



## 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

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Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of March 25, 2013. The audit was performed at 11:30 am on **March 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 progressing from Northeast corner
  - Access ramp being removed from lower end, new access from top where active area meets road grade
  - No soil loads or other working faces
  - Autofluff and C&D stockpiled
- Leachate discharge to MMSD
- One flare and one blower in operation,
  - Gas building not able to deliver gas to MMSD
- One storm events since last audit, ~1"
  - Snow with no accumulation, temporary sediment basin drained, all basin surfaces frozen
- No on or off site odors
- No special waste handling noted
- Minor litter on site, Litter around active area at base of south slope
- US 45 and 8 Mile Road clean, site roads muddy
- Tipping scale camera and equipment operators inspecting waste
  - Random load inspection date 3/23/2013, ~1300 tpd
  - Possible soil loads next week
- Residential Drop-Off clean, E-Waste box available
- Ramp deconstruction and new construction in Phase 7
- Ramp being deconstructed to improve leachate flow
- Roads to be regarded today and ditch cleaning to commence

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

ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL  
 LANDFILL OPERATIONS AUDIT FORM  
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE March 26, 2013  
 Auditor on site at: Open  Close

TIME 11:30

WEATHER Cloudy, brightening, snow

WIND N 5-10 S E W

TEMP Maximum 38 °F Minimum 25 °F

B.P. 30.14

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face progressing from Northeast corner. Access ramp being removed from lower end, new access from top where active area meets road grade. No soil loads or other working faces.



Cover Material:

Autoglyf & CTD stockpiled

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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Phases:

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:		#	1					
Flow to MMSD:		#	0	cfm				
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input checked="" type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Gas Building not able to deliver gas to MMSD

D. Surface Water Management:

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

snow with no accumulation

Temp Sed Basin drained, all basins surface frozen

E. Odor Control:

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

No odors

F. Liquid Loads Received:

0 this week



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 type="checkbox"/>	NO <input type="checkbox"/>	#

Comments:

Litter about Active area at base of South slope

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 & Mile Road clean, site roads muddy

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:	3/23/2013			

Comments:

~ 1,300 TPD - Possible soil loads next week

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Off: Open During Audit  Open During Audit

clean, E-Waste box



M. Other Comments:

\* Ramp deconstruction & new construction  
in Phase 7. Ramp removal to prevent  
leaches & material used for cover  
\* Red Roads to be regraded today and  
ditch cleaning to commence

