



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 11/27/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 5, 2014. The audit was performed at 3:10 PM on **October 5, 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 in Southeast corner of Phase 7 where it meets Southwest corner of Phase 6
- Soil loads are being tipped around the working face for convenient cover use
- One compactor, one dozer, one excavator and one haul truck active on site
- Soil loads stockpiled near working face used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
- Plant operating smoothly; shut-downs only for regeneration
 - No flares in operation during audit
 - Flare used only during regeneration
 - One blower in operation
 - Vegetation in fair condition

- Two storm events since last audit; about 1"
- Ditches cleared
- Erosion on slopes undergoing repair
- Minor odors around active area; no odor off-site
- Liquid loads periodic
- Minimal litter on-site; clear off-site
- Two pickers working
- US 45 and 8 Mile Road clean; site roads in fair shape

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,900 TPD
 - Cover soils, MSW and special wastes
 - Random load inspection 10/3/15
 - No rejected loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Residential drop-off site clean
 - E-waste container present
 - Boxes emptied since last audit

Comments:

- Site erosion repairs begun on capped slopes
- Perimeter ditch cleaning will be done after erosion repairs are completed

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 <small>month/date/year</small>	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 October 14, 2015
 Auditor on site at: Open Close

TIME 10:00

WEATHER Clear, Sunny

WIND N 10 @ W

TEMP Maximum 63 °F Minimum 50 °F B.P. 29.92

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

*Working face in middle of Phase 7B
 reviewing MSW, Special, and C&D
 Bio Soil in Phase 3, very small loads
 More expected this week.*



Cover Material:

Stack piled soils & Papermill waste

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: Surface application in Phase 7.

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	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#	1,000	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD requested reduced flow.

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	214
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Barrs have plenty of freeboard. Remaining erosion pits repaired. Seeding to begin next week.

E. Odor Control:

Odors Present: Onsite Offsite

Comments: Odor South of Active area

F. Liquid Loads Received:

Periodic to trench in Phase 7

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"/>	# 1

Comments:

Fences well placed for expected waste

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
Water truck active on site roads during audit

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:						NA
Tonnage:	1,600 TPD					

Comments:

of MSW, Special C&D, and small volume of Bio & LID soils

J. Rejected Loads:

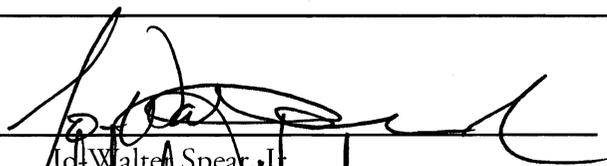
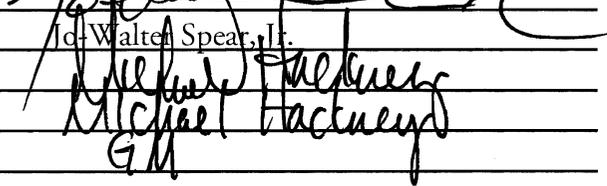
	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit	<input type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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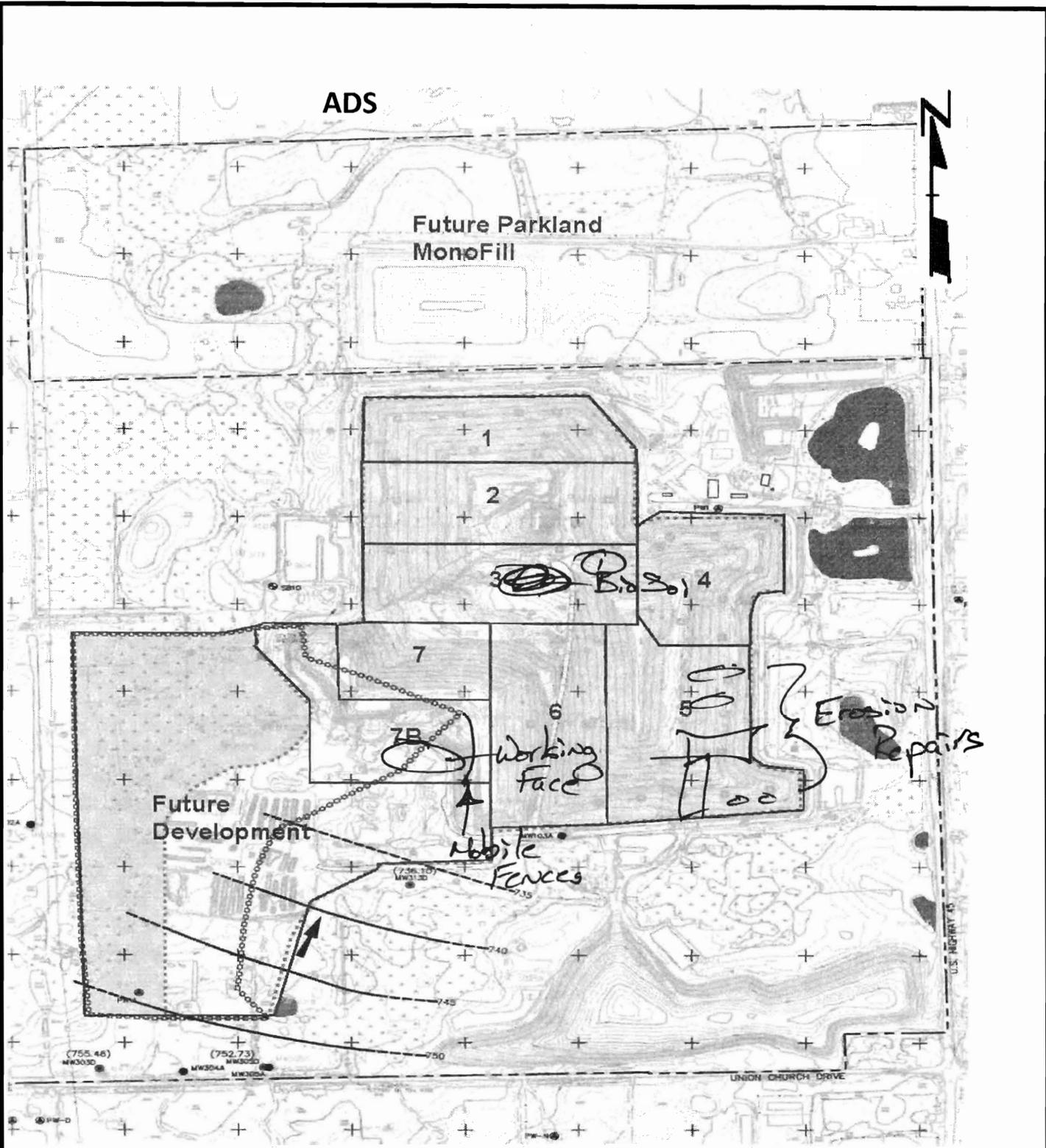
Boxes empty and site very clean

