



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Jo-Walter Spear, Jr. P.E.
COPIES: File
DATE: 08/09/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 29, 2013. The audit was performed at 3:38 pm on **August 1, 2013** by Jo Spear, Jr. in the presence of David Geier.

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

- MSW only being tipped and the only working face is in Phase 7
 - Autofluff used for daily cover
- Leachate being discharged to MMSD, no recirculation
- One flare and one blower in operation, one shut down since last audit
 - Moisture content of gas too high for MMSD use
 - Additive odor strong about gas building
- Two storm events since last audit, <1.5”
 - Basins have very little water in storage
 - Ditches need cleaning
- No odors on or offsite, besides from gas building
- Liquid loads periodic
- Minor litter on site and 2 pickers active
- US 45 & 8 Milke Road clean; site roads gritty
- Tipping scale camera and two equipment operators inspecting waste
 - Random load inspection date NA
 - No tipping during audit due to end of day, cover being placed
- Residential drop has e-waste container present
- Land fill side slopes, mowing initiated, but equipment failure has prevented completion
- Construction entrance was open during audit; noted, closed and locked by Dave Geier
- One compactor, two Dozers, and Excavator in operation,
 - D6 Dozer needs repairs

Attachments:
Action Items List / Landfill Operations Audit Form
Audit Photos



M E M O R A N D U M

- Forcemain along North perimeter road has crested from the ground, contractors repairing during day activities and at time of audit
- Construction audit
- No construction activities due to wet conditions and repair of forcemain

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 August 1, 2013 TIME 3:38
 Auditor on site at: Open Close

WEATHER Clear Sunny High Clouds WIND 1-10
 (N) S (E) W

TEMP Maximum 80 °F Minimum 62 °F B.P. 29.98

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	D6 Dozer	✓					

A. Working Face Size and Location:

Working face MSW only in Phase 7. No other working faces in operation, No soils or concrete/C&D loads.
Working face in Southwest corner of Phase 7



Cover Material:

Auto-luff stack piled and being placed during audit

B. Leachate Management:

Discharge to MMSSD 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 checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit			#	
Shutdowns Since Last Audit:			#	
Flow to MMSSD:			#	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 for MMSSD
Additive odor about Gas Building

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume ~1.54

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

Basins low ditches need cleaning

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Odor from gas building, not from garbage

F. Liquid Loads Received:

1 on 7/31



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:

no litter

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 & 8 Mile Road clean. Site roads 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:	<i>1,600 TPD</i>					

Comments:

gloving audit after haul company trucks are off site

J. Rejected Loads:

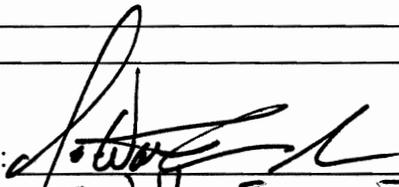
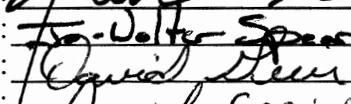
	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

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



M. Other Comments:

- * Contractor Mowed closure areas and intermediate cover slopes with grass
- * Contractor for excavation unable to work due to wet conditions
- * Force main exposed on North Haul Road being repaired during audit

