



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 04/14/14  
**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 April 7, 2014. The audit was performed at 2:05 PM on April 9, 2014 by Jo Spear, Jr. in the presence of Michael Hackney.

### Landfill Operations Audit:

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

- Working face at junction of Phase 6 & 7 (West edge of Phase 7B)
  - MSW and soils going into 7B
  - Fluff layer complete so all wastes are acceptable in 7B
  - Autofluff stockpiled and in use for cover
- One compactor, one backhoe and 2 dozers in operation
- All leachate discharging to MMSD; no recirculation
- No flares in operation; used once since last audit
  - One blower working
  - One shutdown since last audit
  - Gas plant operating; flow to MMSD steady at approximately 2,300 cfm
  - Vegetation about flare brown, but appears to be recovering
- One rain storm since last audit; less than 1"
- Melt water running in ditches
- Plenty of freeboard in basins
- No noticeable odors on-site
- Garbage odors on US 45
- Liquid loads periodic
- Minimal on-site litter; clear off-site
  - Two pickers at work
  - Litter greatly reduced since last audit
- US 45 and 8 Mile Road clean; site roads gritty
- Scale camera in use; 1 equipment operator; no spotter
  - Receiving approximately 1,900 TPD
  - No rejected loads
- Residential drop-off clean, boxes recently emptied

### Additional Notes:

- Erosion rills to be identified and locations noted at end of month audit
- Phases 1 through 3 appear in good shape along North and West slopes

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Contractors will be back on site at end of April for earth-moving projects
- New scale operator working only Saturdays
  - Temporary scale operator on weekdays

### 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



ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL  
 LANDFILL OPERATIONS AUDIT FORM  
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE April 9, 2014  
 Auditor on site at:  Open  Close

TIME 2:03

WEATHER Sunny Clear, Spring Weather

WIND S-15  
 N  E

TEMP Maximum 63 °F Minimum 48 °F

B.P. 30.00

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>							

A. Working Face Size and Location:

Working face at junction of Phase 6 & 7, West  
edge of Phase 7B, MSW and soils being  
tripped in Phase 7B, Fluff layer complete  
so all wastes acceptable in Phase 7B



Cover Material:

Autoglyf

B. Leachate Management:

Discharge to MMSD  Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#	22,300	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas plant in operation. Vegetation about flare brown but recovering

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	214
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Melt water in ditches, basins have plenty of freeboard

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

Odor from garbage on US45

F. Liquid Loads Received:

Periodic



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:

Minimal onsite litter

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 & B Mile Road clean, site roads gritty

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:						
Tonnage:	1,900 TPD					

Comments:

Soils & MSW in receipt

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Off: Open During Audit  E-Waste Container Present

Boxes empty



M. Other Comments:

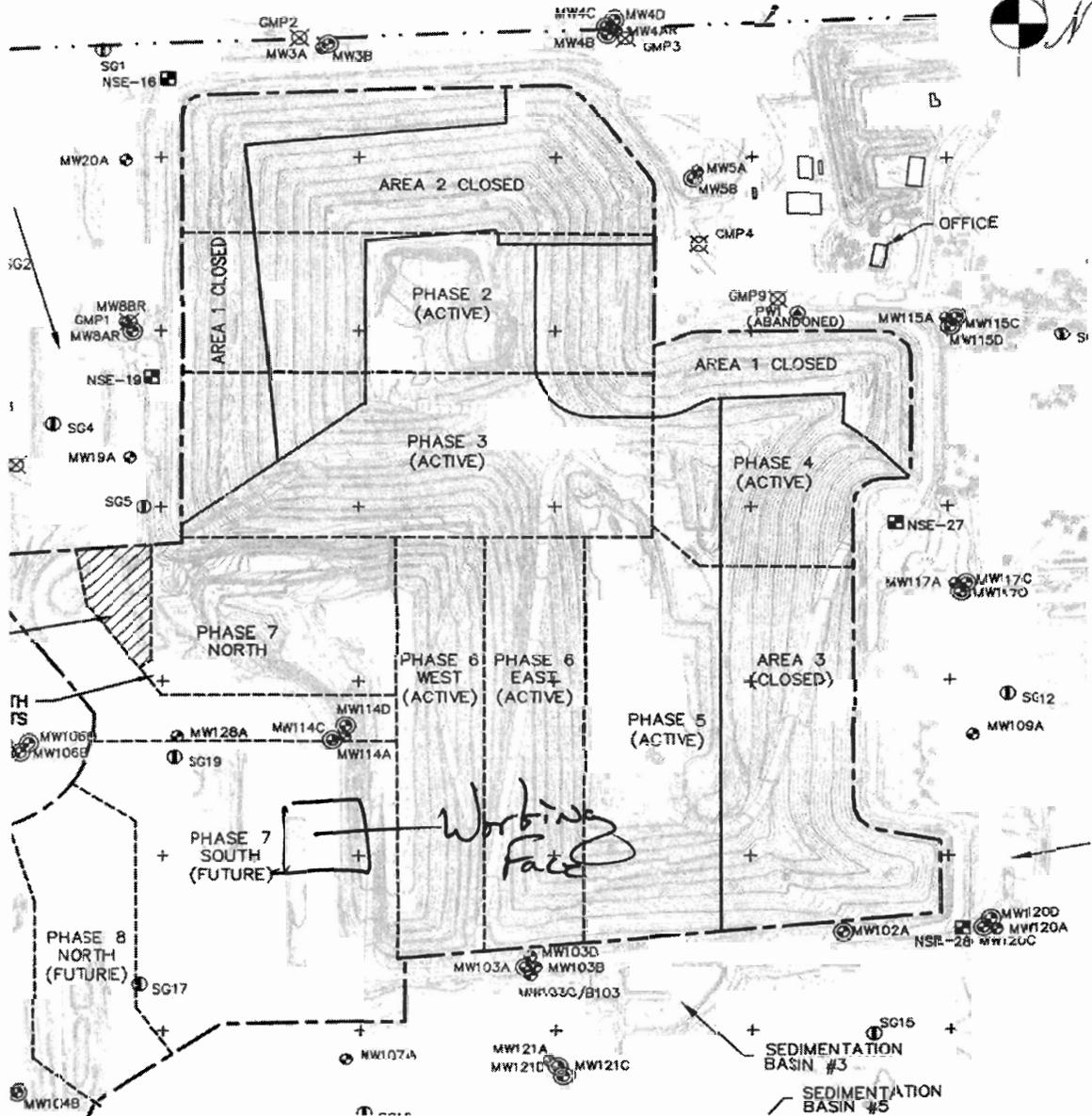
- \* Erosion Rills to be located & identified at end of Month audit
- \* Phases 1-3 in good shape along North & West slopes
- \* Contractors on site at end of April for Earth moving projects
- \* New Scale Operator only on Saturdays temp scale operator during weekdays

