



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 11, 2013. The audit was performed at 11:25 am on **March 12, 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 at top of access road
 - Conditions too wet to come in from below
 - No soils or other working faces
 - Foundry sands and soils to date for cover, Autofluff picking back up
- Leachate discharge to MMSD
- One flare and one blower in operation,
 - No flow to MMSD as yet
- Three storm events since last audit, ~2"
 - Snow and Rainfall since last audit, sunny conditions causing melt
 - Basins have at least 1' of free board
- No odors noted
- No special waste handling noted
- Some litter under snow exposed during melt, no pickers noted
- US 45 and 8 Mile Road clean; site roads wet from melt with some grit
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date 3/9/2013, ~1300 tpd no soils
- Basin volumes up with rains, Temporary basins being drained with pumps
- Access roads to working face for being changed; ramps being removed and added

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 March 12, 2013
Auditor on site at: Open Close

TIME 11:25

WEATHER Clearing, Sunny Possible Snow

WIND SOUTH 0-5

TEMP Maximum 32 °F Minimum 18 °F

B.P. 29.83

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	Haul truck						

A. Working Face Size and Location:

Working face in Northeast corner of Phase 7
at top of access road. Conditions too wet
to come in from below. No soils or
other working faces



Cover Material:

Foundry sands & Soils to date Autofluff picking
back up

B. Leachate Management:

Discharge leachate to MMSD

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	#	NA				
Shutdowns Since Last Audit:	#	None				
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>
					Dead	<input type="checkbox"/>

Comments:

No flow to MMSD As of yet

D. Surface Water Management:

Storm Events Since Last	# 3	Est. Volume	214
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow & Rainfall since last audit, sunny conditions
causing melt. Basins have at least 1' of freeboard.

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No offsite or onsite 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"/>	#

Comments:

Some litter under snow exposed during melt

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 & B Mile Road Clear Site roads wet from Melt and some grit

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:	3/9/2013					

Comments:

~ 1,300 TPD NO soils

J. Rejected Loads:

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

Comments:



L. Other Comments:

* Basins Volumes up with rainwater, Temp Basin
however drained by pumps.
* Access roads to working face being changed
ramps being removed & added.

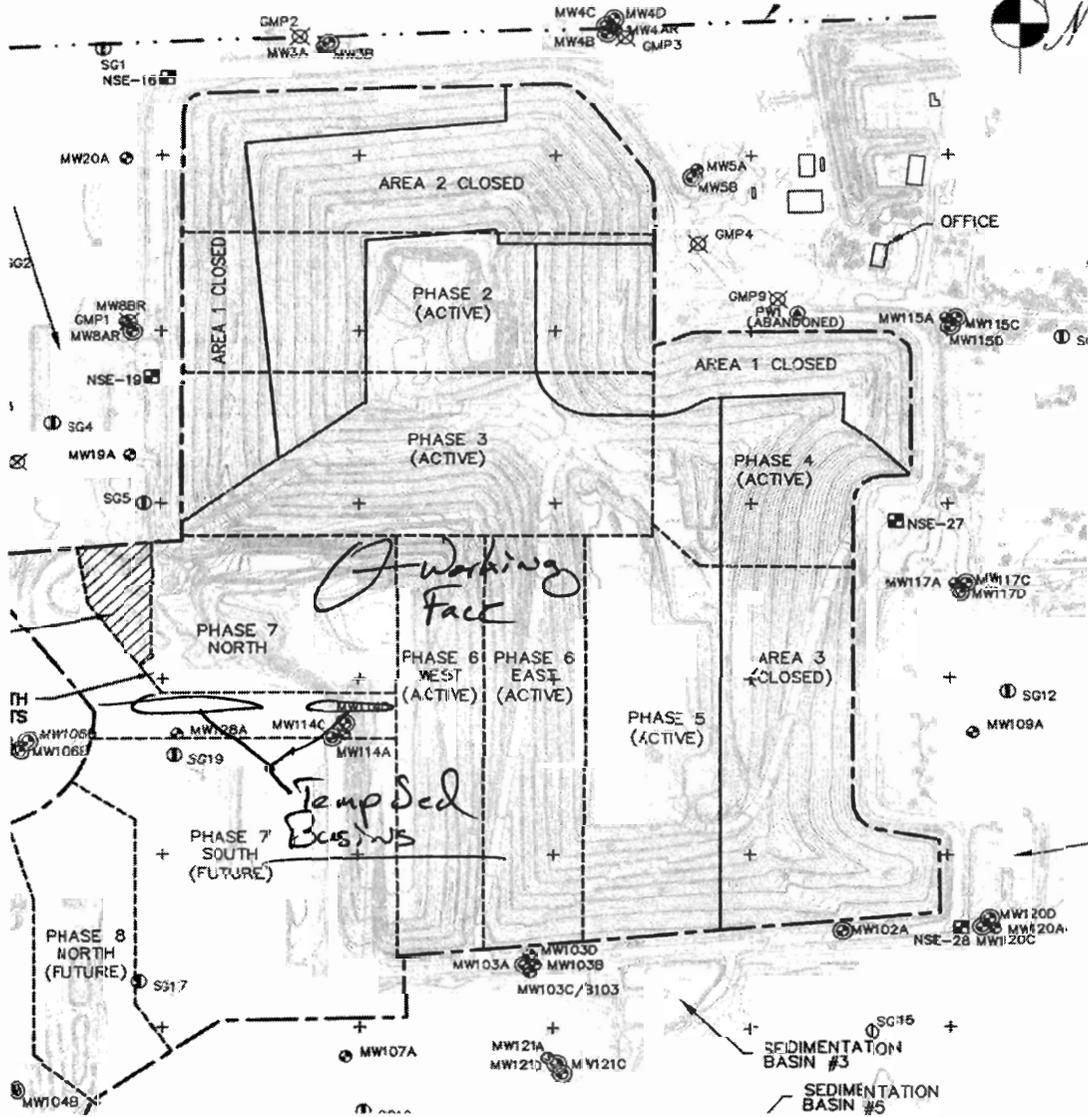
Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Spear, Jr
Management Signature: [Signature]
Management Printed Name: David Coe
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 3/12/2013
Date: 3/12/2013
Date: _____



VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030




JSA
 WWW.JSACIVIL.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



Drainage ways being cleaned on South edge of Phase 5 & 6



Basin with capacity, but elevations are up

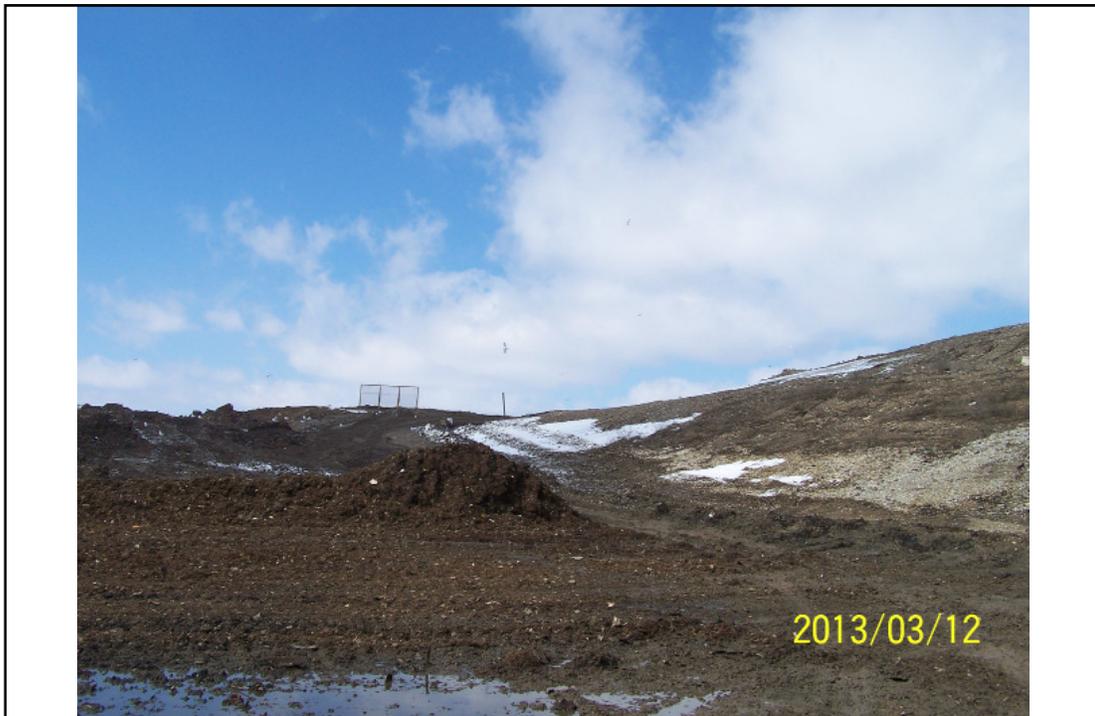
JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Autofluff stockpiled above - North of Phase 7



Access to Phase 1-3



Tipping viewed from West



Active area



Temp sed basins



Working face, viewed from South



Dozer moving cover



Drainage basin, top frozen only, receiving melt water