



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego

FROM: Jo-Walter Spear, Jr., P.E.

COPIES: File

DATE: 11/14/13

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of November 4, 2013. The audit was performed at 3:35 PM on **November 7, 2013** by Jo Spear, Jr. in the presence of Dean Driggett.

Landfill Operations Audit:

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

- Working face still moving across Phase 7 from West to East
 - Receiving MSW only; no soils
- One compactor and one Dozer in use during audit
 - Second compactor in for repair
- Autofluff & C&D used for cover
 - Large Autofluff stockpile
- Leachate discharging to MMSD
 - Leachate only discharged when Dean is on-site
 - Sumps at minimum operation
- One blower in operation and no flares in operation
 - Gas flow 1,400 cfm
 - ADS supplying gas as needed
- Vegetation in fair condition
- Two storm events approximately 1"
 - Wet conditions earlier in week
- No odors noticeable on or off site
- Liquid loads are periodic
- Litter under control
 - Some litter on-site
 - Two pickers working
- US 45 & 8 Mile Road clean

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Site roads dusty
- Tipping scale camera in use; two equipment operators; no spotter
 - Approximately 1,400 tons per day
 - Predominately MSW; no expected projects
 - No rejected loads
 - Some soils tipped in Phase 7
- Residential drop-off area clean

Construction Audit Notes:

- No construction due to wet weather

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP	06/06/2013	28	All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.
2	07/25/2013	Construction entrance open and unattended	NR530.10(11	ASAP	07/25/2013	0	David Geier, Site Manager, closed and locked gate during audit

ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE October 7, 2013
 Auditor on site at: Open Close

TIME 3:35

WEATHER Clear, Sunny some clouds

WIND 0-10
 N S E W

TEMP Maximum 48 °F Minimum 41 °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						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:
working face still moving across Phase 7 from
West to East No soils.
C/D being used with auto fluff to secure
daily cover.



Cover Material:

Autofluff in abundance

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: Discharge only when 1 Draw onsite. All at maintenance levels

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation: YES NO # 1

Blowers in Operation: YES NO # 1

Flare use since last audit # NA

Shutdowns Since Last Audit: # NA

Flow to MMSD: # 1,400 cfm

Vegetation Condition: Good Fair Poor Dead

Comments:

ADS supplies when MMSD draws.

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2/4

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

Wet conditions early in the week.

E. Odor Control:

Odors Present: Onsite Offsite

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"/>	# 2

Comments:

Litter under control

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 1/2 mile 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"/>	#	2
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	2,400 TPD			

Comments:

Some Sails tipped in Phase 7

J. Rejected Loads:

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

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



M. Other Comments:

* No constructions due to wet weather

Lined area for additional comments.

Auditor's Signature: [Signature]
Auditor's Printed Name: Joseph Walter Spear, Jr
Management Signature: [Signature]
Management Printed Name: DEAN DRIBBETT
Management Title: _____
JSA Principal Signature: _____

Date: 11/7/13
Date: 11/7/13
Date: _____



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

PROJECT NO. 1012.10030



Active area



Working face



Working face



Phase 8 clay liner nearly complete



Phase 8 clay liner nearly complete



Eastern stockpile seeded and mulched



Clay base of liner nearly completed