



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 08/13/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 4, 2014. The audit was performed at 10:55 AM on **August 8, 2014** by Jo Spear, Jr. in the presence of Dean Driggett.

Landfill Operations Audit:

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

- Working faces for MSW in Phases 6. and 7B, against West slope of Phase 6.
 - Diverting select wastes to new footprint for fluff layer in Phase 7B West
- One compactor, two dozers, and one water truck in use
 - D8 Dozer not in service – to be rebuilt in 2015
 - Auto fluff and polyshred in use for daily cover
- All leachate discharging to MMSD
 - some surface application on Phase 3
- Gas plant delivering, no flare since last audit
 - One blower in operation
 - 1,400 cfm gas flow to MMSD discharge consistent all week
- No storm events since last audit
 - Site dry except for water truck activities
- Minor odors on-site at Phase 6 toe slope
- Periodic liquid loads tipped in Phase 7B
- Litter on-site, but clear off-site
 - Two pickers at work
 - One picker in Phase 7; other running residential drop-off
- US 45 and 8 Mile Road clean; site roads clean
- Scale camera in use; 1 equipment operator; no spotter
 - Receiving approximately 1,200 TPD of MSW
 - MSW only coming in; approximately 1,200 tpd
 - Random load inspection on 8/8/14
 - No rejected loads
- Residential drop-off area clean; boxes relatively empty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- E-Waste container open for receiving
- Berm screening gun range is greening up nicely
 - Grass growing through erosion matting
- Contractor seeding and haying slopes of Western-most stockpile in Future Parkland

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 8, 2014
 Auditor on site at: Open Close

TIME 10:55

WEATHER Clear Sunny, no cloud cover

WIND 0-5, still
 N E W

TEMP Maximum 77 °F Minimum 61 °F

B.P. 30.13

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						
<u>1</u>	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>DB Dozer</u>						

A. Working Face Size and Location:

Working Face for MSW is Phase 6/7B
against West slope of Phase 6.
Select wastes for fluff layer
being received in new fast print
Phase 7B West.



Cover Material:

Autohuff & Polystyrene

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

Some surface application on Phase 3

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:			#	1,400 cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Discharge to MMSD all weeks.

D. Surface Water Management:

Storm Events Since Last	#	0	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Site dry except for water truck activities

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor odor at Phase 6 toe.

F. Liquid Loads Received:

Periodic tipped in Phase 7B



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:

One Picker in Phase 7 other Picker
running Drop off location

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 1/2 Mile clean

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:	8/8/14				
Tonnage:	1,200				

Comments:

MSW only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

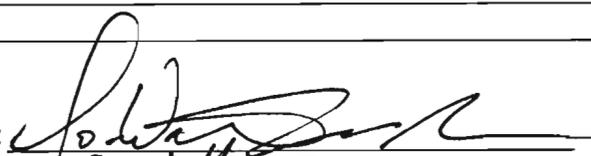
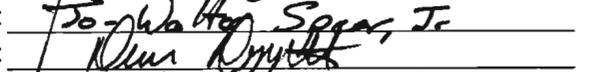
L. Residential Drop Off: Open During Audit E-Waste Container Present

Basin Area clean, boxes relatively empty



M. Other Comments:

- * Gun Range berm greening nicely, Grass growth through erosion matting.
- * E-Waste containers open for recycling.
- * Contractor seeding and haying slopes of Western stockpile in Future Parkland

