



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 02/17/15  
**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 February 2, 2015. The audit was performed at 12:15 PM on **February 6, 2015** by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

#### Landfill Operations Audit:

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

- Working face beginning new lift in Phase 7B along North edge of Phase 7 slope
  - No other active working faces on site
- One compactor, one dozer and one excavator working on site
  - One Bobcat waiting repairs
- Foundry sand and soils used for daily cover
  
- All leachate discharging to MMSD; no recirculation
  - Surface applications in Phase 7 & 7B
- Gas flow to MMSD consistent
  - 1,600 cfm of gas destructed
  - No flares in operation during audit
  - One blower in use
  - One shut down for regeneration since last audit
  - Gas building operating as designed
  
- One snow storm and one light snow since last audit; about 2"
  - Storms had no impact on operations
- No odors
- Liquid loads periodic
  
- Minor litter on-site; clear off-site
- Two pickers working
  - One picker operating residential drop-off
- US 45 and 8 Mile Road clean; site roads gritty
  
- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,500 tpd of MSW and C&D

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- No rejected loads
- Residential drop-off site clean
  - E-waste container present
  - Volume low
  - Boxes empty

Comments:

- Phases 7 & 7B cleaned up today
  - Temporary stash piles removed
  - Surface cleared
- Frozen conditions on site
  - No activity in Temporary basin
- Contractor turning compost during audit
  - No off-site odors created

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 February 6, 2015 TIME 12:15  
 Auditor on site at:  Open  Close

WEATHER Clear, overcast, WIND S-20  
 N  E W

TEMP Maximum 28 °F Minimum 16 °F B.P. 30.13

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

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

A. Working Face Size and Location:

Working face, a new lift in Phase  
 7B along North edge against  
 Phase 7  
 No other working faces on site



Cover Material:

Foundry sand and good soils

B. Leachate Management:

Discharge to MMSD  Recirculation

Phases: Surface application Part 1 & 7B

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	6
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# Regen			
Shutdowns Since Last Audit:	# Regen			
Flow to MMSD:	# 1,600 cfm			
Vegetation Condition:	Good <input checked="" type="checkbox"/>	NA <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/> Dead <input type="checkbox"/>

Comments:

Gas building running as designed

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	71"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

One large snow event & one small event last week, No impact on operations

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:

Minor litter  
One picker running resi-drop-off

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 2/5 & 8 Mile Road clean, site roads  
gritty

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:				
Tonnage:	1,500 TPD			

Comments:

MSW, C&D only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit	<input checked="" type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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Drop off volume low, boxes empty

M. Other Comments:

\* Phase 7 1/2 7B Cleaned up today  
clean out piles removed, surface  
cleared

\* Frozen conditions no activity in temp  
basin

\* Composting contractor turning rows  
during audit, no offsite odors

Auditor's Signature:

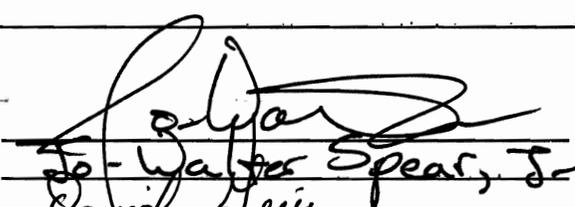
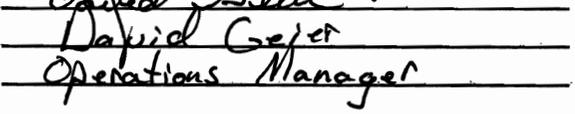
Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:

  
Joe-Walter Spear, Jr.  
  
David Gejer  
Operations Manager

Date:

2/6/15

Date:

2-6-15

Date:

ADS

Future Parkland  
MonoFill

Future  
Development

Working  
Face

Compost  
Turning

Advanced Disposal Services Emerald Park Landfill  
Landfill Audit Map  
City of Muskego  
Project No. 1020.10030

**JSA**  
2410 N. Palmer  
Wauwatosa, WI 53226  
CIVIL-ENVIRONMENTAL  
ENGINEERS

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

PROJECT NO. 1012.10030



Bio soil pile in Phase 4/6. Low volume being received



Autofluff stockpile for use in liquid loads



Active area viewed from North



Working face in Phase 7B, viewed from the North



Working face in Phase 7B



Portion of working face in Phase 7B Northern end



Phase 7B viewed from East