



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 08/21/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 18, 2014. The audit was performed at 14:04 PM on **August 19, 2014** by Jo Spear, Jr. in the presence of David Greir, Operations Manager.

Landfill Operations Audit:

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

- Three active working faces
 - MSW not suitable for fluff layer going to West slope of Phase 6
 - MSW safe for fluff layer going to Phase 7B West slope
 - Bio soils tipped in Phase 4 & 5.
- Fluff layer in Phase 7B about 1/3 complete
- One compactor & One dozer working on site
 - One D6 and one D8 in for repair
- Auto fluff & poly shred in use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - One flare lit earlier on 8/19, but plant delivering during audit
 - One shut-down since last audit

- Two storm events since last audit; slightly over 2"
 - Basins have freeboard; erosion minimal
 - Ditches cleaned prior to and after storms
- Minor odor on-site in area above Phase 6 West slope
- Large volume of liquids tipped in Phases 4,5 and 6 pit

- Minimal litter on-site, mostly due to rainfall; clear off-site
 - Two pickers working
- US 45 and 8 Mile Road clean; site roads clean

- Scale camera in use; 2 equipment operators; no spotter
 - Receiving approximately 1,900 tpd of MSW and foundry soils
 - Random load inspection 8/13/14
 - No rejected loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Residential drop-off site clean
 - E-waste container present, but over full
 - TV sets on ground outside
- Contractor has restored silt fence & installed control structure with valve on storm water basin for stockpile.
 - No contractors on site during audit
- Sump has plenty of freeboard
 - Pump draining sump to Basin 1

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 August 19 2014
 Auditor on site at: Open Close

TIME 3:45
0-5
~~1-10~~
 WIND N S E W

WEATHER Clear to ~~overcast~~ overcast Possible Rain

TEMP Maximum 83 °F Minimum 64 °F B.P. 72.74

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	D6 Dozer	✓					
1	D8 Dozer	✓					

A. Working Face Size and Location:

Working face on slope of Phase 6 West slope
 for MSW not suitable for fluff layer. Working face
 in Phase 7B West for suitable fluff loads.
 Bio Soils tipped on top of Phase 4/s
 Phase 7B West 1/3 completed with fluff layer



Cover Material:

Autofluff + Poly shred insweyer cover

B. Leachate Management:

Discharge to MMSD Recirculation

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	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#	1,600	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Flare lit earlier on 8/19, but gas plant delivering during audit

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 72"

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

Basins have freeboard, erosion minimal
Ditches cleaned prior and after storm events

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor odor above Phase 6 West slope

F. Liquid Loads Received:

2/10: Large Volume tipped in Phase 4/5/6 pit



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:

Minimal litter due to rain event

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 & B Mile Road Clean, Site roads 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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						8/13/14
Tonnage:	1,900					

Comments:

MSW, Soils, & Liquid Loads

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

E-Waste container full, TV Sets on ground outside

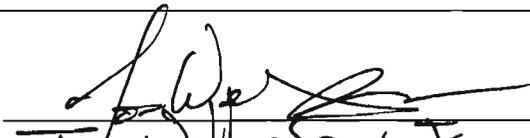


M. Other Comments:

* Sump has plenty of free board and
pump actively draining it to Basin 1

* Contractor in ~~the~~ previously to restore
subfence & install control structure w/valve
on stockpile Storm Water Basin

Auditor's Signature:



Date: 8/19/14

Auditor's Printed Name:

J. Walter Speer, Jr.

Management Signature:



Date: 8-19-14

Management Printed Name:

David Geier

Management Title:

Operations Manager

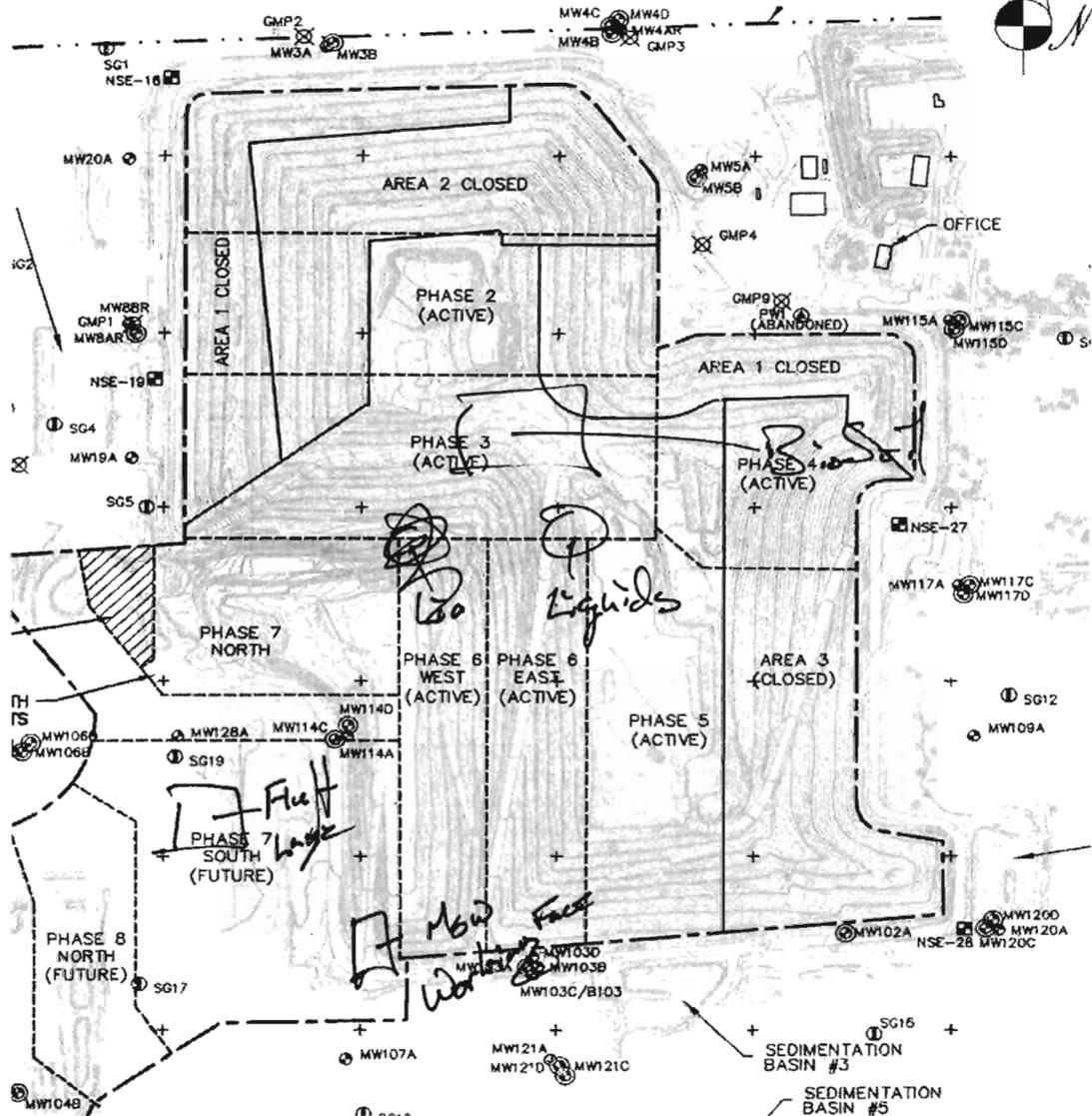
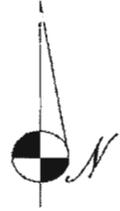
JSA Principal Signature:

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



New pneumatic housing structure, South of Gas building



Bio soil received over last two days on Phase 3, 4,5 junction



Fluff layer placement in Phase 7B West



Active area viewed from the North



Working Phase on West slope of Phase 6



Active area viewed from Northeast



Active area viewed from the East