



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/22/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 8, 2016. The audit was performed at 12:23 PM on **May 13, 2016** by Jo Spear, Jr. in the presence of Brett Coogan, Operations Manager.

Landfill Operations Audit:

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

- Sunny with some high clouds
- Working face in Southwest corner of Phase 7B
 - No other working faces
- Litter-catching fences were relocated during audit due to wind change
- One compactor, one dozer, one excavator and one haul truck in use
- Soils, sand and C&D used for daily cover

- All leachate discharging to MMSD; no recirculation
- No gas flow to MMSD; gas plant shut down again after initial repairs
 - Valve failure on 5/12/16 necessitated current shut down
 - One flare and one blower in operation
 - Repair is expected to be complete by 5/16/16

- Rain event on 5/10/16; less than 1"
 - Basins draining
 - No appreciable change in erosion repairs
- Minor gas odor in area near working face
- Liquid loads periodic; one arrived during audit

- Litter on-site; clear off-site
 - Litter scattered over Phase 5 effectively addressed by litter fence relocation
- Two pickers working
 - One picker operating Residential Drop-Off area
- US 45 and 8 Mile Road clean; site roads dusty

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 11,500 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Incoming loads are MSW, special wastes and C&D
- Random load inspection 5/13/16
- No rejected loads

- Residential drop-off site clean
 - E-waste container full
 - Area busy during audit

Comments:

- New outbound scale under construction during audit
 - Will be several weeks until ready for service

- Basin #2 needs cleaning

- Recent erosion repairs are in excellent shape
 - Back dragging has occurred on west slope of Phase 7B since last audit

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 May 13, 2016
 Auditor on site at: Open Close

TIME 12:25

WEATHER Clear, Sunny, high clouds

WIND 10-35
 N S E W

TEMP Maximum 60 °F Minimum 40 °F B.P. 29.99

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southwest corner of
Phase 7B. No other working faces.
Witter fences were re-located during
audit to catch litter from wind change



Cover Material:

Soils, Sand, CED

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# 1 Day			
Shutdowns Since Last Audit:	# 1			
Flow to MMSD:	# 0		cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Valve failure on 5/12/16 shutdown, delivery repair expected complete by 5/16/16

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 on 5/10/16. No appreciable change to erosions, basins draining

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor gas odor about working face

F. Liquid Loads Received:

Periodic, 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"/>	# 2

Comments:

One picker is resi-drop
Litter over phase 5, addressed by relocating fences

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 dusty

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:	5/13/16			
Tonnage:	1,500 TPD			

Comments:

MSW, Special Waste, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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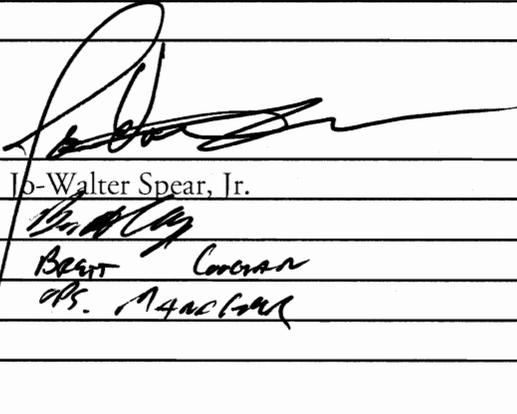
E-Waste Container full, site active during audit

