



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 01/08/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of December 8, 2014. The audit was performed at 4:10 PM on **December 9, 2014** by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

Landfill Operations Audit:

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

- Working face in Phase 7B West
 - Actively placing daily cover during audit
- Current access to Phase 7 from Phase 6 via a ramp
 - Original road currently used only by site equipment
 - Garbage trucks arriving & departing via ramp
- One compactor & one dozer working on site
- Reclaimed soils from previous tipping used as cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Vegetation appears dead or dormant due to weather

- Two storm event since last audit; about 1"
 - Rain created mucky conditions
 - Basins thawing
 - Pump in use from temporary sediment basin to basin #1
- No odors
- Liquid loads periodic

- Minimal litter on-site; clear off-site
- Pickers working
- US 45 and 8 Mile Road clean; site roads mucky
 - Some tracking at entrance

- Scale camera in use; two equipment operators; no spotter
 - Receiving approximately 1,500 tpd of MSW, C&D and special wastes

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Random load inspection 12/5/14
- No rejected loads

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

- Construction begun this week on addition to back of gas building
 - Project on-going

- Landfill staff pumping temporary sediment basin
 - Temporary sediment basin can only be drained by pump

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 December 9, 2014

TIME 4:10

Auditor on site at: Open Close

WEATHER Overcast, possible weather event WIND 0-5
 ☉ S E ☉

TEMP Maximum 35 °F Minimum 24 °F B.P. 30.35

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

NO.	DESCRIPTION	Broken	Maintenance	NO.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working was in Phase 7B West, cover being placed during audit.
 Site access is from ramp over from Phase 6. Original road not in use by garbage trucks, but used by site equipment



Cover Material:

Reclaimed soils from previous tipping
Cover placement during audit

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		#			0	
Shutdowns Since Last Audit:		#			0	
Flow to MMSD:		#			1,600	cfm
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>
					Dead	<input type="checkbox"/>

Comments:

Addition, closing of Building ongoing
Site vegetation browning due to weather.

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	21"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain events. Site mucky with Basins
shallowing. Pump in use in Temp Sed Basin
to Basin #1

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 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"/>	#

Comments:

Litter 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 45 & 8 Mile clean, site roads muddy
Some tracking at 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"/>	#	2
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	<i>12/5/14</i>			
Tonnage:	<i>2,500 TPD</i>			

Comments:

MSW, C&D, Special Wastes,

J. Rejected Loads:

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

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

Boxes empty, site clean.



M. Other Comments:

* Gas Building receiving construction of Back wall, started this week.

Project will be ongoing.

* Pumping being performed by site staff. Temp sed basin can only be drained by pump.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: _____

Date: 12/9/14

Date: 12-9-14



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

PROJECT NO. 1012.10030



Temp sed Basin thawing and being drained to Basin #1 by pump



Working face in Western Portion of Phase 7B



Phase 7B viewed from the North



Phase 7B, edge of working face



Dozer spreading daily cover in Phase 7B