M. Other Comments:

- * Erosion repairs awaiting seeding
- * Site preparing for winter conditions
- * Residential drop off site very clean
all boxes empty and e-waste box
closed.

Auditor's Signature: 
Auditor's Printed Name: Joe Walter Spear, Jr.
Management Signature: 
Management Printed Name: Michael Mackney
Management Title: GM
JSA Principal Signature: _____

Date: 10/14/15
Date: 10/14/15
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**

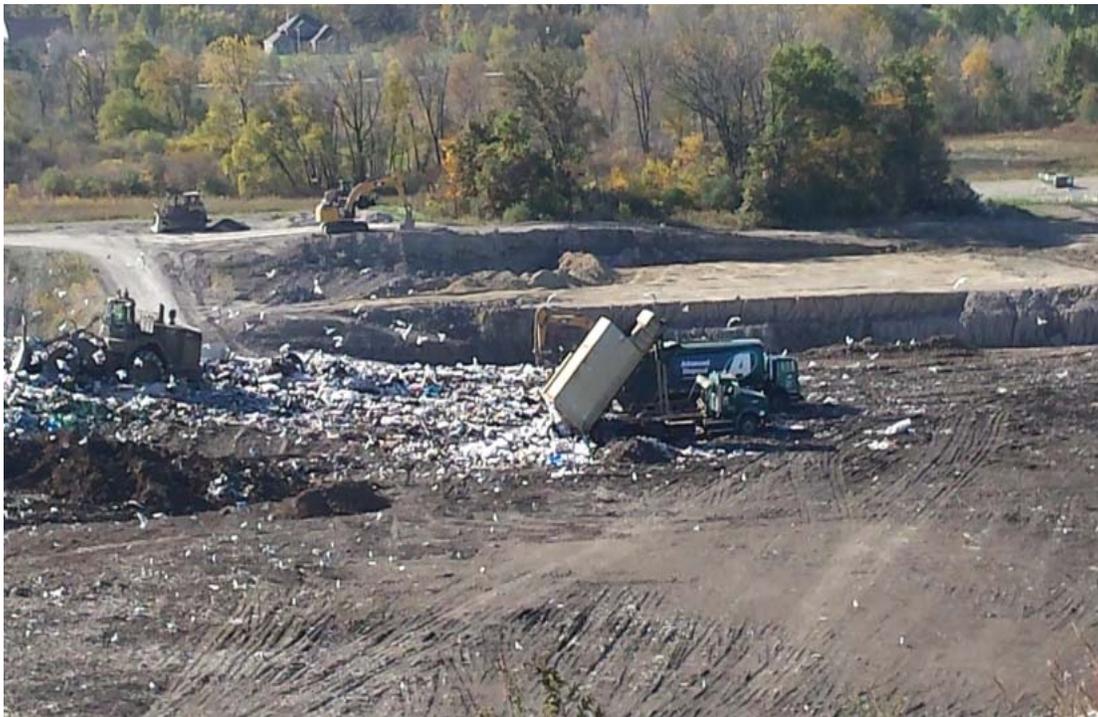
PROJECT NO. 1012.10030



Bio soil stockpile



Overview of Active area from North



Working face viewed from North



Working face viewed from the North



Working face small in size, bringing lift to next grade



Working face, against access road



Mobile litter fence, placed downwind



Excavation of future Phase 8 for clay backhaul.



Active area viewed from South