



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 08/17/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 13, 2015. The audit was performed at 3:55 PM on **July 16, 2015** 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 currently in junction of Phases 6 & 7
 - At toe of slope below access road to Phase
- Equipment in use to apply daily cover to working face and liquids trench
- One compactor & two dozer working on site
- Soils, polyfluff and sand used for daily cover
 - Large stockpile of cover materials recovered from previous use
- All leachate discharging to MMSD; no recirculation
- Gas delivery shut down
 - One flare and one blower in operation
 - Replacing filter media
 - Expect to resume gas delivery on Monday
 - Vegetation in fair condition
- Two storms since last audit; nearly 1.5"
 - Rain events minor; drizzle during audit
 - Site has good vegetative cover
- Erosion on South sloe of Phase 3 at seam with cap
- No odors
- Periodic liquid loads
- Minimal litter on-site; clear off-site
 - Two pickers at work
 - Litter well controlled
- Two pickers working
- US 45 and Union Church Roads clean
- Site roads dusty; unpaved sections rough

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 1,800 TPD of MSW, liquids and special wastes
 - Random load inspection information not available
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Boxes empty

Comments:

- David Grier no longer an employee of Advanced Disposal
 - Michael Hackney is temporary replacement for position
- Extra soils loads have slowed and will end very soon
 - No back haul activity this week

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 July 16, 2015

TIME 3:55

Auditor on site at: Open Close

WEATHER Overcast, some spitting rain, some sun

WIND 5-15
 N S W

TEMP Maximum 71 °F Minimum 65 °F

B.P. 30.02

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	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 is junction of Phase 6 & 7
top of slope below access road to
Phase 3.

Working face included liquids trench and
was being covered during audit.



Cover Material:

Soils, polyfluff, and sand.

Large stockpile of cover materials, recovered from previous use

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"/>	#	1
Flare use since last audit	#		7/16/15	
Shutdowns Since Last Audit:	#			
Flow to MMSD:	#		_____ cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Delivery shut down for replacement of filter media. Start up Delivery to begin again Monday

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	2,5*
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain events minor, site has good vegetative cover with erosion on the South Slope
Phase 5 at seam with cap

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors on or about site.

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:

Litter well controlled.

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 & Union church clean. Site roads clean, some roughness where up paved

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Equipment Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	0
Random Load Inspection Dates:	NA			
Tonnage:	1,800 TPD			

Comments:

MSW, Special Wastes, and liquids

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Site clean, boxes empty

M. Other Comments:

* David Grier no longer an employee of
Advanced.

Position temporarily filled by Michael Hocking

* Soil receipt nearly ended,
No Backhaul activities.

Auditor's Signature:

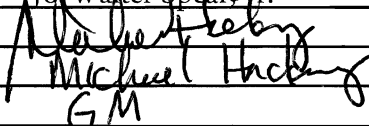


Date: 7/16/15

Auditor's Printed Name:

Joe Walter Spear, Jr.

Management Signature:



Date: 7/16/15

Management Printed Name:

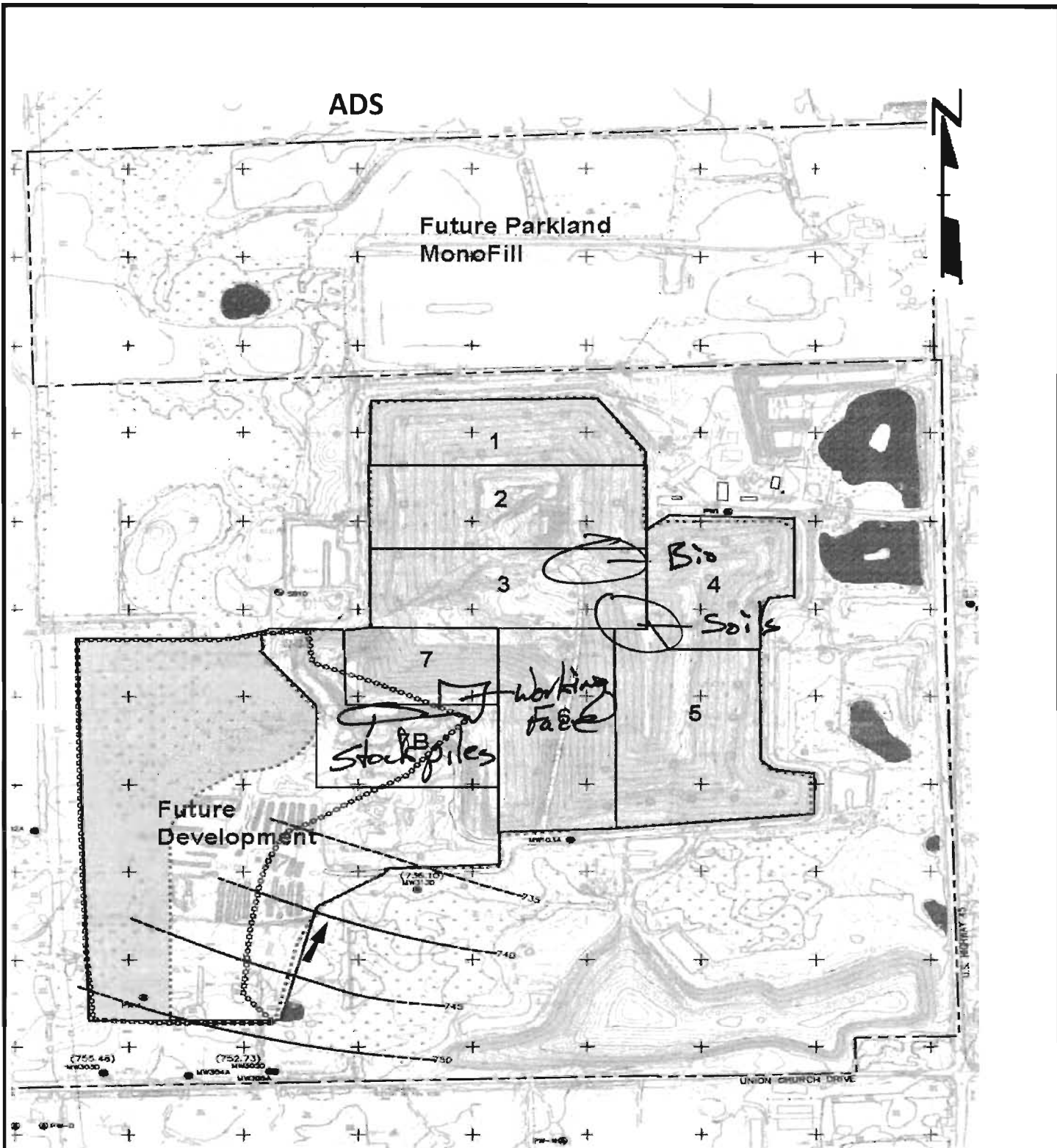
Michael Hocking

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



Cover soil was high volume at start of month. Volume reduced to an occasional truck.



Bio soils, very little change over the last month



Active area viewed from North. Cover of waste active below.



Access and approach to access area



Overview of Active area, trucks in cleanout area in Southwest corner of Phase



Working face and cover activities



Compactor working in waste at top of slope



Surface of active area, trucks cleaning out in the far distance of photo



Excavation area for future Phase 8, no back haul or excavation this week