



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/28/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 29, 2014. The audit was performed at 9:27 AM on **June 30, 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 roughly in center of Phase 7
 - All MSW, special and C&D wastes tipped in active area
 - Bio soils and cover materials tipping on top of Phases 3 and 5
- Receiving high volumes of cover soils
- One compactor, two dozers, two excavators and one water truck working on site
- Soils, sand, C&D and traps in use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Vegetation greening up
 - Shut downs only for regeneration

- No storm events since last audit
 - Basins still draining
- Odor present on-site
 - mild gas and waste odor on site
- Liquid loads tipping in Phase 7

- Some litter present on-site
- Litter well controlled
- Two pickers performing site land maintenance
- US 45 and 8 Mile Road clean
- Minor tracking at entrance and on site roads

- Scale camera in use; 4 equipment operators; no spotter

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Receiving approximately 4,000 TPD
 - Tonnage up due to soil loads
- No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Boxes mostly empty

Comments:

- Backhauling of slopes continues
- Daily truck traffic increased by roughly 30 trucks per day
 - Due to trucks delivering and removing soil

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 June 30, 2015

TIME 9:27

Auditor on site at: Open Close

WEATHER Slightly overcast, cleared during audit

WIND 0-5
~~N~~ Corrected by lawyer

TEMP Maximum 70 °F Minimum 53 °F B.P. 29.78

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>2</u>	Excavator						
	Haul Truck						
<u>1</u>	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in rough center of Phase 7
for MSW, special, and C&D wastes
Big soil and cover soils still on
top of Phase 3/5. High volume of cover



Cover Material:

Silt, Sand, C&D, and tarp

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 type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#	NA		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	1,600	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Regen shutdowns only

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:

Basins draining since last audit

E. Odor Control:

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

mild gas and waste odor about site

F. Liquid Loads Received:

Periodic 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"/>	# 2

Comments: Litter well controlled, pickers performing site land maintenance

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 1/8 Mile Clear. Minor tracking at entrance. Some tracking on site roads

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"/>	#	1
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	~ 4,000 TPD			

Comments: Tonnage up due to 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 mostly empty and site clean

M. Other Comments:

* Back hauls containers with soil
delivered. Daily truck traffic of
roughly 30 trucks delivering and
removing soils

Auditor's Signature:

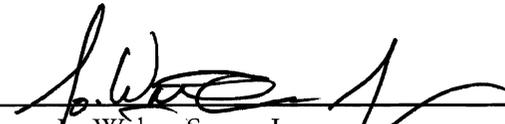
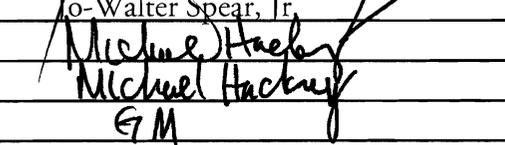
Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:


Walter Spear, Jr.

Michael Hackney
GM

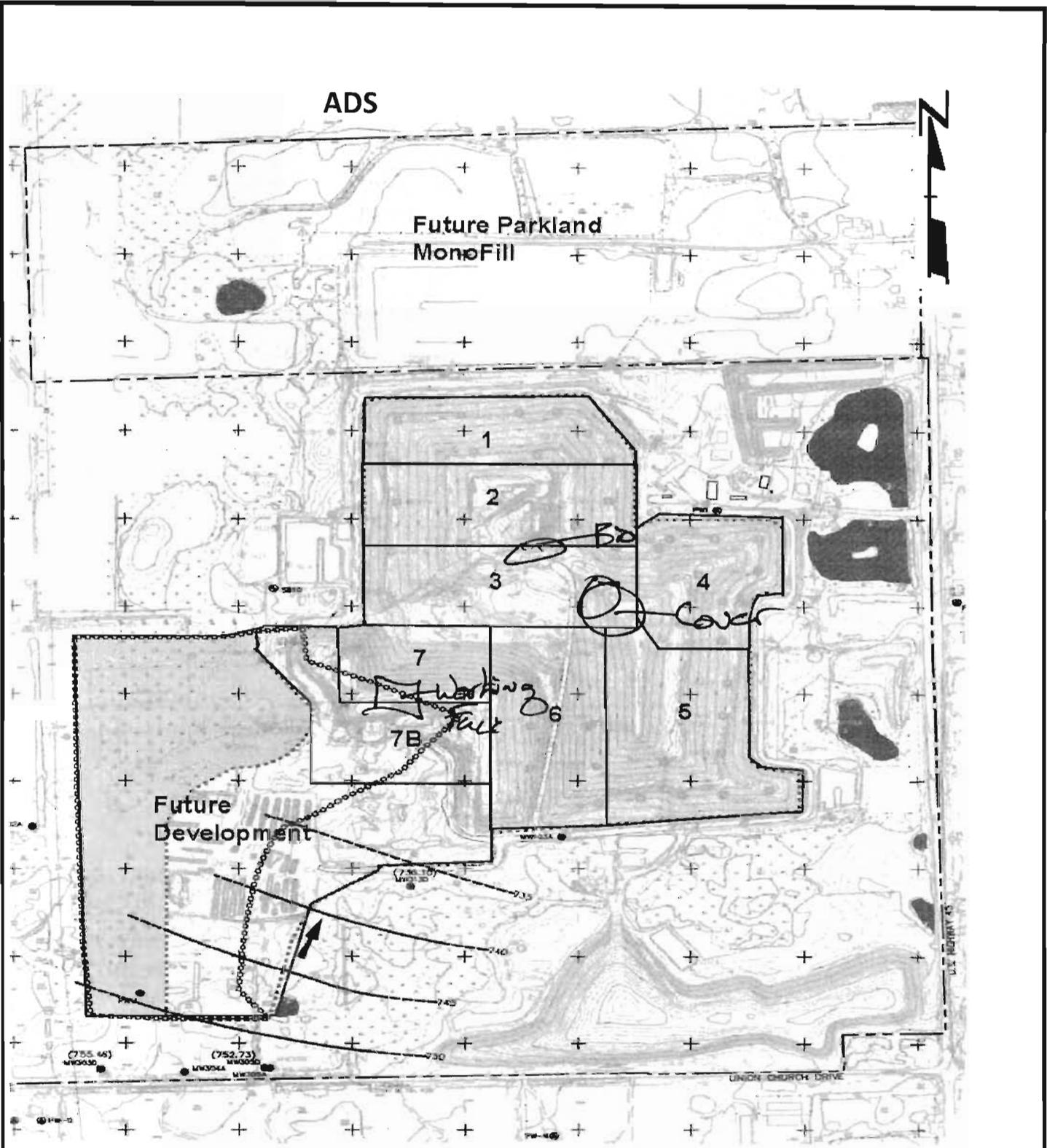
Date:

Date:

Date:

6/30/14

6/30/15



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



Panoramic view



Tipping area on Phase 4/5 receiving soils



Bio soils and tipping truck



Working face viewed from North



Excavation in future Phase 8 ongoing



Future Phase 8, ongoing excavation



Phase 7 and 7B viewed from North



Working face in Phase 7



Bench excavation of Phase 8, soils involved in back haul