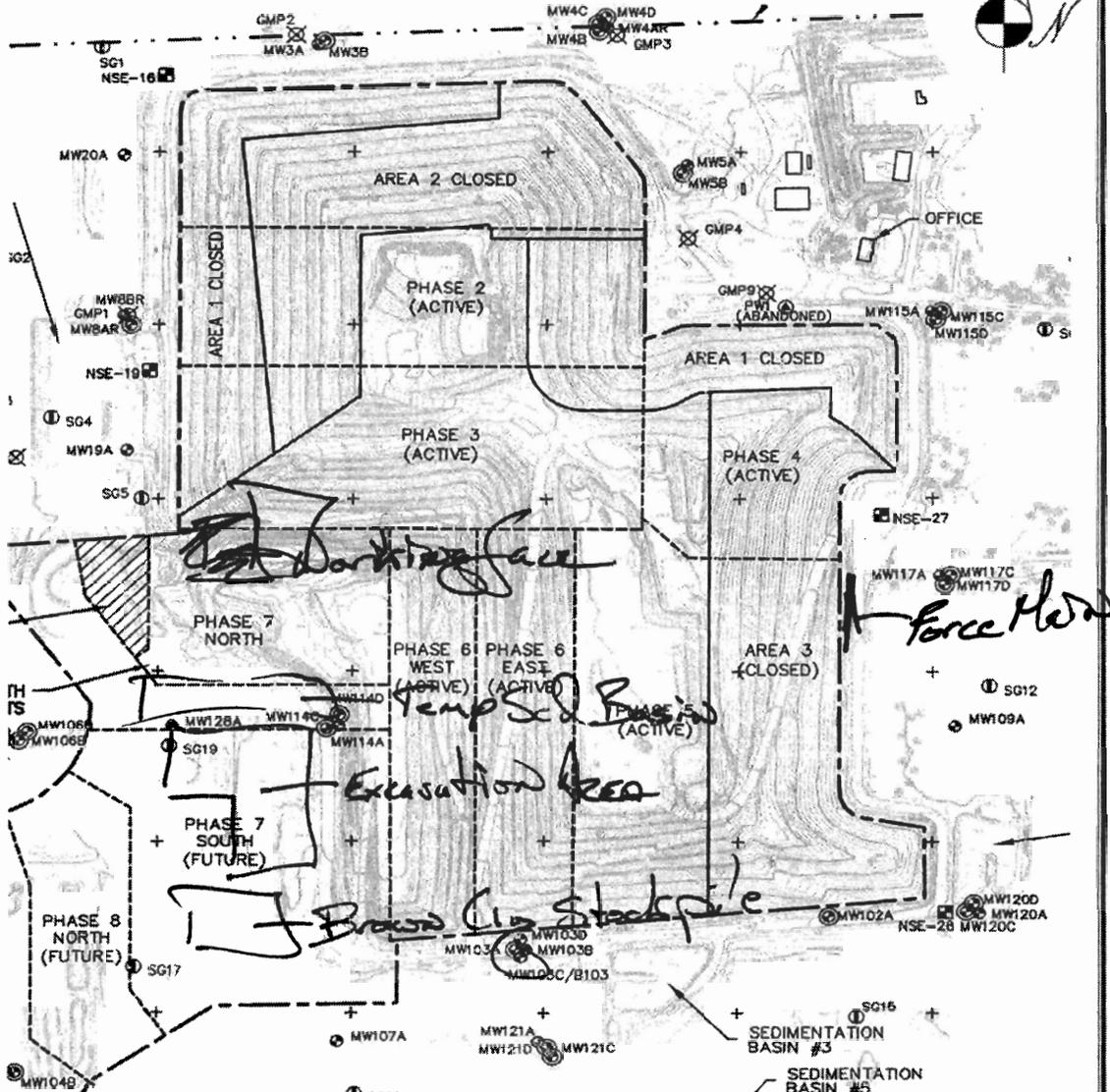
Auditor's Signature: 
Auditor's Printed Name: Tom Volter-Spear Jr
Management Signature: 
Management Printed Name: David Czeiel
Management Title: Ops Manager
JSA Principal Signature: _____

Date: 8/1/2015
Date: 8-1-13
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

VEOLIA Emerald Park Landfill
Action Items Checklist
City of Muskego Audit

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP	06/06/2013	28	All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.
2	07/25/2013	Construction entrance open and unattended	NR530.10(11)	ASAP	07/25/2013	0	David Geier, Site Manager, closed and locked gate during audit

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

PROJECT NO. 1012.10030



Harvesting of soils for use in daily and intermediate covers.



Active area viewed from the South



Active area, Phase 7



Dozer moving to begin cover placement



Active area, compactor withdrawing to allow cover placement



Working face with dozer preparing for cover placement



Excavation area and temp sed pond



Forcemain, forced to the surface, exposed for repairs.



Raised and exposed forcemain