



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 01/05/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of January 14, 2013. The audit was performed at 2:07 pm on **January 16, 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 approaching southeast corner of Phase 7
 - Receiving MSW and small volume soils
 - Previous cover in excellent condition
 - Autofluff and soils from previously tipped DD soils for cover
- Discharge to MMSD
- One flare and one blower in operation,
 - Gas line charged but not in use; MMSD not ready for gas
 - Glycol system has some heat issues
- One storm event since last audit, ~1"
 - Snow event and very cold conditions; basins and surface water frozen
- No off site odors; odors downwind of active area on site
- No special waste handling noted
- Litter present onsite, 2 pickers active
 - Windy conditions require 4 pickers for 1/17; litter in fences and perimeter
- US 45 cleaned recently by sweeper, including turn lanes
 - 8 Mile Road clean, site roads gritty and dry
- Tipping scale camera and equipment operators inspecting waste
 - Random load date 01/14/2013, ~1200tpd
 - Bio soils & special waste
- New Autofluff supply starting, ~1 load per week
- Blower removed from gas building for repairs
- D6 dozer has broken track
- New gate being installed in compost area
- Temp basins pumping system repaired and actively pumping down

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 January 16, 2013 TIME 2:07
Auditor on site at: Open Close

WEATHER Overcast, brisk, low humidity WIND SW - 20-35

TEMP Maximum 32 °F Minimum 23 °F B.P. 27.78

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	Backhoe		✓				
1	Dozer	✓					
1	Compactor		✓				

A. Working Face Size and Location:

Working face is approaching Southeast corner
of Phase 7. Receiving MSW and small volume
soils. Previous cover in excellent condition



Cover Material:

Auto fluff & soils from previously tipped
DD Soils

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:

Gas line changed, but not in use. MMSD Not ready for gas
Glycol system has some heat issues

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	2 1/2"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow event, very cold condition
Basins & Surface water frozen

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No off site odors, onsite odors downwind of Intake 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:

Windy conditions require 4 pickers for 1/17
Litter in fences & Perimeter

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

USHS cleaned recently by sweeper, turn lane
gritty, 8 Mile Rd. Clean.
Site roads gritty & dry

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:		1/15/13				

Comments:

~ 1,200 TPD soils & special wastes down
Bio soils expected for next week

J. Rejected Loads:

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

Comments:



L. Other Comments:

- * New Autocluff supply starting, ~1 load per week.
- * Blower removed from Gas Building for repairs
- * D6 Dozer has broken track
- * New gate being installed in Compost Area
- * ~~Be~~ Temp Basin Pump system repaired and actively pumping down

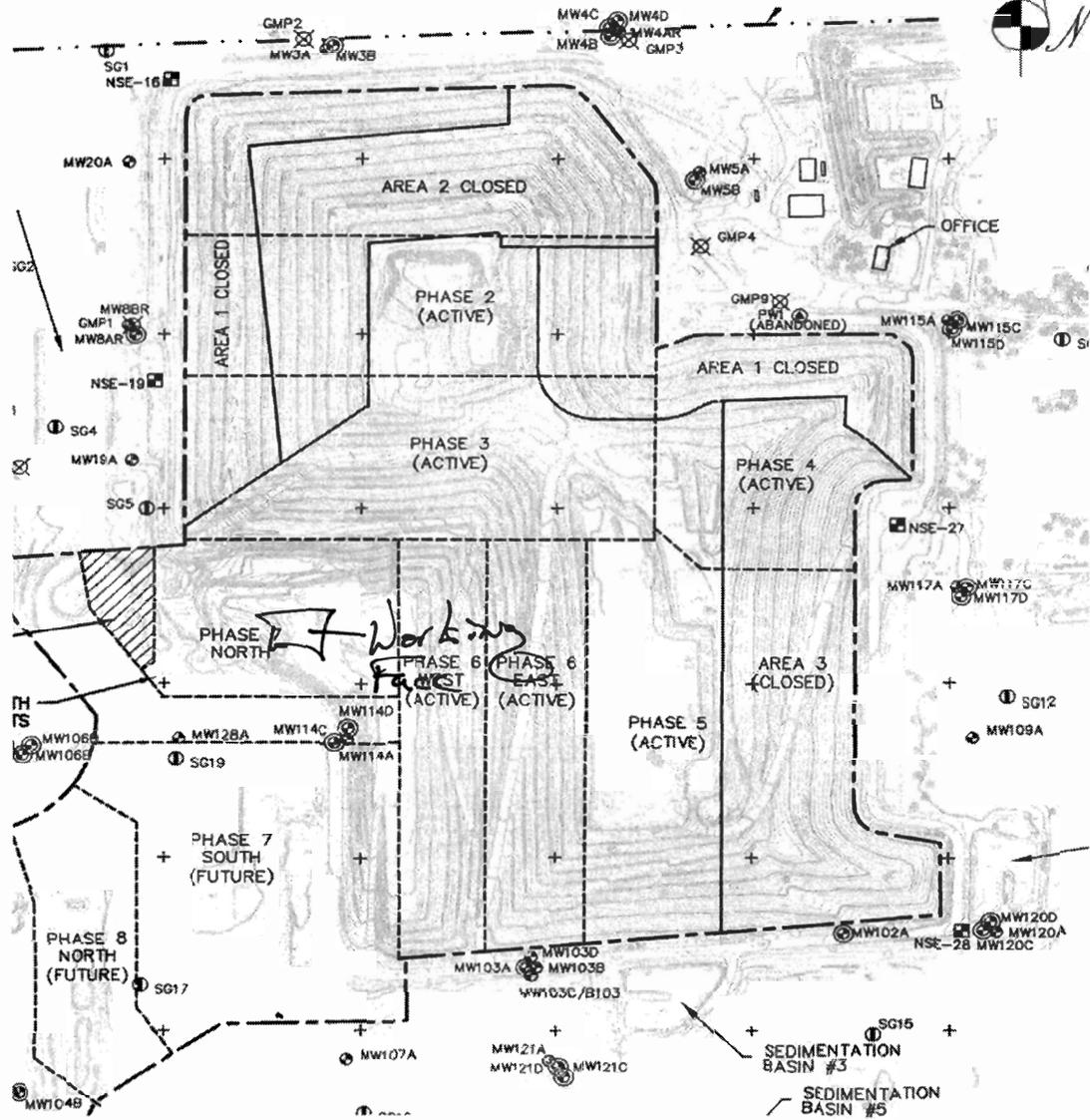
Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Spear, Jr
Management Signature: [Signature]
Management Printed Name: David Geier
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 1/16/13
Date: 1-16-13
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



Previously tipped soils being cut and used for intermediate cover



Active area

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Compactor in action



D6 Dozer with broken track



Excavator digging out frozen loads while backhoe is in for repairs



Basin being drained by pump, surface only is frozen



Uprights for new gate into Compost area from the South