



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 12/19/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of November 9, 2015. The audit was performed at 12:30 PM on **November 11, 2015** by Jo Spear, Jr. in the presence of Brett Coogan, Operations Manager.

Landfill Operations Audit:

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

- Working face inside Southwest corner of Phase 7B
 - In area below slopes
- Some bio-soil loads going into Phase 3
- One compactor, two dozers and one excavator at work on site
- Poly fluff, sands and tarp provided for daily cover
 - Stockpiles on-hand for use
- All leachate discharging to MMSD; no recirculation
- Gas delivery controlled by MMSD
 - **No** gas flowing to MMSD this week
 - Flares and blowers in continuous use since last audit
 - Gas operations shut-down indefinitely by MMSD
- Two rain events since last audit; about 1.5"
 - Rain events predicted for rest of this week
 - Basins have freeboard
- Waste odor on site; clear off-site
 - Odors primarily from sludge loads tipped during audit
- Liquid loads are periodic
- Litter present on-site; clear off-site
 - Heavy litter caught on landfill side of perimeter fences
 - Fences performing litter catching function well
- One picker working to clean-up wind-driven litter
- US 45 and 8 Mile Road pavement clean
 - Litter from last week cleared

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,800 TPD
 - Mix of MSW, special wastes and C&D loads
 - Random load inspection 11/6/15
 - No rejected loads
- Residential drop-off open during audit
 - E-waste container present
 - Site clean
 - Boxes mostly empty

Comments:

- Slope coverage impacted by rain events
 - Repairs will done when weather cooperates, so safer for workmen

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, 2015
 Auditor on site at: Open Close

TIME 12:30

WEATHER Overcast, high winds, on/off rain

10-40
 WIND N S E W

TEMP Maximum 49 °F Minimum 36 °F B.P. 29.25

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>1</u>	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 inside of southwest corner
of Phase AB, off the slopes.
Some Bio Soil in Phase 3



Cover Material:

Poly fluff, sands, used tarps in use

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 checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#			
Blowers in Operation:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#			
Flare use since last audit			#	Continuous				
Shutdowns Since Last Audit:			#					
Flow to MMSD:			#	0	cfm			
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Gas delivery controlled by MMSD, choosing not to receive

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	~1.5"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain events expected the rest of this week. Basins have plenty of freeboard.

E. Odor Control:

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

Sludge tipping during audit, odors from that

F. Liquid Loads Received:

Periodical

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"/>	# 1

Comments:

Litter in perimeter fences, but still outside interior fences catching litter

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

US45 & 8 Mile Clean
Litter removed from last week.

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 checked="" type="checkbox"/>	#	3
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	11/6/2015			
Tonnage:	1,800 1,800 TPD			

Comments:

Msw, Special, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

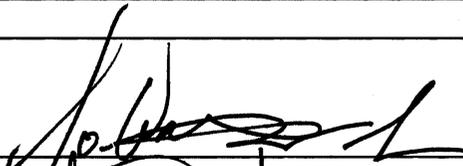
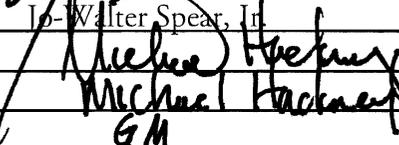
Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Site clean, boxes mostly empty

