



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 12/09/15  
**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 26, 2015. The audit was performed at 2:18 PM on **October 27, 2015** by Jo Spear, Jr. in the presence of Brett Coogan, Operations Manager.

#### Landfill Operations Audit:

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

- Weather overcast; rain pending
- Working face in Eastern edge of Phase 7B
  - Backing up to access road
- Soil loads and MSW tipping in Phase 7
- Bio-soils, in low volume, tipping in Phase 3
- One compactor, two dozer working and one water truck in use
  - Haul truck broken down
- Soils, sand and poly fluff used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- No gas delivery to MMSD
  - Gas plant still shut down
  - Flare and blower in continuous operation
  - Waiting for request to resume delivery from MMSD
  - Vegetation in fair condition
  
- No precipitation since last audit; possibility of rain today
  - Site in good shape
  - Basins clear with plenty of freeboard
- Odors confined to on-site about active area
- Liquid loads periodic
  
- Litter on site; mostly on West slope; clear off-site
- One picker working
- US 45 and 8 Mile Road clean

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 1,800 TPD
  - Incoming loads of landfill direct soil, bio-soils, MSW, Special and C&D
  - No rejected loads
- Residential drop-off site clean
  - E-waste container present

Comments:

- Ditches have been cleaned since last audit
- Repaired erosion areas are beginning to show some greening
- Pump replacement and repairs in gas and leachate systems taking place during audit

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 27, 2015

TIME 2:18 PM

Auditor on site at:  Open  Close

WEATHER High clouds, overcast, possible rain WIND S-20  
 N S  W

TEMP Maximum 58 °F Minimum 49 °F B.P. 30.26

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						
<u>1</u>	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>Haul Truck</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in Eastern edge of phase 3, near by against Access road. Soils and MSW being tipped in phase 7 Bio Soil, low volume being tipped in phase 3.



Cover Material:

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

Comments:

Still no request for delivery to MMSD

D. Surface Water Management:

Storm Events Since Last	# 0	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Possible event today, site system in good shape. Basins have plenty of freeboard

E. Odor Control:

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

Minor waste odor about active area

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"/>	# 1

Comments:  
 Minor litter about site, mostly on West slope

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

roads & 3 Mile road clear.

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"/>	#
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:			
Tonnage:	4,200 TPD		

Comments:  
 LD & Bio Soils in addition to MSW, Special, and C&D loads. Bio Soil tipped in Truck 3

J. Rejected Loads:

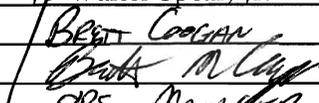
	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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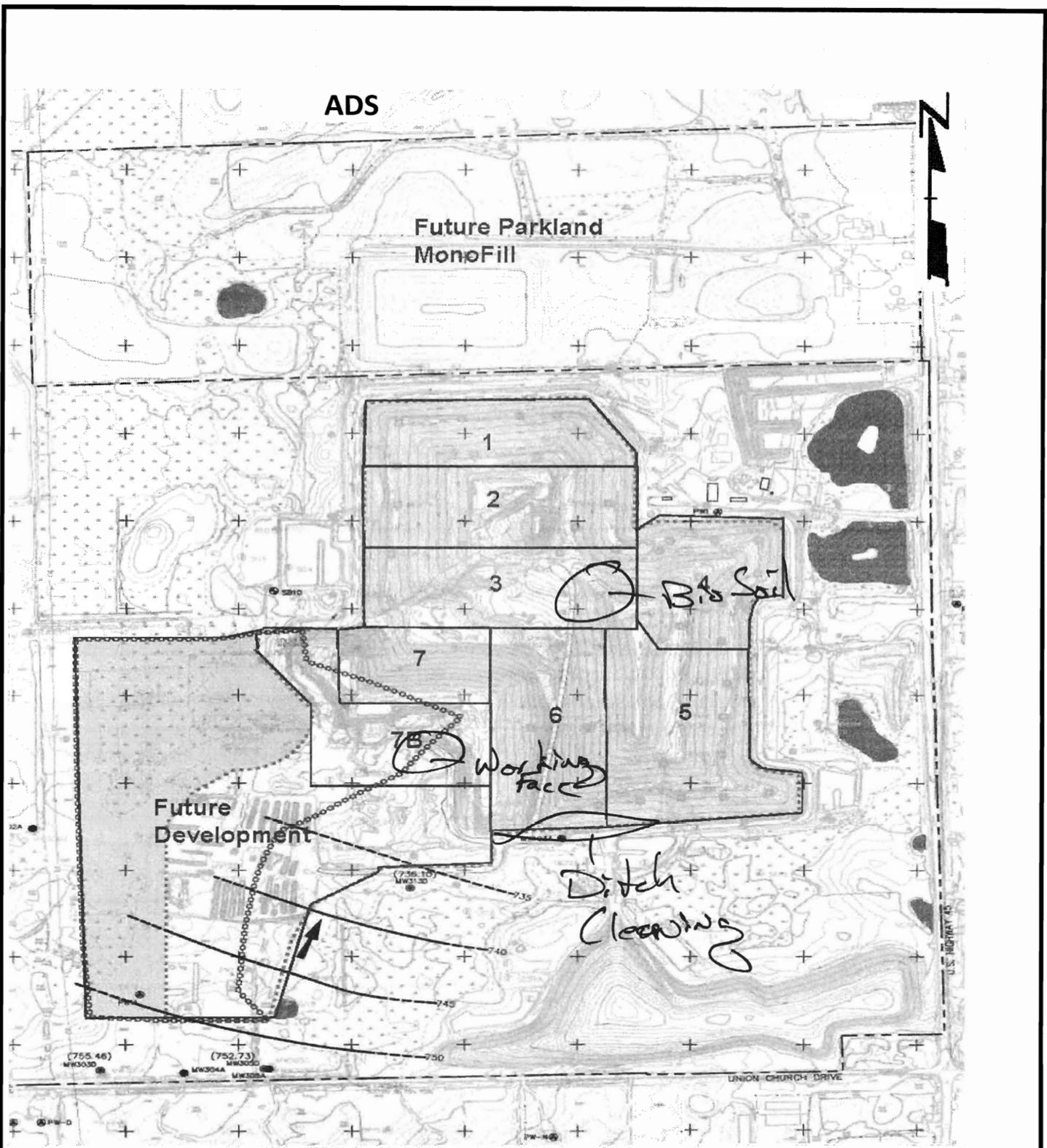
Site clean

M. Other Comments:

- \* Ditch cleaning since last audit
- \* Site erosion repair showing some greenery
- \* Pump replacements and repairs in both gas and leachate system during audit

Auditor's Signature:   
Auditor's Printed Name: Jo-Walter Spear, Jr.  
Management Signature:   
Management Printed Name: Brett Coogan  
Management Title: OPS MANAGER  
JSA Principal Signature: \_\_\_\_\_

Date: 10/27/15  
Date: 10/27/15  
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



Active area viewed from the North



Working face against access road and Phase 6 boundary



Overview of site, view obscured by birds



Compactor working waste upward



Temp fences lining access road and separating working face



Staging and cleanout area away from working face



Dozer spreading cover in completed area of lift



Some litter at top of West slope, Phase 7, adjacent to active area



Transition from new slope work to old, existing cover in good shape



Exterior slopes, unseeded, but in excellent condition



West slope of Phase 7, some litter on slope, intermediate cover in excellent shape