



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 11/21/14  
**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 October 6, 2014. The audit was performed at 12:00 PM on **October 6, 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
- New ramp for access in use today.
- Operators spreading foundry sand for cover during audit
- One compactor & one dozer in use
  - One D6 and one D8 in for repair
- Foundry sands in use for daily cover
  - Autofluff stockpiled, but not being used
  
- 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
  - No shut downs since last audit
- Gas building in operation
- MMSD inspected and sampled last week
- Vegetation in fair condition
  
- One storm event since last audit; less than 1"
  - Basins still draining
  
- No odors
- Liquid loads periodic
  
- Minimal litter on-site; clear off-site
- Fences moved higher above active fill area
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Scale camera in use; equipment operator; no spotter
  - Receiving approximately 2,400 tpd of MSW
  - Bio-soils received in AM, but MSW and Foundry sands during audit
  - Random load inspection 10/3/14
  - No rejected loads
- Residential drop-off open
  - E-waste container present
  - Boxes in need of emptying

### Comments:

- Electrician working on pneumatic building to improve pumping systems
- Fuel tanks inspected by State Dept of Agriculture today
- Repaired ares have been seeded
- Liner repair crew expected this week to repair West berm puncture of Phase 7B West

### 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 October 6, 2014

TIME 3:49

Auditor on site at:  Open  Close

WEATHER Sunny with Clouds & Dry

WIND 10-15  
 N  S  E  W

TEMP Maximum 55 °F Minimum 46 °F

B.P. 29.57

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	<u>Compactor</u>						
<u>1</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

A. Working Face Size and Location:

Working face in middle of Phase 7B  
New ramp for access ~~is~~ in use.  
Operators spreading foundry sand  
for cover during Audit



Cover Material:

Foundry sands  
Autofluff stock piled, but not in use

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"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit			#	75
Shutdowns Since Last Audit:			#	0
Flow to MMSD:			#	4,600 cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas building operating ~~same~~, MMSD inspected and sampled last week

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 21"

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

Basins are draining.

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: No odors

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:  
*Litter minimal*

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 15 & 8 Mile 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"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						10/3/14
Tonnage:						2,400 TPD

Comments:  
*Bio in the AM, the rest is MSW & Foundry Sand*

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

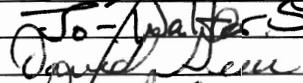
L. Residential Drop Off: Open During Audit  E-Waste Container Present

*Boxes full*



M. Other Comments:

- \* Electricians working on Pneumatic building for pumping systems
- \* Fuel tanks inspected by Ag today
- \* Liner repair crew expected this week to repair West beam puncture of Phase 7B West
- \* Seeding of repair areas complete

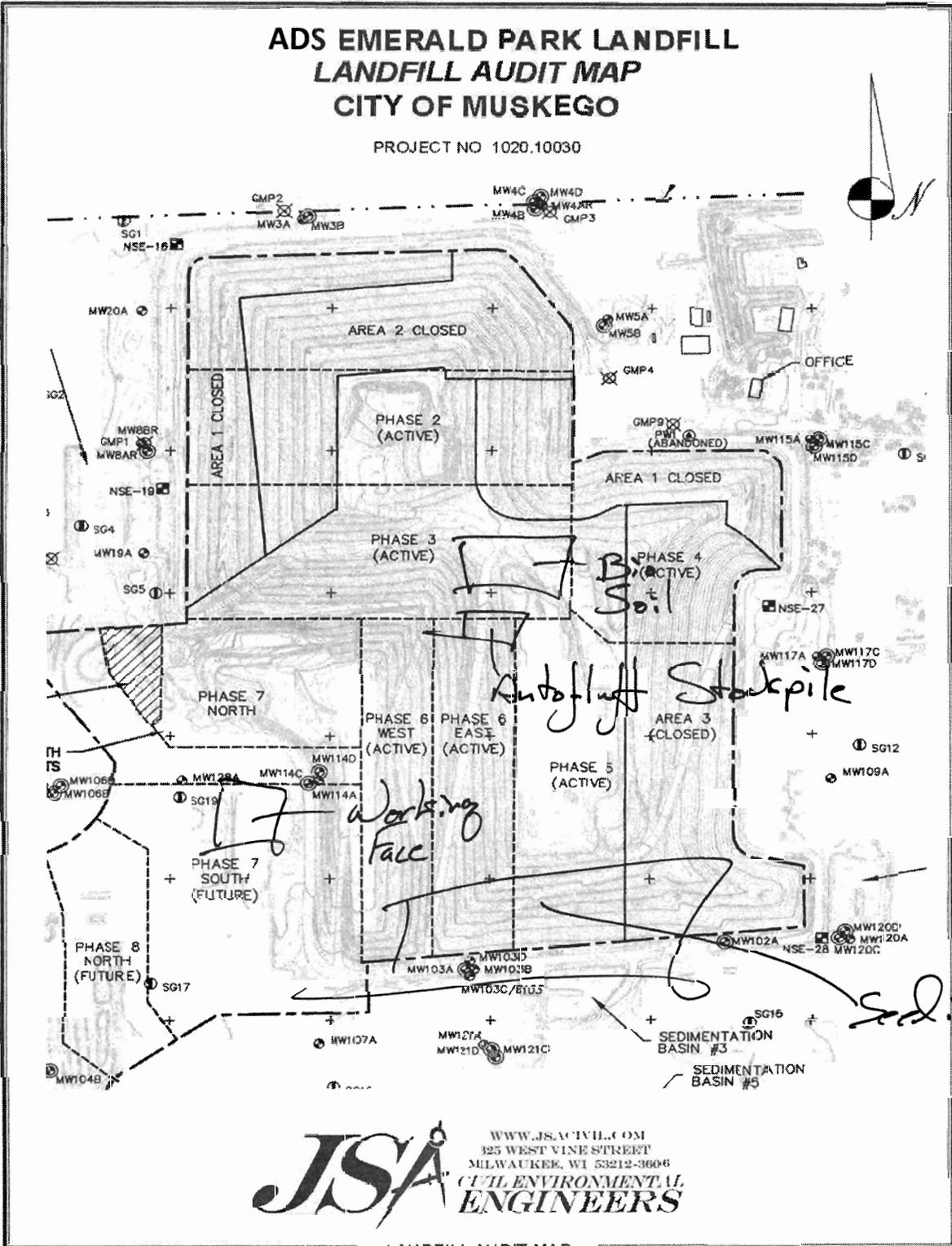
Auditor's Signature:   
Auditor's Printed Name: Jo-Walter Spear, Jr  
Management Signature:   
Management Printed Name: David Coier  
Management Title: Operations Manager  
JSA Principal Signature: \_\_\_\_\_

Date: 10/6/14  
Date: 10-6-14  
Date: \_\_\_\_\_



# ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030




**JSA**  
 WWW.JSA.CIVIL.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



New access ramp into Phase 7B, located at South intersection of Phase 6 & 7



Working face about to receive daily cover at end of day



Working face in Phase 7B viewed from the North



Working face in Phase 7B viewed from the East



Working face in Phase 7B viewed from the South