



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 02/02/15  
**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 5, 2015. The audit was performed at 3:35 PM on **January 7, 2015** by Jo Spear, Jr. in the presence of Michael Hackney, General Manager.

#### Landfill Operations Audit:

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

- Below grade working face in Southwest corner of Phase 7B West.
  - Incoming trucks tipping in upper level
  - Waste pushed to lower area with landfill equipment
- One compactor & two dozer working on site
- Site soils and sands in use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
  - One blower in operation, no flares in use during audit
  - Gas plant running smoothly
  - Vegetation covered with snow
  
- Three storm event since last audit; about 1"
  - Site snow-covered; surface water frozen
- No odors
- Liquid loads periodic
  
- Litter on-site; pretty clear off-site
- No pickers; temperatures too low for pickers
- Off site litter controlled by fencing
- US 45 and 8 Mile Road have blowing snow conditions
  - Blowing snow on site roads, too
  
- One scale camera in use; three equipment operators; no spotter
  - Receiving approximately 1,300 tpd of MSW, sand and C&D
  - Random load inspection 01/02/2015
  - No rejected loads

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Residential drop-off site open
  - E-waste container overflowing
  - Staff has made calls to contractor;
  - No response from contractor

Comments:

- First audit of 2015
- Snow obscuring all but active area of site
- No visible evidence of seeps through snow cover
- Tarps procured and at ready for use as daily cover

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 7, 2015 TIME 3:35  
 Auditor on site at: Open  Close

WEATHER ☉ Clear, high clouds, bright sun WIND 0-15 N S E W

TEMP Maximum 1 °F Minimum -7 °F B.P. 30.61

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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 below grade N Southwest  
corner of Phase 2B West.  
Waste being tipped at upper  
elevation and pushed down to lower



Cover Material:

Site soils & Sands

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	#	~		
Shutdowns Since Last Audit:	#	~		
Flow to MMSD:	#	1,600	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:

Snow covered site No Veg. Gas plant running smoothly

D. Surface Water Management:

Storm Events Since Last # 3 Est. Volume 2714

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

Snow events, site snow covered surface 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 type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#

Comments:

Temps too low for pickers.  
 No litter offsite, litter fences placed in path

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 have blowing snow on site roads

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:						1/2/15
Tonnage:	1,300 TPD					

Comments:

Receiving sand, C&D, & MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop Off:	Open During Audit	<input type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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E-Waste overflowing, contractor has not responded to calls



M. Other Comments:

\* First Audit of 2015

\* Snow obscuring all but Active areas  
no evidence of seeps through snow  
cover

\* Site now has tarps for use <sup>as</sup> daily cover

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

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

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

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

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

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

Date: 1/7/15

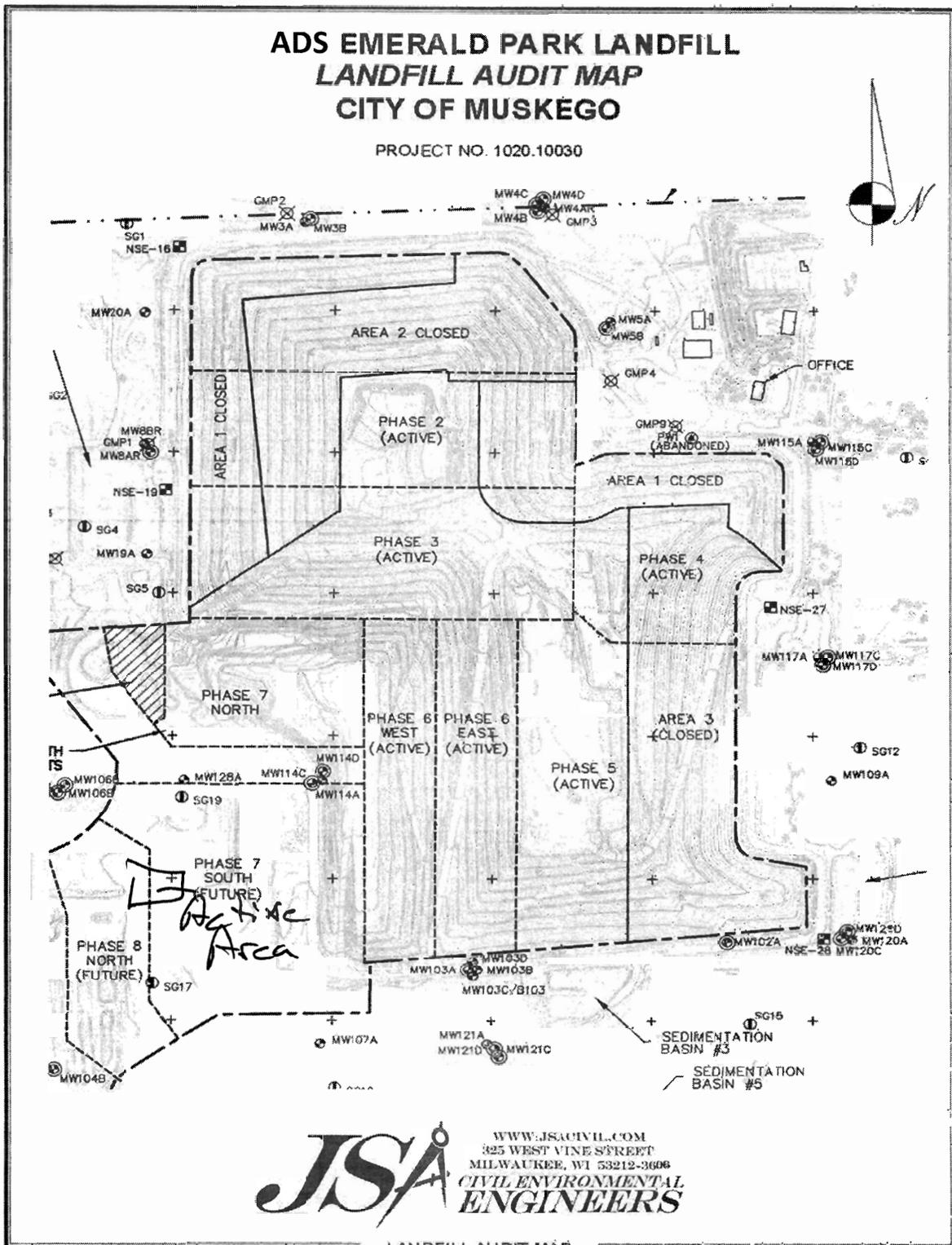
Date: 1/9/15

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



Active area viewed from the North



Tipping above working face



Active area viewed from the North



Working face at base of slope, waste being placed by dozer



Tipping above working face, dozer pushing down slope