

## ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 03/28/14  
**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 3, 2014. The audit was performed at 11:10 AM on March 6, **2014** by Jo Spear, Jr. in the presence of Mike Hackney.

### Landfill Operations Audit:

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

- Working face at North end of Phase 7B
  - Laying out fluff layer during audit
  - Stockpiling C&D for future use in Phase 7B
- One compactor, 2 dozers in operation
  - One dozer in maintenance yard
- Abundant autofluff stockpiled for cover
- All leachate discharging to MMSD; no recirculation
- One flare & 1 blower in operation
  - Steady gas delivery to MMSD
  - Approximately 1,400 cfm
- One snow event since last audit; approximately 1"
  - Site still snow-covered and frozen
  - Minor melt in areas receiving direct sun
- No odors noticeable
- Liquid loads periodic
  - delivered to Phase 7B
- Some litter on-site, but clear off-site
  - Two pickers at work
- US 45 and 8 Mile Road gritty & mucky in areas
- Scale camera in use; 1 equipment operator; no spotter
  - Receiving approximately 1,400 TPD
  - All MSW going to Phase 7B
  - No rejected loads
- Residential drop-off open & clean
- Dozer undergoing repairs to fire suppression system during audit
  - This is periodic maintenance
- Scale operator to be replaced by new employee next week

### 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 <small>month/date/year</small>	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 March 6, 2014  
 Auditor on site at: Open  Close

TIME 11:10

WEATHER Clear Sunny

WIND 10-15  
 N 0 E W

TEMP Maximum 26 °F Minimum 18 °F

B.P. 30.38

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						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>Dozer</u>		<input checked="" type="checkbox"/>				

A. Working Face Size and Location:

Working Phase at North end of Phase 7B  
Effluent layer being laid out. CED  
Wastes being stock piled for future  
use in Phase 7B



Cover Material:

Auto flag in abundance

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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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	#	0		
Shutdowns Since Last Audit:	#	0		
Flow to MMSD:	#	1,400	cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/> Dead <input type="checkbox"/>

Comments:

Steady delivery to MMSD

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	2/4
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow event during the week, site conditions still frozen, minor melt due to direct sun.

E. Odor Control:

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

No odors

F. Liquid Loads Received:

Periodic in these FB



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:

Minor 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 45 1/2 mile (clean), site roads gritty with some marks

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:	2/30/14				
Tonnage:	1,400 TPD				

Comments:

All MSW Waste is Phase 7B

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		
2.		None

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

Site clean



M. Other Comments:

\* Dayer receiving repairs to fire suppression system during audit. Periodic maintenance

\* Scale operator being replaced next week with new employee.

