



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 February 25, 2013. The audit was performed at 12:03 pm on **February 26, 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 moving up against access road to wrap & start new lift in Phase 7
 - Bio soils being received by Phase 2 & 3
 - C & D being stockpiled on North edge of Phase 8 to be used for traffic areas
 - Previously tipped soil and sands for daily cover
- Leachate discharge to MMSD
- One flare and one blower in operation,
 - MMSD not receiving yet
- Two storm events since last audit, ~1"
 - Basins have freeboard; melt exposing erosion damage and silt in ditches
- Minor odor south of active area
- No special waste handling noted
- Litter noted south of active area, 2 pickers active
- US 45 and 8 Mile Road and site roads wet
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspected on 2/22/2013, ~1200 tpd
- Autofluff down, most cover has been soils from slope above Phase 8
- Temporary sediment basins frozen and frozen water at base of Phase 6

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 26, 2013 TIME 12:03
Auditor on site at: Open Close

WEATHER Overcast, High Clouds Per Snow WIND N 15-25 Gusts to

TEMP Maximum 36 °F Minimum 30 °F B.P. 29.88

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

A. Working Face Size and Location:

Working face moving up against access road
to wrap & start new lift in Phase 1. Bio
Soils being reviewed for Phase 2 & 3.
C&D being stockpiled on North Edge of
Phase 1 to be used for traffic access.



Cover Material:

Previously tipped soil & Sand

B. Leachate Management:

Discharge 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:	#			
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD Not receiving yet

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	~10
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins have freeboard. Melt exposed erosion damage & silt in ditches

E. Odor Control:

Odors Present:

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

Minor odor South of Active Area

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 South of Active Area

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 & White site roads wet

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:	<i>2/22/2013</i>					

Comments:

~ 4,00 YPD

J. Rejected Loads:

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

Comments:



L. Other Comments:

* Autocluff down, most cover has been
soils from Slope Above Phase 8

* Temp sed basins frozen, & frozen water
at base of Phase 6

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 2/26/13

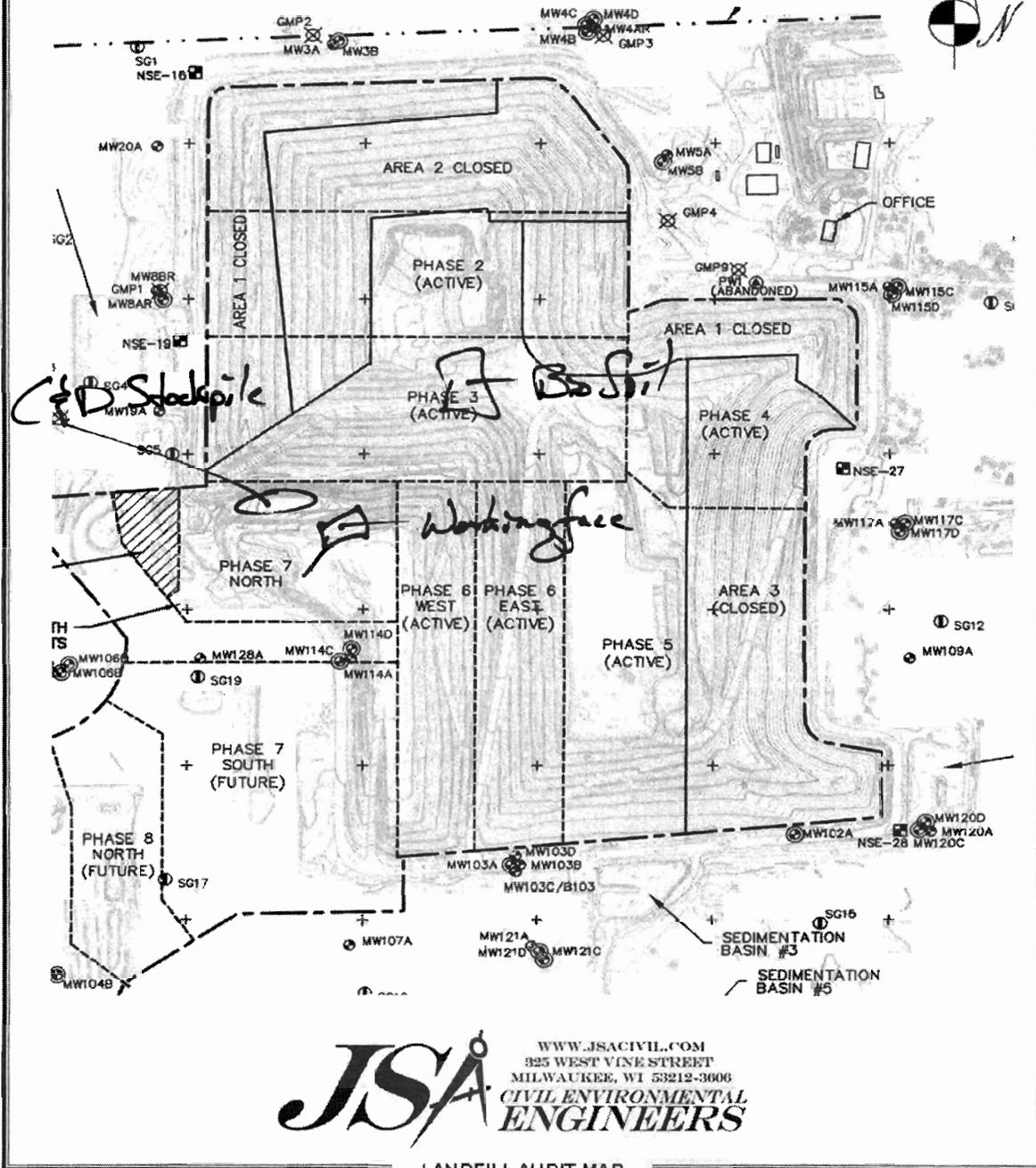
Date: 2/26/13

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



Working face viewed from the South



Working face viewed from East

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Working face



Working face with stockpiled C&D waste beyond



Active area



Temp Sed Basin