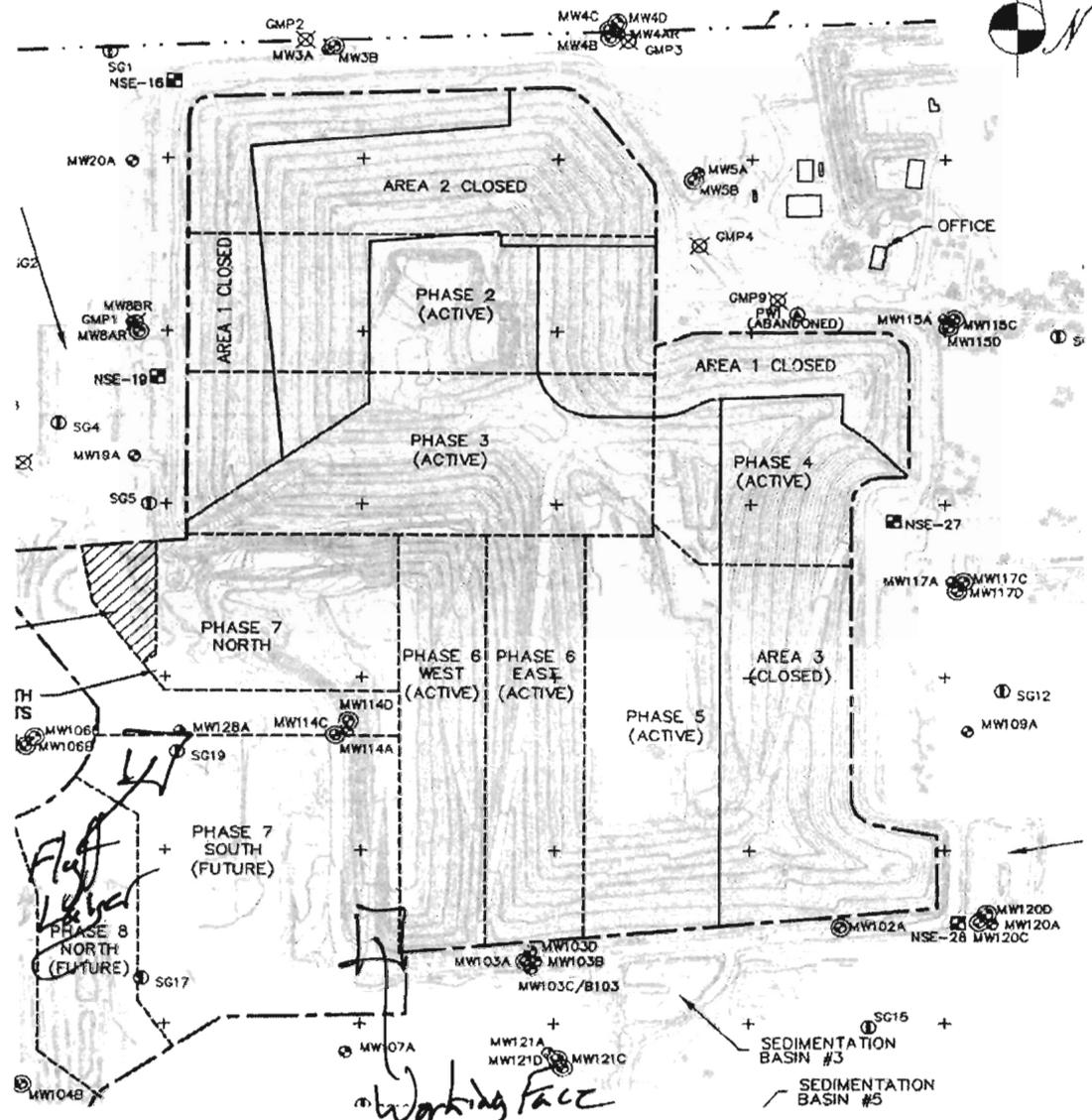
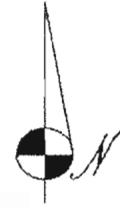
Auditor's Signature: 
Auditor's Printed Name: Joseph Walter Spras, Jr.
Management Signature: 
Management Printed Name: DEAN DRIGGETT
Management Title: _____
JSA Principal Signature: _____

Date: 8/8/14
Date: 8/8/14
Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




JSA
 CIVIL ENVIRONMENTAL
 ENGINEERS

WWW.JSACIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3000

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



New bio-soil placement in Phase 4/5



Cason well in Phase 3



Active Area in Phase 7B



Working face along Phase 6, West Slope



Active area of Phase 7B not in use today



Fluff layer started in Phase 7B West



Working face along Phase 6, West Slope



Working face along Phase 6, West Slope



Working face along Phase 6, West Slope



Phase 7B West viewed from the West



Fluff layer being spread out in Phase 7B West



Temp Sed Basin (sump) for Phase 7



Western stockpile of Future Parkland, Seeded and mulched (hay)