



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 11/21/14  
**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 September 29, 2014. The audit was performed at 1:55 PM on **October 1, 2014** by Jo Spear, Jr. in the presence of David Greir, Operations Manager.

### Landfill Operations Audit:

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

- Active working face in middle of Phase 7B
- Bio-soils delivered earlier were tipped above Phases 4&5.
- Landfill direct soils tipped in active area of Phase 7B for later use as daily cover
- Liquid loads to Phase 6
- One compactor, two dozers and one excavator working on site
  - One D6 and one D8 in for repair
- Auto fluff supply dwindling; foundry sands and landfill direct soils in use for daily cover poly shred and soils in use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
  - Gas plant delivering, no flares in operation during audit
  - One blower in operation
- vegetation in fair condition
- Media filters changed on 9/30 causing temporary shut down
  
- One storm event since last audit; less than 1"
  - Site dry, but basins still draining
  - Ditches have accumulated some silt
- South slope of Phase 5 repaired area has been seeded
- No odors
- Liquid loads directed to top of Phases 6
  
- Minimal litter on-site; clear off-site
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 1,500 tpd of MSW and contaminated soils
  - Receiving landfill direct soils today
  - Random load inspection 9/23/14
  - No rejected loads
- Residential drop-off site clean
  - E-waste container present
  - Boxes full during audit

### Comments:

- Seep in North slope of Phase 4 repaired this week
  - Repaired area seeded
- Liner of West berm, Phase 7B punctured by dozer
  - Scheduled for repair by liner crew
- Soils from previous days being recovered from Phase 7
  - Stocked for use as cover material

### 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



52063  
52116

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

PROJECT NO. 1020.10030

DATE October 1, 2014  
Auditor on site at:  Open  Close

TIME 1:55

WEATHER Clear, high clouds

WIND 10-15  
N S E W

TEMP Maximum 61 °F Minimum 57 °F

B.P. 30.02

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						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in the middle of Phase 7B  
Bin soils delivered earlier were tipped  
above Phase 7B.  
Landfill direct soils tipped in Active Area of  
Phase 7B for cover use



Cover Material:

Asphalt dusting, foundry sand, and landfill leachate soils

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:			#	14600 cfm
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Media for filters changed on 9/30, causing shutdown.

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	41"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins draining, ditches have some silt  
South Slope of Phase 5, repairs needed.

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

No odors

F. Liquid Loads Received:

Periodic to top of Phase 6



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 litter onsite

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 46 & B Mile Road (clean), 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:						9/25/14
Tonnage:						1,500 TPD / Weeks

Comments:

MSW & Soils. Today reviewing landfill reject soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes full during audit



M. Other Comments:

\* Seep in Phase 4 North slope repaired this week and repairs seeded

\* Liner of West berm, Phase 7B West, punctured by dozer will be repaired by liner crew

