



## 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

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Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 12, 2015. The audit was performed at 10:00 AM on **October 14, 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 middle of Phase 7B .
  - Receiving MSW, special; wastes and C&D
- Bio-soil loads tipping in Phase 3
  - Very small loads to date, but more expected later this week
- One compactor, one dozer, one excavator and one water truck in use
- Stockpiled soils and paper mill wastes serving as daily cover
  
- Leachate discharging to MMSD; no recirculation
  - Some surface application in Phase 7
- Gas flow to MMSD about 1,000 cfm
  - Reduced flow requested by MMSD
  - One flare in operation during audit
  - One blower in operation
  - One shutdown with need for flare since last audit
  
- One storm event since last audit; less than 1"
  - Basins have plenty of free board
- Remaining erosion rills have been repaired
  - Seeding will begin next week
  - Odors to South side of active area
- Periodic liquid loads tipped in trench in Phase 7
  
- Litter on-site; clear off-site
- New fencing well placed for anticipated winds
- One picker working
- US 45 and 8 Mile Road clean
  - Water truck in use to control dust on site roads during audit

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,600 TPD
    - MSW, special wastes, C&D and small volume of bio-soils
  - No rejected loads
- Residential drop-off site clean; open during audit
  - E-waste container present
  - Boxes empty; site clean and well-organized

Comments:

- Erosion repairs complete & ready for seeding
- Staff preparing site for winter conditions
- Residential Drop Off site especially clean and prepared for residents' use
  - Boxes all empty
  - E-waste box emptied and neatly closed

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 October 14, 2015  
 Auditor on site at:  Open  Close

TIME 10:00

WEATHER Clear, Sunny

WIND N 10 E 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:

Stock 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:

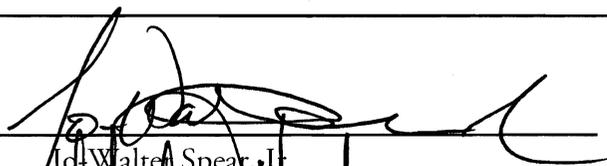
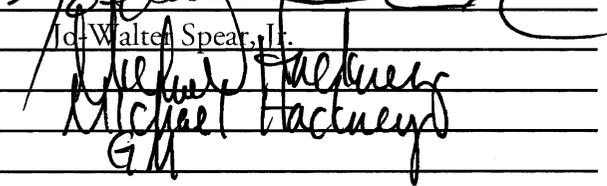
	Date/Time	Reason for Rejection
1.		None
2.		

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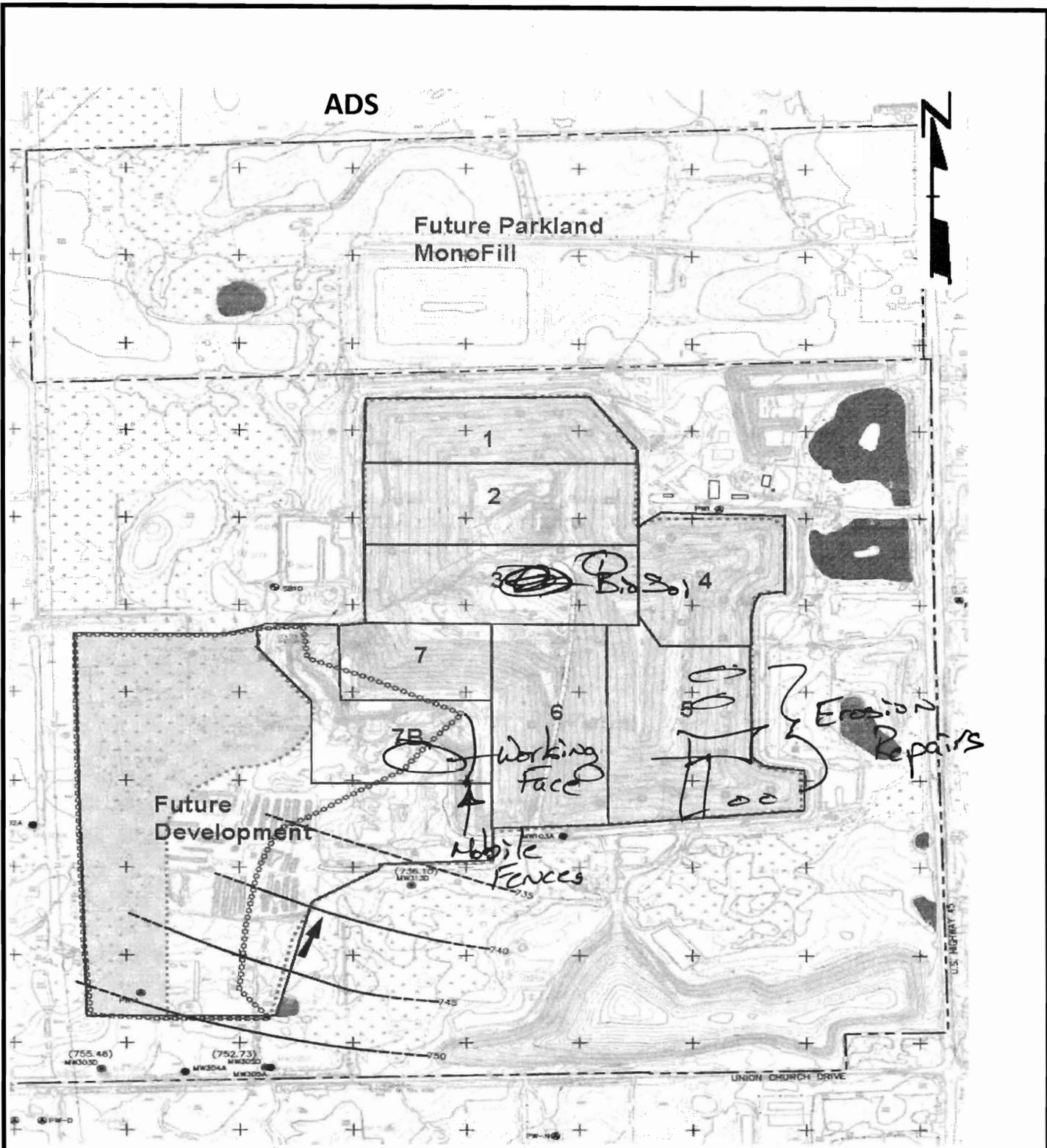
Boxes empty and site very clean

