



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/24/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 15, 2016. The audit was performed at 10:30 AM on **May 20, 2016** 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:

- Sunny; spotty clouds
- Working face in Southwest corner of Phase 7
 - Receiving MSW and liquid loads
 - No other working faces
- Site soil excavation on-going to provide soil for intermediate & daily cover
- One compactor, one dozer, two excavators, one haul truck and one water truck in us
- C&D and site soils used for daily cover

- All leachate discharging to MMSD; no recirculation
- No gas flow to MMSD; gas plant still shut down
 - One flares and one blower in continuous operation
 - New valve permitting gas delivery has not been installed, yet

- No precipitation since last audit; about 1"
 - Basins still draining
 - Erosion repairs still in good condition
- Strong gas odor at active area
- Liquid loads periodic

- Minimal litter on-site; clear off-site
- Fences moved higher above active fill area
- Two pickers working
 - One picker manning Residential Drop-off
- US 45 and 8 Mile Road clean; site roads dusty

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 TPD of MSW, special wastes and C&D

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 3/20/16
- No rejected loads

- Residential drop-off site open
 - E-waste container present
 - Residents have been trying to dump on closed days

Comments:

- Residents attempting to use drop-off area are belligerent with landfill staff
 - Insisting on dumping during closed hours or on days when that area is closed

- Stone and sand deliveries to site occurring this week
 - Clay being back hauled to Mallard Ridge site for cell constructions

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

**ADS 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 May 20, 2016
 Auditor on site at: Open Close

TIME 10:50

WEATHER Sunny, minimal clouds

WIND 0-10
 N SE W

TEMP Maximum 71 °F Minimum 47 °F B.P. 30.22

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southwest corner of Phase 7
receiving MSW & liquid loads. No other
working faces. Site soils being excavated
for both intermediate & daily cover



Cover Material:

Site soils & CTD being used for cover

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"/>	#	1		
Blowers in Operation:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1		
Flare use since last audit			#	Cont.				
Shutdowns Since Last Audit:			#	1				
Flow to MMSD:			#	_____ cfm				
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Valve not yet installed for delivery

D. Surface Water Management:

Storm Events Since Last	#	6	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins draining site erosion repairs in good condition

E. Odor Control:

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

Strong gas odor at Active Area

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:
 1. Picker running Resi.-drop off

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 clean; site roads dusty

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:						3/20/16
Tonnage:	1,500 TAD					

Comments:
 MSW, specials, C&D...

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit	<input checked="" type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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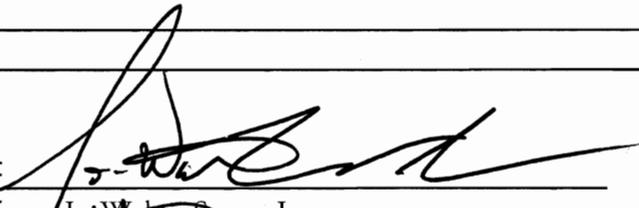
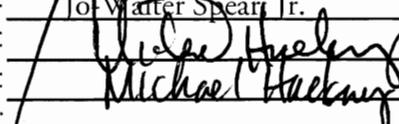
Residents have been trying to dump on closed days

