



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear  
**COPIES:** File  
**DATE:** 1/16/2014  
**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 December 30, 2013. The audit was performed at 12:05 PM on **December 30, 2013** by Jo Spear, Jr. in the presence of David Geier.

### Landfill Operations Audit:

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

- Working face in middle of South slope of Phase 7
  - Active area above access road; compacting MSW into outbound slope
- One compactor, 2 Dozers and 1 excavator in use during audit
  - One excavator and one backhoe sidelined for repairs
- Autofluff, soils and some C&D used for cover
- Leachate discharging to MMSD; no recirculation
- One blower; no flares in operation
  - Gas flow to MMSD approximately 750 cfm
  - Frozen valves and effects of cold on similar devices affecting gas flow
- Heavy snowstorm on weekend of 12/21/2013
  - Site conditions completely frozen
- No odors
- Liquid loads are periodic
- Litter present on site; clear off-site
  - Two pickers active, but very little litter present
- US 45 & 8 Mile Road clean salt encrusted
- Tipping scale camera in use; 3 equipment operators; no spotter
  - Approximately 1,300 tons per day
  - Random load inspected 12/27/2013
  - MSW only coming in today; some C& D at end of last week
  - No rejected loads

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Residential drop-off area clean and in operation
- Drop-off boxes emptied during audit
- No contractor activity; no construction
- Schedule calls for Phase 8 sump to be widened and equipment access road completion
- Site will be closed on 1/1/2014
- Operations hours will be extended on 1/4/2014

### Construction Audit Notes:

No construction activity

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

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

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP	06/06/2013	28	All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.
2	07/25/2013	Construction entrance open and unattended	NR530.10(11	ASAP	07/25/2013	0	David Geier, Site Manager, closed and locked gate during audit

38128  
30081

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

PROJECT NO. 1020.10030

DATE December 30, 2013  
Auditor on site at: Open  Close

TIME 12:05

WEATHER Overcast with sun, cold

WIND S-15  
N S E W

TEMP Maximum 10 °F Minimum 3 °F

B.P. 30.30

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
<u>1</u>	<u>Tex Compactor</u>	<input checked="" type="checkbox"/>					
<u>1</u>	<u>Backhoe</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in middle of south slope of Phase 4. Working face above access road and being compacted into outboard slope



Cover Material:

Autohuff, soils & some CED

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"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#		NA	
Shutdowns Since Last Audit:	#		NA	
Flow to MMSD:	#		750	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:

Frozen valves & similar devices affecting discharge to MMSD

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	20"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Heavy snow storm on the weekend of 12/21/13  
All site water frozen.

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: No odors

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:  
*Very little 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.

*US45 7/8 Mile salt encrusted.*

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1
Equipment Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						12/27/13
Tonnage:	21,300 TPD					

Comments:  
*MSW only today, Past days had C&D Wastes*

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

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

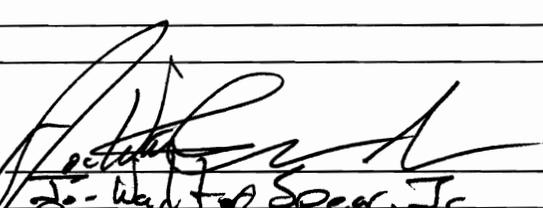
*Boxes being emptied during audit*



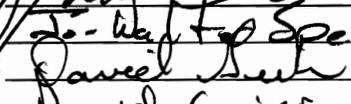
M. Other Comments:

\* No contractor activities or construction  
\* Phase 2 ramp to be widened  
and access equipment road.  
completed.

\* Site will be closed on 1/1/14  
operations will be extended on 1/4/13

Auditor's Signature: 

Auditor's Printed Name: Joe-Walter Spear, Jr.

