



## MEMORANDUM

# VEOLIA Emerald Park Landfill Audit Summary

**TO:** Veolia Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Anna Krajcik  
**COPIES:** File  
**DATE:** 01/30/13  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of January 28, 2013. The audit was performed at 1:45 pm on **February 1, 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 for MSW in Phase 7 Northeast corner
  - New access ramp in southeast corner as well
  - Biosoils being received in Phase 2 & 3
  - Autofluff in use for cover, previous covers of soil
- Leachate discharge to MMSD
- One flare and one blower in operation,
  - Currently not pushing gas to MMSD
- Three storm events since last audit, ~3"
  - Minor snowfall this week, heavy rains over weekend 1/28 causing runoff to enter temporary sediment pond.
- No on or off site odors
- No special waste handling noted
- Minor litter on site, heaver in fences, one picker active
- US 45 and 8 Mile Road clean
  - Left turn lanes have ice and debris, side roads dusty
- Tipping scale camera and equipment operators inspecting waste
  - Random load date 02/01/2013, ~1300 tpd
- Temp sediment basin cleanup ongoing
  - frozen conditions slowed liquids removal, no threat to the public
  - Temp sediment basin impacted in the eastern most and is not hydraulically connected to larger basin
- Current lift finishing in tight areas, new ramps will be in construction and removed as lift continues.

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

91.  
919.

VEOLIA EMERALD PARK LANDFILL  
LANDFILL OPERATIONS AUDIT FORM  
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE February 1, 2013 TIME 1:45 PM  
Auditor on site at:  Open  Close

WEATHER Clear skies frigid WIND S. 10-25

TEMP Maximum 2 °F Minimum -17 °F B.P. 30.28

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 for MSW in Phase 7 Northwest  
corner. New access ramp in Southeast  
corner.

Bro Soils being received in Phase 2 1/3



Cover Material:

Auto-luff in use for cover, previous covers of soil

B. Leachate Management:

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

Comments:

Currently not pushing gas to MMSD

D. Surface Water Management:

Storm Events Since Last	# 3	Est. Volume	2.8"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Minor snowfall this week, heavy rains over weekend 1/1/18 causing runoff to enter temped pond.

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: No odors on or off site

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"/>	# 1

Comments:

Misc litter on site, heavier infenses

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

US45 & 8 Mile clean, left turn lanes have ice and debris, side roads dusty

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:	2/1/2013			

Comments:

2/1,300 TPD

J. Rejected Loads:

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

Comments:



L. Other Comments:

\* Temp sed basin cleanup ongoing. frozen conditions slowed liquids removal, No threat to public. Temp Sed basin impacted is the Eastern most, Not hydraulically connected to larger basins.

\* Current lift finishing in tight areas new ramps will be in construction and removal as lifts continue

