



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 10/07/14  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 22, 2014. The audit was performed at 12:00 PM on **September 23, 2014** by Jo Spear, Jr. in the presence of David Greir, Operations Manager.

### Landfill Operations Audit:

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

- Working face for MSW in Phase 7B along Phase 6 East slope.
  - Establishing entrance ramp for future access to Phase 7B
- Soil loads going to Phase 5
- Liquid loads to Phase 6
- One compactor & two dozer working on site
  - One D6 and one D8 in for repair
- Auto fluff, poly shred and soils in use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
  - Gas plant delivering, no flares in operation during audit
  - One blower in operation
  - vegetation in fair condition
  - cooler temperatures have improved gas delivery
  
- One storm event since last audit; about 1"
  - Site dry, but basins still draining
  - Basin 3 received the most runoff and is the fullest
- No odors
- Liquid loads tipped in Phases 6 pit
  
- Minimal litter on-site
- Fences moved higher above active fill area
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty
  
- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 2,00 tpd of MSW and contaminated soils

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Random load inspection 9/17/14
- No rejected loads
  
- Residential drop-off site clean
  - E-waste container present
  - half of boxes full
  
- Repairs underway on South slope of Phase 5
  - Repairing soil erosion
  - Expected to seed this fall
  
- Seeding completed over gas improvements
  - sprouting grasses visible

### 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

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

PROJECT NO. 1020.10030

DATE September 23, 2014

TIME 12:00

Auditor on site at:  Open  Close

WEATHER Clear, Sunny, No Clouds

WIND S-15  
 N 5 E W

TEMP Maximum 69 °F Minimum 52 °F

B.P. 30.30

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>DBI Dozer</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face for MSW in Phase 7B  
along Phase 6 East slope to  
establish entrance ramp for  
future access to Phase 7B. Working  
face for S&B in Phase 5 & Liquids in Phase 6



Cover Material:

Auto Sluff, soils, 1/2 Poly Sluff

B. Leachate Management:

Discharge to MMSD  Recirculation

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	#		0	
Shutdowns Since Last Audit:	#		0	
Flow to MMSD:	#		1,600	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Cooler conditions have improved gas delivery

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 2.1"

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

Site dry, basins draining, Basin 3 receives the most runoff and is the fullest

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

No odors

F. Liquid Loads Received:

Periodic in Phase 6



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"/>	#

Comments:

Minimal litter, fences set high upwind of 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 & B Mile road clean. Site roads dusty

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:						9/17/14
Tonnage:	2,000 TPD					

Comments:

Mud and contaminated soils being recycled.

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

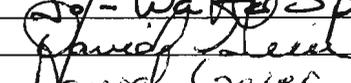
Site clean, half of boxes full



M. Other Comments:

\* Shooting range in use during audits  
\* Seeding done over gas improvements  
appears to be successful, new grasses  
visible

\* Site addressing soil conditions on South  
slope of Phase 5, repairing soil  
erosion & expected to seed this year

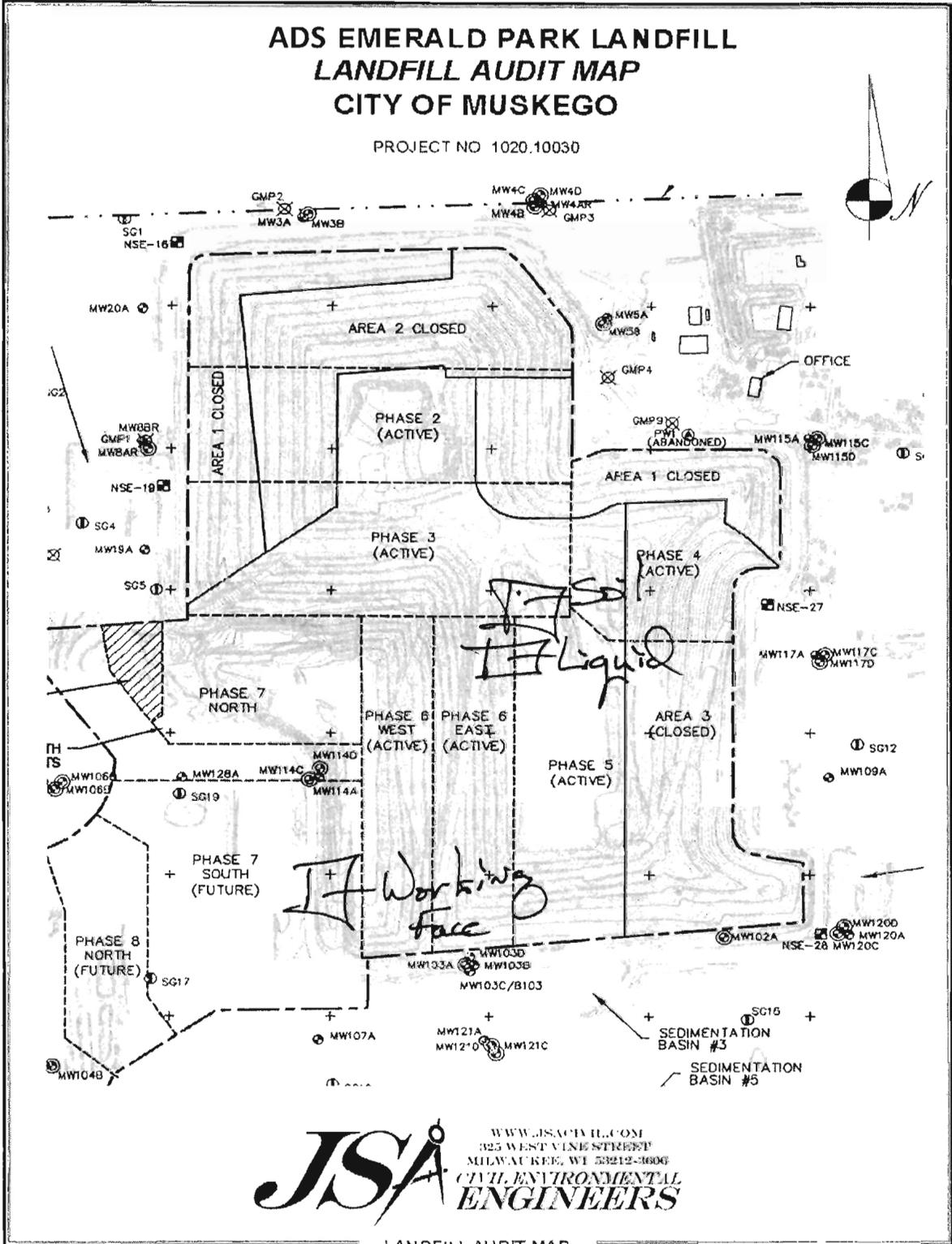
Auditor's Signature:   
Auditor's Printed Name: Dr. Walter Spohn, Jr.  
Management Signature:   
Management Printed Name: David Cozier  
Management Title: Operations Manager  
JSA Principal Signature: \_\_\_\_\_

Date: 9/23/14  
Date: 9-23-14  
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 53212-3600  
 CIVIL ENVIRONMENTAL  
 ENGINEERS

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Soil repair work done on South slope of Phase 5



Bio-soils spread over top of Phase 5



Phase 7B West viewed from the North



Northeast corner of Phase 7B, waste being added to develop access ramp to Phase 7B and Phase 7B West



Phase 7B, light colored area is a ramp of C&D materials to aid trucks in moving Northward to tip



Working face in Phase 7B



Western edge of Phase 7B West, waste will be added to shape slope and then covered with intermediate cover, which will be made of site soils