



Memorandum

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 7/27/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 12, 2016. The audit was performed at 1:56 PM on **June 15, 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:

- Weather clear and sunny with high clouds
- Working face on West edge of Phase 7
 - This working face receiving all incoming waste today
- All unvegetated slopes have been regraded and dressed
- Soil treatment piles have been reshaped and graded
- One compactor, one bulldozer, one excavator and one hail truck working on site
- Site soils excavated from Phase 8 area providing daily cover

- All leachate discharging to MMSD; no recirculation
- MMSD limiting gas flow
 - Approximately 800 cfm of gas flowing to MMSD
 - One flare and one blower in use during audit
 - Flare use has been continuous

- One storm event since last audit; less than 1"
 - Rained last night
 - No new erosion
 - Basins still drying
- Odor on-site in area of well being raised
- No odor off-site
- Liquid loads periodic

- Site litter-free; Minimal litter off-site
- One picker at work
- Conditions good; minimal mess
- US 45 and 8 Mile Road clean; site roads dusty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 1,800 TPD
 - MSW, sands, special wastes and C&D
 - No rejected loads
- Residential drop-off site
 - E-waste container present
 - Many people trespassing on landfill
 - Attempting to use Residential Drop-Off when closed

Comments:

- Contractor's workers raising new gas extraction wells in active area
 - This work allows access to space around wells for filling
- Construction of scale is on-going

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 June 15, 2016
 Auditor on site at: Open Close

TIME 1:56

WEATHER Clear, Sunny, Hi: Clouds

WIND 0-10
 N E W

TEMP Maximum 85 °F Minimum 64 °F B.P. 29.76

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face on West edge of Parcel
receiving all waste. All unvegetated
slopes have been dressed and regraded
Soil treatment piles reshaped as well



Cover Material:

Site soils excavated from Phase 2

B. Leachate Management:

Discharge to MMSD	<input type="checkbox"/>	Recirculation	<input checked="" 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"/>	#	2		
Flare use since last audit	#	20						
Shutdowns Since Last Audit:	#	—						
Flow to MMSD:	#	200		cfm				
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

MMSD controlling flow volume

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	4"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain event last night wetted site.
No new erosion, basins still drying

E. Odor Control:

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

Odor about well being raised

F. Liquid Loads Received:

Periodic

G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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"/>	# 1

Comments:

Minimal litter, good conditions

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 clear. 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 type="checkbox"/>	NO <input type="checkbox"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	<i>1,800 TPD</i>			

Comments:

MSW, Sand, Special, as well as C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

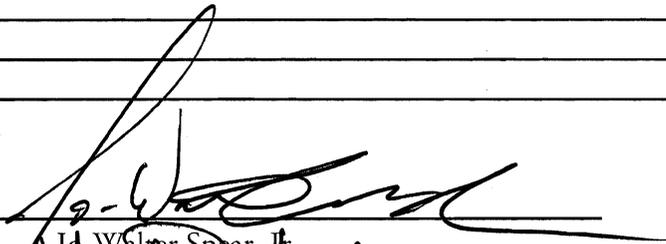
Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Many people trespassing on landfill attempting to use residential drop off when closed

M. Other Comments:

- * Contractor raising gas extraction wells in Active area to allow filling around the wells
- * Scale construction ongoing

Auditor's Signature:

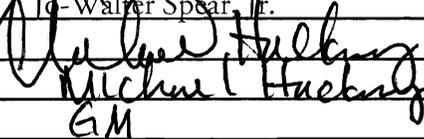


Date: 6/15/16

Auditor's Printed Name:

J. Walter Spear, Jr.

Management Signature:



Date: 6/15/16

Management Printed Name:

