



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/16/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 8, 2015. The audit was performed at 1:37 PM on **June 11, 2015** by Jo Spear, Jr. in the presence of Brett Coogan, Gas Plant Manager.

Landfill Operations Audit:

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

- Working face for MSW in Phase 7B
- Working face for soils in Phases 3,4 & 5
 - Multiple working faces required to accommodate truck volumes
- One compactor, one dozer and two excavators working on site
 - One D6 in for repair
- Daily cover composed of soil, sands and poly fluff

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD about 1,700 cfm
 - No flares in operation during audit
 - One blower in operation
 - Shutdowns and flare usage since last audit due to moisture content of gas
 - Gas delivery consistent with except of recent moisture problems and regeneration activities
 - Vegetation in fair condition

- One storm event since last audit; about 1"
 - Rain event during audit
- No odors
- Periodic liquid loads

- Litter under control both on and off-site
- Two pickers working
- US 45 and 8 Mile Road clean; site roads gritty

- Scale camera in use; equipment operators; no spotter
- Receiving 7,200 TPD of MSW and contaminated soils
 - High volume soil loads going to Phase 5

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- MSW & Special wastes to Phase 7
- Random load inspection 6/5/15
- No rejected loads

- Residential drop-off site clean
 - E-waste container present

- Repairs underway on South slope of Phase 5
 - Repairing soil erosion
 - Expected to seed this fall

Comments:

- Heavy volume of soil loads expected to continue through out the month
- Erosion repairs are in good shape; seds beginning to green up on slopes
- Back haul for MMSD project is on-going; paused during audit due to rain
- Sweeper scheduled to begin work 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 10, 2015
 Auditor on site at: Open Close

TIME 1:37

WEATHER Overcast, on edge of rain

WIND 10-25
 N E W

TEMP Maximum 65 °F Minimum 56 °F B.P. 29.68

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						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>D6 Dozer</u>		<input checked="" type="checkbox"/>				

A. Working Face Size and Location:

Working face for MSW in Phase 1B.
Working face for soils in Phases 3, 4, & 5
Multiple working faces to accommodate
truck volumes



Cover Material:

Soil, Sands, $\frac{1}{2}$ Poly Fluff

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	#	Moisture		
Shutdowns Since Last Audit:	#	Moisture		
Flow to MMSD:	#	1,700	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Dead

Comments:

Consistent delivery outside of moisture impacts and regen

D. Surface Water Management:

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

Rain event during audit

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 type="checkbox"/>	NO <input checked="" 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 very minimal

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 46 1/2 Mile road clean, site roads
gritty*

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"/>	#
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:	<i>6/5/15</i>		
Tonnage:	<i>7,200 TPD</i>		

Comments:

*Consistent high volume of soil's to Phase 5
MOW & Special wastes to Phase 7*

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

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

Site clean.

M. Other Comments:

* Soil to continue through out the month

* Erosion repairs and seeding are in good shape & turning green

* Back haul for MMSD project ongoing but stopped during rain.

* Sweeper scheduled for this week.

Auditor's Signature:



Date: 6/11/15

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 6/11/15

Management Printed Name:

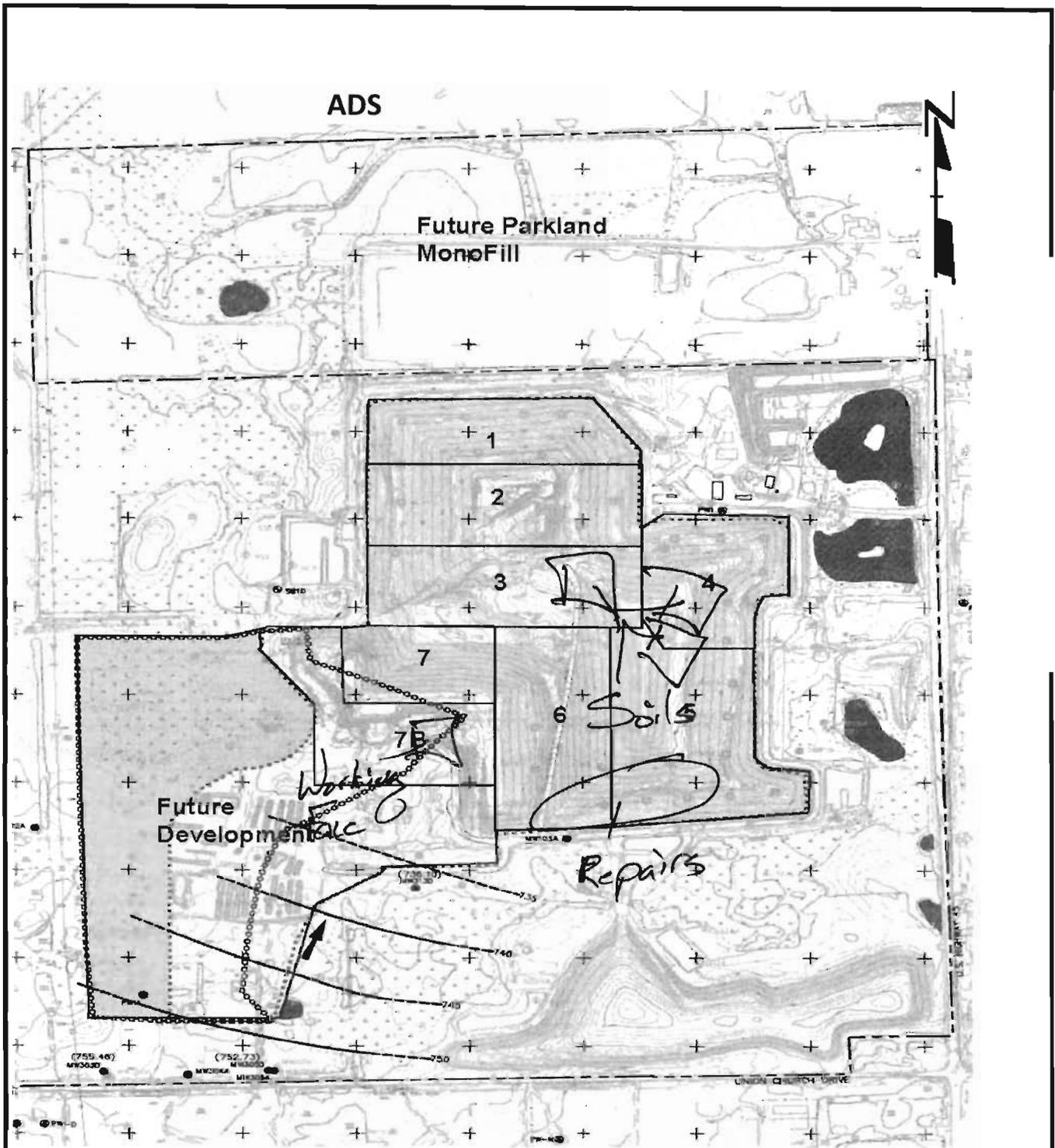
Bert Logan

Management Title:

Gas Plant Manager

JSA Principal Signature:

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



Soil tipping viewable from Northeast, placement in Phases 4 & 5



Soil tipping on top of Phase 4,5, & 6



Soils added to top of Phase 4/5/6 junction



Working face and active area in Phase 7B



Future Phase 8 being excavated and shaped during back haul process.



Working face



Soils stockpiled for cover at the limits of the working face



Working face viewed from the East