



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear
COPIES: File
DATE: 2/18/2014
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 3. The audit was performed at 3:30 PM on **February 6, 2014** by Jo Spear, Jr. in the presence of David Geier.

Landfill Operations Audit:

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

- Working face in junction of Phases 7, 6 and 5
 - Filling junction with non-select C&D, soils and special wastes
 - Phase 7B receiving only select waste for fluff layer
 - Fluff layer in Phase 7B to reduce risk to liner system
- One compactor, 1 Dozer and 1 excavator in use during audit
 - D6 Dozer in for maintenance
- Autofluff used for cover in both active faces
- Leachate discharging to MMSD; no recirculation
- One blower in operation; no flares
 - Gas delivery to MMSD during audit
- One snow events since last audit; approximately 1"
 - Site conditions frozen
 - no surface water or slopes exposed
- No odors on site
- Liquid loads are periodic
- Litter present on site; in fences & blowin' in the wind
 - Pickers working
 - Pickers addressing litter from 12/5/2013
- US 45 & 8 Mile Road clean; blowing snow present
- Tipping scale camera in use; 1 equipment operator; no spotter
 - Approximately 1,400 tons per day

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Receiving MSW, C&D soils and sludge from MMSD
- No rejected loads
- Random load inspected 11/29/13
- Residential drop-off area clean and in operation
- Boxes empty

- No construction activities until warmer weather conditions
- 6,000 tons of MMSD sludge being tipped
- Sludge is odiferous, but no undue odors during audit
- Fluff layer across Phase 7B required before unselect MSW can be accepted

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 6, 2014
 Auditor on site at: Open Close

TIME 3:30

WEATHER Cold Clear, High Clouds, Snow Expected

WIND 0-15
 N E

TEMP Maximum 8 °F Minimum -5 °F

B.P. 30.37

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
1	1 Dozer		<input checked="" type="checkbox"/>				

A. Working Face Size and Location:

Working face in Phase 7/6/s Junction for non-select
(FD, soils, and special wastes. Phase 7B Receiving
waste for fluff layer select wastes only that
are not a risk to the liner system.



Cover Material:

Autoflag in both working faces

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"/>	#			
Blowers in Operation:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1		
Flare use since last audit					#	0		
Shutdowns Since Last Audit:					#	0		
Flow to MMSD:					#	NA cfm		
Vegetation Condition:	Good	<input checked="" type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Delivery to MMSD during audit

D. Surface Water Management:

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

Snow event only, site conditions frozen
No surface water on exposed slopes

E. Odor Control:

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

No odors on site

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"/>	#

Comments:

Litter in fences, some tumbling wind blown onsite

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 (leaves with blowing snow)

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:						1/30/14
Tonnage:	1,400 TPD					

Comments:

MSW & C&D, Soils, and sludges from MM3D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes empty



M. Other Comments:

* No Construction Activities until warmer weather conditions

* 6,000 tons of MMSD sludge being tipped. Sludge is odiferous, but no odors during audit.

* Fluff layer across Phase 7b required before unselect materials is used

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 2/6/14

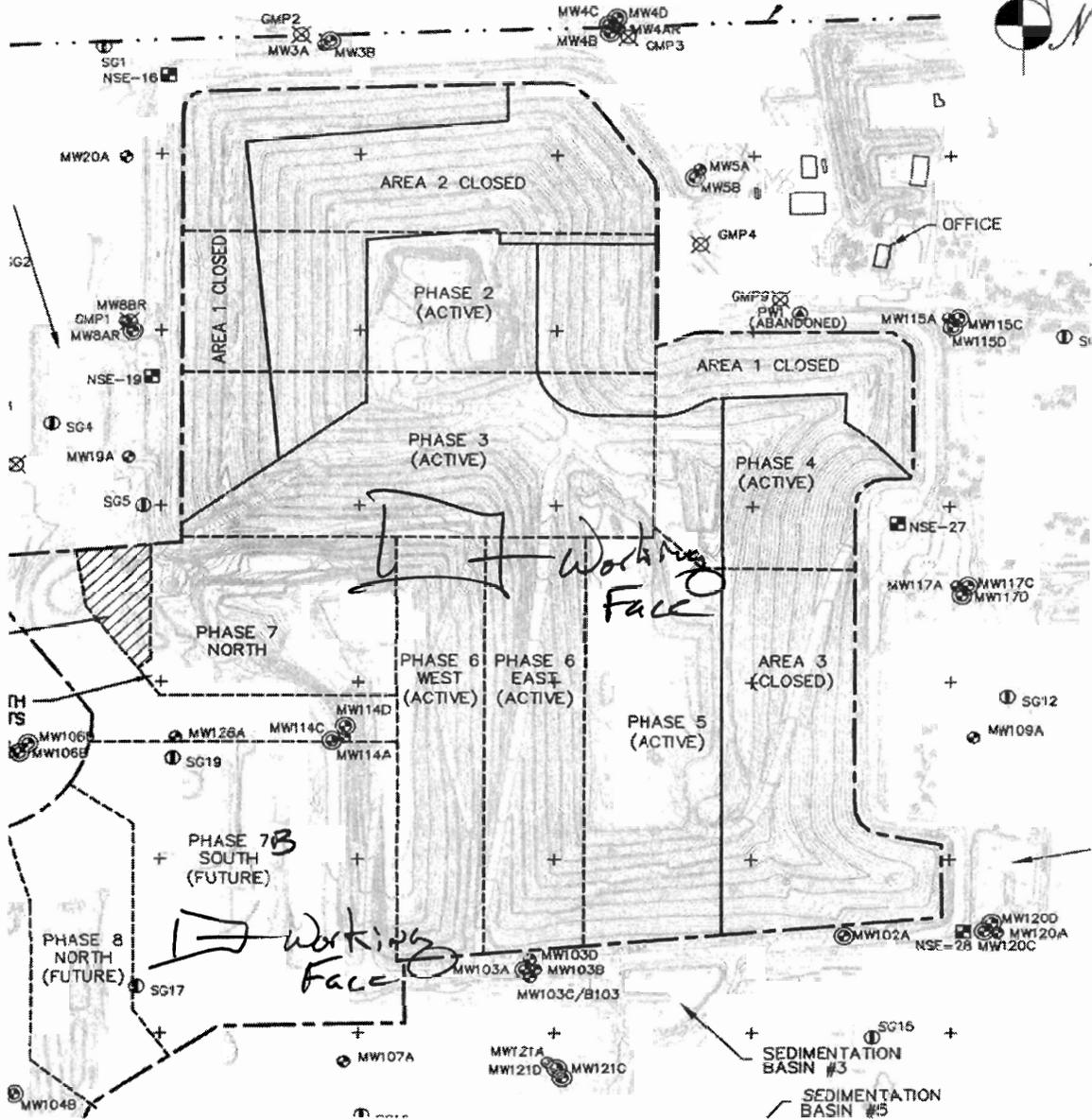
Date: 2-6-14

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 53212-3600
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Autofluff stockpile and active area



Active area cover and select soils stockpiled for daily cover



Working face in Phases 4,5,6



Working face in Phase 7B



Leading edge of fluff layer



Berm to set limits of waste placement and direct leachate to collection.



Sluff Layer placement begun in Phase 7B