\* Soil's from previous days being recovered from Phase 7 to be used as cover

Auditor's Signature: \_\_\_\_\_

Auditor's Printed Name: \_\_\_\_\_

Management Signature: \_\_\_\_\_

Management Printed Name: \_\_\_\_\_

Management Title: \_\_\_\_\_

JSA Principal Signature: \_\_\_\_\_

Date: 10/1/14

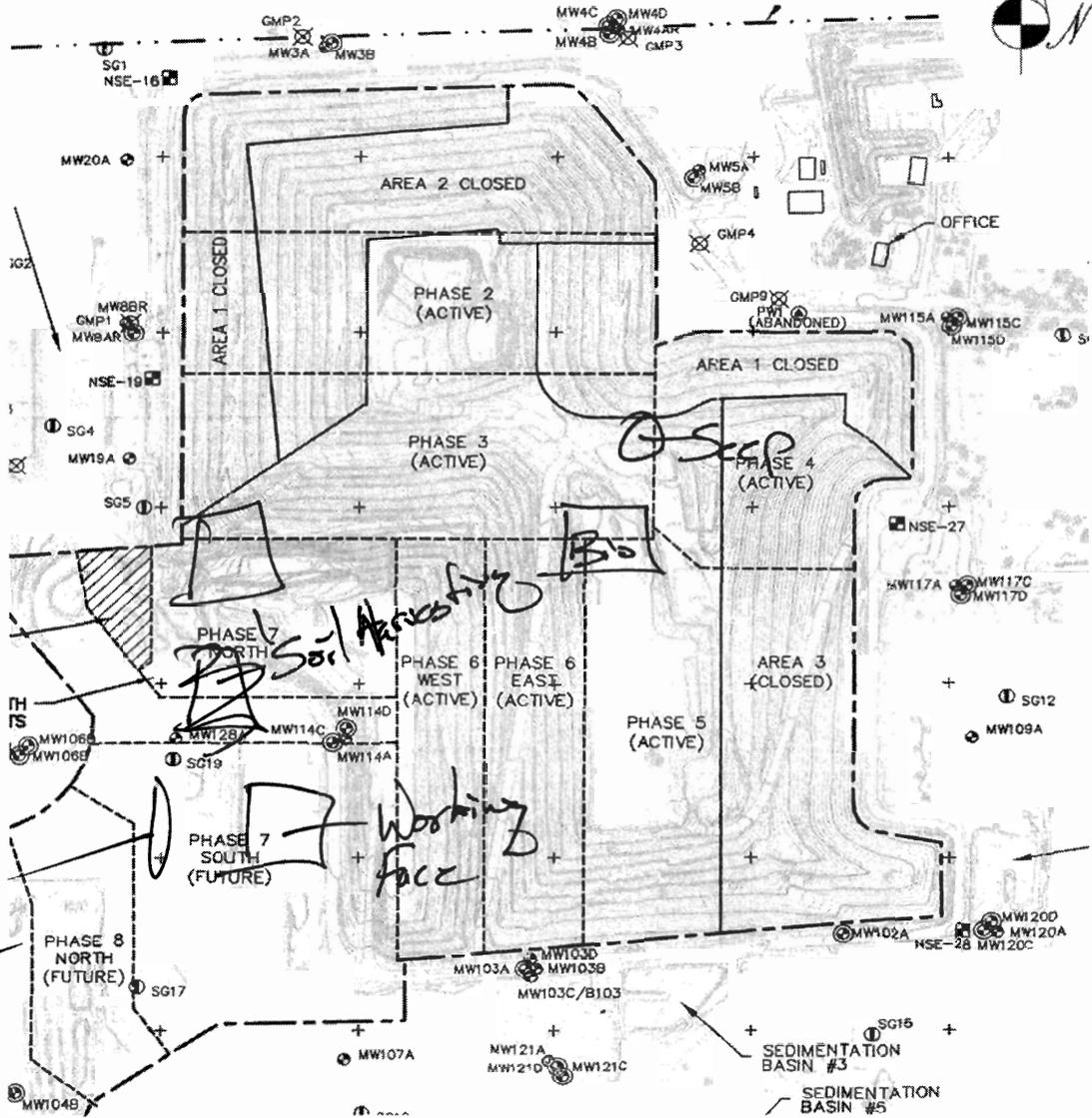
Date: 10-1-14

Date: \_\_\_\_\_



# ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



*West Barn*

*Soil Harvesting*

*Working Face*

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

LANDFILL AUDIT MAP



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

Date: \_\_\_\_\_  
Date: \_\_\_\_\_



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

PROJECT NO. 1012.10030



Phase 3,4, & 5; North slope, seep repair in center of photo.



South slope of Phase 5, erosion repaired, disked and will be seeded



Seep repair on North slope of Phase 4 & 5, above the cap of Closure area III



Phase 7B viewed from the North



Soil cover spread over completed lift in Phase 7B



Working face in Phase 7B



Basin #2 Draining after summer and early fall rains