



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 12/12/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of November 10, 2014. The audit was performed at 12:18 PM on **November 14, 2014** 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 middle of Phase 7B
 - Receiving MSW and liquid loads
- Intermediate cover on surrounding faces has been Back-dragged
- One compactor & one dozer and one excavator in use on site
 - One dozer in for repair
- Soils and foundry sand used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD is consistent
 - 1,700 cfm
 - No flares in operation during audit
 - One blower in operation
 - Vegetation in fair condition
 - One shut down during regeneration of glycol

- No storm events since last audit
 - Site dry, ditches dry; basins draining
- No odors
- Liquid loads tipped in Phase 7B

- Minimal litter on-site
- Windy day contributing to litter around active area
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty & gritty

- Scale camera in use; equipment operator; no spotter
 - Receiving approximately 1,500 tpd of MSW and liquids

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Random load inspection 11/14/14
- No rejected loads
- Residential drop-off open during audit
 - E-waste container present
 - Slow day; little activity during audit

Comments:

- Rain flap in Phase 7B repaired
 - Waste covered with soil
- Small Seeps on North and South slopes of Phase 7B have been repaired

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 November 14, 2014
 Auditor on site at: Open Close

TIME 12:10

WEATHER Overcast, brisks, possible snow

WIND 10-25
~~10-20~~ E W

TEMP Maximum 30 °F Minimum 15 °F B.P. 30.33

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

NO.	DESCRIPTION	Broken	Maintenance	NO.	DESCRIPTION	Broken	Maintenance
1							

A. Working Face Size and Location:

*Working face in the middle of Phase 7a
 Receiving MSW and liquid loads.
 Inter mediate cover on surrounding
 Phases has been backdragged*



Cover Material:

Soils & Foundry sand

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 type="checkbox"/>	#	3
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# Regas Only			
Shutdowns Since Last Audit:	# 11/2 1/2			
Flow to MMSD:	# 1,700		cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas plant operation has been consistent

D. Surface Water Management:

Storm Events Since Last # 0 Est. Volume

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

Minor flurries only since last audit. Ditches dry and Basins drying

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"/>	# 2

Comments:

Windy day, 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 & 8 Mile (near). Site roads dusty & brittle

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"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						11/14/17
Tonnage:						1,500 TPD

Comments:

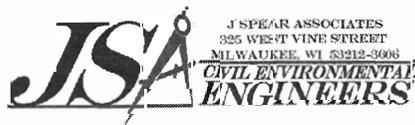
MSW & liquid tanks loads

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

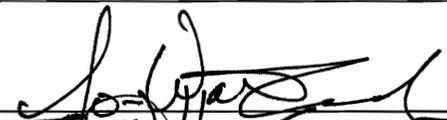
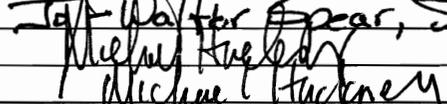
Use appears slow today



M. Other Comments:

* Rain flap in Phase 7B West repaired
and waste covered with soil

* Small seeps repaired about Phase 7B
Both on North & South slopes

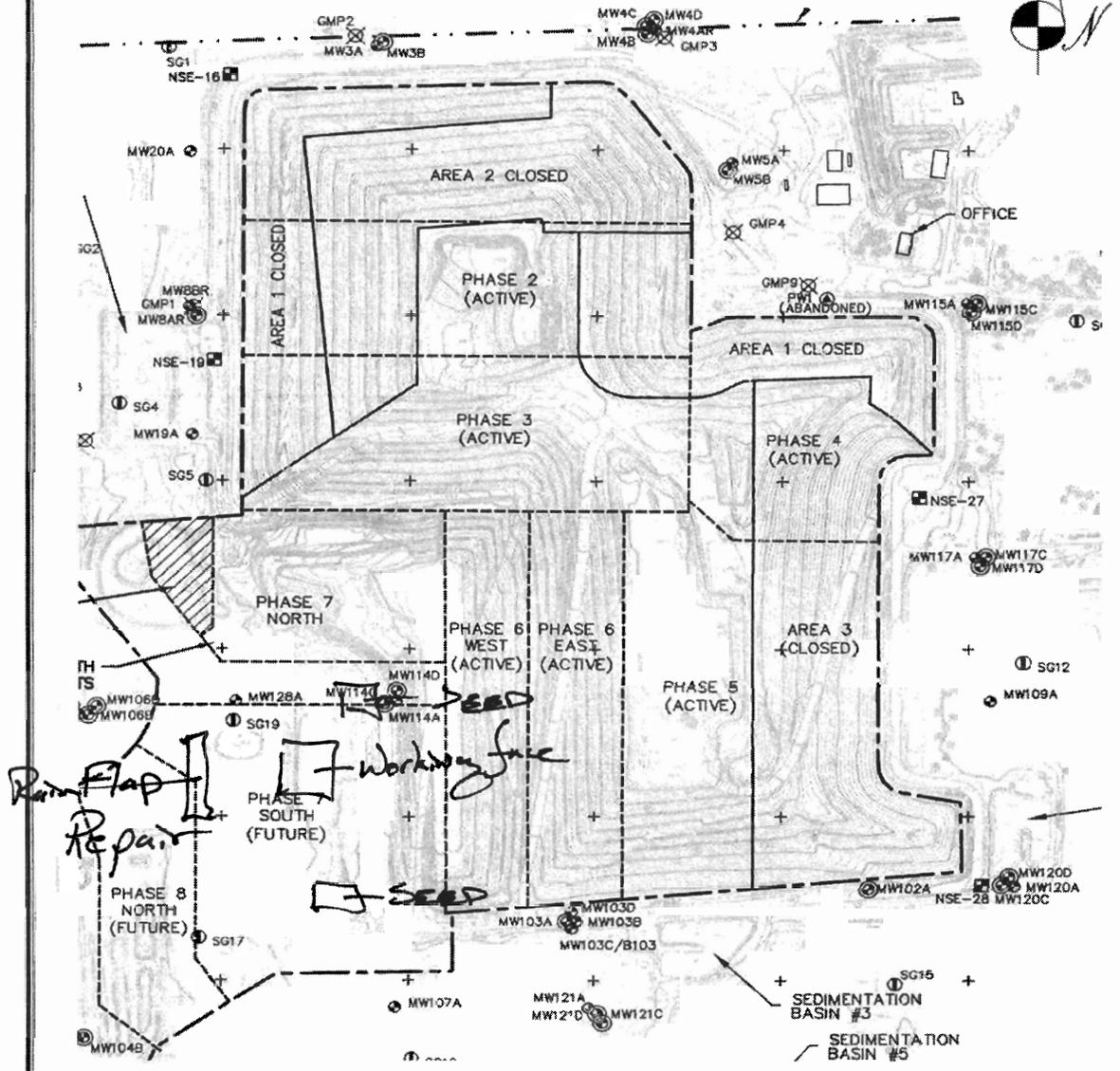
Auditor's Signature: 
Auditor's Printed Name: Jeff Walter Spear, Jr
Management Signature: 
Management Printed Name: Michael Hickey
Management Title: GM
JSA Principal Signature: _____

Date: 11/14/14
Date: 11/14/14
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 53212-3606
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Active area, Phase 7B



Working face viewed from the North



Active area



Phase 7B access ramp



Area of repaired rain flap, with intermediate cover placed after repair



Working face viewed from West



Active area viewed from the West