



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 7/26/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 29, 2016. The audit was performed at 1:15 PM on **June 3, 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:

- Weather clear; sunny with high clouds
- Working face in Southeast corner of Phase 7
- Equipment used to recover and dress site soils for use as daily cover
- One compactor, one bulldozer and one excavator working on site
- Daily cover is recovered site soils

- All leachate discharging to MMSD; no recirculation
- Some gas going to MMSD; remainder being burnt
 - One flare and one blower in use during audit
 - Flare use has been continuous
 - One shutdown since last audit
 - Approximately 800 cfm of gas delivered to MMSD

- No rain since last audit
 - Basins drying
 - Ditches in good shape
 - Temporary sedimentation basin is nearly dry
- No odors
- Liquid loads are periodic

- Litter on-site; clear off-site
- One picker working on Phase 5
- US 45 and 8 Mile Road clean
 - Trash bags along road from truck going to Waste Management Site

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,800 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Incoming loads composed of MSW, special wastes and C&D.
- Random load inspection 6/3/16
- No rejected loads

- Residential drop-off site open
 - E-waste container present
 - Area clean
 - Police spoke with residents about abusing drop-off on 5/28/16

Comments:

- Crew working on mowing and trimming site during audit

- Ongoing back haul of Mallard Ridge and stone delivery

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 June 3, 2016
 Auditor on site at: Open Close

TIME 1:15

WEATHER Clear, Sunny, high clouds

WIND 10-25
 N E W

TEMP Maximum 71 °F Minimum 59 °F B.P. 30.08

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face is Phase 7 at South east corner. Cover being dressed and recovered for daily cover placement



Cover Material:

Recovered Soils

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
-------------------	-------------------------------------	---------------	--------------------------

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				#	Cont			
Shutdowns Since Last Audit:				#	1			
Flow to MMSD:				#	800. cfm			
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Partial receipt by MMSD, remainder being burnt

D. Surface Water Management:

Storm Events Since Last	#	0	Est. Volume	0
-------------------------	---	---	-------------	---

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins drying, ditches in good shape. Temp Sed basin nearly dry

E. Odor Control:

Odors Present:	Onsite	<input type="checkbox"/>	Offsite	<input type="checkbox"/>
----------------	--------	--------------------------	---------	--------------------------

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"/>	# 1

Comments:

Resid drop off open. Picker active on these 5 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 & 3 Mile clean except for track bags from trucks to WNW

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:	6/3/16			
Tonnage:	1,800 TPD			

Comments:

MSW, Special wastes, and Construction/Demolition

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"/>
-----------------------	---	---

Resid drop off clean. Last out 5/29/16, Police called on residents due to poor behavior

M. Other Comments:

* Site mowing and weed cutting during audit
* Soil backhaul to Maynard Ridge and stone delivery ongoing

Auditor's Signature: _____

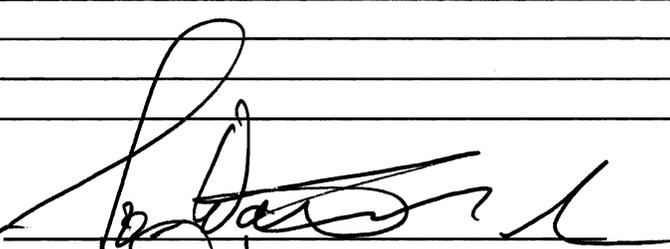
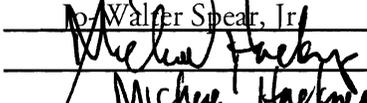
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____


Walter Spear, Jr.

Michele Hachey
GM

Date: 6/3/16

Date: 6/3/16

Date: _____

**ADVANCED DISPOSAL SERVICES
EMERALD PARK LANDFILL / CITY OF MUSKEGO
AUDIT PHOTOS**

PROJECT NO. 1012.10030



View to the Southwest from Phase 3





Active area viewed from the North



Active area viewed from North



Working face on South edge of Phase 7



Working face viewed from the East



Compactor and dozer working



Dozer spreading cover



Site operator and contractor excavating for daily cover and back haul