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

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

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

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

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

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

Date: 3/26/2013

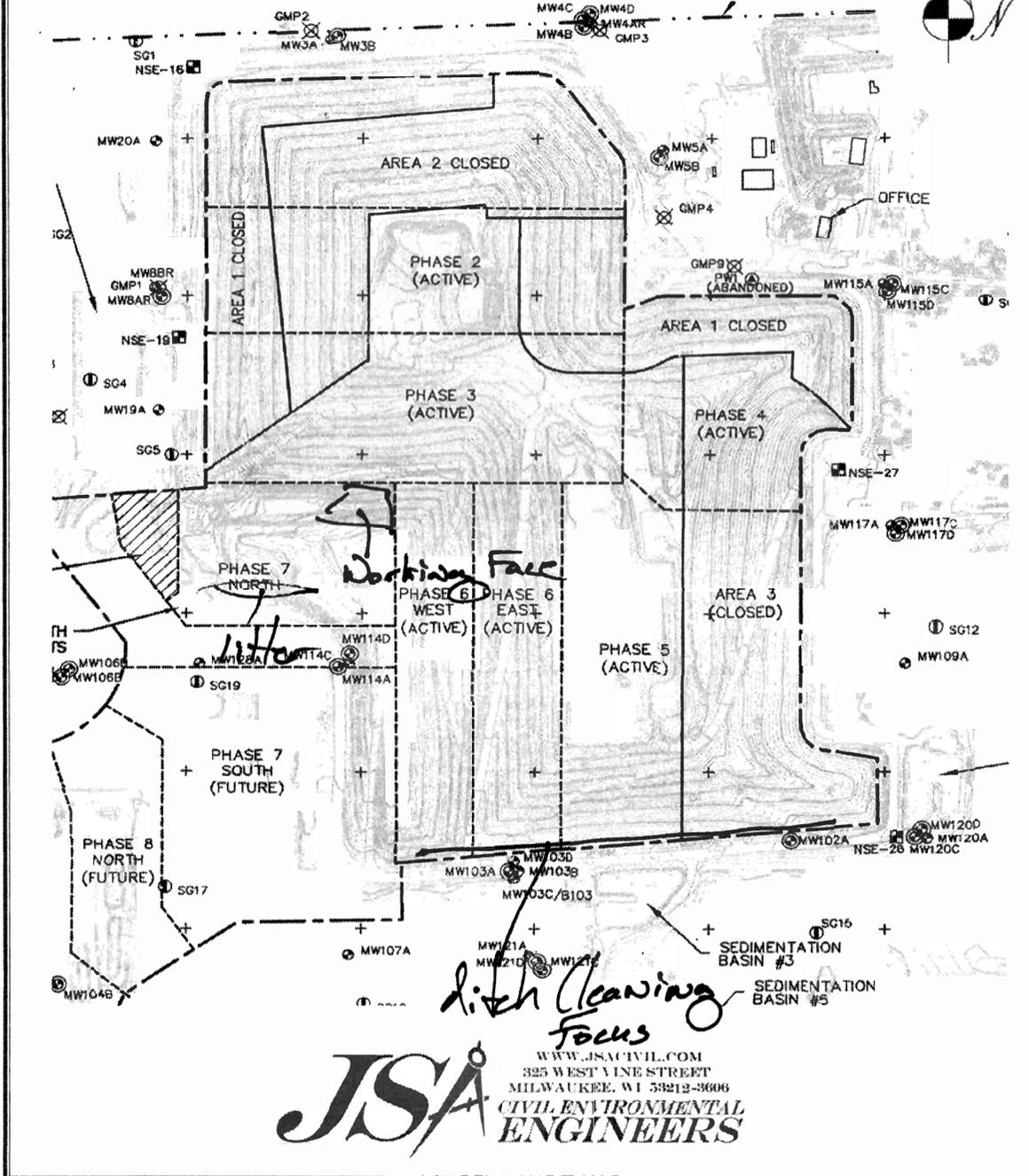
Date: 3/26/13

Date: \_\_\_\_\_



# VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030



LANDFILL AUDIT MAP


**JSA**  
 WWW.JSACIVIL.COM  
 325 WEST VINE STREET  
 MILWAUKEE, WI 53212-3606  
 CIVIL ENVIRONMENTAL  
 ENGINEERS



February 28, 2013

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

FID#: 268244130  
Waukesha Co.  
SW Approval

Subject: Expedited Plan Modification for Baseline Monitoring at Private Wells for the Advanced Disposal Services Emerald Park Landfill, LLC, License # 3290

Dear Mr. Warzinski:

The Department received an expedited plan modification request on February 13, 2013 from Cornerstone Environmental Group, LLC on behalf of Advanced Disposal Services, LLC, dated February 8, 2013, requesting an extension to the baseline monitoring schedule for the private water supply wells located on Union Church Drive, which are located within 1,200 ft of the approved limits of waste and which were granted a ch. NR 812, Wis. Adm. Code landfill locational variance. This includes the private wells named PW-B, PW-C, PW-D, PW-E, PW-F, PW-G, PW-H, PW-I, PW-K and PW-L.

The table attached to the February 8, 2013 expedited plan modification request shows the private wells to be sampled, the analytical parameters and the baseline monitoring schedule. We understand that at least three attempts will be made to contact the well owners to obtain permission to collect the samples. If collecting all four sample rounds at a well is delayed because of a missed sampling round, due to not having permission or access to sample the private well, then that will automatically extend the sampling schedule for that well. If three attempts to contact a well owner fails or if the well owner refuses to grant permission to sample the well, then that private well will not be sampled.

In order to help the well owners plan, we suggest scheduling all four rounds with the well owners in advance and sending post card reminders out about one week before each sampling date. At least one of the attempts to contact a well owner/user should be a letter sent to the address of the well in question, with a 15 days response window. We also believe there should be at least a one week time interval between contact attempts to ensure that someone who's on vacation for a week doesn't get dropped from the list.

This letter is an acknowledgment of your request for an expedited plan modification and notice that the department does not object to your request. Please follow your request as proposed, as it is now part of your plan of operation approval.

The review for the expedited plan modification was under ss. NR 514.09(1)(a) 10, Wis. Adm. Code, which allow expedited plan modifications for:

10. Except as provided under par. (b), other modifications determined by the Department to pose low potential risk of adverse impacts on public health or the environment.



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Scott Walker, Governor  
Cathy Stepp, Secretary  
Eric Nitschke, Regional Director

Southeast Region Air Program, Sturtevant  
Service Center  
9531 Rayne Road  
Suite 4  
Sturtevant, Wisconsin 53177  
Telephone 262-884-2300  
Fax 262-884-2306

May 25, 2012

FILE CODE: 4560  
FID NO.: 268244130  
CONSTRUCTION PERMIT NO.: 12-RSG-053  
OPERATION PERMIT NO.: 268244130-P12

Mr. Jay Warzinski  
Senior Regional Engineer  
Veolia ES Emerald Park Landfill  
W124 S10629 S 124<sup>th</sup> Street  
Muskego, WI 53150

Dear Mr. Warzinski:

The Air Management Program of the Department of Natural Resources has published a public notice requesting comments on the air pollution control permit application regarding the significant revision of operation permit 268244130-P11 for an existing municipal solid waste landfill located in Muskego, Wisconsin.

The Southeast Region Air Program, Sturtevant Service Center has prepared a proposed permit after considering any comments received during the 30 day public comment period. No public comments were received during public comment period. Code of Federal Regulations (CFR) citations corresponding to ch. NR 440, Wis. Adm. Code citations in section I.B of draft permit were added to section I.B of the proposed permit.

The proposed permit will be sent to the United States Environmental Protection Agency (US EPA) for a 45-day review period. A 15-day concurrent review will be requested. Any person may petition the US EPA under 40 CFR Part 70.8(d) within 60 days after the expiration of the 45-day review period to make an objection to the permit. Unless the US EPA objects in writing to the issuance of the permit as proposed within that 45-day period, the Department will issue the final permit as proposed.

If you have any questions regarding this matter, please feel free to contact me at (262) 884-2339.

Sincerely,

Ruhun Goonewardena  
Air Management Engineer

cc: Andy Stewart – AM/7

Enclosure

**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

**ADVANCED DISPOSAL SERVICES  
EMERALD PARK LANDFILL  
AUDIT PHOTOS  
CITY OF MUSKEGO**



Working face viewed from access road (Northeast)



Autofluff stockpiles adjacent to working face

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

Environmental Engineers

325 West Vine Street  
Milwaukee, Wisconsin 53212



Compactor pushing waste down



Ramp removal



Temp sed basin at toe of Phase 7 South slope



Ramp/road into active area being removed to prevent lense development