



M E M O R A N D U M

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 09/26/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 25, 2014. The audit was performed at 9:50 AM on **August 29, 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 split between middle of Phase 7 and Phase 7B
 - MSW suitable for fluff layer going to Phase 7B
 - Rougher waste materials deposited in Phase 7
- Phase 7B fluff layer nearly complete

- One compactor, one dozer, one excavator and one haul truck at work
 - One D8 in for repair
- Auto fluff & soils used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD 1,300 cfm
 - No flares in operation during audit
 - One blower in operation
 - Gas plant operating as designed
 - Vegetation in fair condition

- Three storm events since last audit; less than 2"
 - Many small storms during week
 - Basins have plenty of free board

- No offensive odors during audit
- Liquid loads are periodic

- Little litter on or off-site
 - Two pickers patrolling litter and operating drop-off
- US 45 and 8 Mile Road clean; site roads gritty

- Scale camera in use; equipment operators; no spotter

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Receiving approximately 2,000 tpd
- Predominately MSW; soil loads at beginning of week

- No rejected loads

- Residential drop-off open during audit
 - Very active, but clean
 - E-waste container present

- Soils excavated from future Phase 8 used for intermediate cover on Phase 6 West slope
 - No contractors on site during audit

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 29, 2014
 Auditor on site at: Open Close

TIME 9:50

WEATHER Rainy, overcast

WIND S-W
 N S E W

TEMP Maximum 81 °F Minimum 61 °F B.P. 30.09

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	DB Dozer						

A. Working Face Size and Location:

Working face split between middle of Phase 7 and placement of Fluff layer in Phase 7B. Fluff layer nearly completed in Phase 7B



Cover Material:

Artificial and soils

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	#	Regress		
Shutdowns Since Last Audit:	#			
Flow to MMSD:	#	1,300	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas system operating as designed.

D. Surface Water Management:

Storm Events Since Last # 3 Est. Volume 774

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

Many storms this week. Basins have plenty of free board

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors during audit

F. Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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 pickers picking site and 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.

USHS & B Mile road clean, Site road gritty

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Equipment Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	2,020 TPD			

Comments:
 Predominantly MSW, Soils at beginning of week

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

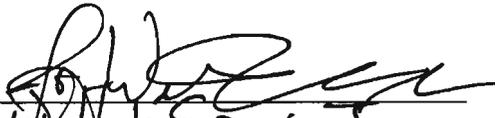
Drop off very active, but clean



M. Other Comments:

* Excavation in Future Phase 3 being used
for intermediate cover on Phase 6 West
slope

Auditor's Signature:



Date: 8/29/14

Auditor's Printed Name:

John W. Deal, Jr.

Management Signature:



Date: 8/29/14

Management Printed Name:

Michael Hadeney

Management Title:

GM

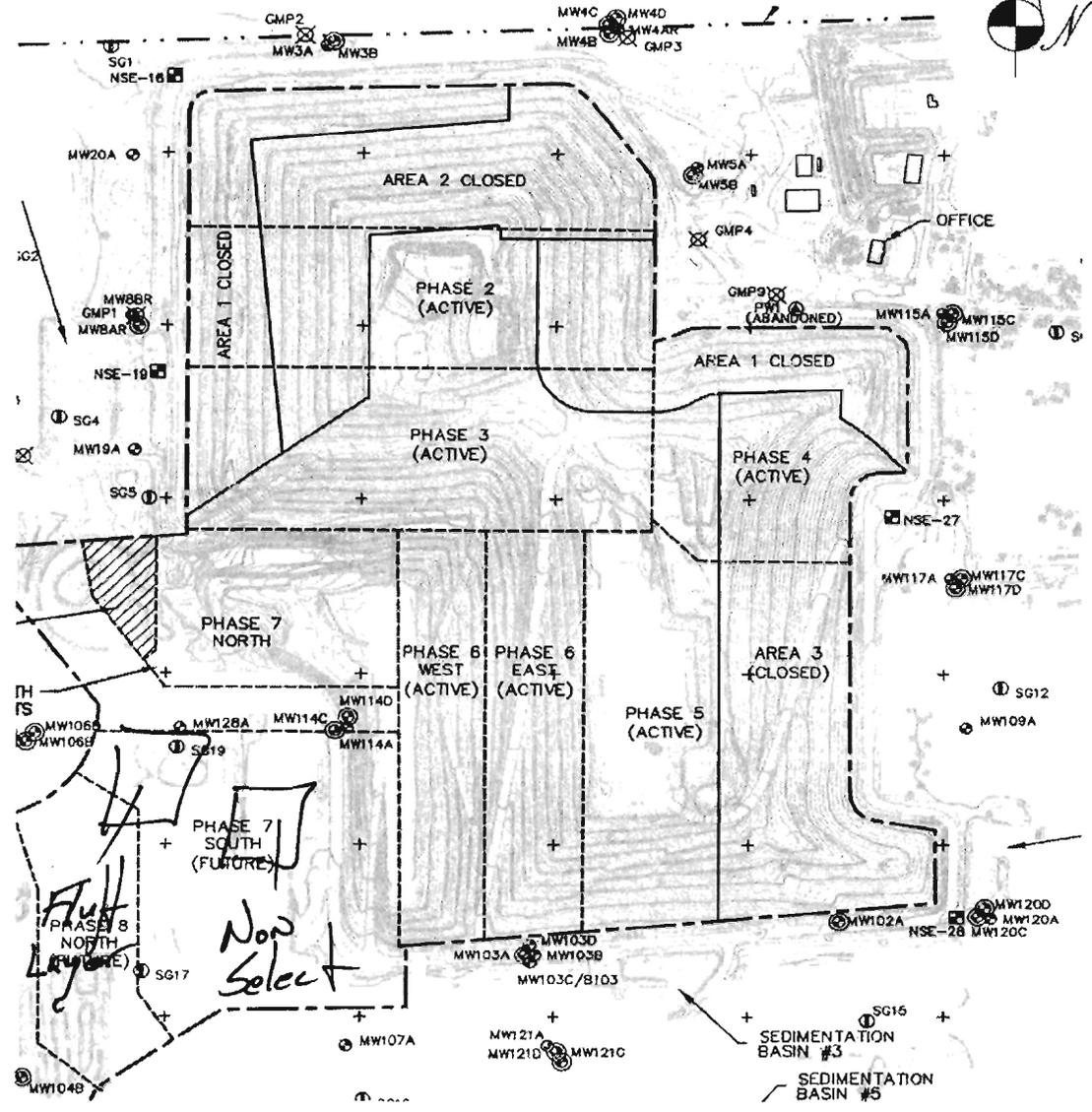
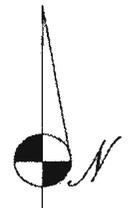
JSA Principal Signature:

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 53212-3608
 CIVIL ENVIRONMENTAL
ENGINEERS

LANDFILL AUDIT MAP

**ADVANCED DISPOSAL SERVICES
EMERALD PARK LANDFILL / CITY OF MUSKEGO
AUDIT PHOTOS**

PROJECT NO. 1012.10030



View of Emerald park from the North



Phase 7B West



Various covers in Phase 7B



Active area viewed from the North



Vegetation recovery without seeding on interior slopes



Working face with in phase 7B



Soil excavations for site use



Fluff layer placement



Fluff layer placement



Active area viewed from Northwest



Temp sump being drained during audit