



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 02/25/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of March 18, 2013. The audit was performed at 2:33 pm on **March 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 still against Phase 6 & 3 junction in Northeast
 - Small soil volumes used in working face of Phase 7
 - Autofluff and C&D for cover
- Leachate discharge to MMSD
- One flare and one blower in operation, One shutdown since last audit
 - Vegetation recovering, flare destroying ~2000 cfm
- One storm events since last audit, ~1"
 - Additional snow, front pond frozen, Basins frozen at top
 - Temp basin pump down
- No odors noted
- No special waste handling noted
- Very little litter exposed from melting snow, 2 pickers active
- US 45 and 8 Mile Road clean with tracking on access road only
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date 3/22/2013, ~1200 tpd
- Bright sun conditions causing melt about site
- Gas building delivering to MMSD 10 – 12 hours per day currently, one shutdown for repair.
- Residential drop off in use, many customers during audit
- Bio soils sampling conducted this week and blower removed today for replacement

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



MEMORANDUM

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VEOLIA EMERALD PARK LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE March 22, 2013

TIME 2:35

Auditor on site at: Open Close

WEATHER Clear Sunny, less clouds

WIND ~ Nil

TEMP Maximum 38 °F Minimum 21 °F

B.P. 30.03

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor		✓				

A. Working Face Size and Location:

Working face still against Phase 6 & 3
junction, in Northeast corner of
Phase 7. Small soil volumes used
in working face of Phase 7



Cover Material:

Autofluff & C&D

B. Leachate Management:

Discharge to MMSP

C. Gas Monitoring and Management: Check appropriate box.

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

Comments:

Vegetation recovering

Flare destroying ~ 2,000 cfm

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	~ 1M
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Additional snow, front ponds frozen,

Basins frozen at top. Temp BASIN

Pumped down

E. Odor Control:

Odors Present:

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

No odors overall

F. Special Waste Handling: storage of fingerprint samples and testing procedures

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 exposed from melting snow
 very little exposed with active pickers

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

US45 & 8 Mile Road clean with tracking on access road only

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"/>	#	0
Random Load Inspection Dates:	3/22/2013			

Comments:

1/200 TPD

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		
3.		
4.		

Comments:



L. Other Comments:

- * Bright sun conditions causing melt about site.
- * Gas Building delivering to MMSD 10 to 12 hrs per day, currently down for repairs & flare on
- * Resi-drop of in use, many customers during Audit.
- * Bio soil sampling conducted this week and blower removed today for replacement

Auditor's Signature: [Signature] Date: 3/22/13
Auditor's Printed Name: John Walter Spear, Jr
Management Signature: [Signature] Date: 3-22-13
Management Printed Name: David Coeier
Management Title: Ops Manager
JSA Principal Signature: _____ 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**



Working face viewed from access road (Northeast)



Truck tipping at working face

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Dozer and compactor in working face



Temp sed pond, draining by pump with ice covering



Working face and compactor for frozen loads



South slope of Phase 7 and temp sed basin