



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/31/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 13, 2014. The audit was performed at 2:10 PM on **July 15, 2014** by Jo Spear, Jr. in the presence of David Geier.

Landfill Operations Audit:

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

- One Working Face
 - Working face in Northwest corner of Phase 7B receiving MSW and soil
- One compactor, one dozer, one excavator, and one haul truck in operation
- Autofluff and Poly shred in use as daily cover
- All leachate discharging to MMSD; no recirculation
- Gas Plant in use during audit
 - Flare lit on July 14 due to moisture content
 - One blower in operation
 - Gas flow to MMSD steady at 1,600 cfm
- Heavy rains since last audit
 - Site suffered minimal erosion
- No noticeable odors on or off-site
- 40,000 gallons of Liquid expected during week, pit on top of Phase 6/7 prepared for receipt.
- Litter on-site, but clear off-site
 - Two pickers – operating weed eaters during audit
- US 45 and 8 Mile Road clean
 - WMWI contracted sweeper cleaning US 45 during audit
- Scale camera in use; 4 equipment operators; no spotter
 - Receiving approximately 2,400 TPD
 - Random load inspection on 7/11/14
- New D6 Dozer received with waste package, awaiting other installations before use
- Site ditches cleaned by site operators
- Seeps repaired by site operators
- Construction activities
 - New drainage basin for stockpiles in Future Parkland completed and in operation
 - Stockpiles dressed with top soil and prepared for seeding
 - Backhaul contractor excavating soils in future Phase 8, tri-axle dumps leaving site loaded through main entrance.

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE July 15, 2014 TIME 2:00
 Auditor on site at: Open Close

WEATHER Clear & Sunny, with dark clouds to the NW WIND 10-15 N S E W

TEMP Maximum 71 °F Minimum 51 °F B.P. 30.20

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
1	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 in Northwest corner of Phase 7B
receiving MSW & Soils.

Put dig to Phase 6/7 for receipt of liquid
waste.



Cover Material:

Auto flag and plastic sheet

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

Comments:

Shutdown yesterday, due to moisture

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 21.5⁴

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

Heavy rains last week, site rechecked with
NO ISSUES

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors during Audit

F. Liquid Loads Received:

Expected 40,000 gal of Liquid Waste Water



G. Litter Control:

Litter Present Onsite:	YES <input checked="" 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 minimal
Pickers clearing ditches with weed eaters

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

USDS of 3 Mile clean. WMWR Sweeping contractor active during Audit

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"/>	#
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:	<i>7/11/14</i>		
Tonnage:	<i>2,400 TPD</i>		

Comments:
MSW with soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

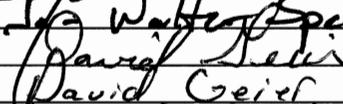
L. Residential Drop Off: Open During Audit E-Waste Container Present

New ewaste contractor to deliver new collection box



M. Other Comments:

- * New D6 Dozer onsite, will be in use after final modifications and staff training
- * Ditches cleaned after storm events
- * Contractor onsite to restore conditions after Terra completed gas system work
- * Excavation along Phase 1B access road for use in slow coverage and seep repairs
- * Prior to Audit several seeps were repaired

