



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 9/26/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 28, 2016. The audit was performed at 2:58 PM on **August 31, 2016** 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:

- Sunny day with low clouds
- Working face at top of slope, Southeast corner
 - Active area wrapped around top of slope, West of access road to Phase 7
 - Filling at top of slope has created a low area in center of Phase 7
 - No other working face
- One compactor, one dozer and one water truck in use on site
- Soils used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,650 cfm
 - Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - Flare used only during shut-down for regeneration

- One storm event since last audit; about 1"
 - Site conditions dry
 - Basin 2 nearly fully drained
 - Dry enough to continue with cleaning of basin
- No odors
- Liquid loads periodic
 - One tipped in Phase 7 active area during audit

- No litter off-site; minimal litter on-site
 - One picker at work in area of temporary sediment basin
 - Litter is well-controlled
- US 45 and 8 Mile Road clean; site roads gritty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 TPD
 - MSW, C&D small volume of soils suitable for cover and special wastes
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Some boxes ready to be emptied

Comments:

- Pre-construction meeting on Tuesday, September 5, 2016
 - Prior to cap installation
- Basin #2 cleaning to resume when dry
- Stone and sand delivery from Mallard Lake with clay backhaul going to ML
 - Not actively hauling today; temporary break
 - This is an on-going project

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

**ADS 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 August 30, 2016
 Auditor on site at: Open Close

TIME 2:58

WEATHER Low Clouds & Sunny

WIND 0-15
 N S E W

TEMP Maximum 73 °F Minimum 57 °F B.P. 30.10

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
	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 Southeastern corner, east of Access road to Phase 7. Working face wrapping about top of slope of Phase 7 leaving low area in center of Phase 7
No other working face



Cover Material:

Soils

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	3
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# REGEN ONLY			
Shutdowns Since Last Audit:	# REGEN ONLY			
Flow to MMSD:	# 160 cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Consistent delivery to MMSD

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	2/10
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basin #2 nearly dry enough to continue with cleaning

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No Odors

F. Liquid Loads Received:

Periodic in Phase 7 active area
one during audit

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:

Litter controlled, picker active about temp
 SD Basin during audit

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 road clean. Site roads gritty

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:						
Tonnage:	1,500					

Comments:

MSW, C&D, Small Volume Cover Soils, and special

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

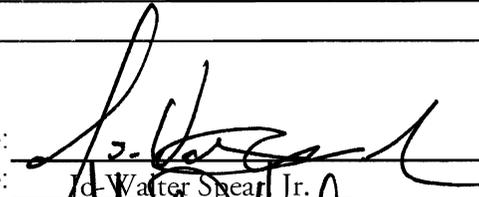
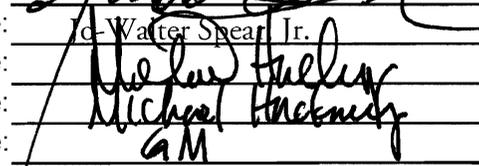
Some full boxes

M. Other Comments:

* Pre Con meeting on Tuesday September 5th for Cap installation

* Basin #2 Cleaning to continue when dried.

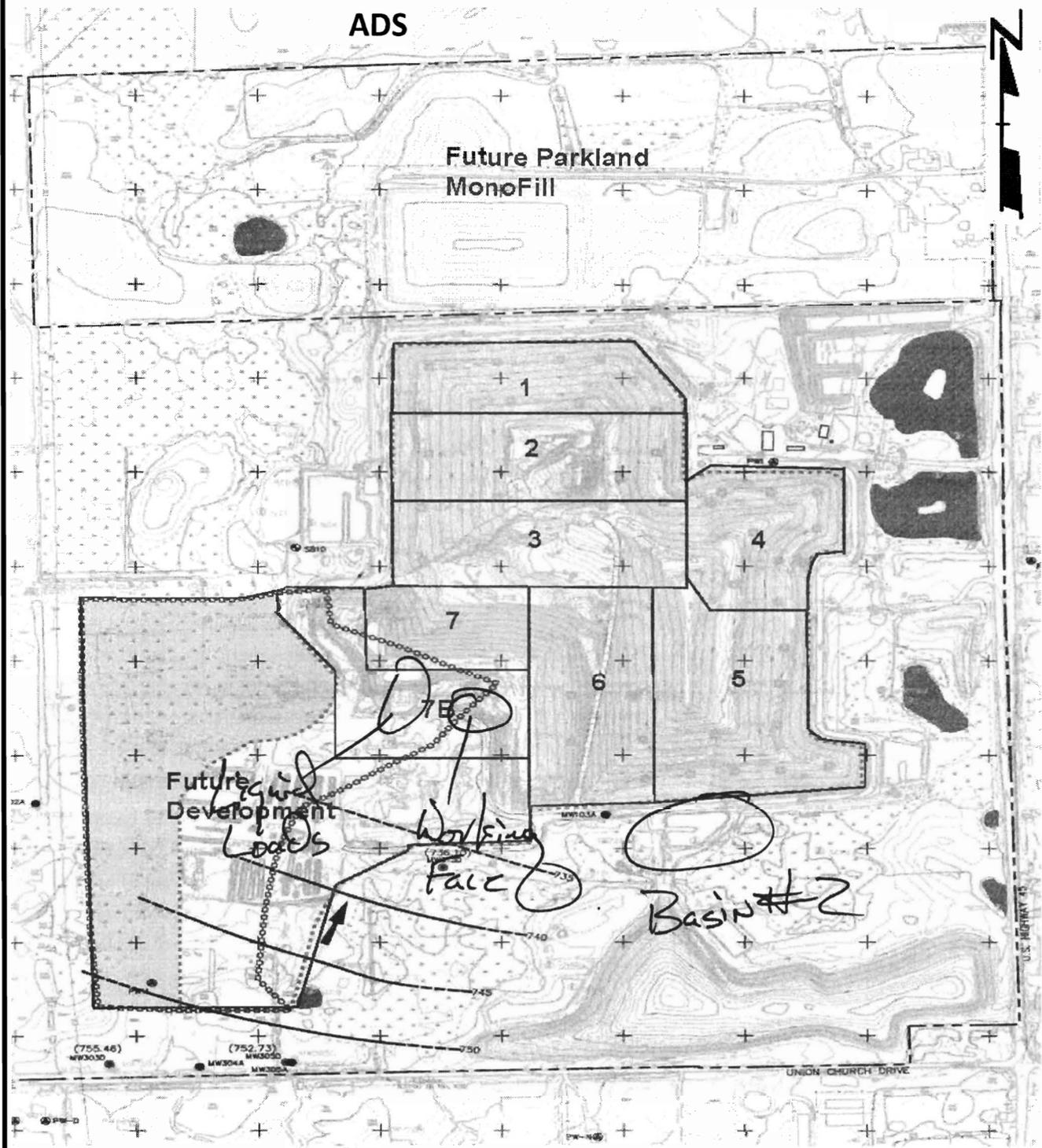
* Stone and sand delivery with clay back haul ongoing, but not today

Auditor's Signature: 
Auditor's Printed Name: Joe Walter Spear, Jr.
Management Signature: 
Management Printed Name: Michael Hackett
Management Title: GM
JSA Principal Signature: _____

Date: 8/28/16
Date: 8/31/16
Date: _____

ADS

Future Parkland
MonoFill



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



Entrance to Phase 7





Lift wrapping about the outer (West and South) edge of Phase 7



Working face



Liquid load tipping in working face under supervision of site manager



Picker at South end fo Temp. Sed. Basin



South slope of Phase 7



Southeast corner of Phase 7, viewed from the South