



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 June 29, 2014. The audit was performed at 11:15 AM on **July 1, 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:

- Two Working faces
 - MSW tipped along Northern edge of Phase 7B, South slope of Phase 7
 - Bio Soil being tipped in Phase 3
- One compactor and 2 dozers in operation
 - D8 Dozer not in service due to breakage
- Autofluff, Poly shred, and C&D Materials stockpiled for cover
- All leachate discharging to MMSD; no recirculation
- Flare lit at gas plant
 - One blower in operation
 - Moisture content too high to deliver LFG to MMSD
- Two rain events since last audit
 - Basins have adequate freeboard
 - Temp Sed. Basin being pumped to Basin #1 by Mueller
- Beer brewing and honey odor onsite during audit
- Liquid loads periodic; directed to Phase 7
- Litter on-site, but clear off-site
 - Two Pickers
 - Pickers clearing metal debris from truck traffic areas of Phases 3-5
- US 45 and 8 Mile Road clean; site roads gritty
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 2,900 TPD – average for month
 - Random load inspection on 6/27/14
 - No rejected loads
- Residential drop off closed
 - Drop off containers mostly full
 - E-waste container locked, City changing contractors
- No Contractors on site

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 1, 2014 TIME 11:15
 Auditor on site at: Open Close

WEATHER Sunny, Some Clouds, Possible Storm WIND S-25
 N E

TEMP Maximum 77 °F Minimum 60 °F B.P. 29.68

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						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>DB Dozer</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face at Northern border of Phase 7B against Phase 7 south slope. Landfill
Direct soil being tipped in Phase 5, and
Bio Soil tipped in Phase 3



Cover Material:

Autofluff, plastic shred, & C/D materials

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

Comments:

Moisture content too high to deliver gas

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 71"

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

Basins have adequate freeboard. Temp Sump being pumped down during Audit

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Beer & Honey odor onsite

F. Liquid Loads Received:

Peroxide



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 removing metals from truck traffic areas of Active area, Phases 3, 4, & 5

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 & E Mile road clean, site roads gritty

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"/>	#	4
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						6/27/14
Tonnage:	22,900 TPD for SWRC					

Comments:

MSW & Soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

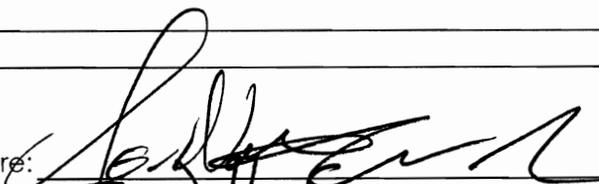
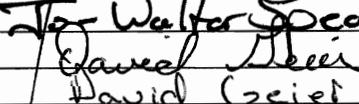
L. Residential Drop Off: Open During Audit E-Waste Container Present

Drop off containers was they full. E Waste Container locked.



M. Other Comments:

- * Site slopes in excellent condition after storm events
- * Terra third party restoration contractor still expected on site
- * Blue Her inactive during Audit, possibly due to weather. Schedule for shooting range beam unknown

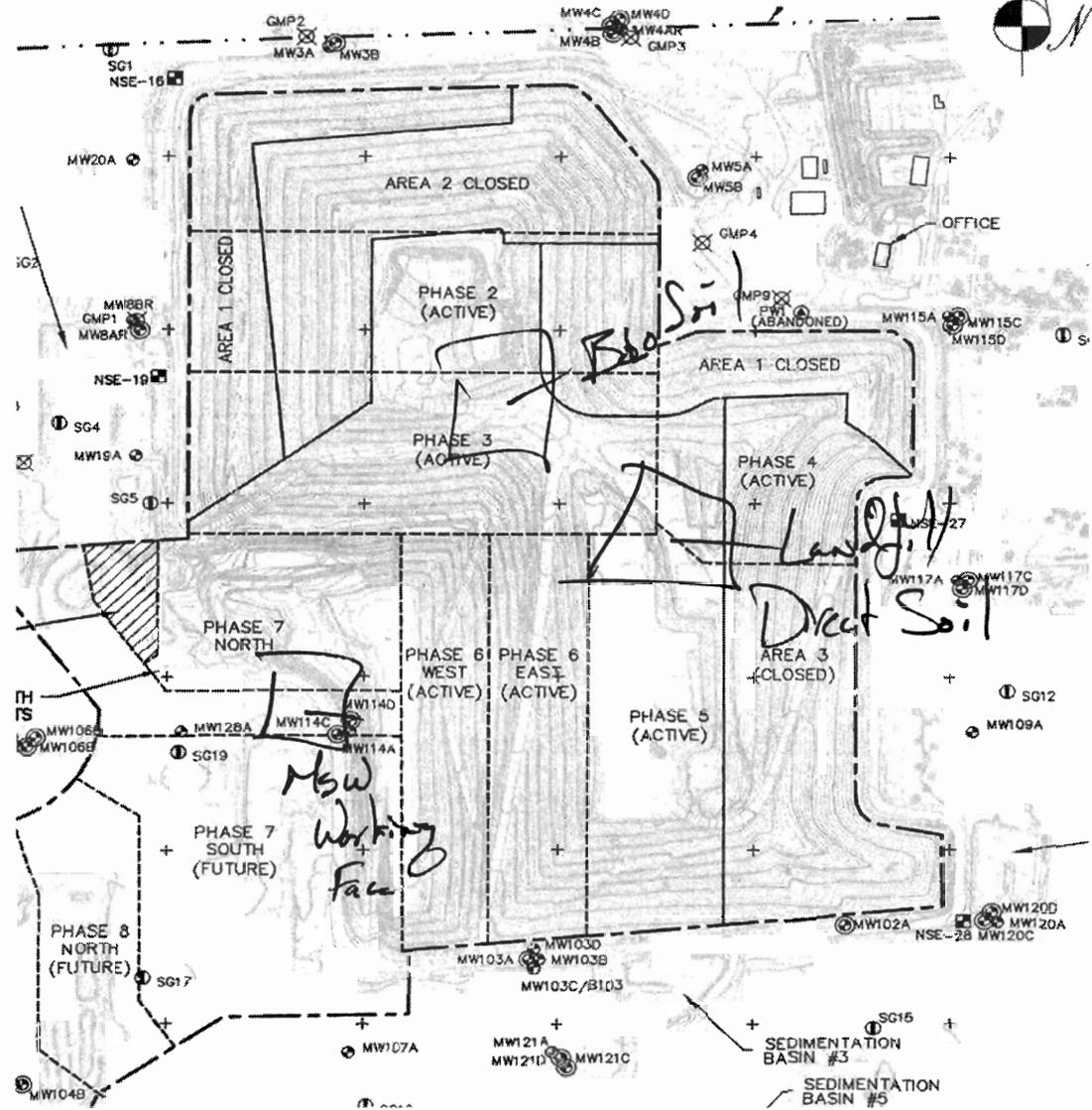
Auditor's Signature: 
Auditor's Printed Name: Jay Walter Dear, Jr.
Management Signature: 
Management Printed Name: David Geisel
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 7/1/14
Date: 7-1-14
Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030



JSA
 WWW.JSA-CIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3006
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Ditches recut after storm events.



Landfill direct soil being tipped on top of Phase 5



Phase 7B new base placement



Leachate collection system media being restored on South Slope of Phase 6



Working face in Phase 7B



Active area viewed from West



Completed base of cell

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

