



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 August 4, 2013. The audit was performed at 12:47 pm on **August 7, 2013** by Jo Spear, Jr. in the presence of David Geier.

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

- Working face moving from West to East in Phase 7 along junction with Phases 2 & 3
 - Autofluff & site soils used for daily cover
 - Previously tipped soils being harvested for use and airspace for MSW
- Leachate being discharged to MMSD, no recirculation
- One flare and one blower in operation, one shut down since last audit
 - LFG quality not acceptable for MMSD use
- No storm events since last audit
 - Dry conditions
 - Ditches need cleaning
- No odors on or offsite
- Liquid loads periodic
- Minor litter about working face and 2 pickers active
- US 45 & 8 Milke Road clean; site roads dusty
- Tipping scale camera and two equipment operators inspecting waste
 - Random load inspection date 8/2/13 ~1,600 tpd
 - MSW with minimal soil loads tipped in Phase 7
 - No rejected loads
- Residential drop off cleaned & empty; e-waste container present
- Drip leg in Phase 6W, on West Slope, being repaired and extended during audit
- Land fill side slopes partially mowed due to equipment failure of contractor
- Forcemain along North access road set to grade and backfilled.
- One compactor, Dozer, Water truck and Excavator in operation,

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



M E M O R A N D U M

- D6 Dozer needs repairs
- Construction audit
 - One Dozer, 2 Excavators, and 5 Haul Trucks working on Excavation of Phase 8
 - Stock piling in Future Parkland

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. 102010030

DATE August 7, 2013
 Auditor on site at: Open Close

TIME 12:47

WEATHER Sunny, Cloud Cover

WIND W 0-5
 N S E W

TEMP Maximum 84 °F Minimum 60 °F

B.P. 29.81

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	<u>Compactor</u>						
<u>2</u>	<u>Dozer</u>						
	<u>Excavator</u>						
	<u>Haul Truck</u>						
	<u>Water Truck</u>						
	<u>Grader</u>						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>D6 Dozer</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face mostly westward against slope
of Phase 1-3. Soil previously tipped
being excavated and stockpiled in
Phase 7 southwest corner and junction
with Phase 2
Soils load today received in Phase 7



Cover Material:

Asphalt & Soil

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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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:			#		0	cfm		
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Quality not acceptable at MMSD

D. Surface Water Management:

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

Basins & Ditches drying

E. Odor Control:

Odors Present:	Onsite	<input type="checkbox"/>	Offsite	<input type="checkbox"/>
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Comments:

No odors

F. Liquid Loads Received:

2-3 loads per week



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:

Minor litter about working face

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 road clean, Site roads dusty

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"/>	#	2
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	8/2/2013			
Tonnage:	1,600 TPD			

Comments:

Small soil loads 1/2 MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Bases emptied



M. Other Comments:

* Dip leg repair & extension on West Slope of Phase 6 above Haul Road

* Soils from previous tipping being relocated to provide MOW space in Phase 7

* Mower equipment & down so contractor not active

* Foreman repaired and placed 4.5' below grade, then backfilled.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 8/7/2013