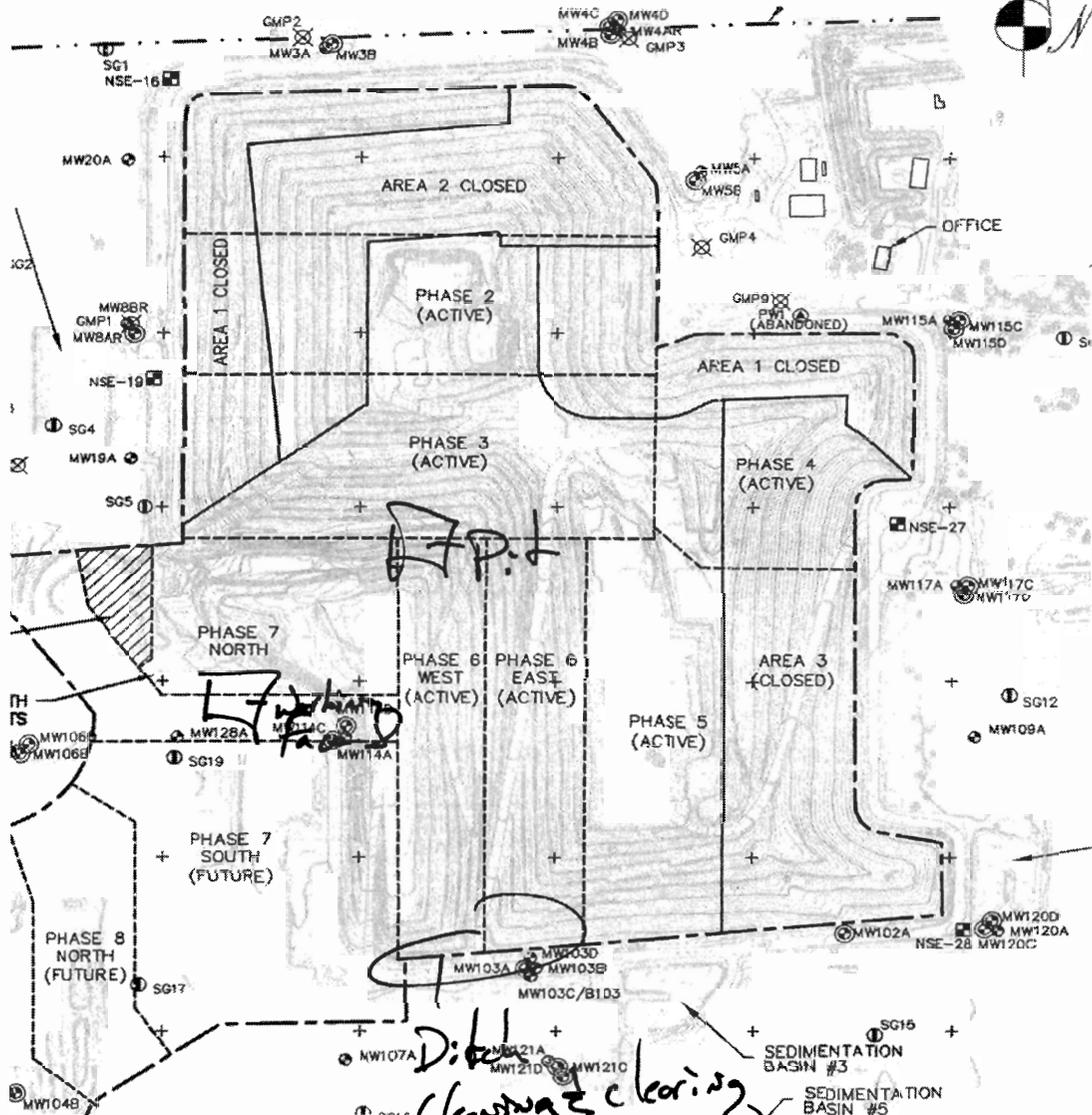
Auditor's Signature: 
Auditor's Printed Name: J. A. Waterbury, Jr.
Management Signature: 
Management Printed Name: David Greig
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 7/15/14
Date: 7-15-19
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
 LANDFILL CONTRACTORS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE July 15, 2014 TIME 2:20

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

- * New drainage basin completed for stockpile runoff
- * Stockpiles prepared and seeded
- * Backhaul contractor excavating slopes in future Phase B



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

PROJECT NO. 1012.10030



New D6 LGP R dozer, with complete waste package



Stockpile prepared for seeding



Phase 7B new base placement



Basin for stock piles in Future Parkland



Soil placement for restoration of slopes in phases 4-6



Seep repair in Phase 4, above cap placement

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