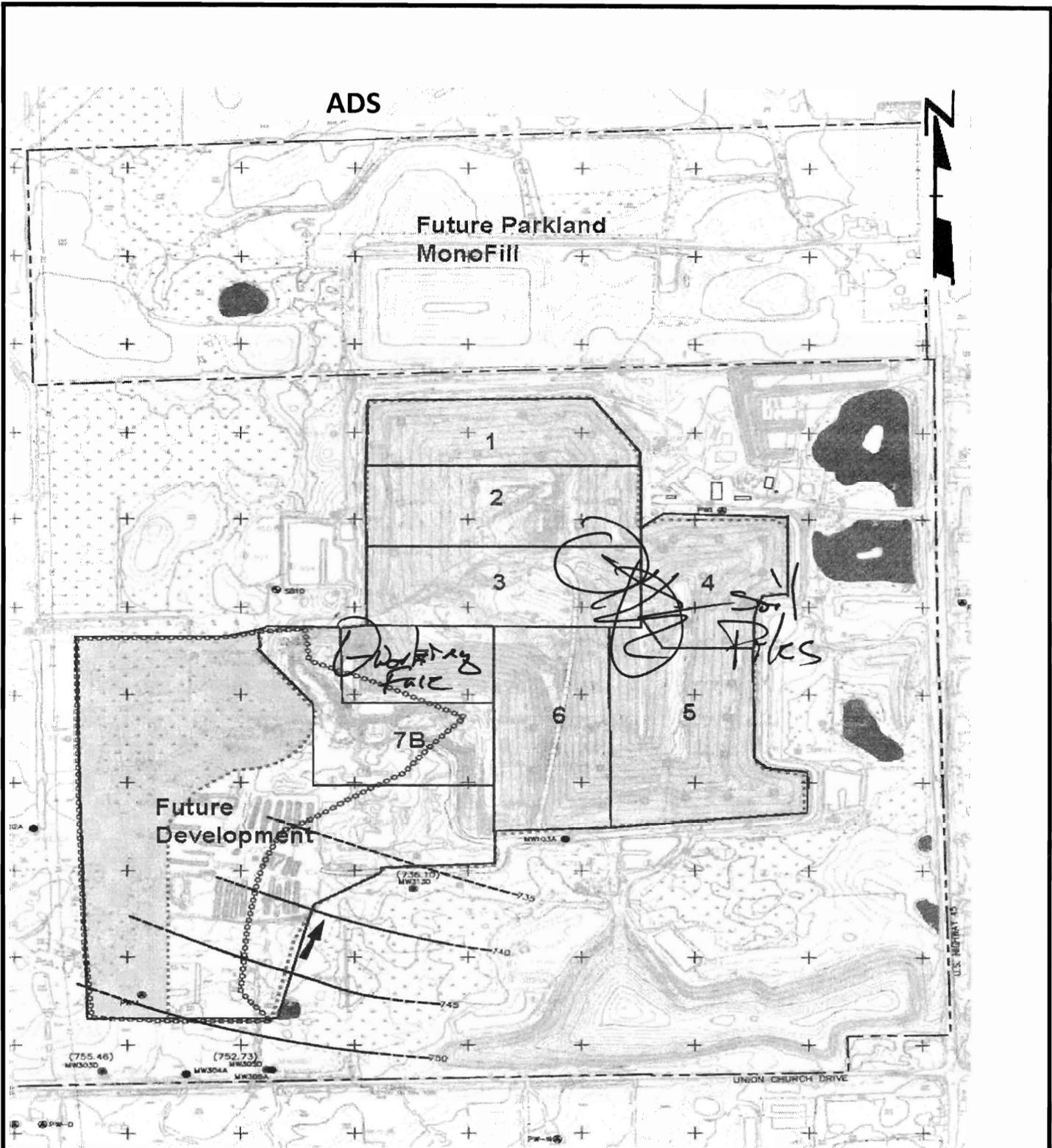
Michael Huebner

Management Title:

GM

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



Phase 3/4/5 viewed from the East, stockpiled bio soils





Phases 1 thru 4 viewed from the East



Working face across active area to West



Trucks tipping in working face



Fluff material for cover



Raised well wrapped in waste, awaiting cover



Raised well wrapped in waste, awaiting cover



Contractor raising cason well



South slope of Phase 7