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**

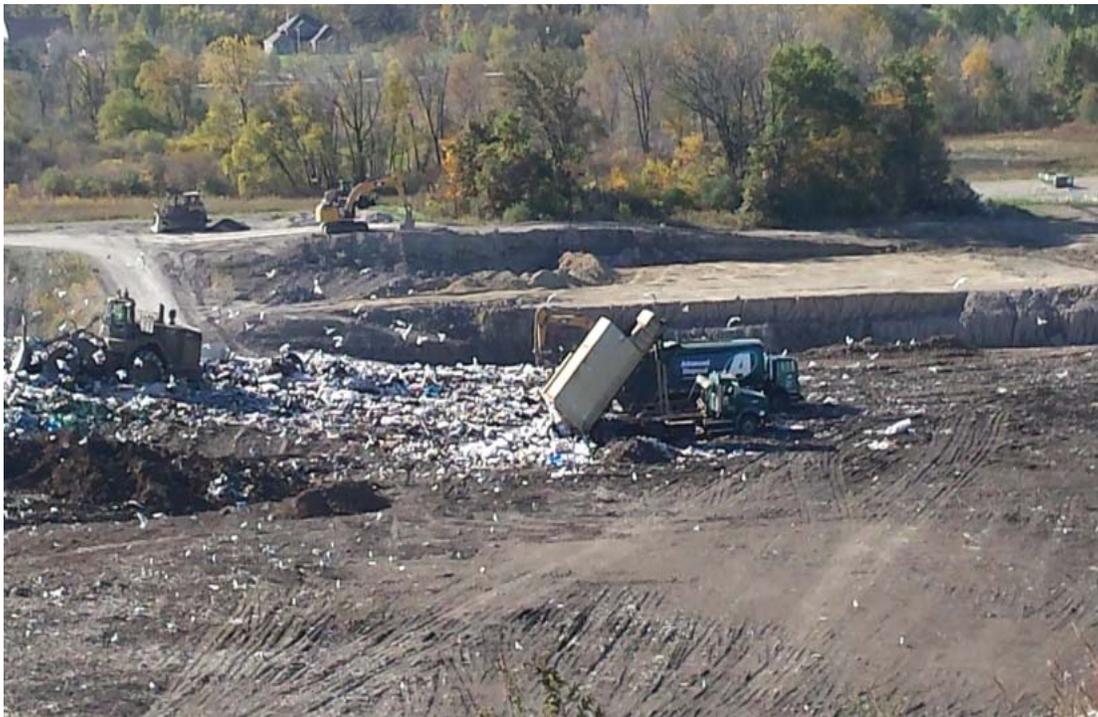
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Bio soil stockpile



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