



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 11, 2013. The audit was performed at 11:25 am on **February 14, 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
 - Intermediate and daily cover in excellent condition
 - No soils this week, only MSW in Phase 7
 - Daily cover consists of soils and Autofluff, Autofluff supply low until 2/15
- Leachate discharge to MMSD; recirculation on 2/11 & 12 from Future Parkland and surface water 13K gallons
- One flare and one blower in operation,
 - Flare running well, MMSD not taking receipt of gas yet
- Three storm events since last audit, ~2"
 - Rain events and snow since 2/9/13, rain on and off during audit
 - Snow melt continuing as well
 - Site and basins snow covered, no flowing water
- No on or off site odors
- No special waste handling noted
- Minor litter about working face, 2 pickers active
- US 45 and 8 Mile Road clean, no tracking
- Tipping scale camera and equipment operators inspecting waste
 - Random load date 2/9/13, ~1300 tpd no soil jobs
- Minor rills at toe of slope for Closure Area III & Phase 3 south slope
- Temporary sediment basins appear to have hydraulic connection to leachate collection. Will watch for thawing.
- Temporary sediment basin pumping ongoing with pump issues; tankers used when necessary

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 14, 2013
 Auditor on site at: Open Close

TIME 11:25

WEATHER Overcast, Some Sun, Wet

WIND S. 5-15

TEMP Maximum 36 °F Minimum 19 °F

B.P. 29.59

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Northeast corner of Phase 7
Intermediate cover & Daily in excellent
condition. No soils this week only dmsw
in Phase 7



Cover Material:

Daily cover consists of soils & Autoglass
stuff supply low until 2/15

B. Leachate Management:

Discharge to MMSD
Recirculation 2/11 & 12 from Future Parkland. Two surface water storage

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	# N/A			
Shutdowns Since Last Audit:	# 2/11			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD still not receiving LFG
High winds caused shutdown

D. Surface Water Management:

Storm Events Since Last	# 3	Est. Volume	~2"
-------------------------	-----	-------------	-----

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

Rain events and snow since 2/9/2013, rain on/off during audit
Snow melt occurring as well

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 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:

Minor litter about working face

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

Units @ 8 Mile Road clear no tracking

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#
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:	2/7/13				

Comments:

~ 1,200 TPD of MSW Only

J. Rejected Loads:

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

Comments:

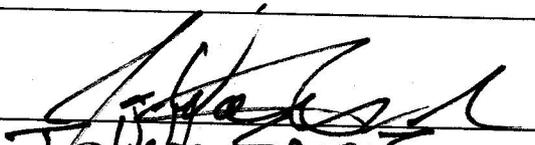
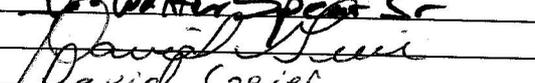


L. Other Comments:

* Minor rills at toe of slopes for Closure Area II
& Phase 3 South Slope

* Temp sed basin appears to have hydraulic
connection to leachate collection. Will watch
for thruway

* Temp sed basin pumping ongoing with
pump issues, Tankers used when necessary

Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear Sr.
Management Signature: 
Management Printed Name: David Coe
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 2/14/13
Date: 2-14-13
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

**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



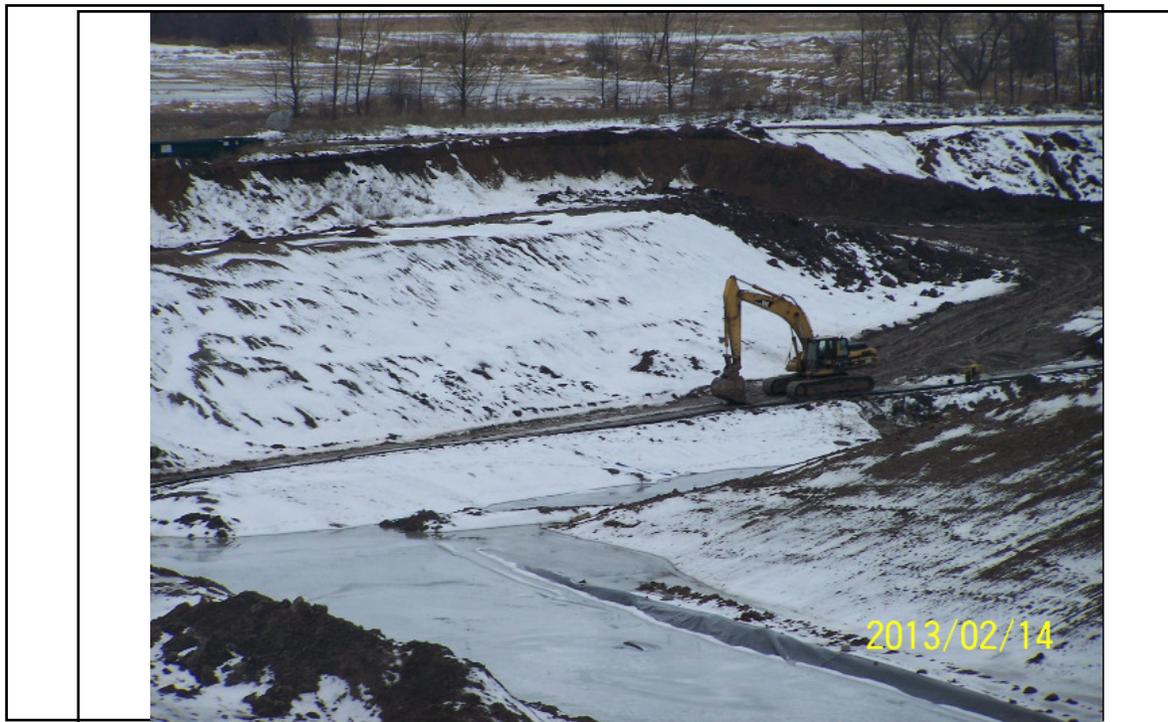
Temp sed basin, possibly hydraulically connected to leachate collection system of Phase 7, will watch when thawing.



Temp sed basin East of equipment access to phase 7. Received additional runoff and needs to be pumped and scrapped for NON



Temp sed basin West of equipment access to Phase 7



Operators working to clear pumping pipe of ice and other debris to drain temp sed basin under ice