



Memorandum

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 10/07/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 22, 2014. The audit was performed at 12:00 PM on **September 23, 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 for MSW in Phase 7B along Phase 6 East slope.
 - Establishing entrance ramp for future access to Phase 7B
- Soil loads going to Phase 5
- Liquid loads to Phase 6
- One compactor & two dozers working on site
 - One D6 and one D8 in for repair
- Auto fluff, poly shred and soils n use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - vegetation in fair condition
 - cooler temperatures have improved gas delivery

- One storm event since last audit; about 1"
 - Site dry, but basins still draining
 - Basin 3 received the most runoff and is the fullest
- No odors
- Liquid loads tipped in Phases 6 pit

- Minimal litter on-site
- Fences moved higher above active fill area
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty

- Scale camera in use; equipment operators; no spotter

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Receiving approximately 2,00 tpd of MSW and contaminated soils
- Random load inspection 9/17/14
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - half of boxes full

- Repairs underway on South slope of Phase 5
 - Repairing soil erosion
 - Expected to seed this fall

- Seeding completed over gas improvements
 - sprouting grasses visible

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
<u>1</u>	Compactor						
<u>1</u>	Dozer						
<u>1</u>	Excavator						
<u>1</u>	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 Recirculation

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"
-------------------------	---	---	-------------	----

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 Offsite

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 TONS</i>			

Comments:

MSW, Sand, Special, as well as CFD

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"/>
-----------------------	--	---

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 getting around the wells
- * Scale construction ongoing

Auditor's Signature: _____

Date: 6/15/16

Auditor's Printed Name: _____

Id. Walter Spear, Jr.

Management Signature: _____

Date: 6/15/16

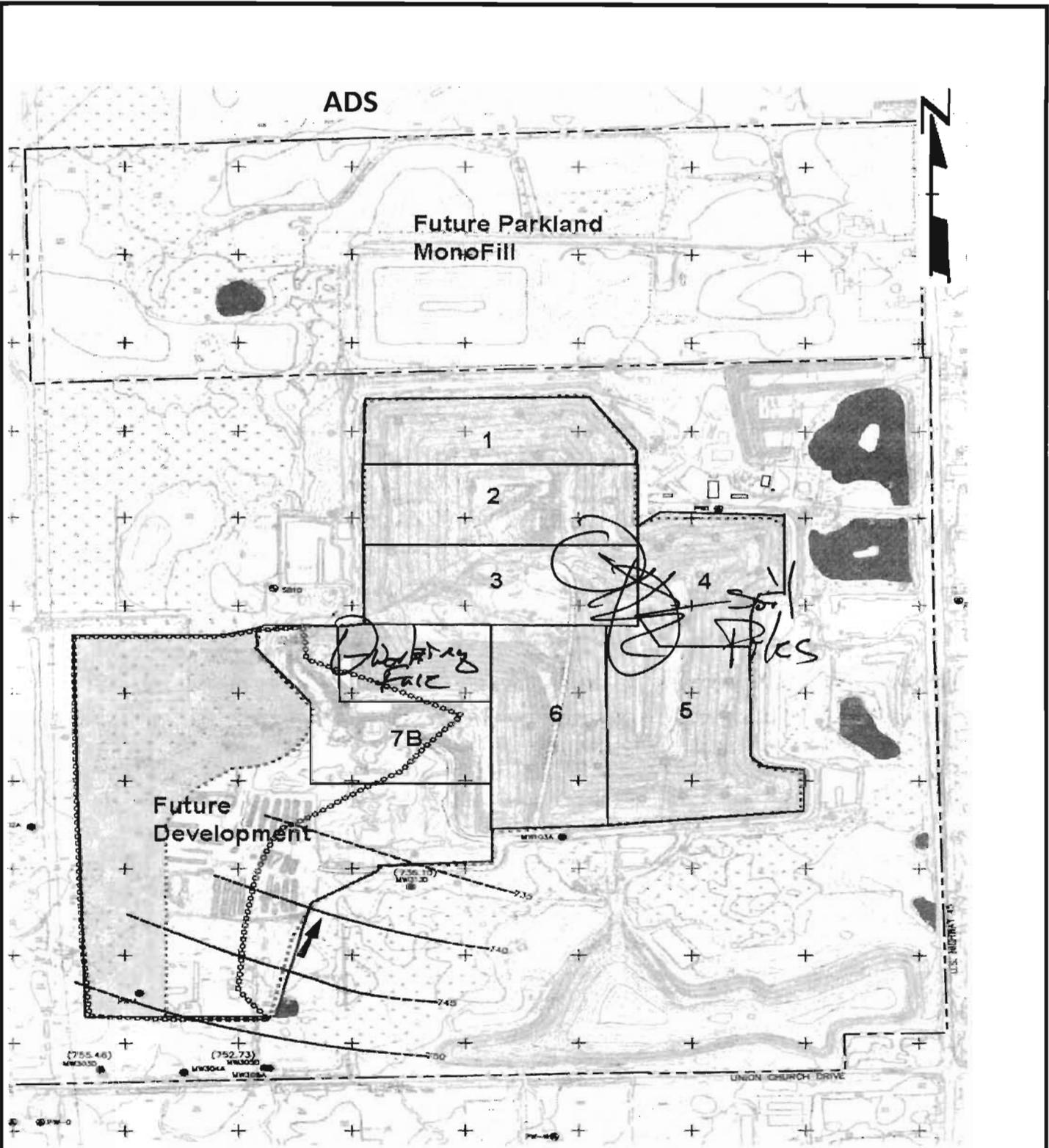
Management Printed Name: _____

Michael Huebner
GM

Management Title: _____

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