



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 01/08/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of December 15, 2014. The audit was performed at 3:15 PM on **December 17, 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 Phase Southwest corner of 7B/7B West
 - Active working face smaller than usual
 - Some cover being placed during audit
- One load on bio-soil received today
 - Soil loads going to Phase 5
- Liquid loads to Phase 6
- One compactor, two dozers, one excavator and one backhoe working on site
- Site soils, excavated from Phase 8, used for daily and intermediate cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD approximately 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
 - Flares used 4 times since last audit; 4 shut-downs
 - Vegetation appears in poor condition
 - Building operating well despite weather concerns

- One storm event since last audit; approximately 1+”
 - Rain event early in week
 - Basins and ditches beginning to freeze
- No odors
- Liquid loads periodic

- Litter on-site
 - Concentrated in fences and ditches
- Two pickers working
- US 45 and 8 Mile Road clean; site roads clean

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 2,100 tpd of predominately MSW
 - Random load inspection 12/12/14
 - No rejected loads

- Residential drop-off site clean
 - E-waste container full to overflowing
 - Other boxes have been emptied

- Bio pile test results received
 - Stockpiled bio-soils can be used on site

- Ongoing excavation in Phase 8 to develop site and provide cover materials

- Construction on gas plant addition will continue

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 17, 2014
 Auditor on site at: Open Close

TIME 3:15

WEATHER Overcast, possible snow

WIND 10-20
 N S E W

TEMP Maximum 30 °F Minimum 22 °F B.P. 30.21

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southwest corner of
Phase 7B/7C West. Working face small and
some cover being placed at time of Audit
On load of biosoil was received, today,
In phase 3



Cover Material:

Site soils from future phase B being excavated for daily and intermediate covers

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	#		2	
Shutdowns Since Last Audit:	#		2	
Flow to MMSD:	#		~ 1,600	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Building operating well with weather conditions

D. Surface Water Management:

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

Small rain event at the beginning of the week. Basins & ditches beginning to freeze

E. Odor Control:

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

No odors

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.

Litter in fences and ditches

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

Wash & 8 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"/>	#	3
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	12/12/14			
Tonnage:	24,500 TPD			

Comments:

Predominantly MSW wastes only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes are clean & empty. E-Waste container overflowing.



M. Other Comments:

- * Bio pile results is and soils can be used on site
- * Excavation in Phase 3 to develop phase and provide cover materials
- * Gas plant addition construction ongoing

Auditor's Signature: 

Auditor's Printed Name: P. Walter Spear, Jr

Management Signature: David Geier

Management Printed Name: David Geier

Management Title: Operations Manager

JSA Principal Signature: _____

Date: 12/17/14

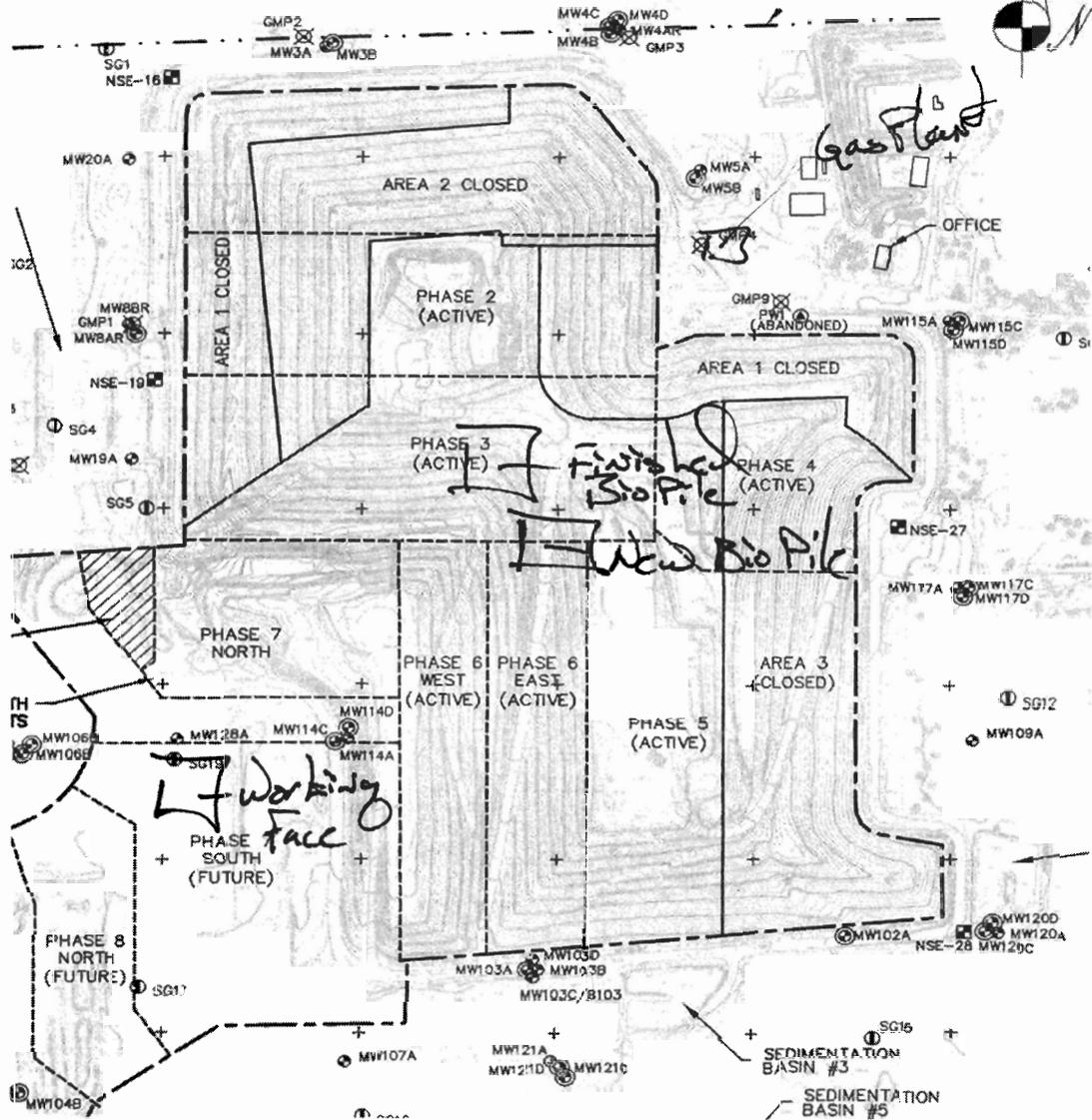
Date: 12-17-14

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



Working face in Southwest corner of Phase 7B



Center of Phase 7B with good cover



Eastern edge of Phase 7B, well covered



Phase 7B



In the background, future Phase 8 being excavated for soil use on site