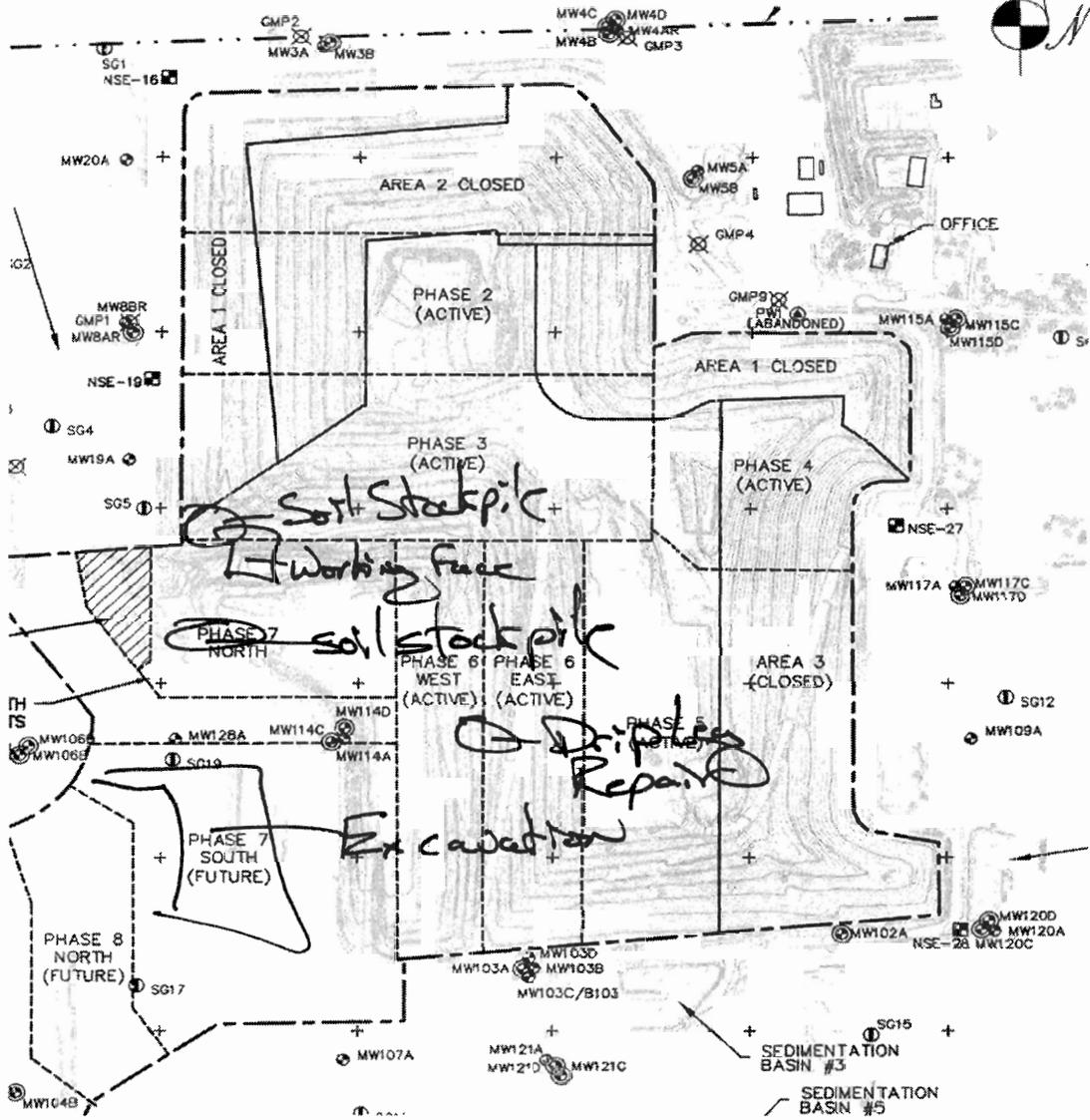
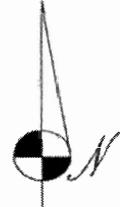
Date: 8-7-2013

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 August 7, 2013 TIME 12:54

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

Excavation at Northern edge nearing subgrade levels. Stock piling in future Parkland roadway



B. Excavations / Soil Management:

Final grades still a distance of

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4	N/A	
5		
6		
7		
8		
9		
10		

Auditor's Signature: [Signature]

Auditor's Printed Name: Jo-Walter Spencer Jr

Management Signature: [Signature]

Management Printed Name: David Coe

Management Title: Operations Manager

Date: 8/3/13

Date: 8-7-2013



**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



Working face



Stockpiled soils



Infiltration trench for liquid loads



Working face



Soil stockpiles on active area



Excavation area



Excavation area



Phase 6 & 7 viewed from the South



Active area, South slope of Phase 7