M. Other Comments:

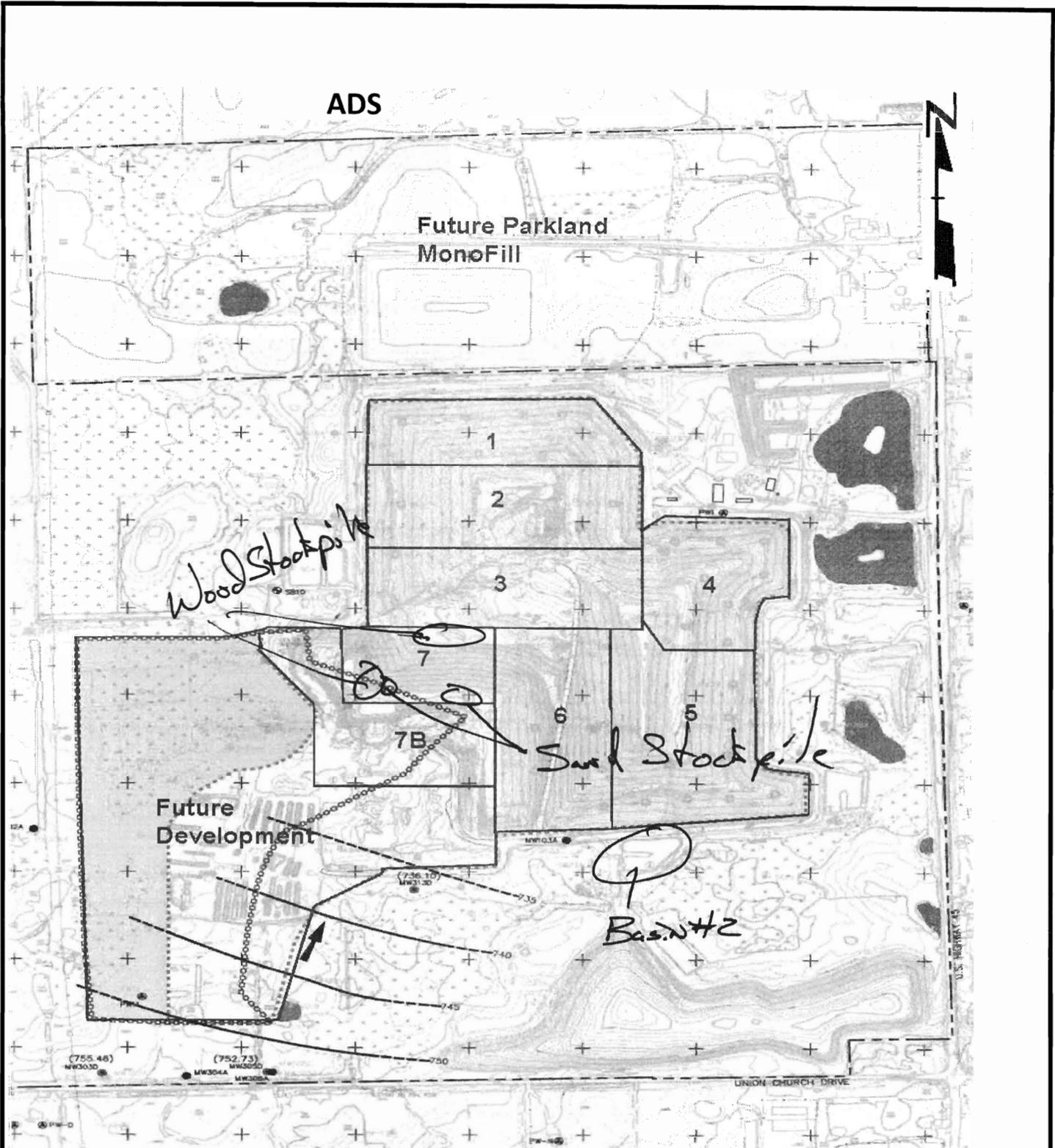
* New outbound scale under construction during audit. Scale won't be completed for several weeks.

* Basin #2 needs cleaning.

* Erosion repairs in excellent shape
Back dragging of these FB west slope occurred since last audit

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Cowan
Management Title: Ops. Manager
JSA Principal Signature: _____

Date: 5/13/16
Date: 5/13/16
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



Overflow of E-waste in Resi-drop-off yard





Stockpiling of wood for travelway use



recover soils and sands for cover



Wood stockpiled for use on travelways



Tipping trucks above working face



Foundry sands stockpiled for use as cover



Active area



Active area viewed from center to East



Overview of Phase 7 and 7B from the Southeast



Working face in Southwest corner of Phase 7



Working face in Southwest corner of Phase 7



West slope of Phase 7, back dragged and cover added.



Temp sed basin



Western slope of Phase 7 and the junction with Phase 3 backdragged to improve cover