Management Signature: 

Management Printed Name: David Greier

Management Title: Operations Manager

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

Date: 12/10/13

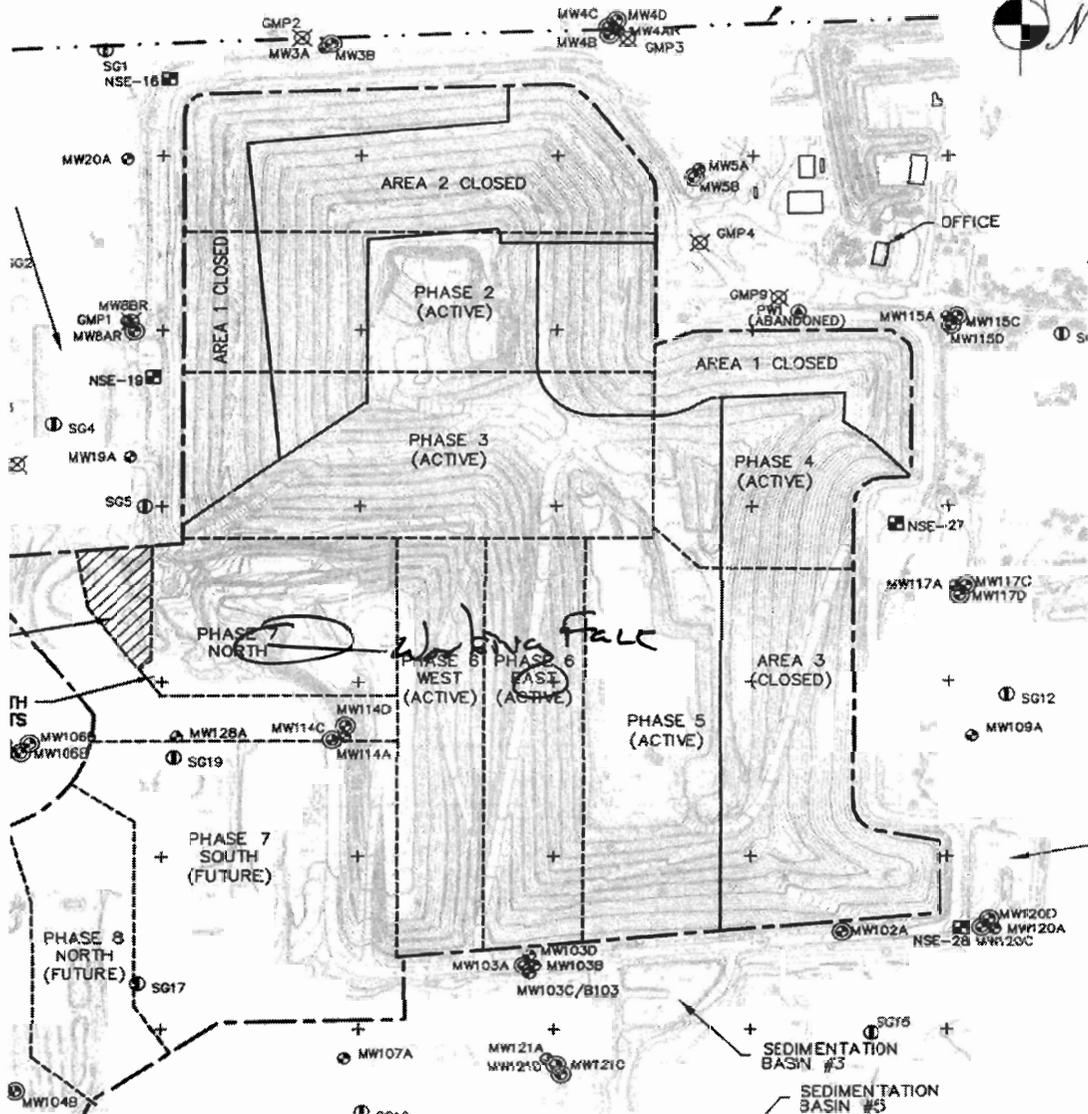
Date: 12/30/13

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



Phase 7 viewed from the South, on Access road



Working face on South slope of Phase 7



Working face on South Slope of Phase 7



Active area, excavator digging out frozen load



Phase 8, snow covered and awaiting DNR approval