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

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

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

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

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

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

Date: 3/6/14

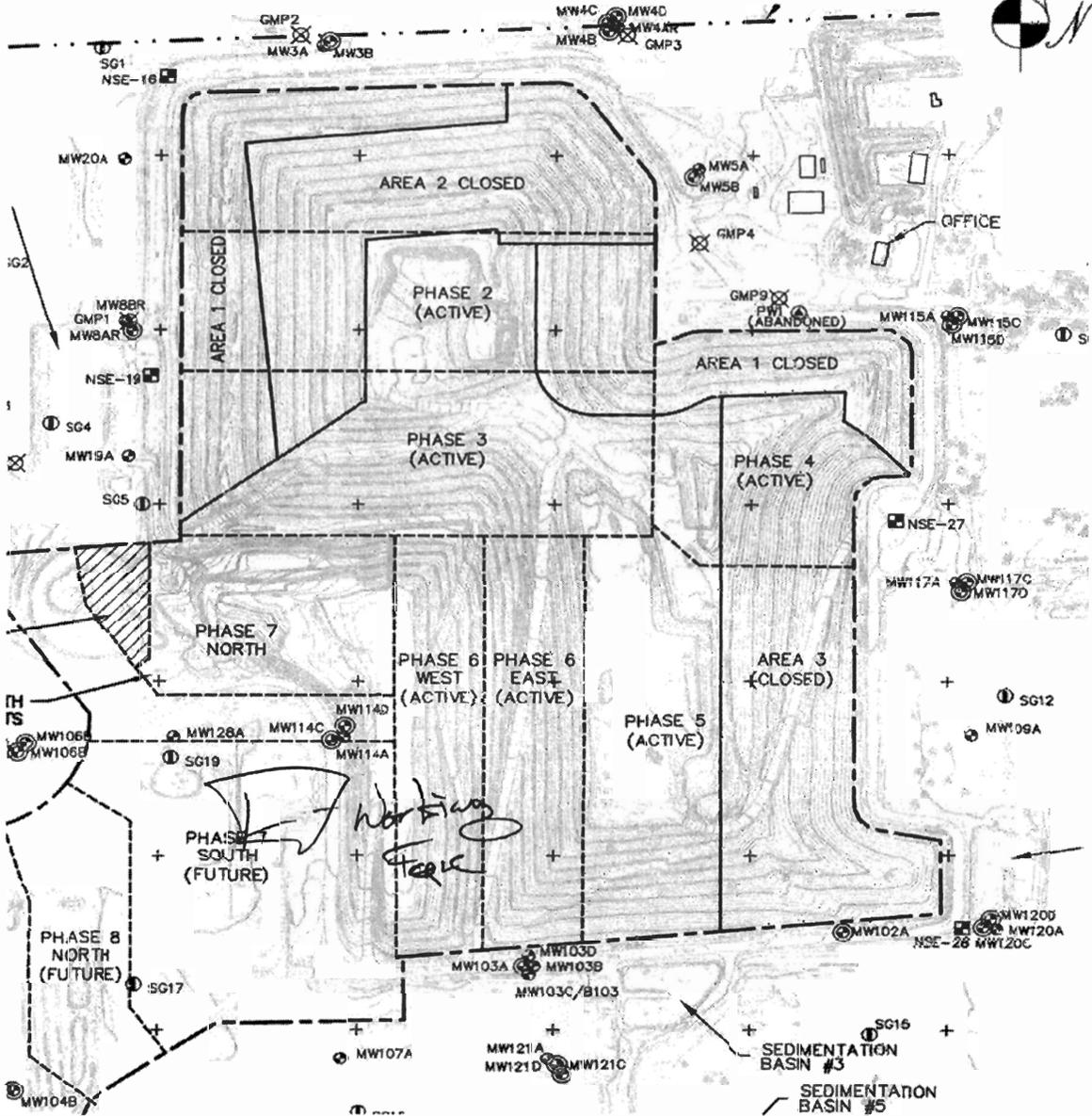
Date: 3/6/14

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 53212-3696  
**CIVIL ENVIRONMENTAL  
ENGINEERS**

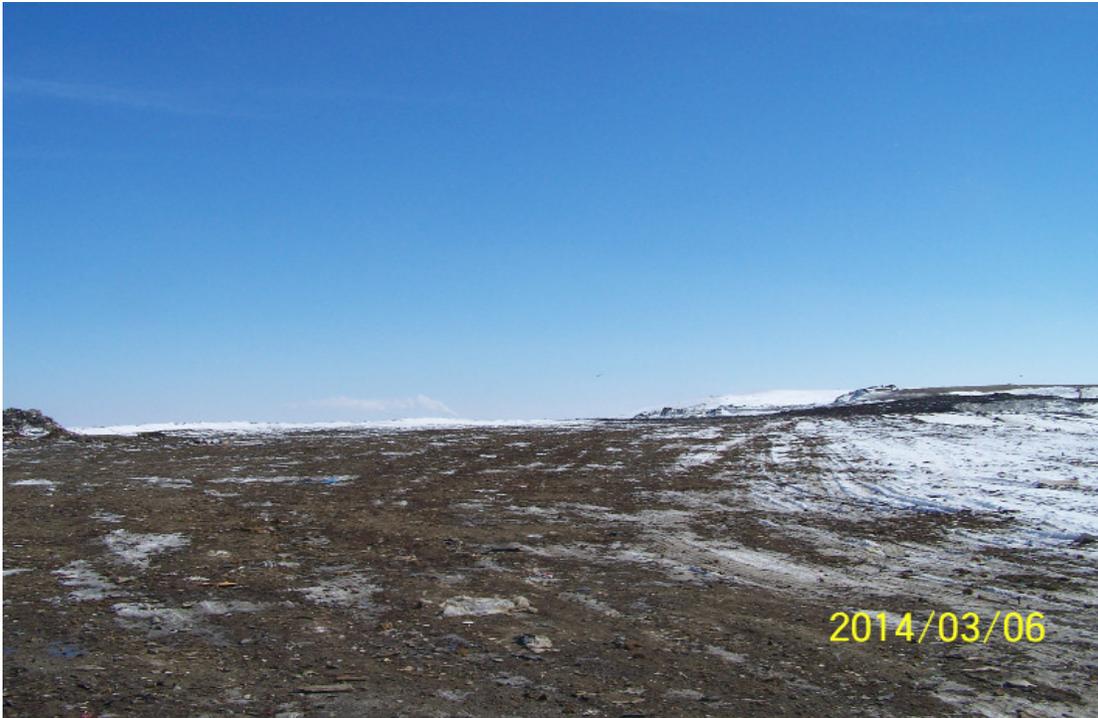
LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



C&D Materials stockpiled in Phase 4



Top of Phases 4-7A, unused during audit



Phase 7B fluff layer placement ongoing.



Working face in Phase 7B



Dozer fire suppression being charged, Phase 7B