



## MEMORANDUM

### Advanced Disposal Services Emerald Park Landfill Audit Summary

**TO:** ADSEPL Standing Committee, City of Muskego  
**FROM:** Anna Krajcik  
**COPIES:** File  
**DATE:** 04/03/13  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of April 22, 2013. The audit was performed at 11:00 am on **April 24, 2013** by Jo Spear Jr. in the presence of David Geier.

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

- Working face in middle of Phase 7. Cover disturbed from rainfall. Biosoils with strong diesel smell being tipped in Phase 3
  - Autofluff being used for cover
- Leachate discharge to MMSD
  - Expected leachate from future parkland to trenches ~3600
- One flare and one blower in operation,
  - Flare used at night, vegetation in good condition
  - Gas delivered yesterday and today during landfill hours
- Two storm events since last audit, ~2"
  - Basins partially drained, basin 2 draining slower due to stuck gate
- Diesel odors from bio soils
- No liquid loads received
- Litter only above about active area and ditches, 2 pickers active
- US 45 and 8 Mile Road clean, site roads gritty
- Tipping scale camera and equipment operators inspecting waste
  - Random load inspection date 4/20/13 ~1350 tpd
  - Soils and MSW being received
- Residential drop off not in use during audit, E-waste container over flowing
- Erosion conditions impacted by recent storms, conditions to wet for repair
- Flow thru front berm discovered to be a corrugated pipe
- Temp Basin pumped down on west side; east side evaporating; to be pumped later

Attachments:  
Action Items List / Landfill Operations Audit Form  
Audit Photos

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

PROJECT NO. 1020.10030

DATE April 24, 2013  
 Auditor on site at:  Open  Close

TIME 11:00

WEATHER Clear, Sunny, fluffy clouds

WIND S-10  
 N  S  E  W

TEMP Maximum 52 °F Minimum 37 °F

B.P. 30.00

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
1	Compactor						
1	D6 R						

A. Working Face Size and Location:

Working face in Middle of Phase 7. Cover disturbed from rainfall. Bio Soils with strong diesel smell being tipped in Phase 3



Cover Material:

Auto-luff being used for cover

B. Leachate Management:

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

Expected leachate from Future Parkland to trench ~ 3,600 GP

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

Comments:

Gas Delivered yesterday & today  
Gas Delivered during landfill hours

D. Surface Water Management:

Storm Events Since Last	# 2	Est. Volume	20"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins partially drained. Basin 2 draining slower due to stuck gate.

E. Odor Control:

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

Diesel odors from Bio Soils

F. Liquid Loads Received:

None



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 only about active area & ditches

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 43 & 8 Mile Road clean site roads gritty

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:	4/20/2015			
Tonnage:	1,350 TPD			

Comments:

Soils & ~~MSW~~ MSW being received

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

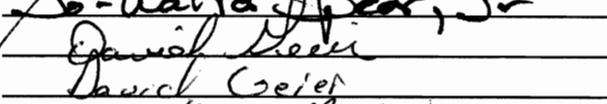
Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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E-Waste container over-flowing



M. Other Comments:

- \* Erosion conditions impacted by recent storms  
Conditions to wait for repair
- \* Flow thru front berm discovered to be a  
Corrugated iron pipe
- \* Temp Basin pumped down on West side  
East side evaporating to be pumped later

Auditor's Signature:   
Auditor's Printed Name: G. Walter Spear, Jr  
Management Signature:   
Management Printed Name: Daniel Coe  
Management Title: Operations Manager  
JSA Principal Signature: \_\_\_\_\_

Date: 4/24/2013  
Date: 4/24/2013  
Date: \_\_\_\_\_





**VEOLIA Emerald Park Landfill**  
**Action Items Checklist**  
**City of Muskego Audit**

Opened: 3/20/2012

Updated: 4/16/2012

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	3/20/2012	More than 1' of leachate head upon the liner of Phase 7	503.10(d)	ASAP	4/13/2012	24	Leachate ponding in new Cell, drained by pumping

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



Landfill direct soil stock pile, concrete exposed by rain



E-Cycling stock pile outside of collection box

***JSA*** *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212



Closure Area III repairs



Compactor active in working face



Active area, tipping location



Active area viewed from Phase 3



Active area



Cover conditions



Side slope conditions of Phase 7



Both temp sed basin



Eastern temp sed basin awaiting pumping



Repairs to the suction pipe for Temp Sed Basin pump.



Basin #2, draining well, though a great deal of sediment has been trapped in the basin for future cleaning



Basin #3 draining slowly due to a stuck gate