



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

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

FROM: Faith Spear.

COPIES: File

DATE: 11/24/14

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 20, 2014. The audit was performed at 10:40 AM on **October 23, 2014** by Jo Spear, Jr. in the presence of David Greir, Operations Manager.

Landfill Operations Audit:

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

- Working face in middle of Phase 7B
 - Working area very small and tight.
- Cover from previous days and in intermediate stockpiled is well placed
 - Soils for additional intermediate cover being hauled during audit
- One compactor, one dozer one excavator and one haul truck working on site
 - One D8 in for repair
- Site soil, auto fluff and foundry sands in use for daily cover
 - Auto fluff supply appears low

- 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 cover improving
 - Gas plant operating as designed

- Two storm events since last audit; about 1
 - Basins still draining
 - Ditches need cleaning; especially South end of Phase 6
- Strong waste odor on-site during tipping
- Periodic liquid loads tipped in Phase 7B

- Litter on-site; clear off-site
- New fences installed about Phase 7B
- More fences scheduled to be installed up into Phases 3, 4 & 5
- Two pickers working
- US 45 and 8 Mile Road clean; site roads wetted just before audit

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Scale camera in use; 3 equipment operators; no spotter
- Receiving approximately 1,845 tpd
 - Receiving MSD, C&D and soils
- Random load inspection 10/21/14
- No rejected loads

- Residential drop-off site clean; recently swept
- E-waste container present
- All but two boxes were recently emptied

Comments:

- Hand seeding done to repair erosion damage to earlier seeding
 - Other seep repairs and seeded areas showing growth or greening
- Rain flap to protect repaired area scheduled to be installed next week

- No contractors on site during audit
- Incident on access road on 10/22/14
 - Roll-off loaded with shingles tipped
 - No release of contaminants or impact on area
 - Wastes collected and cleared

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 October 23, 2014
 Auditor on site at: Open Close

TIME 10:40

WEATHER Clear, with some cloud cover

WIND 0 - S
 ☉ S E W

TEMP Maximum 49 °F Minimum 38 °F

B.P. 30.19

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	<u>Compactor</u>						
<u>1</u>	<u>Dozer</u>						
<u>1</u>	<u>Excavator</u>						
<u>1</u>	<u>Haul Truck</u>						
	<u>Water Truck</u>						
	<u>Grader</u>						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>DB Dozer</u>						

A. Working Face Size and Location:

Working face in middle of Phase 7B. Working face very small and tight. Previous 2 intermediate cover well placed.

Soils for additional intermediate cover being hauled during audit



Cover Material:

Side Soil, Fluff, & Foundry Sand
Autofluff supply reduced

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"/>	#	
Flare use since last audit	# Maintenance Only			
Shutdowns Since Last Audit:	# "			
Flow to MMSD:	# 1/1000		cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas plant running as designed.

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 41"

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

Basins still draining.
Patches need cleaning at south end of these 6

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Strong waste odor during flipping

F. Liquid Loads Received:

Periodic in Phase 7a



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:

New fences installed about Phase 1
 More fences to be installed up into Phase 3A, S

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 13 & 8 Mile Clean. Site roads wetted just prior to audit

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:	10/21/14			
Tonnage:	1,845 TPD			

Comments:

MSW, C&D, and soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

All but two boxes empty, site cleaned by sweeper



M. Other Comments:

* Site hand seeding to insure coverage of seep repairs.

Other erosion repairs, and seeded areas showing growth, or "greening"

* Rain flap repair scheduled for next week

* No contractors onsite

* 10/22/14 - Incident on access road, rolloff tipped loaded with shingles. No releases, waste and impacted areas collected & cleaned

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 10/23/14

Date: 10-23-14

Date: _____



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

PROJECT NO. 1012.10030



Area of Phase 3,4, & 5 above Closure areas, topsoiled and seeded.



Ditch cleaned after truck rolled and dumped shingles in ditch line



Autofluff stockpile on Phase 6



Bio Soil in Phase 4



Active area, Phase 7B viewed from the North



Working face in Phase 7B viewed from the North



Working face in Phase 7B viewed from the South