



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 11/24/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 13, 2014. The audit was performed at 3:40 PM on **October 17, 2014** by Jo Spear, Jr. in the presence of Julianne Daulman, Office Administrator.

Landfill Operations Audit:

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

- Working face in the middle of Phase 7B along Phase 6 East slope.
- Cover was being applied during audit
 - Cover layer of C&D and then Foundry sand
 - No other working faces active today
- One compactor & two dozers working on site
 - One D8 in for repair
- Foundry sands and select C&D in use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Vegetation in fair condition
 - Gas system working well in colder conditions

- One storm event since last audit; about 1
 - Light rains throughout this week"
 - Basins still draining

- Gas odor on access road above Phase 7B
- Liquid loads periodic

- Some litter on-site
- New fences being installed to catch litter
- Three pickers working
- US 45 and 8 Mile Road clean; site roads muddy

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Scale camera in use; two equipment operators; no spotter
 - Receiving approximately 2,000 tpd of MSW and contaminated soils
 - Mostly MSD; some C&D
 - Random load inspection 10/17/14
 - No rejected loads
- Residential drop-off site very active during audit
 - E-waste container present

Comments:

- Bio Pile testing done this week
- New pneumatic pump house completed
 - Undergoing connect to system
- Site received top soil and seeding on open areas
- Repairs to rain flap expected next week

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



22512
57499

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

PROJECT NO. 1020.10030

DATE October 17, 2014

TIME 3:40

Auditor on site at: Open Close

WEATHER Overcast, dropping temps, possible rain

WIND 10-25
N S E W

TEMP Maximum 59 °F Minimum 42 °F B.P. 29.60

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>D8-Dozer</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in the middle of Phase 7B, cover being applied during Audit. C&D being placed as cover first, then foundry sand.

No other working faces active today



Cover Material:

Foundry sands & select CFD

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	#	0		
Shutdowns Since Last Audit:	#	0		
Flow to MMSD:	#	11600	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas system working well in colder conditions

D. Surface Water Management:

Storm Events Since Last # 3 Est. Volume >1"

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

Light rains throughout week. Basins still draining

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Gas odor on access road above FB

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"/>	# 3

Comments:

Pickers active during audit and installation of new fences

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)
Site roads muddy

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:						10/17/14
Tonnage:	2,000 TPD					

Comments:

Mostly MSW with some C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

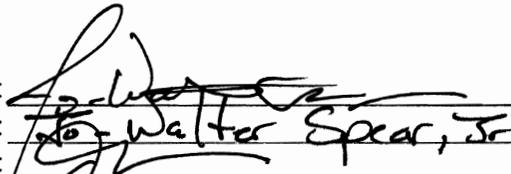
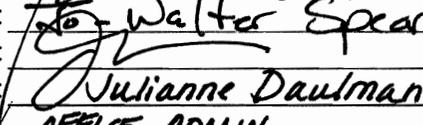
L. Residential Drop Off: Open During Audit E-Waste Container Present

Drop Drop of very active



M. Other Comments:

- * Bio Pile testing done this week
- * New pneumatic pump house completed and being connected to system
- * Site received top soil & seeding on open areas
- * Run Flap repair expected next week

