



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego

**FROM:** Faith Spear.

**COPIES:** File

**DATE:** 03/13/14

**PROJECT NUMBER:** 1012.10030

---

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 24. The audit was performed at 1:20 PM on February **26, 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:

- MSW now being tipped in Phase 7b;
  - stretching out & stabilize fluff layer with MSW
  - Liquid loads also being tipped into Phase 7b
  - Waste not suitable for fluff layer going into Phases 5/6/7
- Two dozers and 1 excavator in operation
  - Two compactors in for maintenance or repair
- Autofluff used for cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 blower in operation
  - Flare used once since last audit
  - One shut down since last audit
  - Gas flow is approximately 1,400 cfm to MMSD
- One snow event; approximately 1"
  - Ditches & basin all frozen
  - Site snow covered
  - Temporary sedimentation basin pump has been repaired
- No odors noticeable
- Liquid loads are periodic
- Litter on-site, but clear off-site
  - Four pickers at work clearing perimeter fencing during audit
- US 45 and 8 Mile Road clean
- Scale camera in use; 2 equipment operators; no spotter
  - Receiving approximately 1,400 TPD
  - No rejected loads
  - Predominately MSW
- Residential drop-off open
  - Boxes full, but area clean
- Both compactors inoperable
  - One with gelled fuel; other needing maintenance

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- 
- Site litter picking extended to East side of US 45 due to weather conditions
- Scale freezing continues
- 

### 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 26, 2014  
 Auditor on site at:  Open  Close

TIME 1:20

WEATHER Clear, Sunny, Bristk

WIND 13-25  
 N  E

TEMP Maximum 15 °F Minimum 1 °F

B.P. 30.12

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor	✓					
1	Compactor		✓				

A. Working Face Size and Location:

Msw being tipped in Phase 7b, stretching out fluff layers. Liquid loads also being tipped in Phase 7b. Waste not suitable for fluff being tipped in Phase 5/6/2



Cover Material:

*Auto Huff*

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:		#	1,400	cfm
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

*Discharge gas to MMSD*

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	214
-------------------------	---	---	-------------	-----

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

*Snow event only, site conditions frozen  
ditches and basins frozen.  
Temp sed basin pump repaired*

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"/>	#4

Comments:

Litter in perimeter fences, actively being picked during audit

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

USHS, 2 Mile, 1/2 Site roads clean

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	1
Random Load Inspection Dates:						2/21/14
Tonnage:	1,400 TPD					

Comments:

MSW pre dominantly being received.

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes full, but area clean



M. Other Comments:

\* Both compactors down. One suffering from gelled fuel. The other down for maintenance

\* Site litter picking extended to East side of USHS due to weather conditions

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

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

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

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

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

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

Date: 2/26/2004

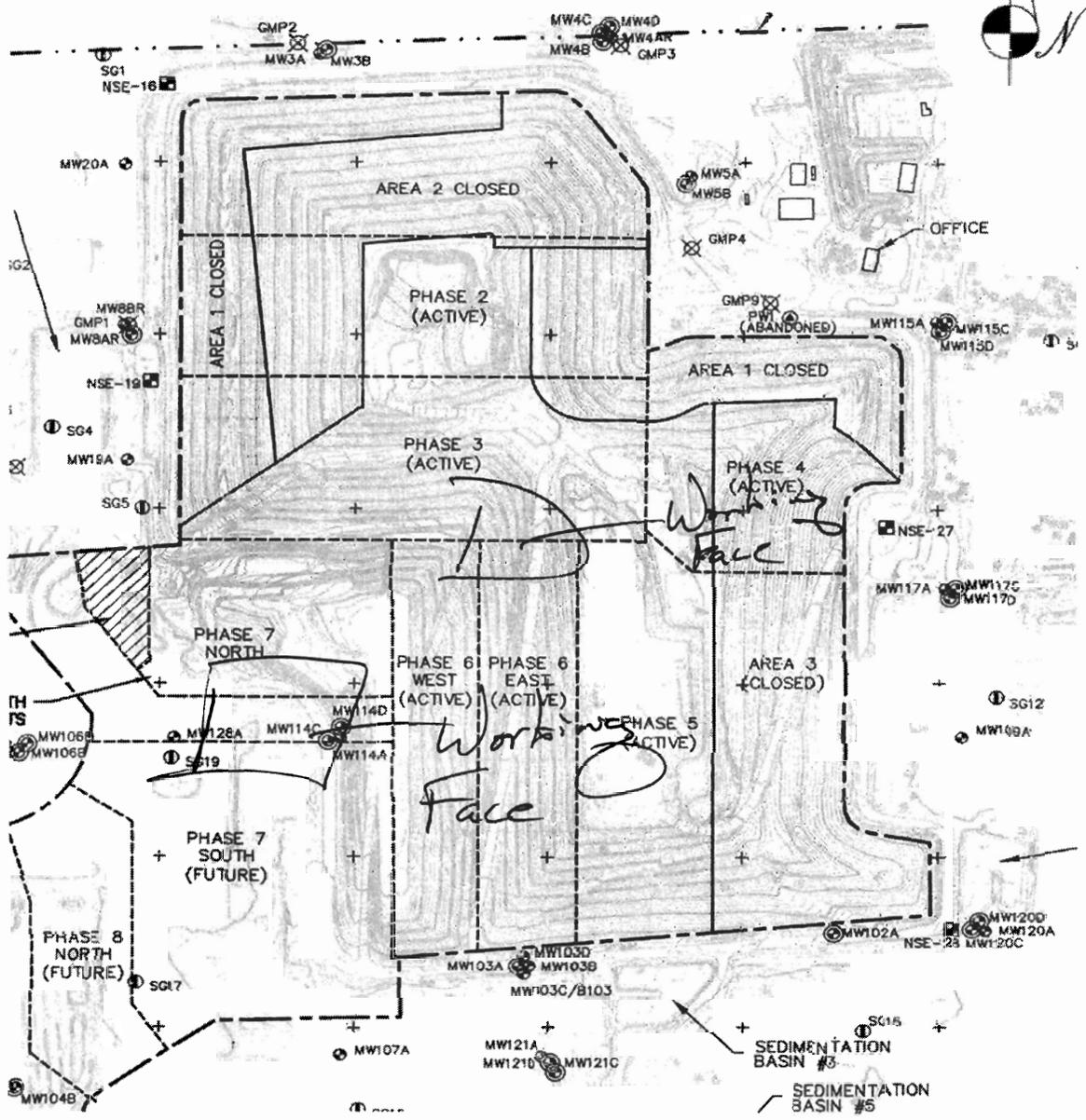
Date: 2/26/14

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 53212-3006  
 CIVIL ENVIRONMENTAL  
**ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Working face in Phase 7B



Phase 7B viewed from the South



Leachate collection system being covered over by fluff layer



Working face in Phase 5



C&D tipping in Phase 5



Fluff layer being pushed out to North



Phase 7B viewed from the Northeast