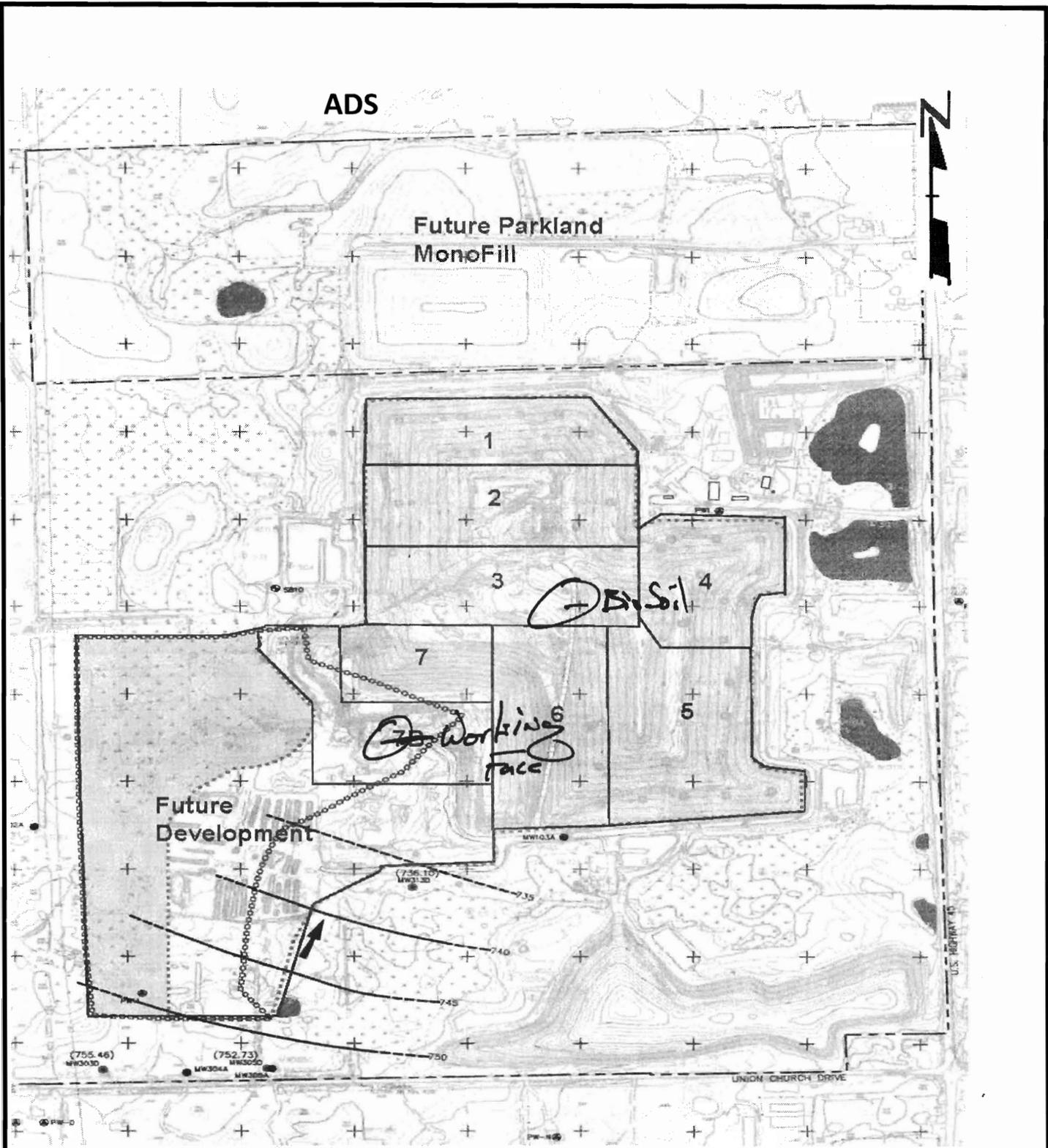
M. Other Comments:

* Slope coverage impacted by rain events will be addressed when safety is no longer a concern

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Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear, Jr.
Management Signature: 
Management Printed Name: Michael Hackney
Management Title: GM
JSA Principal Signature: _____

Date: _____
Date: 11/11/15
Date: _____



Advanced Disposal Services Emerald Park Landfill
 Landfill Audit Map
 City of Muskego
 Project No. 1020.10030



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

PROJECT NO. 1012.10030



Bio soil management in Phase 3



Working vace between truck tips.



Southeast corner of Active area, bright orange truck is a sludge delivery



Compactor working waste upward



Access to active area and working face, road in from the North



Mobile litter fences about Phase 7



Working face viewed through truck access, East edge of Phase