



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 05/30/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of May 20, 2013. The audit was performed at 12:00 pm on **May 22, 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 at west edge of Phase 7 receiving MSW & some contaminated concrete. Soils, small volume, being tipped in Phase 2 & 3
 - Autofluff & soils being used for cover
- Leachate being discharged MMSD and recirculating, temporary basin pumping into Phase 7
- No flare and one blower in operation,
 - Gas delivery during operating hours only
- Two storm events since last audit, ~1"
 - Rain event during audit, basins have plenty of freeboard
- Minor odors at active area
- No special waste handling noted
- Litter controlled by picking
- US 45 and 8 Mile Road clean, site roads gritty and wet
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date 5/18/2013
 - Some soil loads, new tipping of PCB contaminated concrete
- Residential drop off receiving about 500 cars per Saturday
- Temporary basins pumped dry and soils tested for contamination, rain flow waiting technicians to do welding
- Mobilization for excavation to begin at end of this week, beginning of next week
- Residential drop off likely to be relocated to construction entrance

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 May 24, 2013
 Auditor on site at: Open Close

TIME Noon

WEATHER Dreary, some rain & wet conditions

WIND 0-10
 N S E W

TEMP Maximum 63 °F Minimum 46 °F

B.P. 29.61

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face at West edge of Phase 7 receiving
M.S.W. & some contaminated concrete. Soils
(small volume) being tipped in Phase 2 & 3.



Cover Material:

Auto-Fluff & Soils being used for cover

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: Temp Basin pumping into Phase 7

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	0
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	0
Flare use since last audit	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#			cfm
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas delivery during operating hours only

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 event during Audit, Basins have plenty of freeboard

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor odors at active area

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"/>	#

Comments:

Litter controlled by picking

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 grt and wet

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"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						5/18/2013
Tonnage:						

Comments:

Some soil loads, new tipping of RB (atamibtr) concrete

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Resi-drop off receiving 500 cars per Saturday



M. Other Comments:

- * Temp Basin pumped dry and soils tested for contamination
- Rain flap awaiting technicians to do welding
- * Mobilization for excavation to begin end of this week, beginning of next week
- * Res. dropoff likely to be relocated to construction entrance

Auditor's Signature: [Signature] Date: 5/22/2013
Auditor's Printed Name: Ed - Walter Speer, Jr
Management Signature: [Signature] Date: 5/22/2013
Management Printed Name: David Cozier
Management Title: Ops Manager
JSA Principal Signature: _____ Date: _____



B. Excavations / Soil Management:

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: _____
Auditor's Printed Name: _____
Management Signature: _____
Management Printed Name: _____
Management Title: _____

Date: _____
Date: _____



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			All contact water is being treated as leachate and pumped back into Phase 7.

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



Landfill direct soils being excavated for use



Erosion repair in Closure Area III

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Erosion repair in Closure Area III



Erosion repair in Closure Area III



Erosion repair over pneumatic line installation



Elevation above Phase 7, viewed down on working face



Active compactor



Working face on Western most edge of Phase 7



Compost area and roll off storage



Compactor at top of slope above working face



Temp sed basin to the West



Temp sed basin, to the East