Auditor's Signature: \_\_\_\_\_

Auditor's Printed Name: \_\_\_\_\_

Management Signature: \_\_\_\_\_

Management Printed Name: \_\_\_\_\_

Management Title: \_\_\_\_\_

JSA Principal Signature: \_\_\_\_\_

Date: 2/1/2013

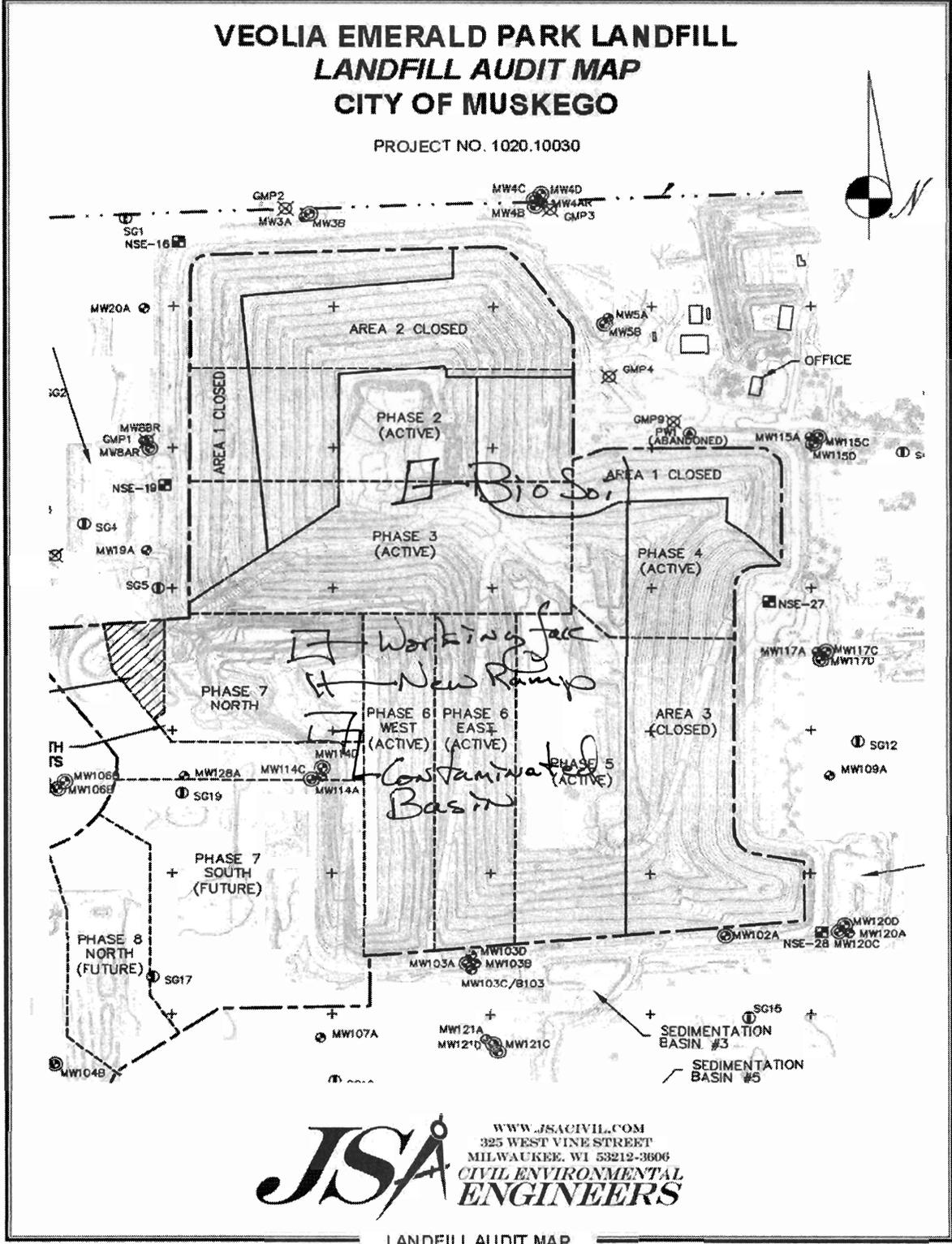
Date: 2/1/2013

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



January 31, 2013

File Ref: FID 268244130  
Waukesha Co.  
SW Corr.

Mr. Jay Warzinski  
Advanced Disposal Services Emerald Park Landfill, LLC  
W124 S10629 South 124th Street  
Muskego, WI 53150

Subject: NOTICE OF NONCOMPLIANCE  
Advanced Disposal Services Emerald Park Landfill (License #3290)

Dear Mr. Warzinski:

On January 29, 2013, Advanced Disposal left messages with the Department of contact water being released into an unlined area south of Phase 7 North. It appears that the landfill is in violation of state solid waste management regulations and your June 9, 2011 plan of operation.

Section NR 506.07(5)(b), Wis. Adm. Code states that any liquid which comes in contact with waste or accumulates in a portion of the landfill where active waste disposal operations are occurring shall be handled as leachate and properly treated.

On January 30, 2013, Jay Warzinski notified the Department of a release that occurred on January 29, 2013 into an unlined area south of Phase 7 North and east of Phase 6. He explained that surface water had ponded in the Phase 7 North active area and was causing problems with the waste hauling trucks. The contact water/leachate was directed to the southeast corner of the phase and it flowed into an unlined area. After the problem was identified, the leachate was pumped from the unlined area into the leachate collection system. Advanced Disposal has proposed to remove any contaminated or stained soil and will test the exposed soil for metals that appear in the leachate to confirm that all impacted soil has been removed. After the liquid and contaminated soil has been removed, Advanced Disposal will repair the area.

Please remove the leachate and contaminated soil from the unlined area as soon as possible and submit the following information to the Department by February 15, 2013:

1. Explain the circumstances that led to contact water being released to unlined areas.
2. The amount of contact water removed from the unlined area and how it was handled.
3. Determine, in cubic yards, the volume of contaminated soil needed to be removed.
4. Provide photo and written documentation of removal of all impacted soil.
5. Provide the soil test results from the soil exposed after the contaminated soil has been removed from the affected area.
6. Explain, in detail, how Advanced Disposal will prevent this situation from happening in the future.

Based on the information submitted by Advanced Disposal, the Department may require further investigation and/or remediation.

The Department considers this non-compliance to be serious. The self-reporting and immediate actions taken by Advanced Disposal personnel to limit the impacts of the leachate release, as well as Advanced Disposal's cooperation in this matter were important considerations in the Department's enforcement response decision.

If you have any questions regarding this letter please feel free to contact me at (608) 743-4845.

Sincerely,

A handwritten signature in black ink that reads "Ann Bekta". The signature is written in a cursive, flowing style.

Ann Bekta, P.E.  
Waste Management Engineer  
South Central Region

cc: Frank Schultz- SER  
Joe Lourigan - Sturtevant

**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



Bio soils being received in Phase 3



Working face against junction with Phase 3

***JSA*** *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212



Ramp to active area



New access ramp in Southeast corner.



Waste packed inplace, prior to cover



West temp. sed. basin contaminated with leachate, but not hydraulically connected to anything. Cleaned by pumper trucks and excavator.



Western temp sed basin, nearly full, but not contaminated with leachate



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