



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: **12/24/14**
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of November 17, 2014. The audit was performed at 12:10 PM, **November 19, 2014** by Jo Spear, Jr. in the presence of Michael Hackney, General Manager.

Landfill Operations Audit:

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

- Working face is moving Westward into Phase 7B West
- New litter fence in Phase 7B seems to be effectively catching litter from working face
- One compactor, two dozers and one excavator working on site
- Site soils from Phase 3 in use for cover

- All leachate discharging to MMSD; no recirculation
- Flow to MMSD approximately 1,500 cfm
- Flares in operation during audit; No blowers operating
 - Multiple brief shut downs at MMSD request; triggering need for flares
- Vegetation surviving
- Reductions at MMSD impacting gas flow

- One storm event since last audit; less than 1”
 - Snow flurries during audit
 - Site soils frozen, but basins still draining
- Odor of antifreeze near working face
- Liquid loads periodic

- Litter present on-site; clear off-site
 - New fences installed above active area catching litter
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty

- Scale camera in use; 3 equipment operators; no spotter
- Receiving approximately 1,500 tpd of MSW, sand and C&D waste
- Random load inspection 11/19/14
- No rejected loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Residential drop-off site clean; ready for seasonal busy time
 - E-waste container present
- Excavators removing soils from Phase 3 for daily cover

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 MUSKÉGÓ

PROJECT NO. 1020.10030

DATE November 18th, 2014

TIME 12:10

Auditor on site at: Open Close

WEATHER Overcast, some sun, flurries

WIND 10-15
 N E

TEMP Maximum 26 °F Minimum 12 °F B.P. 29.73

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

NO.	DESCRIPTION	Rented	Contracted	NO.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>1</u>	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 moving westward into Phase 7B West.

Litter fence placed in Phase 7B catching litter from working face



Cover Material:

Site soils from Phase 3

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Blowers in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Flare use since last audit	#	1-multi		
Shutdowns Since Last Audit:	#	1-multi		
Flow to MMSD:	#	1,500 cfm		
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Reductions at MMSD impacting gas flow

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 4.1"

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

Frozen conditions on site, Basins draining

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Antifreeze odor on working face

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:

Litter catching in new fences installed up slope from Active Area

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

USHS 3/8 Mile road - clean.

Site roads dusty

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:	11/19/14			
Tonnage:	1,500 TPD			

Comments:

MSW, sands and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Site clean



M. Other Comments:

* Soil being excavated on Northside
of Phase 3 for daily cover

*

Auditor's Signature:

Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:

[Handwritten Signature]
JSA
Walter Spang, Jr.
Michael Hackney
Michael Hackney

Date: 11/19/14

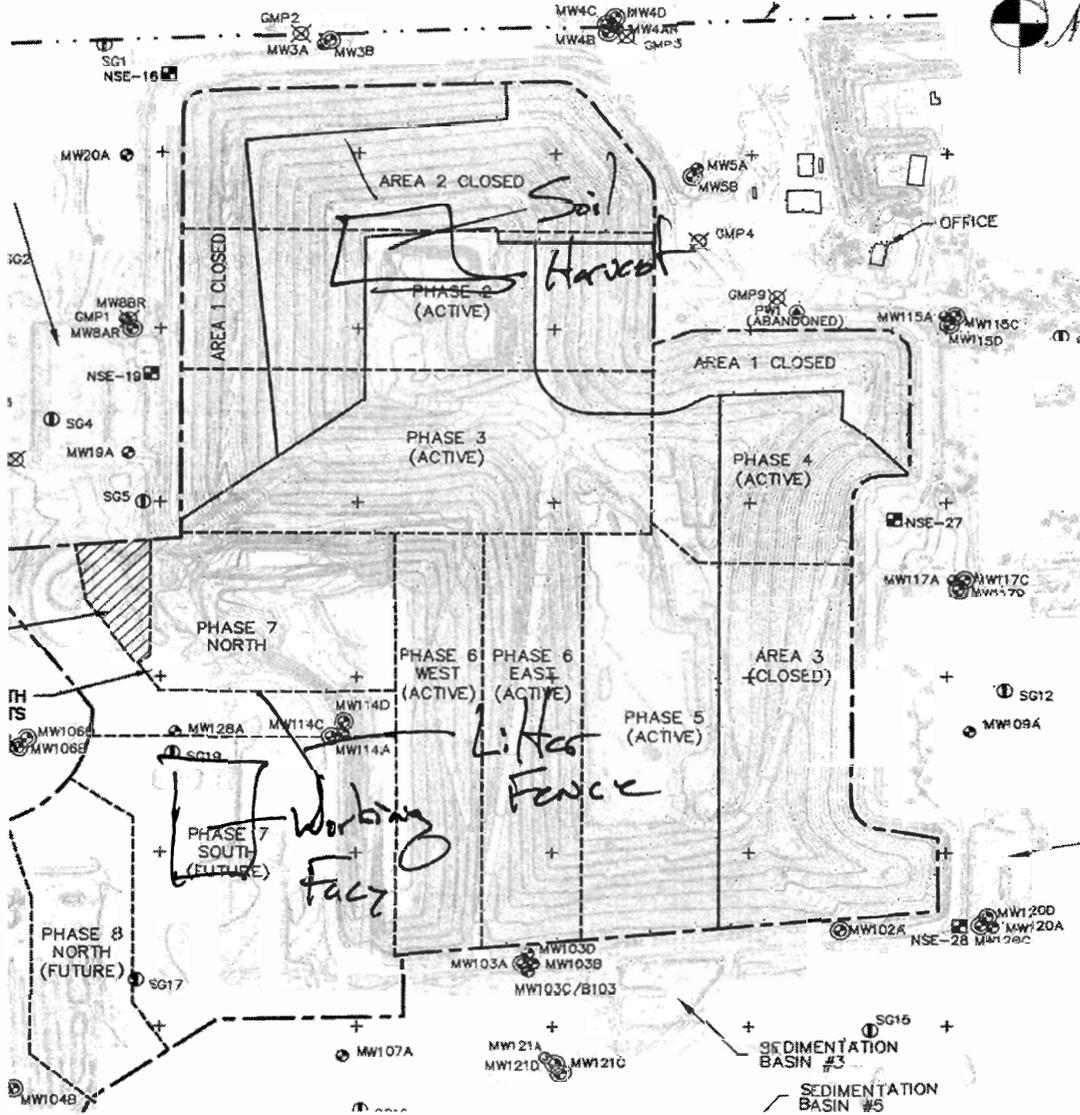
Date: 11/19/14

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



Active area, Phase 7B West



Working face viewed from the North



Active area



Working face in Phase 7B West, viewed from East



Working face viewed from base of cell



Working face viewed from West



Active area viewed from the West