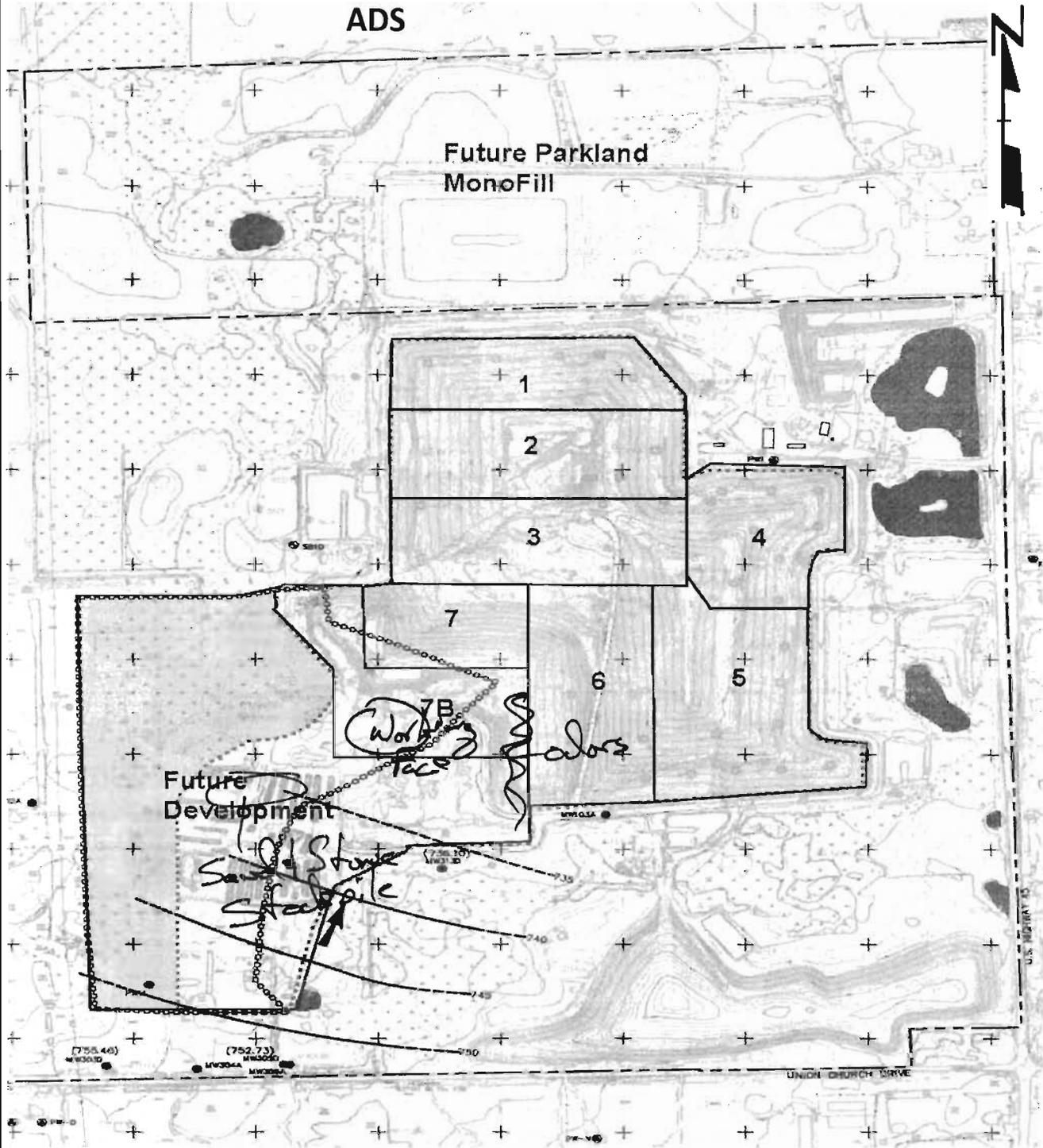
M. Other Comments:

* Residents of users bring concern with landfill staff insisting on tipping during closed hours or closed days

* Stone & Sand being delivered to site and clay being backhauled to Material Ridge for cell construction.

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Auditor's Signature:		Date:	5/20/16
Auditor's Printed Name:	Jot Water Spear Jr.	Date:	5/20/16
Management Signature:		Date:	5/20/16
Management Printed Name:	Michael Halkany	Date:	
Management Title:		Date:	
JSA Principal Signature:		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



Backdragged slope of the Southwest corner of Phase 6





Phases 3,4, & 5; top of phases



Basin #1 receiving runoff and pumping from temp. sed. basin.



Active area viewed from North



Site view from Phase 3 to the Southwest



Stone being delivered and stockpiled from Malard Ridge Landfill, for use in future construction



Southeast corner of Phase 7B, well will need to be raised



West slope of Phase 7, additional cover soils placed



West slope of Phase 7 on right, rilled area is above temp sed basin



View across South edge of Phase 7B