



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 04/03/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of April 8, 2013. The audit was performed at 2:10 pm on **April 10, 2013** by Jo Spear Jr. in the presence of Dean Driggett.

The following conditions were noted during this Audit of the VEPL Facility:

- Workface moving westward across Phase 7 located roughly in the middle and along the north edge
 - No other working faces in operation today.
 - Soils and specials tipped in Phase 7, Autofluff in abundance for daily cover
- Leachate discharge to MMSD
- One flare and one blower in operation,
 - 2 shutdowns since last audit, flow to MMSD at 1850cfm
 - Vegetation in fair condition, minor shutdown for reboot
- Three storm events since last audit, ~3"
 - Basins nearly full, erosion damage present
- No on or off site odors
- Very few liquid loads received
- Litter present from snow melt & in storm water system, 2 pickers active
- US 45 and 8 Mile Road clean, site roads muddy and tracked
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date not noted, ~1300 tpd
- Severe erosion at downslope flume in Closure Area III, repairs can't be done until dry.
- Rill mapping to be done in future audit

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 April 10, 2013
 Auditor on site at: Open Close

TIME 2:10

WEATHER Overcast & raining

WIND S-15
 N S E W

TEMP Maximum 39 °F Minimum 37 °F

B.P. 30.01

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face moving westward across Phase 7
located roughly in the middle & along the north
edge. No other working faces in operation
today. Softs & Specials tipped in Phase 7



Cover Material:

Autofill in abundance

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 type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# Self regulated			
Shutdowns Since Last Audit:	# 2			
Flow to MMSD:	# 1850 cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Minor shutdowns for reboots

D. Surface Water Management:

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

Basins nearly full, erosion damage present

E. Odor Control:

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

No odors

F. Liquid Loads Received:

Very few



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 present from snow melt & is Storm water System

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

*0.1 mile 1/2 USHS Clear
Site Roads muddy & tracked*

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	

Random Load Inspection Dates:

Tenning

Comments:

1,200 TSD

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>NONE</i>
2.		

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



M. Other Comments:

* Severe erosion at Downslope flume is close
Area III, repairs can't be done til dry
Ril mapping to be done in future audit

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 4/10/2013

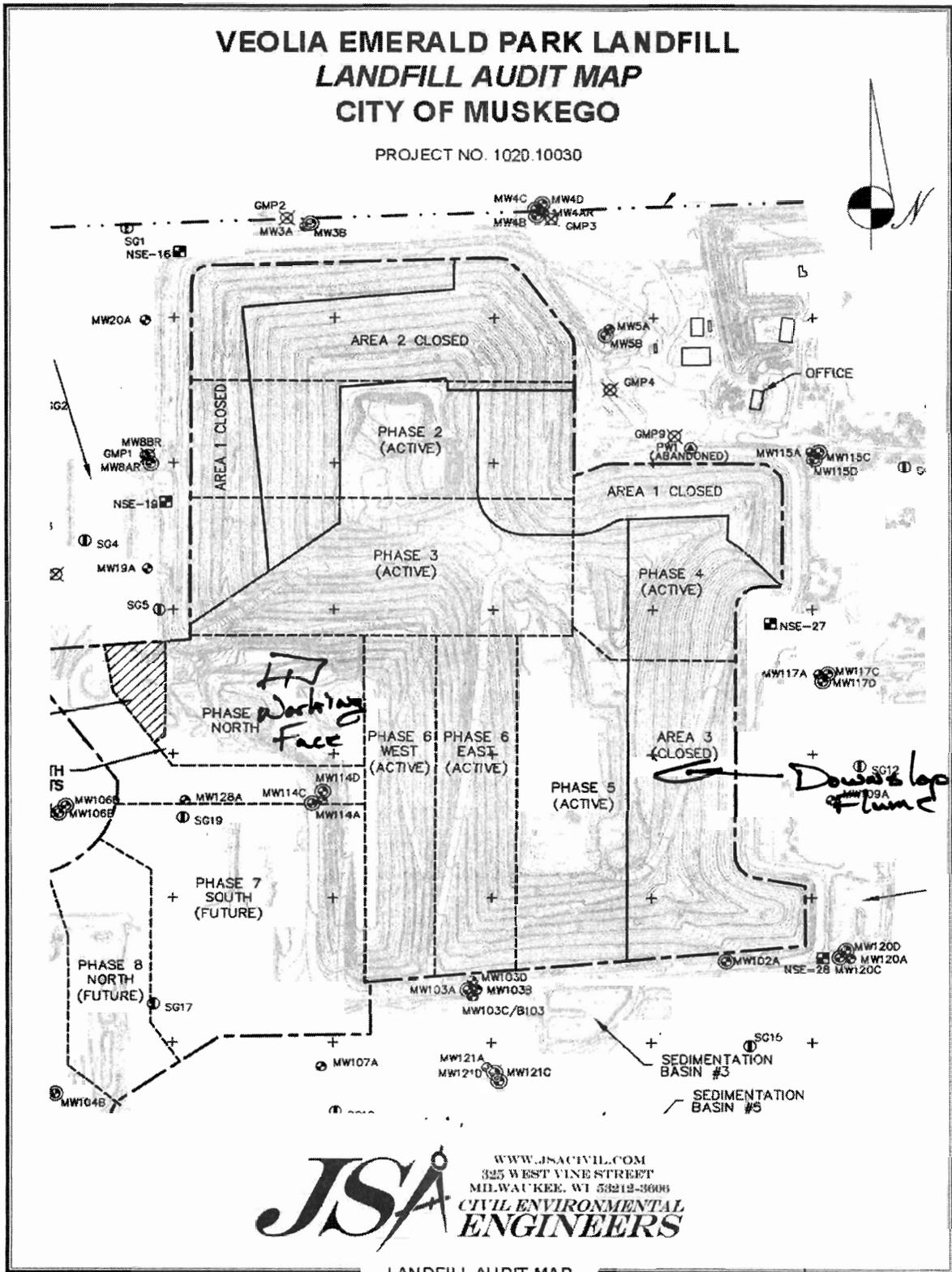
Date: 4/10/2013

Date: _____



VEOLIA EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




JSA
 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

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



Basin 3



Basin 2

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Temp sed basin, pumped down between storm events



Previous area of road and ramp



South slope of Phase 7 in good condition after rain fall



Working face moving West across Phase 7