



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 02/03/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of January 19, 2014. The audit was performed at 1:10 PM on **January 22, 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:

- Working face in Northwest corner of Phase 7B along Phase 6 East slope.
 - Starting a new lift
 - Receiving MSW and C&D wastes
- One compactor, one dozer, one haul truck and one excavator in use during audit
- Site soils and sands in use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD at 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Flare used since last audit only during regeneration
 - Vegetation covered with snow

- Small snow event since last audit; about 1"
- Some odors on site
 - Odor near compost operation
 - Mild garbage odor adjacent to Phase 7
 - Liquid load being tipped during audit possible source of garbage odor

- Litter on-site
 - Litter fences catching litter about active area
 - Pickers working
- No obvious litter off-site
- US 45 and 8 Mile Road clean; site roads gritty & wet from thawing snow

- Scale camera in use; 4 equipment operators; no spotter
 - Receiving approximately 1,200 tpd of MSW, C&D and foundry sand

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 1/16/15
- No rejected loads
- Residential drop-off site clean
 - E-waste container present

Comments:

- Odor complaint on 1/19/15
 - Called in by Mark Slocumb
 - Possibly due to Compost Operation; turning & restacking
 - During audit odors meeting the complaint description were observed
- Excavation in future Phase 8
 - Excavated soils used as intermediate cover on South outboard slope of Phase 7

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 22, 2015
 Auditor on site at: Open Close

TIME 1:10

WEATHER Clear, Sunny, High Clouds

WIND 10-25
 (N) S E (W)

TEMP Maximum 32 °F Minimum 23 °F B.P. 30.42

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						
<u>1</u>	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
	<u>None</u>						

A. Working Face Size and Location:

Working face in Northwest corner
of Phase 7B, starting around lift
and receiving MSW and C&D wastes



Cover Material:

Site soils & sand

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	# Just for Regen			
Shutdowns Since Last Audit:	# 0			
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:

Vegetation covered by snow

D. Surface Water Management:

Storm Events Since Last	# 1	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 event on 1/20/15. Small snow event.

E. Odor Control:

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

Odor about compost operation. Mild garbage odor adjacent to Phase 7.

F. Liquid Loads Received:

Load being tipped during audit, possible odor source



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"/>	#

Comments:

Litter fences containing litter about active area

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 & B Mile Clean
Site roads gridded and swept from melt

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"/>	#	4
Spotter:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Random Load Inspection Dates:	1/16/15			
Tonnage:	1,200 TPD			

Comments:

C&D, MSW, & Foundry Sands

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Site clean



M. Other Comments:

* Odor Complaint on 1/19/15, called in by Mark Stocomb, possibly an odor from Compost Operations

During audit odors were encountered at Compost area, that met the complaint description

* Excavation in future Phase 8, soils being used for intermediate cover on South out board slope of Phase 7

Auditor's Signature:

[Handwritten Signature]

Date: 1/22/15

Auditor's Printed Name:

Jo-Walter Spear, Jr.

Management Signature:

[Handwritten Signature]

Date: 1/22/15

Management Printed Name:

Michael Hackney

Management Title:

GM

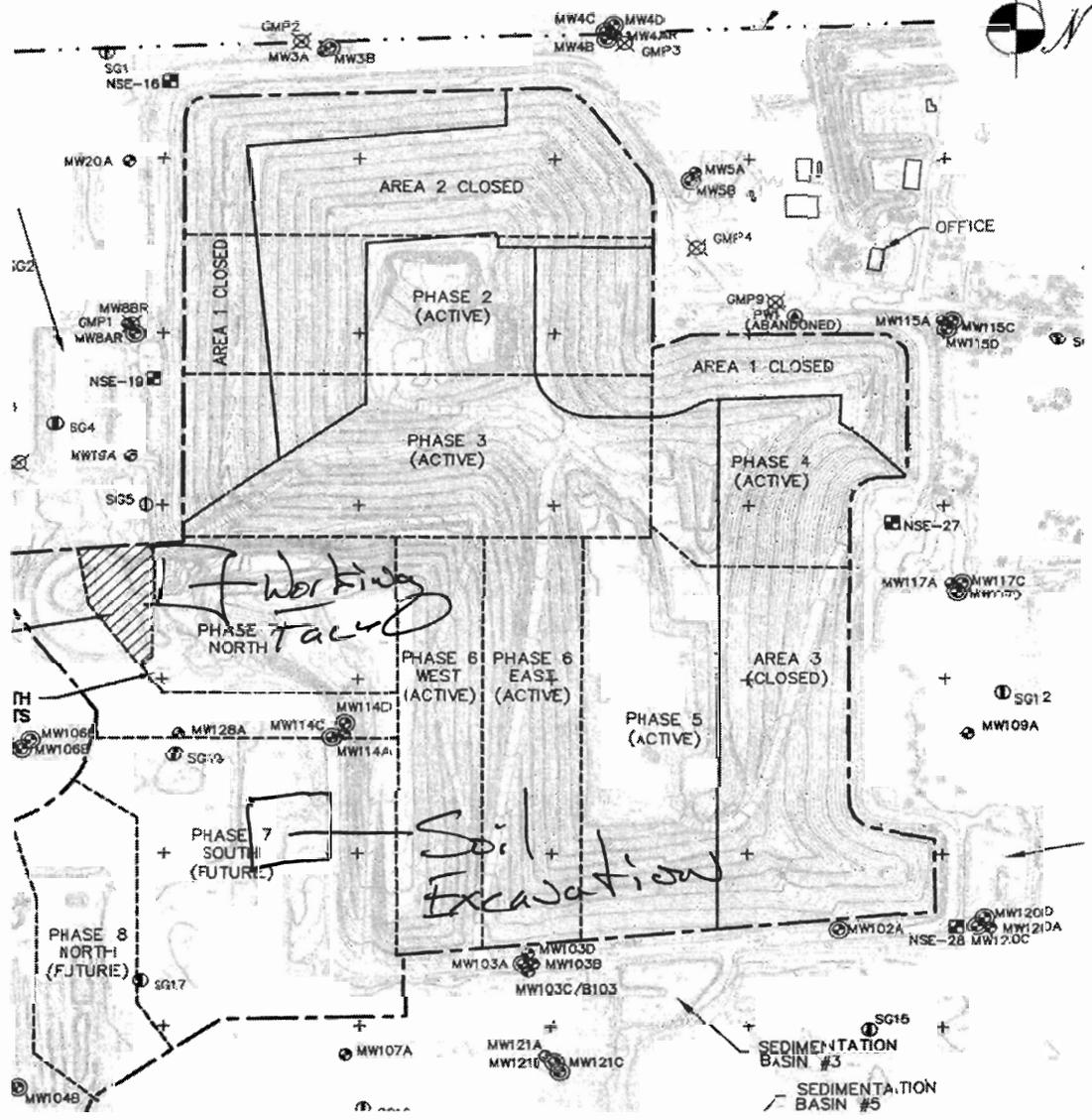
JSA Principal Signature:

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 53212-3606
**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



Active area



Access to Phases 7 and 7B



Active area, viewed from the North



Trucks cleaning out



Working face viewed from the East



Active area and in active portions of Phase 8, viewed from the East



Working face viewed from the East



Active area viewed from the East



Steam from recently turned compost windrow