



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 01/08/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of December 1, 2014. The audit was performed at 11:20 AM on **December 5, 2014** by Jo Spear, Jr. in the presence of Mike Hackney, General Manager.

Landfill Operations Audit:

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

- Working face in center of Phase 7B
 - Moving lift Westward toward Phase 7B West
 - Taking MSW
- Bio soils going to additional working face in Phase 3
- One compactor & two dozer working on site
- Site soils and C&D in use for daily cover
 - Roughly 800-1,000 TPD of foundry sands available for cover as well

- All leachate discharging to MMSD; no recirculation
- Gas delivery at about 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
- Vegetation brown due to cold
- Compressor (brought from compressor shed) used to restore gas delivery to building

- Two storm event since last audit; about 1"
 - Snow fall only; site surface water frozen; no flow

- No odors on or off-site
- Liquid loads periodic

- Minor litter on-site
- Two pickers working
 - One operating residential drop-off area
- US 45 and 8 Mile Road clean; snow on site

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 tpd of MSW, demolition materials and and small soil loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Random load inspection 12/5/14
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Slow day; no activity during audit

- Enclosure for backside of gas plant planned for December

- Autofluff stockpiled for use absorbing future liquid loads

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 December 5, 2014

TIME 11:20

Auditor on site at: Open Close

WEATHER Overcast, Low Clouds, Mist Area

WIND N.W.
 N S E W

TEMP Maximum 38 °F Minimum 28 °F B.P. 30.21

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

A. Working Face Size and Location:

Working face in middle of Phase 7B
Moving lift Westward toward
Phase 7B West
Additional working face in Phase 3
for bio soils



Cover Material:

Site Soils & CFD Materials used for cover

Some, 200-1000 TPD, of Flyash sent for coverwell

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	#		NA	
Shutdowns Since Last Audit:	#		NA	
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:

Vegetation brown from frost.

Compressor from new compressor shed to restore building delivery

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2 1/2

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

Snow only, site surface water frozen and unflowing

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors on or off 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"/>	# 2

Comments:

Minor litter on site. One Picker operating Drop Off

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						12/5/14
Tonnage:	1,500 TPD					

Comments:

Demolition, MSW, and very small soil loads

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Slow day, low usage at time of Audit



M. Other Comments:

* Enclosure of Back side of gas plant planned for December

* Autoglyff stock piled in Phase 5 for use in future liquid loads.

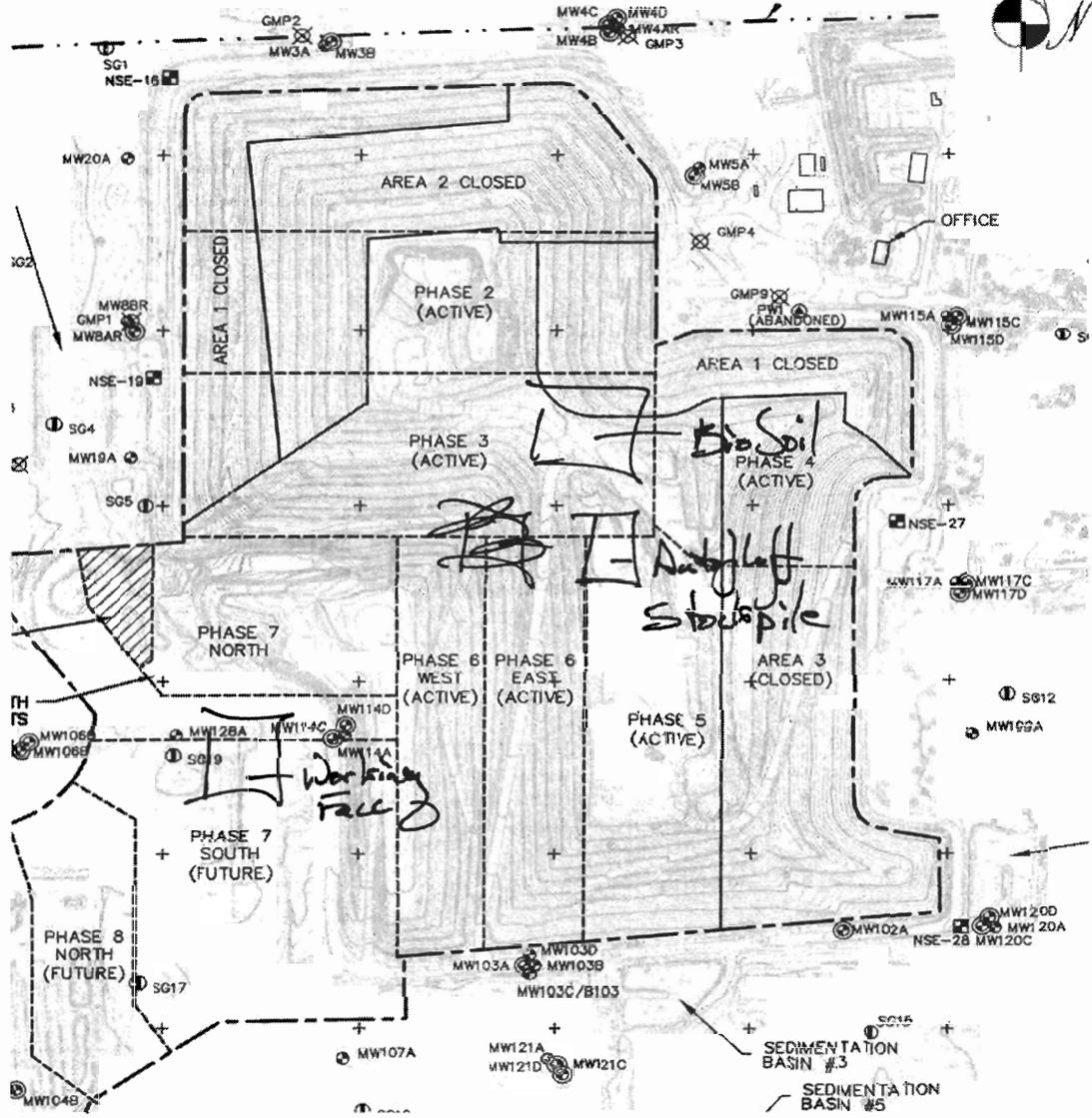
Auditor's Signature: [Signature]
Auditor's Printed Name: John Walter Sprick, Jr
Management Signature: [Signature]
Management Printed Name: Michael Hackney
Management Title: GM
JSA Principal Signature: _____

Date: 12/5/14
Date: 12/5/14
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



Soils tipping in Phase 4/5/6 viewed from the West



Autofluff stockpile in Phase 6 for refilling liquid load trenches



Working face, roughly middle of Phase 7B, viewed from the North



Phase 7B overview



Dozer dressing site access in Phase 7B



Working face viewed at grade



Intermediate cover on Southwest corner of Phase 7B West



Previous working face, South slope of Phase 7B with intermediate cover



Basin #2, frozen surface