



Memorandum

ADS Emerald Park Landfill Audit Summary

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

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 14, 2016. The audit was performed at 1:18 PM on **August 19, 2016** by Jo Spear, Jr. in the presence of Brett Coogan, District Manager.

Landfill Operations Audit:

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

- Sunny day with some cloud cover, possible rain later today
- Working face in Southeast corner of Phase 7B receiving all incoming waste
 - Establishing entrance ramp for future access to Phase 7B
- Trench cut in active area of Phase 7B to drain ponded area
- One compactor, two dozers & one haul truck working on site
 - One dozer in for repair
- Daily cover provided by numerous stockpiles of soil & poly fluff

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD has been steady for past month
 - Flares used only during regeneration
 - One blower in use
 - Shut-downs only during regeneration
 - Flow rate of 1,300 cfm gas consistently delivered

- One storm event since last audit; about 1"
 - Heavy rain last night
 - Site appears dry
- Odors on-site about active area
- Liquid loads periodic; tipped in working face

- Minimal litter on-site; clear off-site
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty
- Mud tracking from WM WI entrance

- Scale camera in use; 3 equipment operators; no spotter

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Receiving approximately 1,500 TPD
 - MSW, C&D and special wastes
- Random load inspection 8/18/16
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Residential drop-off very busy during audit

Comments:

- Basin #2 cleaning begun
 - Approximately 4 feet of silt accumulated
 - About 1/3 has been removed
 - Cleaning temporarily suspended due to rain

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 19, 2016
 Auditor on site at: Open Close

TIME 1:18

WEATHER Sunny with clouds, possible rain

WIND 10-25
 N E W

TEMP Maximum 86 °F Minimum 72 °F B.P. 29.95

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
2	Dozer						
	Excavator						
1	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Dozer 6T	✓					

A. Working Face Size and Location:

Working face in Southeast corner of Phase 7B
receiving all wastes.
Active area 7B has trench cut to
drain ponded area



Cover Material:

Numerous stockpiles of soil & poly fluff

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"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# Regens Only			
Shutdowns Since Last Audit:	# Regens Only			
Flow to MMSD:	# 1350 cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Steady delivery to MMSD for the last month

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	2 1/4"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Heavy rains last night, 8/18/16. Site appears dry

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

waste odors about active area

F. Liquid Loads Received:

Periodic to working face

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:

Pickers well controlled

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 clean, Site roads dusty
Mud tracking at WMSW Entrance*

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:	<i>8/18/16</i>			
Tonnage:	<i>1,500 TPD</i>			

Comments:

MSW, C&D, and Special

J. Rejected Loads:

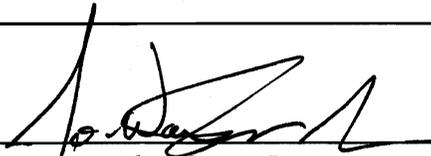
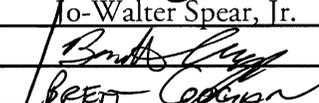
	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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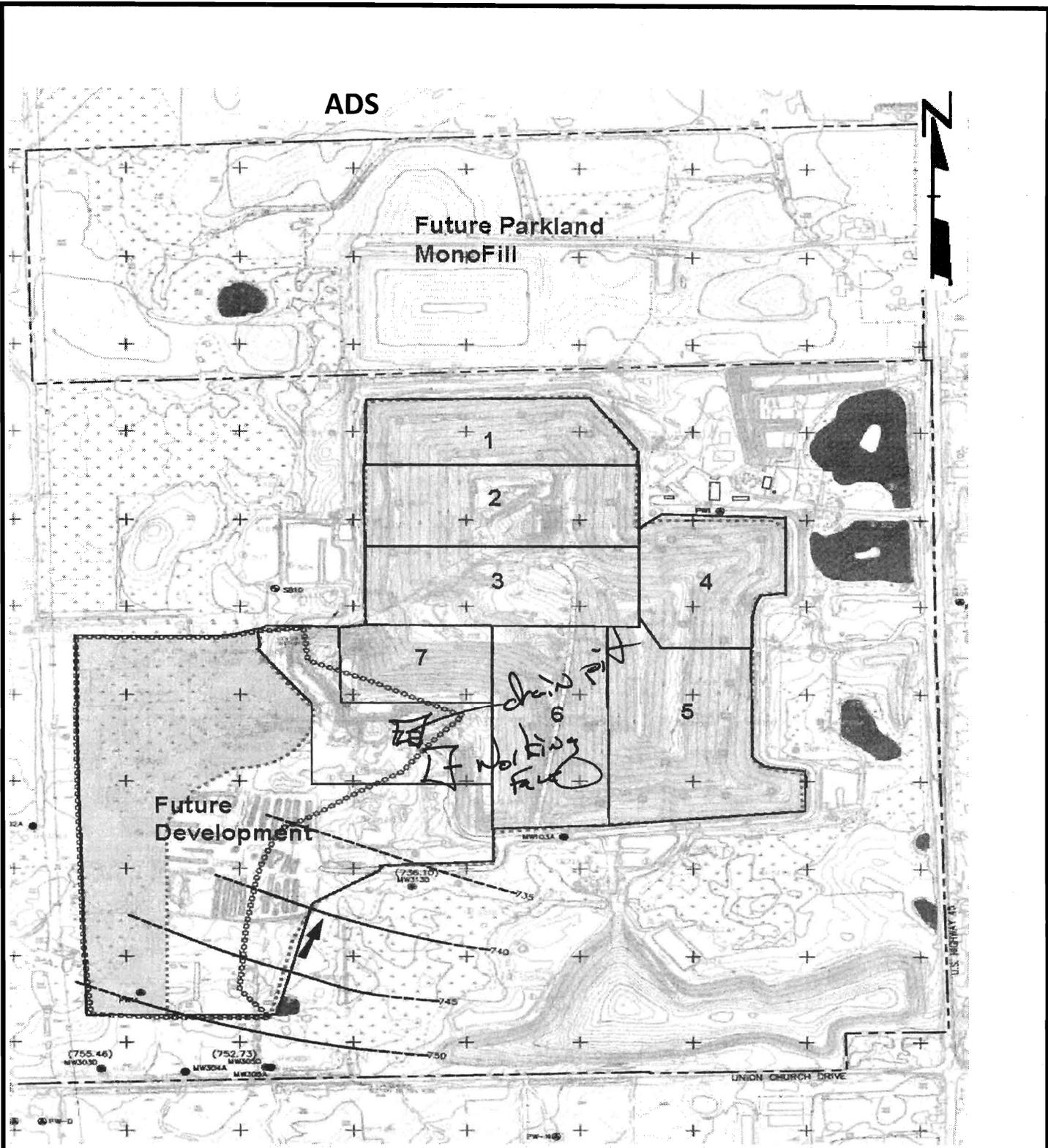
Ris drop off very active during audit

M. Other Comments:

* Basin #2 cleaning begun, approximately 4' deep of silt. 1/3 rd removed. Cleaning stopped due to rain event

Auditor's Signature: 
Auditor's Printed Name: Joe-Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Cooper
Management Title: O&S Manager
JSA Principal Signature: _____

Date: 8/19/16
Date: 8/19/16
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



View across Phase 7 from Phase 3





Active area viewed from the North



Working face viewed from the North



Active area viewed from the East, haul truck stockpiling soil for cover in background



Working face



Working face at top of access ramp in Phase 7



Excavation area viewed over Phase 7 staging area



Excavation area and staging area for Phase 7