



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 04/15/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of March 30, 2015. The audit was performed at 11:45 AM on **April 1, 2015** by Jo Spear, Jr. in the presence of David Greier, Operations Manager.

Landfill Operations Audit:

The following conditions were noted during this Audit of the VEPL Facility:

- Working face in Phase 7 along Phase 6W Western edge
 - Small compactors tipping at base of working face
 - Larger semis tipping at top of working face
- One compactor & two dozers in use on site
 - One D8 dozer in for repair
- Using poly-fluff and soils for daily cover

- All leachate discharging to MMSD; no recirculation
- Broken valve preventing use of gas building;
 - Repair expected this week
 - One flare in operation during audit
 - One blower in operation
 - No gas flow to MMSD; shut down since valve broke
 - vegetation in poor condition

- One small storm event since last audit; less than 1"
 - No impact on site conditions
- No odors
- Liquid loads periodic

- Litter on-site
- No litter off-site
- Four pickers working
 - Effectively controlling litter on US 45 and on-site
- US 45 and 8 Mile Road clean

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
- Receiving approximately 2,300 tpd of MSW and contaminated soils
- Random load inspection 3/27/15
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Area cleaned with street sweeper and hand pickers

Comments:

- Compost on Phase 6 West slope has been spread
 - Slope ready for seeding next week
- Erosion repairs on-going in multiple areas of site
- Site slopes have been back-dragged to remove flagging material
- Cleaning complete in Basin #1
 - Removed material drying on slope above temporary sediment basin

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 April, 2015
 Auditor on site at: Open Close

TIME 11:45

WEATHER Clear, Sunny, Spring

WIND 10-20
 N E W

TEMP Maximum 58 °F Minimum 54 °F

B.P. 30.07

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
<u>1</u>	<u>D8 Dozer</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in Phase 7 along Phase 6W
Western edge. Small compactors tipping
at base of working face, Semi's
tipping at top.



Cover Material:

Soils & polyfluff

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	# consistent			
Shutdowns Since Last Audit:	# consistent			
Flow to MMSD:	# 0 cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Broken valve preventing gas building use expected repair this week.

D. Surface Water Management:

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

Small event, no impacts on conditions

E. Odor Control:

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

No odors

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"/>	# 4

Comments:
 Pickers actively controlling litter on US/S and side

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/S = 8 mile road clean

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:	3/27/15			
Tonnage:	2,800 TPD			

Comments:
 MSW, C-Soils being received

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

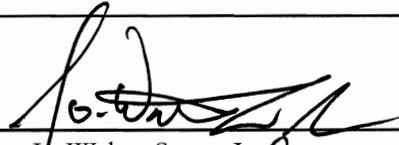
L. Residential Drop Off: Open During Audit E-Waste Container Present

Drop off cleaned by street sweepers and pickers

M. Other Comments:

- * Compost on Phase 6, west slope spread will be seeded next week
- * Erosion repairs going on about site
- * Site slopes back dragged end recovered to remove floating material
- * Basin #1 cleaning complete. Removed material drying on slope above Temp sed Basin

Auditor's Signature:

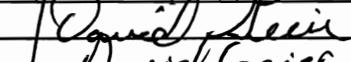


Date: 4/1/15

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 4-1-15

Management Printed Name:

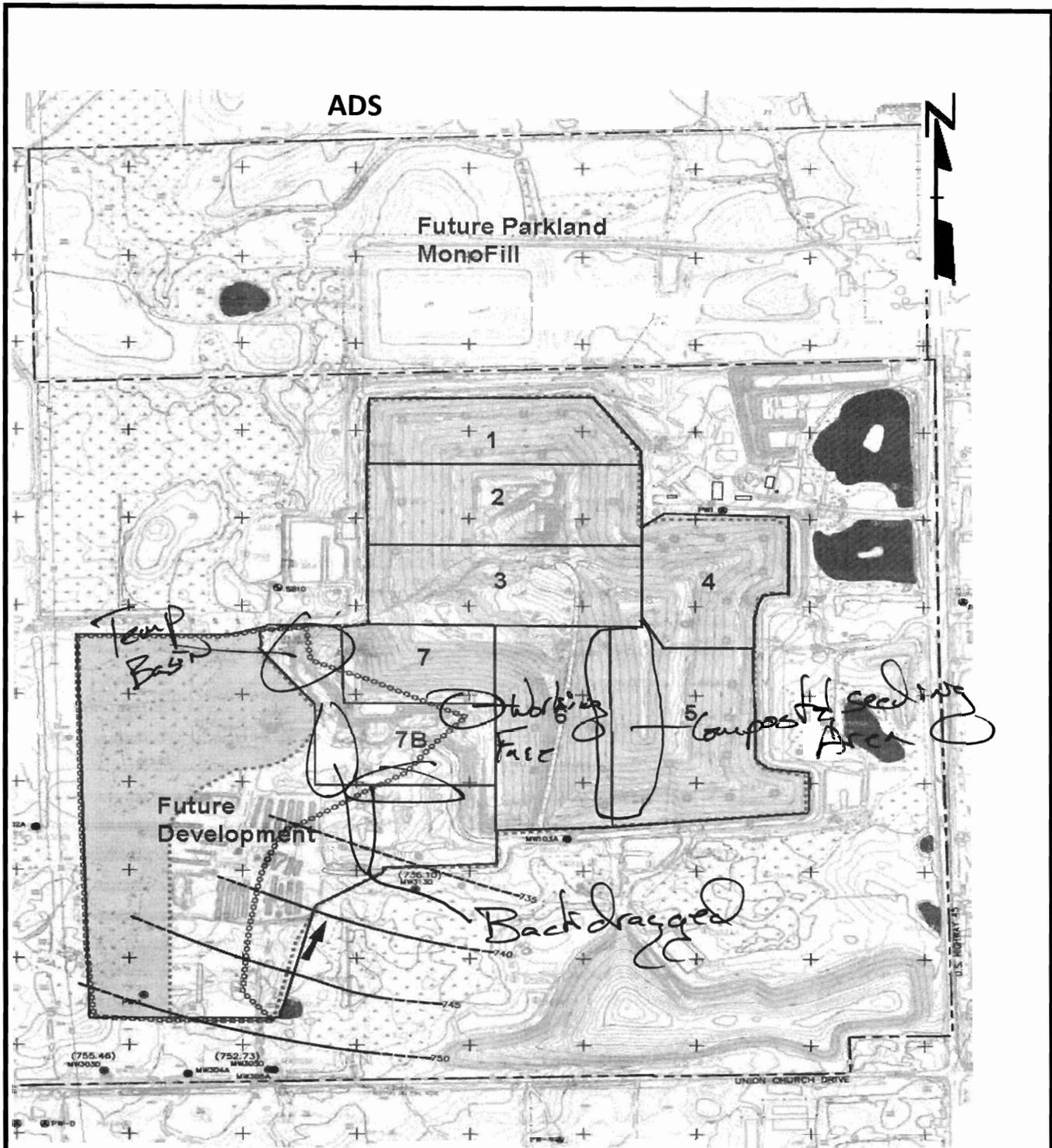
David Geier

Management Title:

Operations Manager

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



Temp sed basin



Silt from Base #1 drying on slope, C-soils stockpiled for cover at top of slope



Working face receiving waste



Site viewed from the far West



Poly fluff and soil stockpiles for cover



Working face and active area viewed from the East



Tipping and active area viewed from the East



Active area with good cover and travel area



Tipping in working face



Working face and active area viewed from the North



Compost spread prior to seeding on West slope of Phase 6