



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 02/11/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of February 4, 2013. The audit was performed at 11:38 am on **February 8, 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 northeast corner of Phase 7, only working face during snow cover
 - Working face against slope allowing soil to be cut from slope for cover
 - Awaiting Autofluff today, new account provider, soils being used as well
- Leachate discharge to MMSD
- One flare and one blower in operation,
 - Flare running well, MMSD not taking receipt of gas yet
- One storm event since last audit, ~2"
 - Snow storm on 2/7 of approximately 8"
 - Site and basins snow covered, no flowing water
- No on or off site odors
- No special waste handling noted
- No litter on site, snow conditions reduce and cover litter
- US 45 and 8 Mile Road slushy, some ice and shoulders are snow covered
- Tipping scale camera and equipment operators inspecting waste
 - Random load date 02/08/2013, ~1200 tpd no soil jobs
- Snow limiting site access
- Ramp construction to begin after current lift is completed

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

VEOLIA EMERALD PARK LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE February 8, 2013 TIME 11:30
Auditor on site at: Open Close

WEATHER Overcast, But Bright WIND N-5

TEMP Maximum 20 °F Minimum 8 °F B.P. 30.2°

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	Grader		✓				
1	Dle		✓				

A. Working Face Size and Location:

Working face in Northeast corner of Phase 7, only working
face during snow cover. Working face against ↓
slope allowing soil to be cut from slope for cover



Cover Material:

Awaiting AutoFuel today, new Account Provider
Soil's being used as well

B. Leachate Management:

Discharge to WMSD

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			#	X/A
Shutdowns Since Last Audit:			#	0
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Flare running well - 11-15-18. Not having received
of gas yet

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	22"
-------------------------	---	---	-------------	-----

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

Snow storm on 2/2 of approximately 8" site
& basins snow covered. No flowing water

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

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

None



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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"/>	# 1

Comments:

Snow conditions reduce and cover litter

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 slushy, some ice, shoulders snow covered

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:	2/8/2013			

Comments:

~1,200 TPD, no soil jobs

J. Rejected Loads:

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

Comments:



L. Other Comments:

* Snow limits site access

* Ramp construction to begin after current lift complete

Auditor's Signature: _____

Date: 2/9/13

Auditor's Printed Name: _____

Management Signature: _____

Date: 2/8/13

Management Printed Name: _____

Management Title: _____

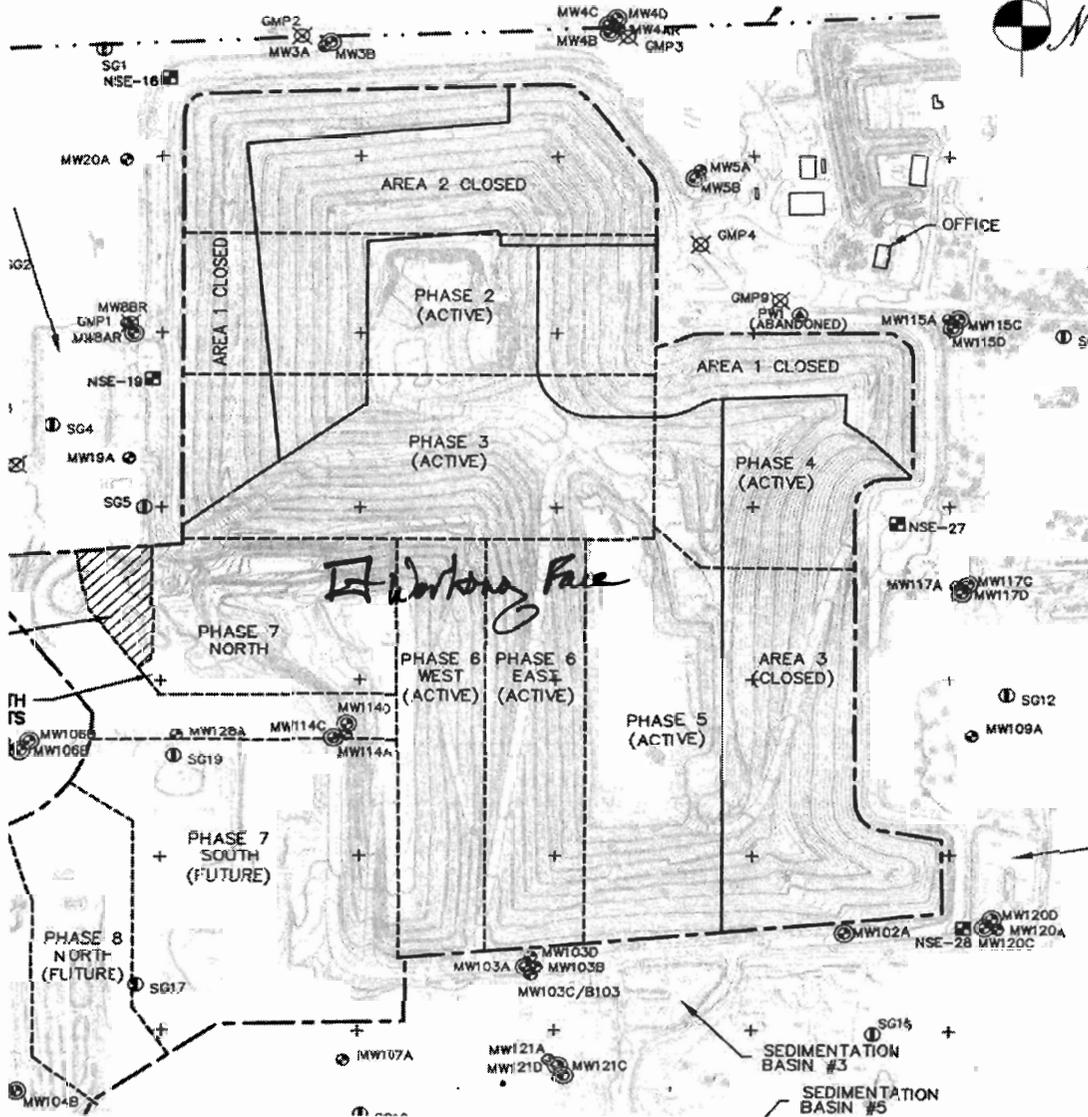
JSA Principal Signature: _____

Date: _____



VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




WWW.JSA-CIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

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

**VEOLIA EMERALD PARK LANDFILL
AUDIT PHOTOS
CITY OF MUSKEGO**

PROJECT NO. 1012.10030



Working face



Active area

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Soils being cut for cover and ramp construction



Compactor at working face



Daily cover over Active area



Temp sed basin snow covered and frozen