



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 July 27, 2014. The audit was performed at 11:45 AM on **July 31, 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:

- One Working Face
 - Working face cut into West slope of Phase 6. Removed soils being used for cover
- One compactor, one dozer, and one haul truck in operation
 - D8 Dozer not in service due to breakage – to be rebuilt in 2015
- C-Soils being used for augment cover during audit – Autofluff and Poly shred available for daily
- All leachate discharging to MMSD; no recirculation
 - All head levels are below maintenance elevations
- Gas plant delivering, flare used once since last audit
 - One blower in operation
 - Gas flow to MMSD steady at 1,400 cfm
- No storm events since last audit, basins draining
- No noticeable odors on or off-site
- Liquid loads periodic
 - Trenching in Phase 6 filled
- Litter on-site, but clear off-site
 - Two pickers at work
- US 45 and 8 Mile Road clean; site roads dusty
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,200 TPD of MSW
 - Soil loads being received, but no total tonnage available during audit
 - Random load inspection on 3/25/14
 - No rejected loads
- Residents illegal dumped at dropoff on 7/14, caught and fined by police
- E-Waste, new contractor, has not collected e-waste that is being left on ground
- No construction activities by contractors
- New Bio-soil location, located on Phases 3-6, South of large pile on Phase 3

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 24, 2014
 Auditor on site at: Open Close

TIME 1:53

WEATHER Clear Sunny, Beautiful

WIND 0-10
 N 0 E W

TEMP Maximum 74 °F Minimum 60 °F B.P. 30.19

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 against Phase 7 South slope
North edge of Phase 7.
No other working faces open today.
Liquid trench in Phase 3 still open but not
receiving waste



Cover Material:

Auto-luff & plastic shred

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
-------------------	-------------------------------------	---------------	--------------------------

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:			#			7 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 delivery

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	2.514
-------------------------	---	---	-------------	-------

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

Business have plenty of freeboard. Ditches have flow due to active site watering

E. Odor Control:

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

Comments:

No odors

F. Liquid Loads Received:

Increased this month



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"/>	# 1

Comments:

Pickers active during audit

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 & B Mile Clean

Site roads being wetted by water trucks during audit

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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						7/12/14
Tonnage:						1,800 TPD

Comments:

Site receiving MSCW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

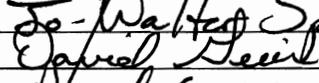
Residential Drop Off:	Open During Audit	<input type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
-----------------------	-------------------	--------------------------	---------------------------	-------------------------------------

E Waste Contractor contract incomplete



M. Other Comments:

- * No construction activities today
- * Planting ^{Seeding} completed on Terra area repairs
Seeding on stock piles completed
Hay or straw needed for seed cover.
- * Hot load received 7/24/14, ^{10:18 AM} immediately addressed and not visible by the time of Audit. Generator dealt with paperwork completed. Next load from generator will be inspected.
- * Future Portland has stock piled asphalt that will be removed ~~prior to~~ by August.

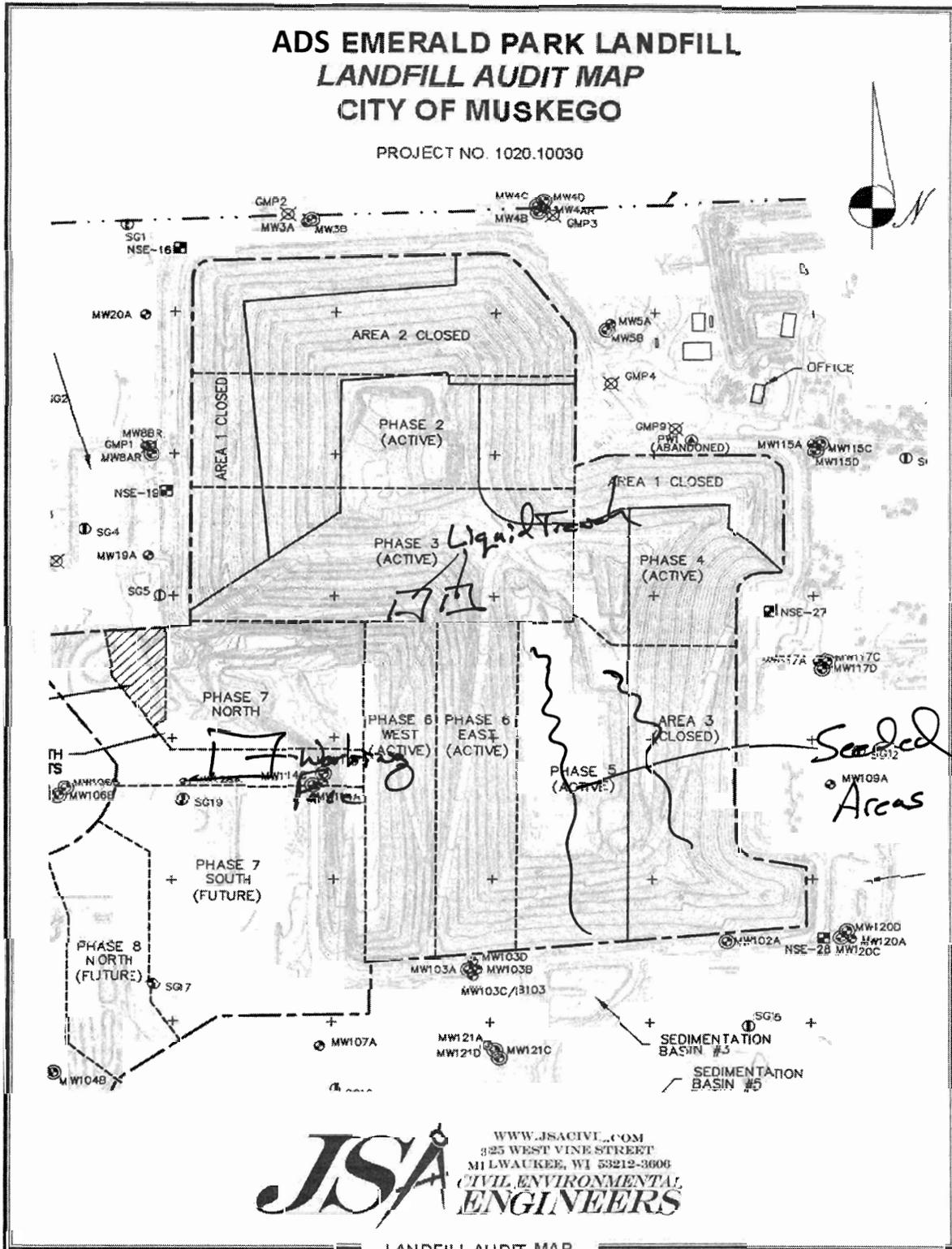
Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: David Geier
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 7/24/14
Date: 7-24-14
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 / CITY OF MUSKEGO
AUDIT PHOTOS**

PROJECT NO. 1012.10030



Slope repairs and sluce development on South slope of Phase 5.



Active area in Phase 7B



Active Area in Phase 7B



Active area in Phase 7B



Cell base awaiting State approval



Phase 7B viewed from the West



Sump for Phases 7 & 7B, and surrounding area runoff



New drainage way on West Slope of Phase 2.

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

