



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 02/04/15  
**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 January 26, 2015. The audit was performed at 12:10 PM on **January 30, 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 spread out along Southwest corner of Phase 7B
  - No other active working areas
  - Tarp used as cover last night
- One compactor, one dozer and one excavator working on site
  - One backhoe waiting for repair
- Sands and soils and tarp when necessary used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
  - No flares in operation during audit
  - One blower in operation
  - Flare used only during regeneration since last audit
  - Shut down for regeneration
  - Site snow covered
  - Gas building operating as designed
  
- Minor snow event since last audit; less than 1"
  - Major snowstorm expected next week
  - Site surface frozen
  - Some sublimation reducing snow cover
  
- No odors
- Liquid loads periodic
- Litter present on-site; clear off-site
- Two pickers working
  - One picker operating drop-off
  - One picker clearing fences on-site

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- US 45 and 8 Mile Road dusty; site roads dusty and gritty
- Scale camera in use; three equipment operators; no spotter
  - Receiving approximately 1,200 tpd
  - Increased demolition waste this week, rest MSW, foundry sands and liquids
  - Random load inspection 01/28/15
  - No rejected loads
- Residential drop-off site clean
  - E-waste container present, nearly empty
  - Boxes about ½ full
  - half of boxes full

Comments:

- Mostly MSW and sand loads this week
- New transportation vehicle for gas and field technician employed at site
- Temporary sedimentation basin in Phase 7B is completely frozen
  - Basin was pumped down in early January prior to hard freeze

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 30, 2015 TIME 12:10  
 Auditor on site at: Open  Close

WEATHER Clear Sunny, surprisingly warm WIND N S E W  
 TEMP Maximum 21 °F Minimum 17 °F B.P. 30.23

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>1</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>Backhoe</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in South west corner  
of Phase 7B. No other working  
faces. Working face well spread  
out.  
Tarp used as cover last night



Cover Material:

*Sands, soil, and tarp if necessary*

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	#	<i># Only during Regen</i>		
Shutdowns Since Last Audit:	#	<i>Regen only</i>		
Flow to MMSD:	#	<i>19600 cfm</i>		
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

*Gas building operating per design*

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	<i>41'</i>
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

*Minor snow event, Next week a larger storm is expected  
site water frozen. Some sublimation*

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*



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:

One picker operating drop off other  
picker active 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 25 & B Mile road dusty  
Site roads dusty and gritty

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"/>	#	3
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	1/28/15			
Tonnage:	1,200 TPD			

Comments:

Increase in Demolition waste, MSW, foundry sands, and liquid

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes half full, e-waste nearly empty



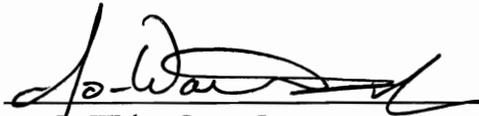
M. Other Comments:

\* New and Sands only being received this week.

\* New transportation vehicle for gas and field technicians employed at site.

\* Temp Sed Basin in Phase 7B is completely frozen. Pumped down in early January.

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



Date: 1/30/15

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

Walter Spear, Jr.

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



Date: 1-30-15

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

David Geier

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

Operations Manager

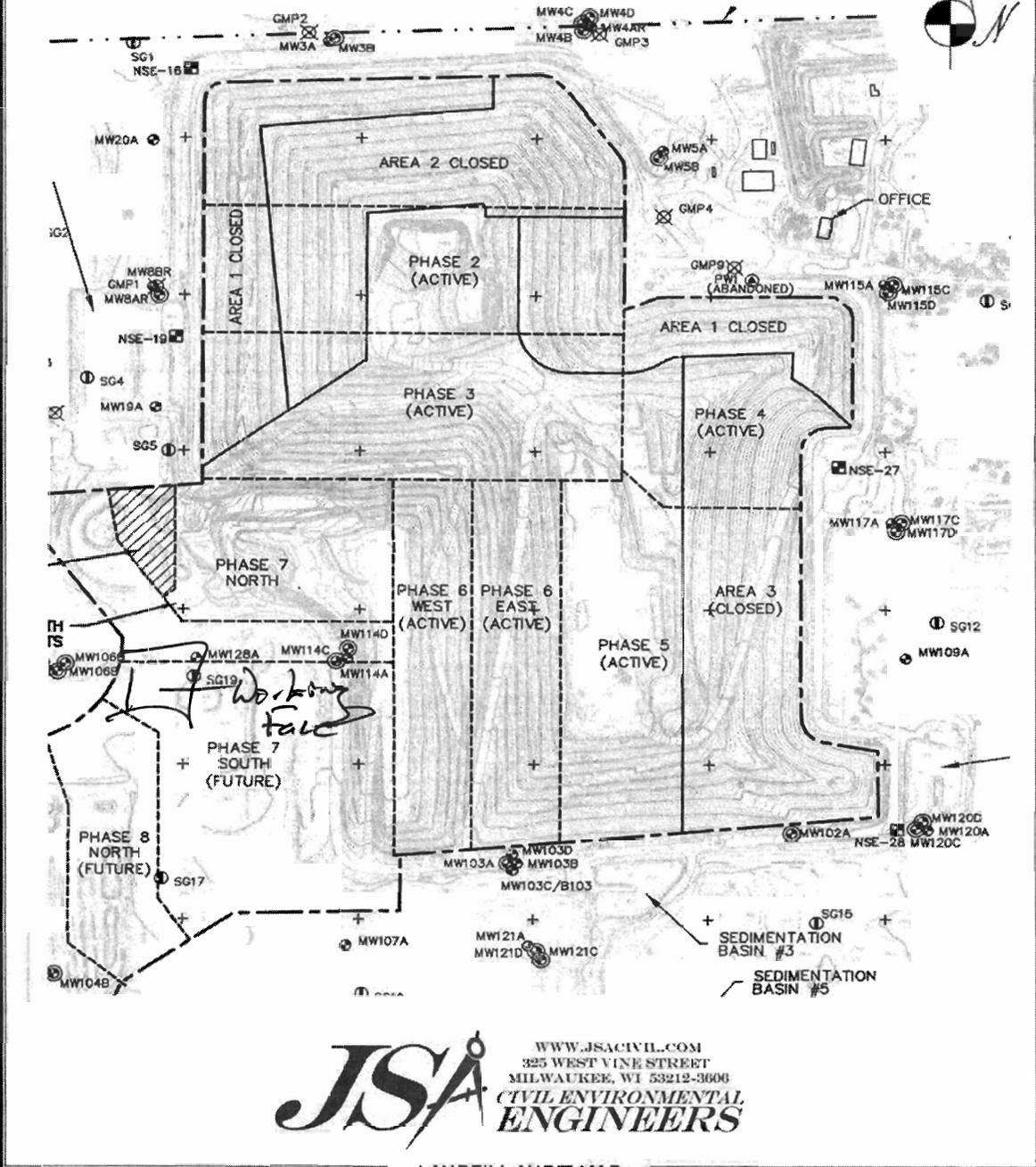
JSA Principal Signature: \_\_\_\_\_

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 53212-3600  
**CIVIL ENVIRONMENTAL  
ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Working face in Northwest corner of Phase 7B



Phase 7 access route



Active area viewed from North



Temp sed basin, frozen, drained previous week



Trucks cleaning out



Working face viewed from the Northeast



Green tarp for use as daily cover



Active Area viewed from the South



Working face viewed from the South