



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear  
**COPIES:** File  
**DATE:** 2/12/14  
**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 January 27, 2014. The audit was performed at 10:30 AM on **January 28, 2014** 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 hollow point between Phases 3 and 7
  - Only one working face as entire footprint nears grade
  - Clean-up from last week's winds is on-going
  - Heavy litter in all active areas and working face
- One compactor, 2 Dozers and 1 excavator in use during audit
- Autofluff, soil & C&D used for cover
- Leachate discharging to MMSD; no recirculation
- One blower in operation
  - 1,200 cfm to MMSD
- Two storm events since last audit; approximately 1" of snow
  - Snowfall over weekend
  - Site conditions frozen; no flowing water on site
  - Snow sublimation, but no melt
- Minor gas odor at working face
- Liquid loads are periodic
- Litter present on site; clear off-site
  - Four pickers active
  - Litter on-site from last week
- US 45 & 8 Mile Road clear with salt stains and blowing snow
- Tipping scale camera in use; 1 equipment operator; no spotter
  - Approximately 1,300 tons per day

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Small soil volumes; primarily MSW
- No rejected loads
- Random load inspected 1/24/2014
- Residential drop-off boxes filled with bags from litter pickers
- WMWI Metro facility closed
- New cell approved top receive waste; fluff layer expected to start tomorrow
- Fluff will be laid out North and East
  - Unacceptable loads will be tipped in current working face
  - Fluff will be laid out North and East
- Management planning different approach for containment berms and daily cover than in Phase 7; will discuss at meeting
- No construction activities today

**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 January 29, 2011  
 Auditor on site at  Open  Close

TIME 10:36

WEATHER Clear, Sunny, Breezy

WIND 10-25  
 N  E  W

TEMP Maximum 47 °F Minimum -9 °F

B.P. 30.33

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 is hollow point between Phases 3-7  
bring entire footprint up to grade  
Only one Working face  
Cleanup from last weeks winds ongoing  
with litter on Working face of Active Area



Cover Material:

Anti-off soil & C&D.

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 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:			#	2,200 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:

Gas flow to MMSD

D. Surface Water Management:

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

Snow events after last weekend.

Site conditions frozen, sublimation but no melt

E. Odor Control:

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

Minor gas odor at working face

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"/>	# 4

Comments:

Litter onsite from last weeks

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 & 8 Mile clean with salt standing and blowing  
Snow

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:	1/24/2012				
Tonnage:	1,300 TPD				

Comments:

Site operations, receipts, not being impacted by cold

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Resid drop off boxes filled with bags from pickers



M. Other Comments:

- \* WMW Metro facility closed.
- \* ~~At~~ New Cell received approval to receive waste and flag layers expected to start tomorrow.
- \* Fluff will be laid out North & East, unacceptable loads will be tipped in current working face
- \* No construction activities today.
- \* Management will approach containment berm and daily cover differently than in Phase 7 will discuss at meeting.

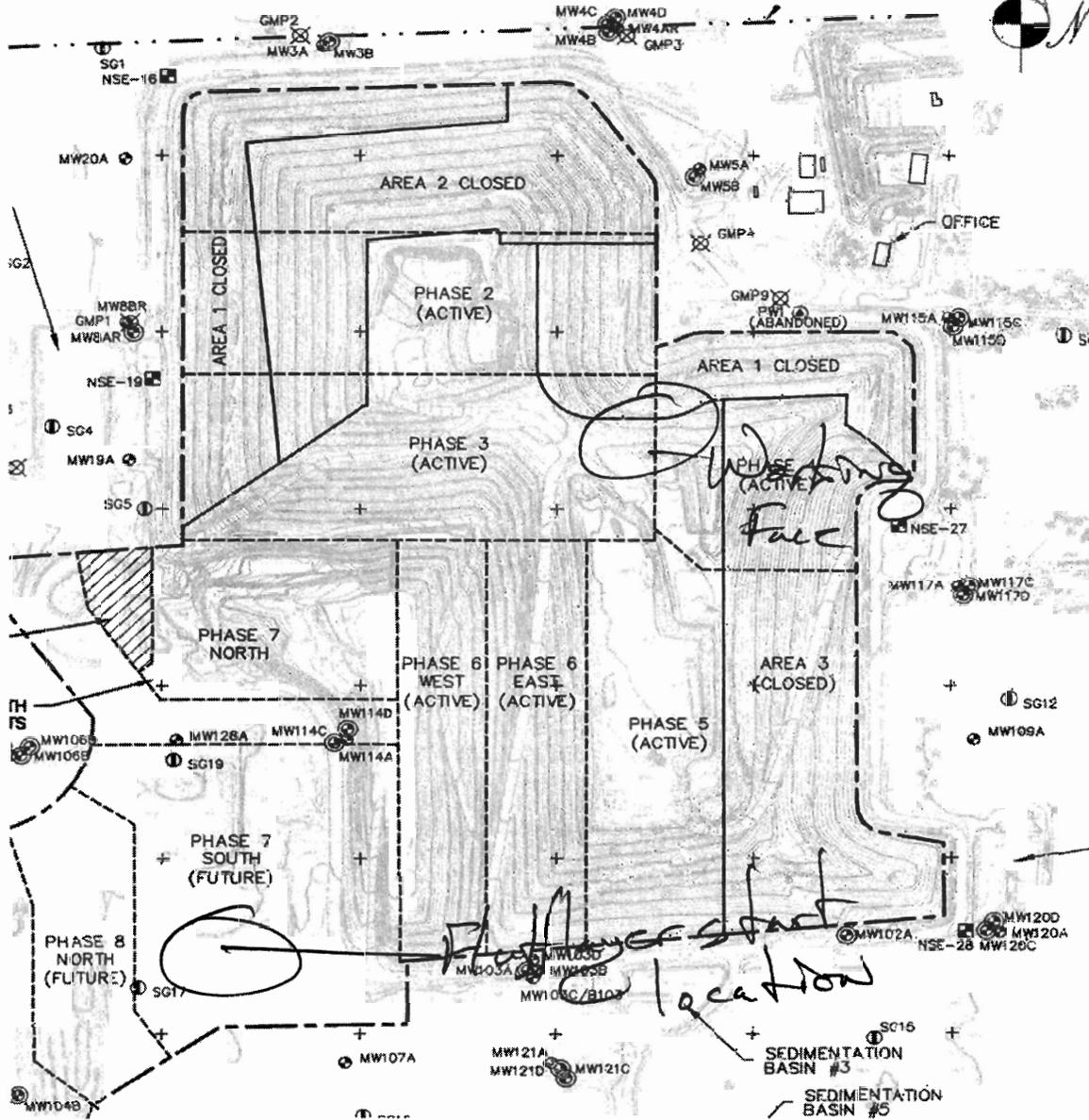
Auditor's Signature: [Signature]  
Auditor's Printed Name: Jo-Walter Speed, Jr.  
Management Signature: [Signature]  
Management Printed Name: David Geier  
Management Title: Operations Manager  
JSA Principal Signature: \_\_\_\_\_

Date: 1/28/2014  
Date: 1-28-2014  
Date: \_\_\_\_\_



# ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




**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



Dozer moving frozen loads to working face



Autofluff stockpiles



Active area



Working face



Working face on slope



Berm to set limits of waste placement



Platform to start fluff layer from