Auditor's Signature: [Signature] Date: \_\_\_\_\_  
Auditor's Printed Name: J. Paul Spear, Jr  
Management Signature: [Signature] Date: 4/9/14  
Management Printed Name: Mylena Hackney  
Management Title: GM  
JSA Principal Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# ADS 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

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

PROJECT NO. 1012.10030



Working face.



Working face on Eastern edge of Phase 7B, junction with Phase 6



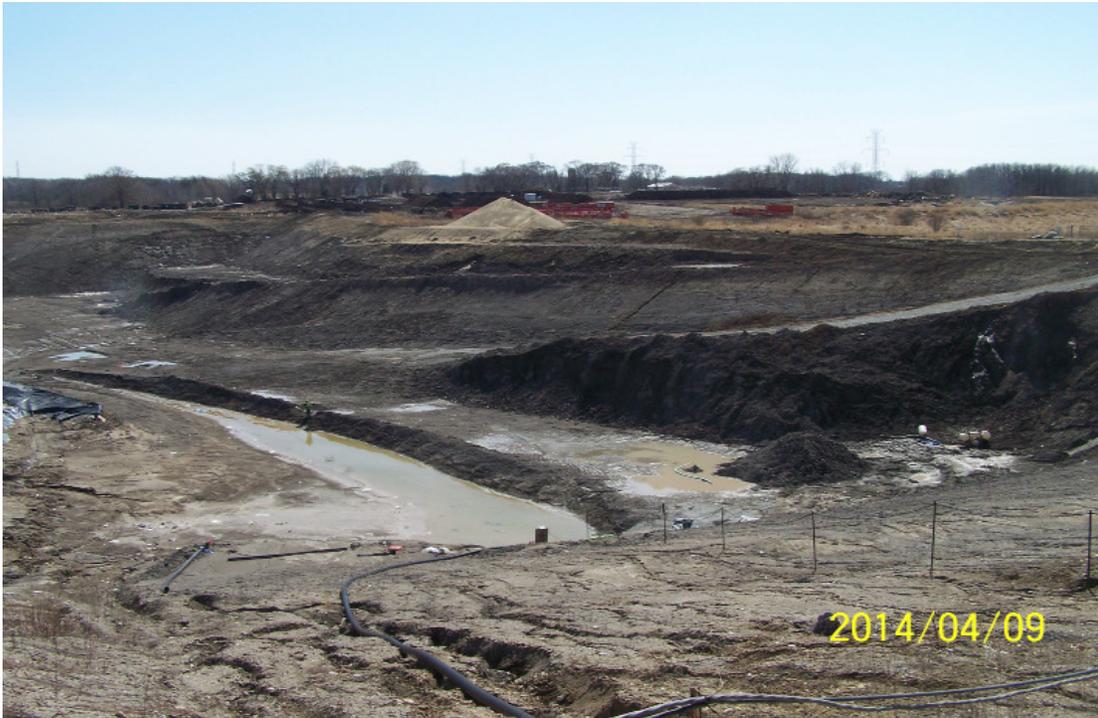
Phase 7B



Sump viewed from the Southeast



West edge of Phase 7 and 7B



Current sump on West edge of Phase 7. To be extended and deepened to the West.



Future Phase 8