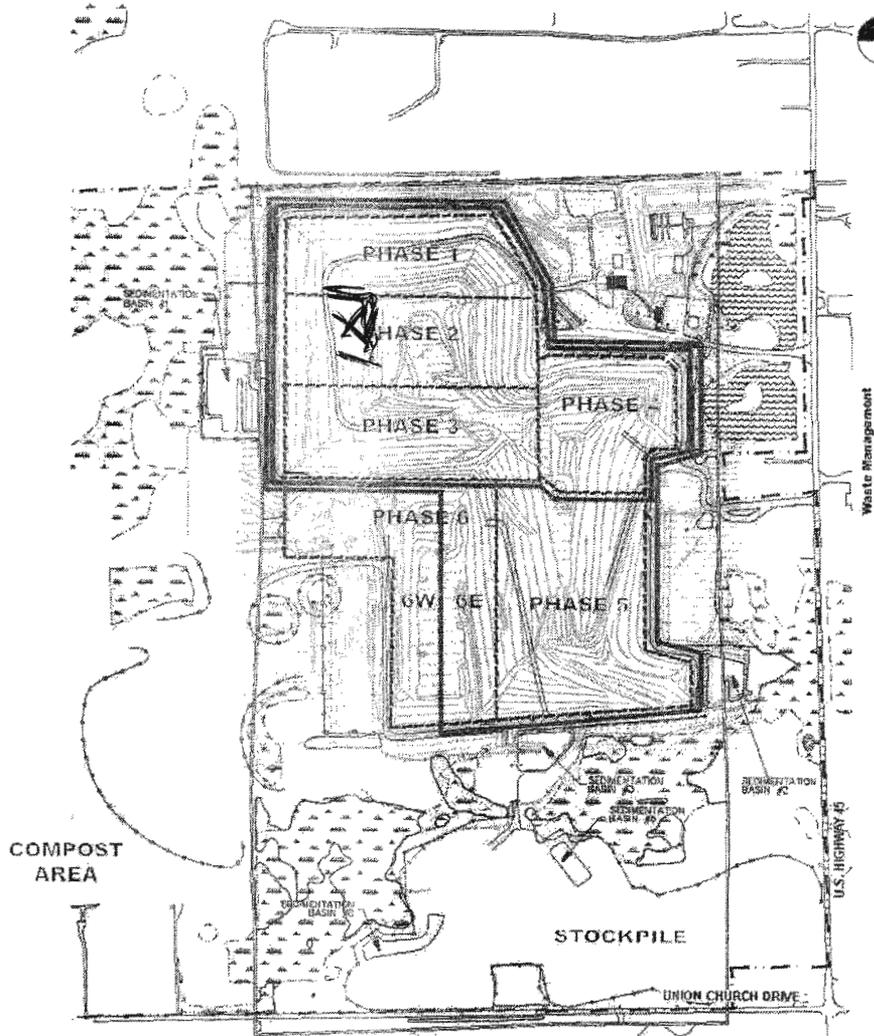
Comments:





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

PROJECT NO. 1020.10030



Based on a 11 March 2004 EIT drawing

**J Spear Associates**

Environmental Engineers  
325 West Vine Street  
Milwaukee, Wisconsin 53212

- January 2002
- December 2006

LANDFILL AUDIT MAP



VEOLIA EMERALD PARK LANDFILL  
 LANDFILL CONTRACTORS AUDIT FORM  
 CITY OF MUSKEG O

PROJECT NO. 1020.10030

DATE \_\_\_\_\_ TIME \_\_\_\_\_

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A Work Accomplished Today (Scheduled & Completed):

N/A

[Signature]



B. Excavations / Soil Management:

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C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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Auditor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Auditor's Printed Name: \_\_\_\_\_  
 Management Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Management Printed Name: \_\_\_\_\_  
 Management Title: \_\_\_\_\_

