



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: 09/19/2013
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 12, 2013. The audit was performed at 2:55 pm on **September 19, 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 covers old access road to Phase 7
 - Road surface removed prior to waste placement; to discourage potential lense
 - Soil areas undergoing re-contouring and grading
- Autofluff & soils used for cover; Autofluff volumes restored
- One compactor, 2 Dozers & one water truck in use during audit
- Leachate discharging to MMSD; no recirculation
- One blower in operation; flare shutdown since 9/16
 - Vegetation in fair condition
 - Gas delivery to MMSD begins this week
- Several very brief storm events since last audit estimated; less than 2"
 - Freeboard in basins & ditches
- No odors
- Three Liquid loads on 9/19
- Minor litter in active area
 - Two pickers working; windy conditions
- US 45 & 8 Mile Road clean; site roads gritty
- Tipping scale camera in use; equipment operators; no spotter
 - Random load inspection on 9/18/13
- Residential drop-off clean; e-waste container present
- Soils in Phase 3 approximately 34" below final elevation
- Soils in Phase 5 approximately 5' below final elevation
- Construction halted due to rain; may return to work tomorrow

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

**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
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE September 19, 2013
 Auditor on site at: Open Close

TIME 2:55

WEATHER Clear, Sunny, Humid

WIND 10-20
 N 5 E W

TEMP Maximum 87 °F Minimum 67 °F

B.P. 29.9c

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face on old access road to phase 7,
road removed prior to waste filling to
remove potential leach effects
Soil areas not receiving waste, but
recountered and graded.



Cover Material:

Autofill and soils

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: *None*

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"/>	#	
Flare use since last audit	# <i>9/16 - Current</i>			
Shutdowns Since Last Audit:	#			
Flow to MMSD:	# cfm			
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Delivery to MMSD this week

D. Surface Water Management:

Storm Events Since Last # *5* Est. Volume *2"*

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

Basins and ditches have capacity

E. Odor Control:

Odors Present: Onsite Offsite

Comments: *No odors*

F. Liquid Loads Received:

Three on 9/19



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:

Minor litter about active area
Pickers combusting winds in Active Area

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 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:						9/12/13
Tonnage:						

Comments:

J. Rejected Loads:

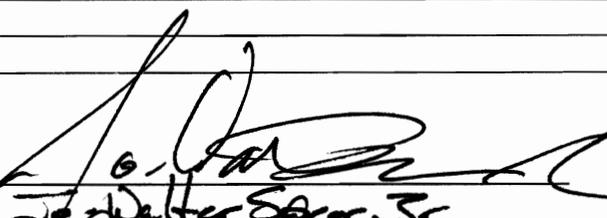
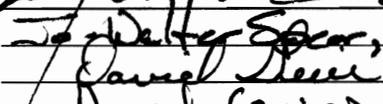
	Date/Time	Reason for Rejection
1.		None
2.		

