



Memorandum

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 8/29/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 24, 2016. The audit was performed at 2:52 PM on **July 19, 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 and dry weather with some clouds
- Working face along West slope of Phase 7
 - New access road still under construction
 - Establishing entrance ramp for future access to Phase 7B
 - Liquid loads going to pit on South edge of Phase 7
- Soils had been tipped in Phases 3 & 4 during week
 - Today's incoming soil loads set aside for cover
- One compactor & one bulldozer working on site
- Auto fluff, stockpiled foundry sands and today's soil loads will be used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flowing to MMSD
 - Gas plant delivering at rate of 1,650 cfm
 - One blower in operation; no flares in use
 - Shut downs for regeneration only
 - Regeneration also occurs to combat moisture issues and glycol

- No rain in last two weeks
 - Site dry
 - Possible rain later this week
- No odors
- Liquid loads periodic; tipped in Phase 7

- Some litter both on, and off-site
 - Minor litter showing in ditches and turn lane
- Two pickers working
- US 45 and 8 Mile Road clean, but excessively dry

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Some litter in ditches along US 45 and 8 Mile Road
- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 1,200 TPD
 - MSW, cover soils, Special wastes and C&D
 - Random load inspection 7/13/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present and emptied since last audit
 - Boxes mostly empty

Comments:

- Basin #2 still draining; this is unusually slow
 - Other basin well drained
- Access road to Phase 7 still under construction

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 July 19, 2016
 Auditor on site at: Open Close

TIME 2:52

WEATHER Some clouds, sunny, & dry
 TEMP Maximum 80 °F Minimum 67 °F

WIND 0-5
 N S E W

B.P. 30.25

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	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 along West slope of Phase 7
Lignites pit in South edge.
New access road still under
construction.

Previous soils tipping in Phase 3/4, but not
today



Cover Material:

Soils tipped today
Fluff & sandy sands stock piled

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"/>	#	
Flare use since last audit	#	NA		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	1650	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Shutdowns for regen only.
Regen also occurs for moisture issues & glycol

D. Surface Water Management:

Storm Events Since Last	# 0	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Dry conditions, possible rain events later in the week, etc

E. Odor Control:

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

No odors

F. Liquid Loads Received:

Percolate being tipped in Phase 7

G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 2

Comments:
 Minor litter in ditches & ditches of turn lane

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, with very dry. Very
 Minor litter in ditches

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:	7/13/16					
Tonnage:	1,200 TPD					

Comments:
 MSW, Coar Sol, Special, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes of site mostly clean

M. Other Comments:

* Basin #2 Slow to drain Other basins well drained

* Access road to Phase 2 still under construction.

Auditor's Signature:

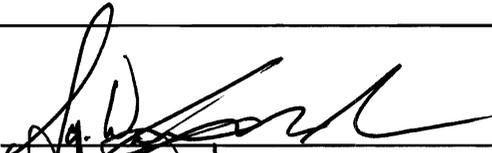
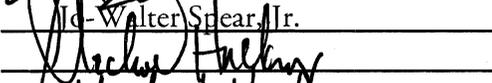
Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

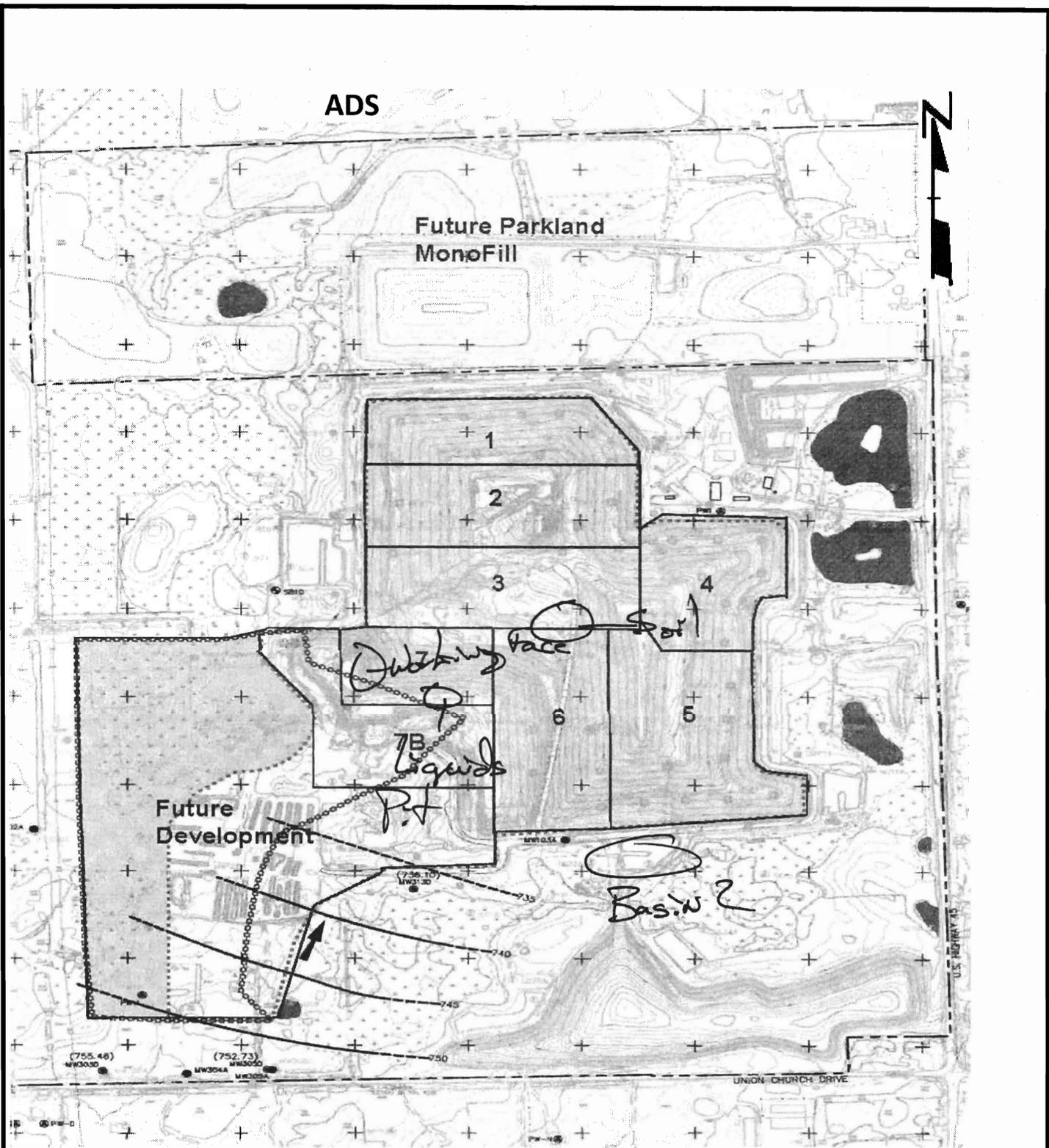
JSA Principal Signature:


Walter Spear, Jr.

Michael Hackney
GM

Date: 7/12/16

Date: 7/19/16

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



Working face in Southwestern most corner of Phase 7





Working face viewed from the Northeast



Eastern portion of the Active Area



Active area viewed from the North



Working face, tipping and compaction occurring