



MEMORANDUM

VEOLIA Emerald Park Landfill Audit Summary

TO: Veolia Emerald Park Landfill Standing Committee, City of Muskego
FROM: Anna Krajcik
COPIES: File
DATE: 05/30/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the Veolia Emerald Park Landfill for the week of May 27, 2013. The audit was performed at 3:20 pm on **May 30, 2013** by Jo Spear Jr. in the presence of Dean Driggett.

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

- Working face is a new lift moving from west to east in Phase 7. Waste volumes appear to be up, larger working face and C&D in active area
 - Autofluff and oils in use
- Leachate being discharged MMSD
- No flare and one blower in operation,
 - Gas being flared while system repairs and condensate improvements
- One storm events since last audit, ~1"
 - Basins have plenty of storage, ril repairs ongoing
- No odors
- 2 liquid loads received since last audit
- High winds but only minor litter
- US 45 and 8 Mile Road clean
- Tipping scale camera and equipment operators inspecting waste
 - Random load inspection date not noted ~3500 tpd
 - Soils recieved
- Dave working with liner crew to patch seep in pump location. Phase 7 liner requires patching and extrusions welds to complete. Liner/rain flap cut to drain and will be repaired when leachate removed
- Construction equipment mobilization started

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 May 30, 2013 TIME 3:20
 Auditor on site at: Open Close

WEATHER Clear Sunny, Very Windy & Dry WIND 20-45
 N S E W

TEMP Maximum 79 °F Minimum 64 °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						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face is a new lift moving from West to East in Phase 7. Waste volumes appear to be up, larger working face & C&D in Active Area.



Cover Material:

Autofluff & Soils in use

B. Leachate Management:

Discharge to MMSD Recirculation

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

Comments:

Gas going flared while system repairs & condensate improvements

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 219

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins have plenty of storage. RSL repairs continuing

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

F. Liquid Loads Received:

No loads



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:

High Winds but only minor litter

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 & 8 Mile Road Clean

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:				
Tonnage:	~ 3,500 TAD			

Comments:

Soils were reviewed

J. Rejected Loads:

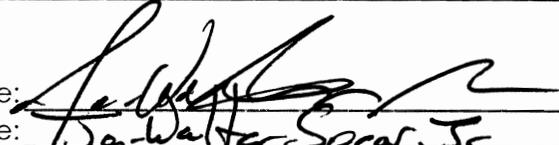
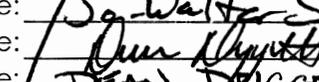
	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Off: Open During Audit E-Waste Container Present



M. Other Comments:

* Dave Working with liner crew to patch seep
at pump location. Three liner requires
patching & extrusion welds to complete.
~~Two~~ Liner/vent flap out to drain and
will be repaired when leachate cured
* Construction equipment Mobilization
started

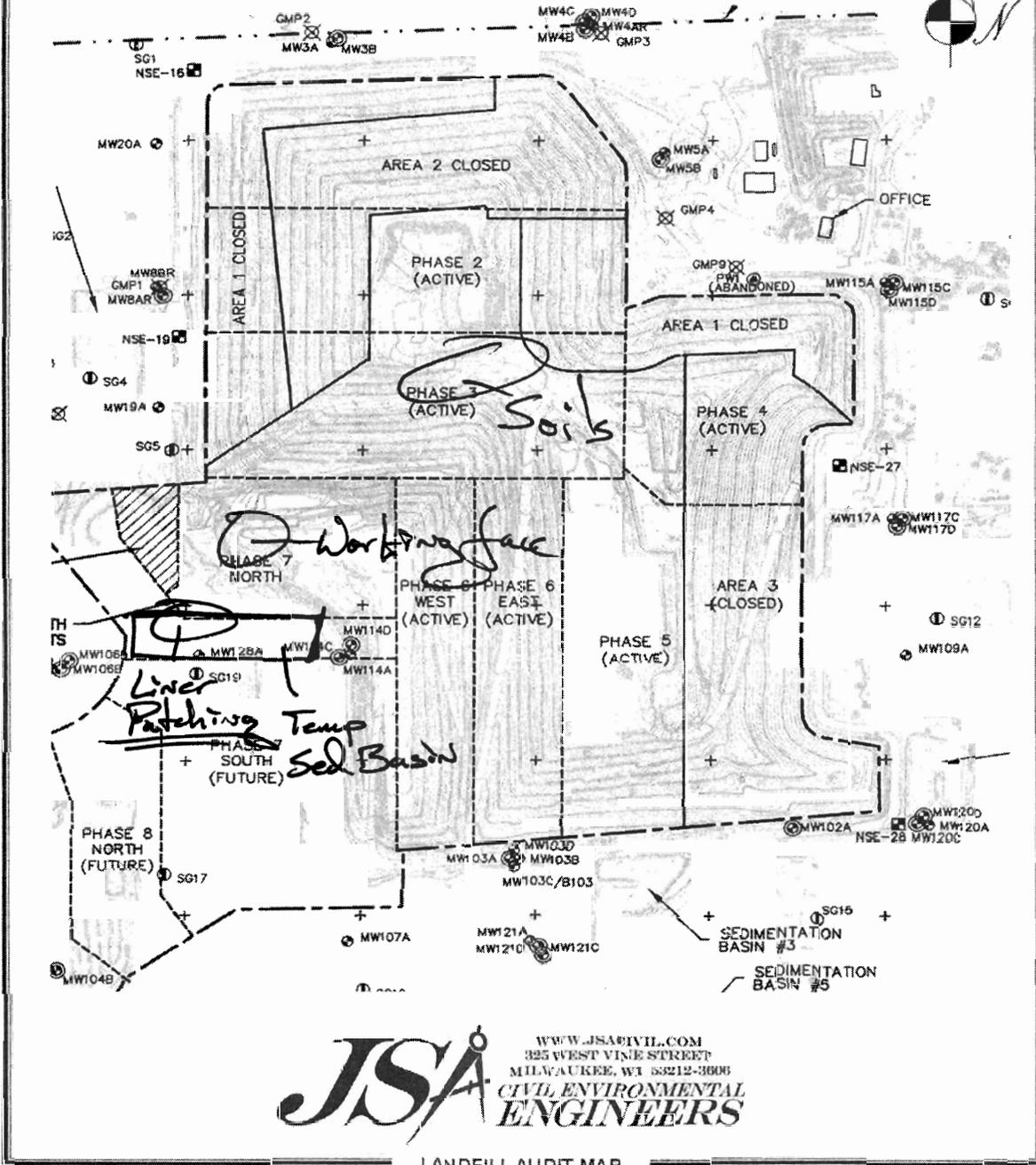
Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear, Jr.
Management Signature: 
Management Printed Name: DENNIS DRIGGETT
Management Title: _____
JSA Principal Signature: _____

Date: 5/30/13
Date: 5/30/13
Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



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

LANDFILL AUDIT MAP

B. Excavations / Soil Management:

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: _____
Auditor's Printed Name: _____
Management Signature: _____
Management Printed Name: _____
Management Title: _____

Date: _____
Date: _____



VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP			All contact water is being treated as leachate and pumped back into Phase 7.

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



Working face viewed from above



Active area

JSA *Civil Environmental Engineers*

Environmental Engineers

325 West Vine Street
Milwaukee, Wisconsin 53212



Active area viewed from North



Active area with C&D stock piled



Working face viewed from East



Activities at temp sed basin



Temp sed basin



Location of seep and rain flap damage. Too much liquid is behind the flap to patch during audit



Excavator used to manage sump in Temp Sed Basin