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



M. Other Comments:

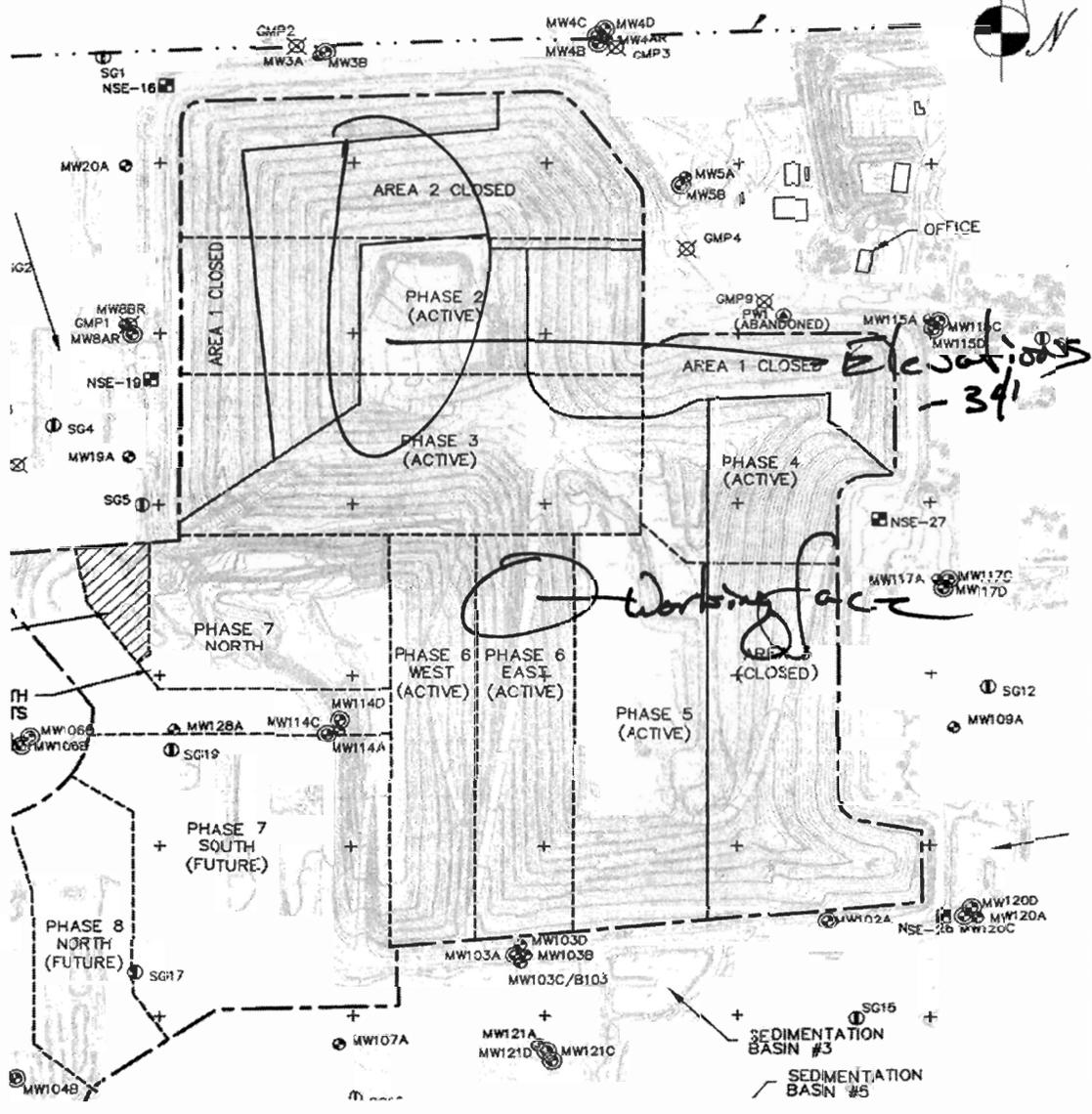
* Soils on Phase 3 ~ 34' below final Elevation
Soils on Phase 5 ~ 5' below final Elevation
* Construction halted due to rain conditions
may return to work tomorrow.
* Aesthetics volume restored

Auditor's Signature:  Date: 9/19/12
Auditor's Printed Name: J. Walter Spear, Sr.
Management Signature:  Date: _____
Management Printed Name: David Geier
Management Title: Ops Manager
JSA Principal Signature: _____ Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030



JSA
 WWW.JSACIVIL.COM
 525 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
**CIVIL ENVIRONMENTAL
ENGINEERS**

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Windy day, litter filling fences in Active area



Working face



Working Face



Transition point of Phases 3,4,5,6,& 7



Western stockpile viewed from Emerald Park (South)



Eastern Stockpile viewed from Emerald Park (South)



Equipment staged during bad weather



Excavation



Temp Sed Basin



Excavation



Excavation