



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/15/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 16, 2014. The audit was performed at 3:40 PM on June 18, 2014 by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

Landfill Operations Audit:

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

- Working face in Northeast corner of Phase 7B
 - Compactor used for placement
 - Dozer used to place plastic waste alternative daily cover
- One compactor, one dozer, one excavator and one haul truck in operation
- Plastic waste used as Alternative Daily Cover (ADC)
- All leachate discharging to MMSD; no recirculation
- No flares and one blower in use
 - Flares used once since last audit
 - Gas flow to MMSD about 1,400 cfm
 - Flare used previously due to moisture content of gas
 - Vegetation in fair condition
- Three storms since last audit; approximately 1"
 - Ditches cleaned today of accumulated silt from storms
 - Basins have freeboard
- No noticeable odors on or off-site
- Liquid loads periodic
- Litter on-site, but clear off-site
 - Two pickers at work
 - Minimal litter apparent
 - Some flagging revealed by erosion
- US 45 and 8 Mile Road clean; site roads wet and muddy
- Scale camera in use; two equipment operators; no spotter
 - Receiving approximately 3,100 TPD
 - Random load inspection on 6/13/14

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Receiving MSW, soils and demolition debris
- No rejected loads

- Residential drop-area clean
- Boxes emptied and ready

Construction Audit

- Construction halted due to stormy conditions
- Connections between Phase 7B and 7 ongoing

- Leachate collection system construction is underway
 - Collection piping is not yet installed

- Sump and temporary sedimentation basin filled, but not overflowing
 - Pumps active all day

- Terra finished their portion of project and off-site
 - Third party contractor expected next week
 - To restore slopes and other areas damaged during construction

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

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



44445
91

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

PROJECT NO. 1020.10030

DATE June 18, 2014
Auditor on site at: Open Close

TIME 3:40

WEATHER Overcast with some Sun & Storms

WIND 0-5
N 0 E W

TEMP Maximum 69 °F Minimum 57 °F

B.P. 30.10

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	D8 Dozer						

A. Working Face Size and Location:

Working face is North east corner of Phase 7B.
Compactor finishing placement and Dozer
covering with plastic Waste Alternative
Daily Cover (ADC)



Cover Material:

Plastic Waste ADC

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 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:		#			cfm	1400		
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Flare in use previously due to moisture

D. Surface Water Management:

Storm Events Since Last	#3	Est. Volume	>1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Business have freeboard, ditches cleaned today due to silt for storm events.

E. Odor Control:

Odors Present:	Onsite	<input type="checkbox"/>	Offsite	<input type="checkbox"/>
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Comments: No odors on or off site

F. Liquid Loads Received:

Periodic



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:

Minimal litter, though some flagging received by CRSTON

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

US45 & 8 Mile clear. Site roads muddy & wet

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"/>	#	0
Random Load Inspection Dates:	6/13/14			
Tonnage:	3,100 TPD			

Comments:

MSW, Soils, & Demolition.

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Resi boxes emptied



M. Other Comments:

* Construction halted due to rain.

Connections between 7B & 7 ongoing.
Leachate collection system install ongoing
collection pipe not yet installed

* Sump, temp sed basin, filled, but not
overflowing. Pumps active all day

* Terra finished and off site. Third party
contractor expected next week to
restore slopes and other construction
areas.

Auditor's Signature:

Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:

[Handwritten Signature]
Jo-Walter Oped, Jr
David Geier
Operations Manager

Date: 6/18/14

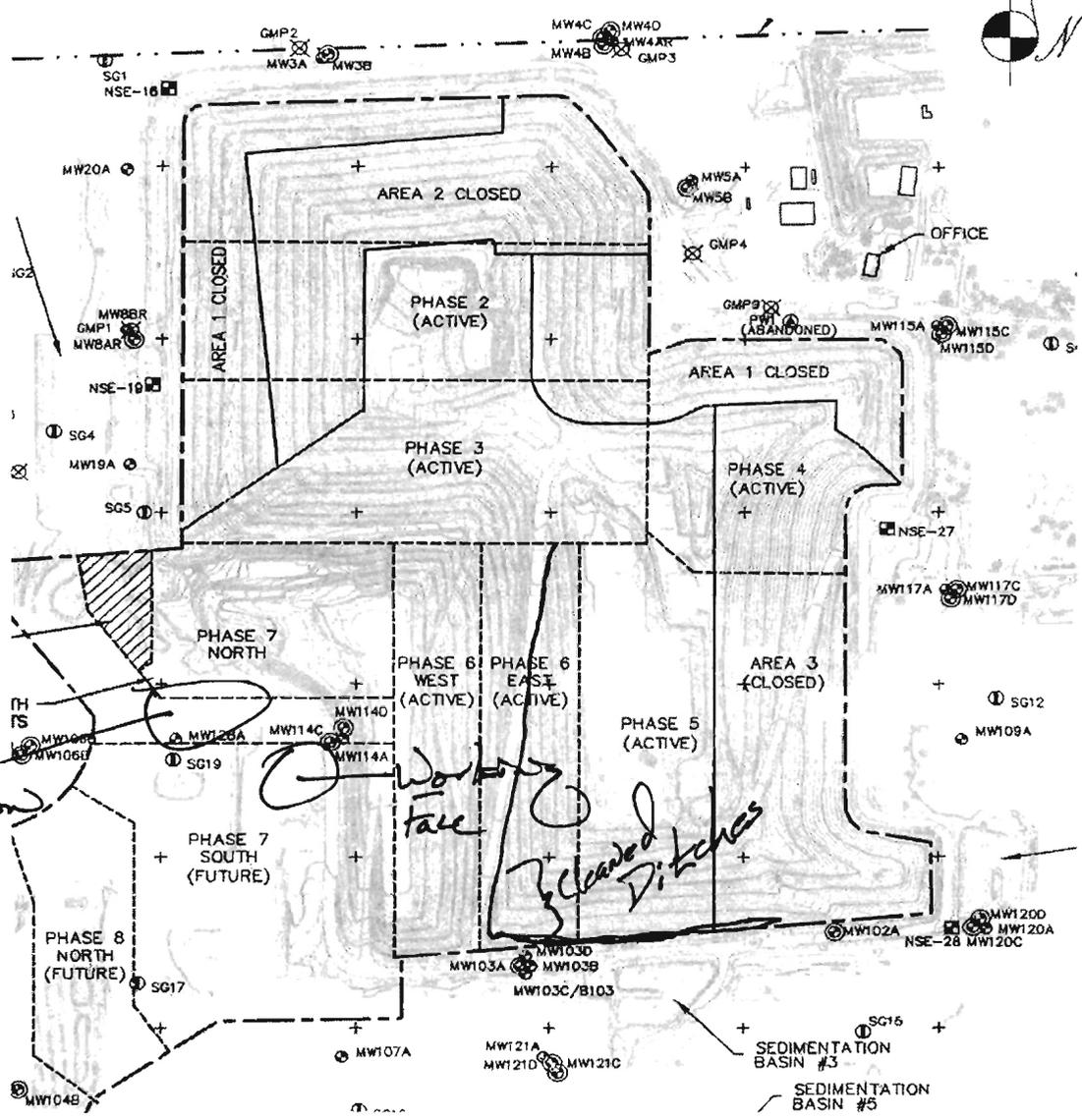
Date: 6-18-14

Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030



Construction Area

JSA
 www.jsacivil.com
 325 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



Ditches cleaned along South edge of Phases 5 & 6



Ditch cleaning and restoration about Phase 5 Southwest corner



Phase 4, surface restored with C&D materials and intermediate cover



Temp sed Basin and additional excavation location in Northwest Corner of Phase 7B



Phase 7B new liner deployment viewed from North



Phase 7B viewed from East



Phase 7B viewed from Northeast



Working face in Phase 7B