



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 21, 2015. The audit was performed at 7:50 AM on **June 26, 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 for MSW and special waste in Western edge of Phase 7
- Bio soil loads going to top of Phase
- Soil and sands for cover being tipped on Phase 5
- One compactor, one dozer, two excavators and one haul truck active on site
- Auto fluff, sands and tarp used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD 1,700 cfm
 - No flares in operation during audit
 - One blower in operation
 - Shut downs for routine regeneration or moisture
 - Vegetation in good condition

- Three storm events since last audit; approximately 2"
- Basins have plenty of freeboard
- Grass growing on erosion repairs
- No odors
- Liquid loads periodic

- Litter on-site; especially on access to active area
- Clean off-site
- Pickers working
- US 45 and 8 Mile Road clean; entrance and access roads gritty

- Scale camera in use; 4 equipment operators; no spotter
 - Receiving approximately 6,500 TPD of MSW and soils
 - High volume due to soil loads; MSW volume about 1,500 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 6/25/15
- No rejected loads
- Residential drop-off site open during audit
 - E-waste container present
 - Boxes recently emptied

Comments:

- Soil load tipped in west of gate in South-bound lane due to truck with broken axle
- Clay backhaul continues; trucks delivering soil and hauling away clay
 - Roughly 30-50 trucks this week

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 26, 2015
 Auditor on site at: Open Close

TIME 7:50

WEATHER Overcast, possible rain, some fog

WIND Nil to 15 mph gusts
 N S W

TEMP Maximum 68 °F Minimum 56 °F B.P. 30.05

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face for MSW $\frac{1}{2}$ Special Waste in Western edge of Phase 7. Soils being tipped on top of Phase 3 for Bio and Phase 5 for Cover.



Cover Material:

Polystuff, Sand, and tarp

B. Leachate Management:

Discharge to MMSD	<input 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	#	<i>NA</i>		
Shutdowns Since Last Audit:	#	<i>NA</i>		
Flow to MMSD:	#	<i>1,300</i>	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Shutdowns due to regen or moisture

D. Surface Water Management:

Storm Events Since Last	# <i>3</i>	Est. Volume	<i>2 1/2"</i>
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Perkins have plenty of freeboard. Erosion repairs growing grasses

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"/>	#

Comments:
 Litter about access to Active Area

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 1/5 & 3/4 Mile Clean. Entrance & entrance

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Equipment Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	6/25/15			
Tonnage:	6,500 TPD			

Comments:
 Tonnages high due to soils
 new loads about 5,500

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Res boxes empty, E-Waste relatively empty

M. Other Comments:

* Soil load tipped west of gate in South bound lane, due to truck with broken axle,

* Clay back haul of ~~30~~ ³⁰ to ~~20~~ ²⁰ trucks, delivering soil and hauling away clay

* Soil trucks coming in for soil job is 20 to 50 trucks this week

Auditor's Signature:

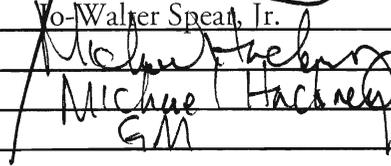


Date: 6/26/15

Auditor's Printed Name:

Yo-Walter Spear, Jr.

Management Signature:



Date: 6/26/15

Management Printed Name:

Michael Hackney

Management Title:

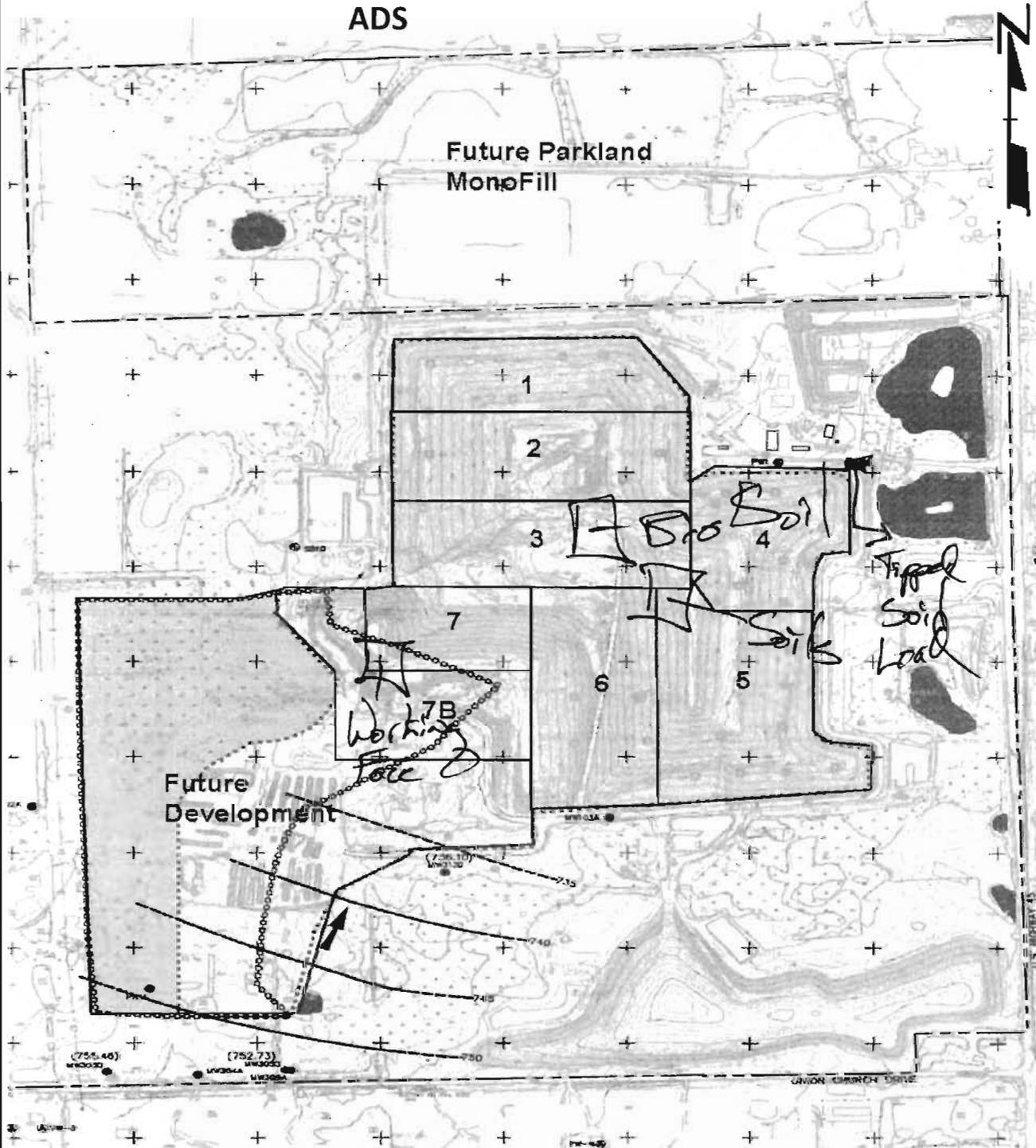
GM

JSA Principal Signature:

Date: _____

ADS

Future Parkland
MonoFill



Future
Development

7B
Working
Face

Soil
Load

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



Soil tipping viewed from the South, rapid elevation changes occurring



Cover soil being tipped across the tops of Phases 4 thru 7



Bio soil pile on left



Back haul ongoing, excavators clearing future Phase 8



Working face viewed from East



Access to active area, very clean cover