



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego

FROM: Faith Spear.

COPIES: File

DATE: 03/07/14

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 17. The audit was performed at 2:45 PM on February **18, 2014** by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

Landfill Operations Audit:

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

- Working face in junction of Phases 5,6 & 7.
 - This area receiving all types of wastes
 - Phase 7B fluff layer receiving MSW select wastes
 - Approximately 1/2 of of fluff base is completed
- One compactor, one dozer and one grader in operation
 - D6 dozer and excavator in repair yard
- Mixed autofluff and C&D used for cover
- All leachate discharging to MMSD; no recirculation
- One flare & 1 blower in operation
 - One shut down since last audit
 - MMSD facility down; siloxiane media replacement during audit
 - System will be back on-line when replacement complete
- One snow event since last audit; approximately 1”
 - Large snow event on 2/17/14; high temperature today
 - Melting snow; puddles throughout site
 - Basin frozen
- Odors noticeable on-site
 - Waste odor in parking area
- Liquid loads periodic
- Litter on-site, but clear off-site
 - Two pickers active ; working roads on-site
- US 45 and 8 Mile Road clean ; site roads wet and gritty
- Scale camera in use; 1 equipment operator; no spotter
 - Receiving approximately 1,500 TPD
 - No rejected loads
 - Selected wastes tipped in Phase 7B for fluff layer

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Residential drop-off open
 - Boxes emptied & ready for Friday
- Fire alarms in gas building have been triggered erroneously today
- Site roads particularly mucky
 - Grader got stuck while trying to improve site road
 - Additional grading planned for tomorrow
 - May add crushed stone to roads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes

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

PROJECT NO. 1020.10030

DATE February 18, 2014
 Auditor on site at: Open Close

TIME 2:45

WEATHER Clear, Sunny, some clouds

WIND 10-25
 N S E W

TEMP Maximum 37 °F Minimum 25 °F

B.P. 29.71

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Excavator		✓				
1	D6 Dozer	✓					

A. Working Face Size and Location:

Working face in junction of Phases 5, 6, & 7 for all wastes. Phase 7B fluff layer reviewing MSW select wastes & about 1/2 of fluff layer completed.



Cover Material:

Autofly and GP mixed

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

Comments:

Siloxane media being exchanged during audit system will be back online when replacement complete

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	2/4
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Large snow event 2/17/14, high temps today melting snow, puddles throughout site Basins Frozen

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

waste odors in parking lot

F. Liquid Loads Received:

Periodic



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:

Pickers active during audit on site roads

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 $\frac{1}{2}$ Mile Clear. Site roads wet & gritty

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:				
Tonnage:	1,500 TAD			

Comments:

Select waste tipped in Phase 7B for fluff layer

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes empty for Friday



M. Other Comments:

* Erroneous fire alarms in gas building have been going off today.

* Site dirt roads very muddy, being graded until grader got stuck. Additional grading tomorrow. May add crushed stone to roads.

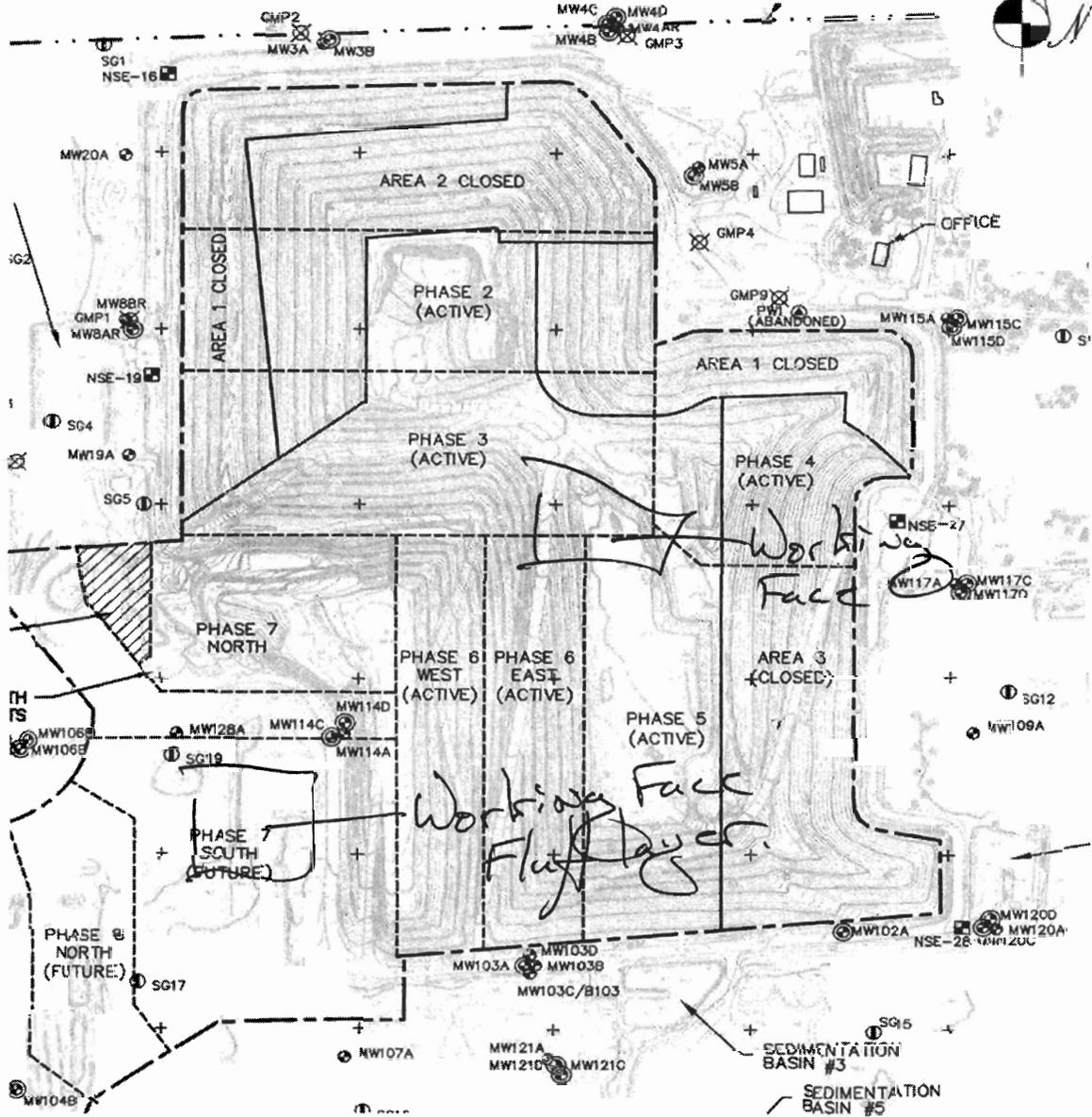
Auditor's Signature: *[Signature]*
 Auditor's Printed Name: *Jo-Walter Spear, Jr*
 Management Signature: *[Signature]*
 Management Printed Name: *David Carter*
 Management Title: *Ops Manager*
 JSA Principal Signature: _____

Date: *2/18/14*
 Date: *2/18/14*
 Date: _____



ADS 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

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

PROJECT NO. 1012.10030



Working face in junction of phases 5,6,7



Working face viewed from South and below



Working face in Phases 5,6,7



Working face in Phase 5,6,7



Leading edge of fluff layer



Previously placed fluff layer but not brought to grade



Phase 7B viewed from the Northeast



Fluff layer tipping continues