



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 04/10/14  
**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 24, 2014. The audit was performed at 3 PM on March 28, 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 5 receiving wastes
  - Working face sufficient for vehicles arriving
  - Trucks discharging MSW at working face
  - Compactor spreading and compacting MSW over fluff layer
- One compactor and 2 dozers (D6 & D8) & one excavator active
- Abundant autofluff & soils stockpiled near waste placement for cover
- 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
- Some odor present both on and off site
- Several liquid loads received earlier in week
- No litter on-site and very little noticeable off-site
  - Litter appears under control
- US 45 and 8 Mile Road muddy, but acceptable
- Scale camera in use; 1 equipment operator; 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  
LANDFILL OPERATIONS AUDIT FORM  
CITY OF MUSKEG O

PROJECT NO. 1020.10030

DATE March 28, 2014

TIME 3:00pm

Auditor on site at: Open  Close

WEATHER Overcast

WIND \_\_\_\_\_

TEMP Maximum 41 °F Minimum 33 °F

B.P. Steady

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	B36 Compactor						
2	D6 Dozer DB						
1	Excavator						
	Haul Truck						
	Water Truck						
	Sweeper						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<del>1</del>	<del>NA</del>						

A. Working Face Size and Location:

Working face sufficient for vehicles arriving.  
Observer present when trucks were discharging  
MSW. Compactor spreading and compacting  
on working deck



Cover Material: sufficient cover material Available near waste placement area

B. Leachate Management:

Discharging to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input 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 type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas being shipped to MMSD

D. Surface Water Management:

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

Perimeter Road & Sedimentation structures in acceptable condition

E. Odor Control:

Odors Present: N Onsite  Offsite

Comments:

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

Several liquid loads received earlier in weeks



G. Litter Control:

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

Comments:

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

*Some mud but both access and public roads were acceptable*

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I. Inspection of incoming Waste:

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

Comments:

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J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		
2.		
3.		
4.		

Comments:

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L. Other Comments:

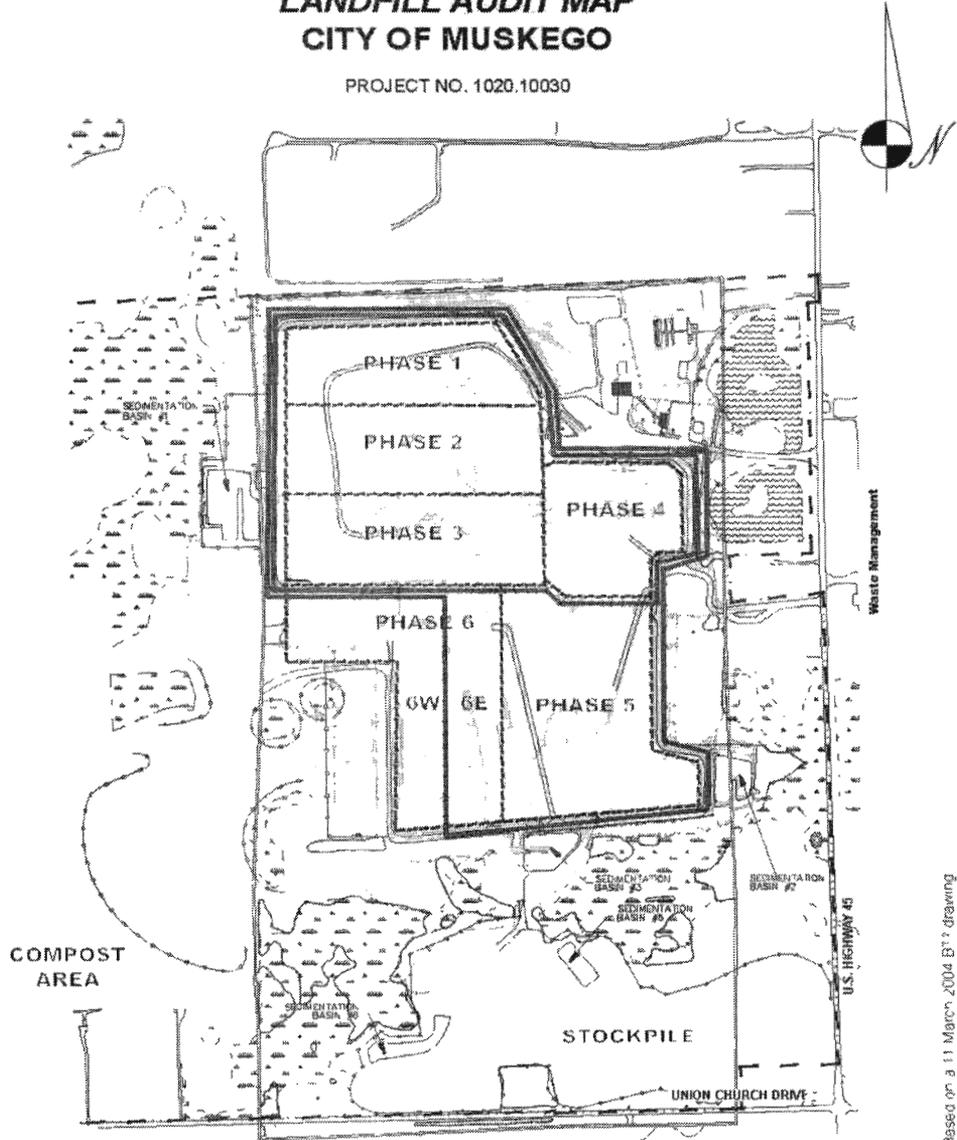
1. Residential Drop open during Audit of site  
2. April begins major rebuild  
LFG System 10 Redrills + about 20 new wells  
for total of 30

Auditor's Signature: *JW Spear* Date: 3/28/2014  
Auditor's Printed Name: \_\_\_\_\_  
Management Signature: *David Geier* Date: 3/28/2014  
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



January 2002  
 December 2006

***J Spear Associates***

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212

LANDFILL AUDIT MAP

based on a 11 March 2004 B11 drawing



VEOLIA EMERALD PARK LANDFILL  
LANDFILL CONTRACTORS AUDIT FORM  
CITY OF MUSKOGEE

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*

*No Const occurring at time  
of Audit*

*Julie L. Auditor*



**ADVANCED DISPOSAL SERVICES  
EMERALD PARK LANDFILL / CITY OF MUSKEGO  
AUDIT PHOTOS**

PROJECT NO. 1012.10030



Junction of Phase 7B with Phases 6 & 7A



Working face of Phase 7B



Phase 7B viewed from the North

**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