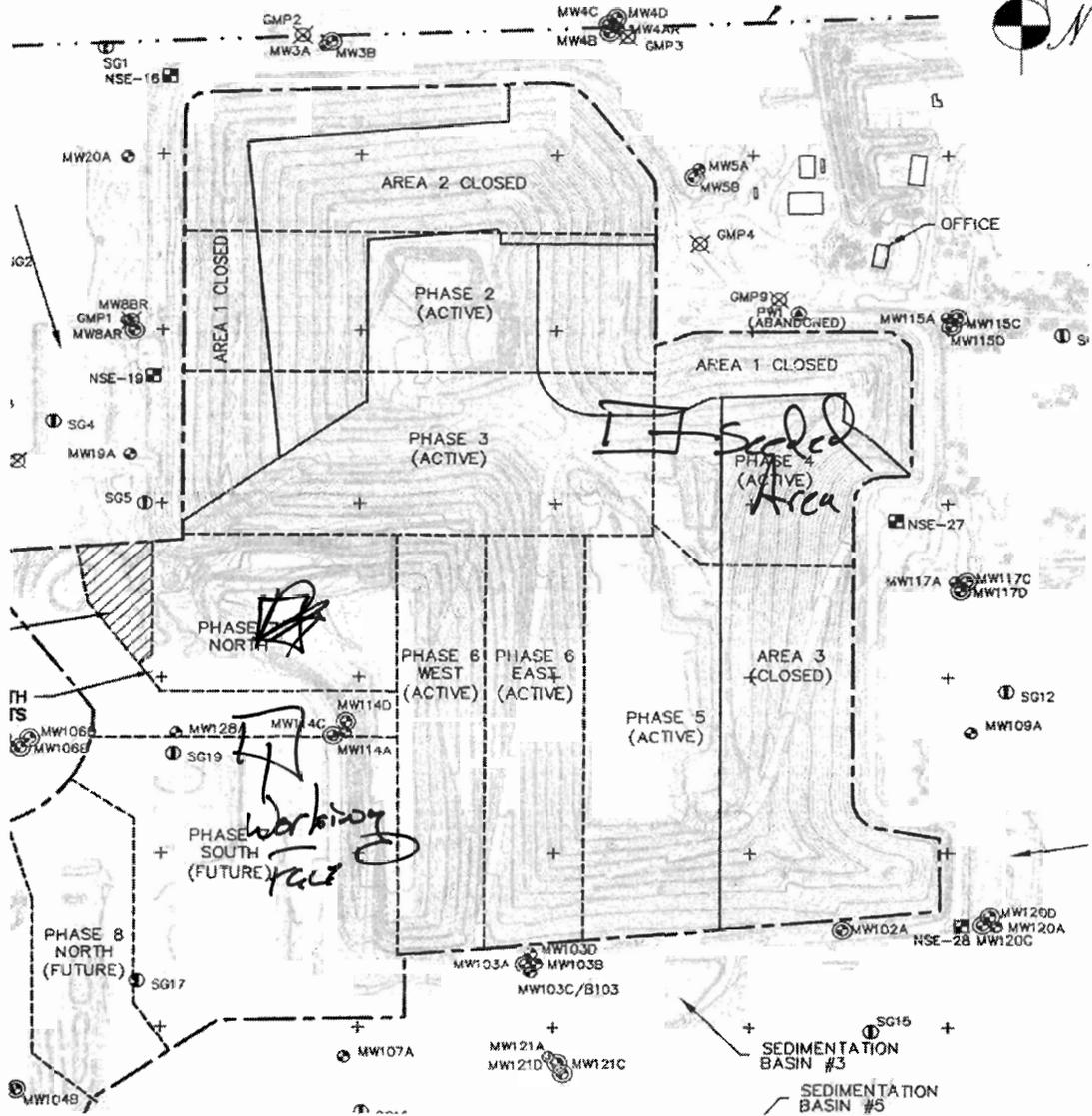
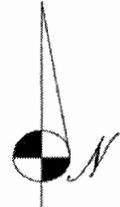
Auditor's Signature: 
Auditor's Printed Name: Greg Walter Spear, Jr
Management Signature: 
Management Printed Name: Julianne Daulman
Management Title: OFFICE ADMIN
JSA Principal Signature: _____

Date: 10/17/14
Date: 10/17/14
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



Bio soil pile in Phase 4/5



Top of Phase 4/5



Active area, Phase 7B, viewed from the North



Working face in Phase 7B viewed from the North



Working face viewed from Northeast



Phase 7B new access ramp and working face in the foreground. Ramp is at Southeast corner of Phase 7



Working face in Phase 7B viewed from the East