



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 11/25/14  
**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 November 3, 2014. The audit was performed at 3:45 PM on **November 6, 2014** by Jo Spear, Jr. in the presence of Dean Driggett.

### Landfill Operations Audit:

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

- Working face for MSW in Phase 7B near middle.
- Soil loads going to Phases 4 & 5
- One compactor & two dozer working on site
  - One D8 in for repair
- C&D, sands and soil n use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,700 cfm
  - No flares in operation during audit
  - One blower in operation
  - One shutdown since last audit on 11/3/14
  - Vegetation in fair condition
  - Storm caused shutdown on 11/3
  
- Two storm event since last audit; about 1"
  - One large storm with low rainfall
- Waste odor about active area
- Liquid loads being tipped in Phase 7B
  
- Litter blowing about on-site; clear off-site
- Wind creating litter conditions, heaviest on South side
- Two pickers working
- US 45 and 8 Mile Road clean; site roads clean
  
- Scale camera in use; two equipment operators; no spotter
  - Receiving approximately 1,800 tpd of MSW, bio soils & landfill direct soil
  - Random load inspection 11/5/14
  - No rejected loads

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Residential drop-off site clean
  - E-waste container present
  - Boxes emptied

### Comments:

- Older Bio pile on Phases 2 & 3 being tested for VOC, GRO and DRO
  - If this test clean, it can be used for cover & construction activities on site
  - Testing parameters are higher than clean for soils outside of landfills
- Basin nearly drained
- Ditches to South clogged with silt
- Rain flap repair not yet completed

### 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 November 6, 2014

TIME 3:45

Auditor on site at: Open  Close

WEATHER Overcast, brisk, possible rain

WIND 10-30+  
N S E W

TEMP Maximum 43 °F Minimum 28 °F

B.P. 29.87

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>D8 Dozer</u>	<u>✓</u>					

A. Working Face Size and Location:

Working face for MSW is the middle of  
Phase 7B. Soils being tipped in Phase 7/5  
area being placed during audit.



Cover Material:

C&D, Sands, soil

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"/>	#	0
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#			
Shutdowns Since Last Audit:	# 1 - 11/3/14			
Flow to MMSD:	# 1700 cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Storm caused shutdown on 11/3

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2"

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

One large storm event, but low rainfall

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

Waste odor about active area

F. Liquid Loads Received:

Periodic in Phase 7B



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:  
 Winds creating litter conditions, litter on  
 South side

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, 3 Mile, and site roads clean

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"/>	#	
Random Load Inspection Dates:						11/5/14
Tonnage:						1,800 TPD

Comments:  
 Bio soils, Landfill direct, and MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Boxes cleaned



M. Other Comments:

- \* Bio Pic, old, being sampled for completion
- \* Basins nearly drained and south ditches  
leaves with silt.
- \* Rain flap repair not yet completed

Auditor's Signature: \_\_\_\_\_

Auditor's Printed Name: \_\_\_\_\_

Management Signature: \_\_\_\_\_

Management Printed Name: \_\_\_\_\_

Management Title: \_\_\_\_\_

JSA Principal Signature: \_\_\_\_\_

Date: 11/6/14

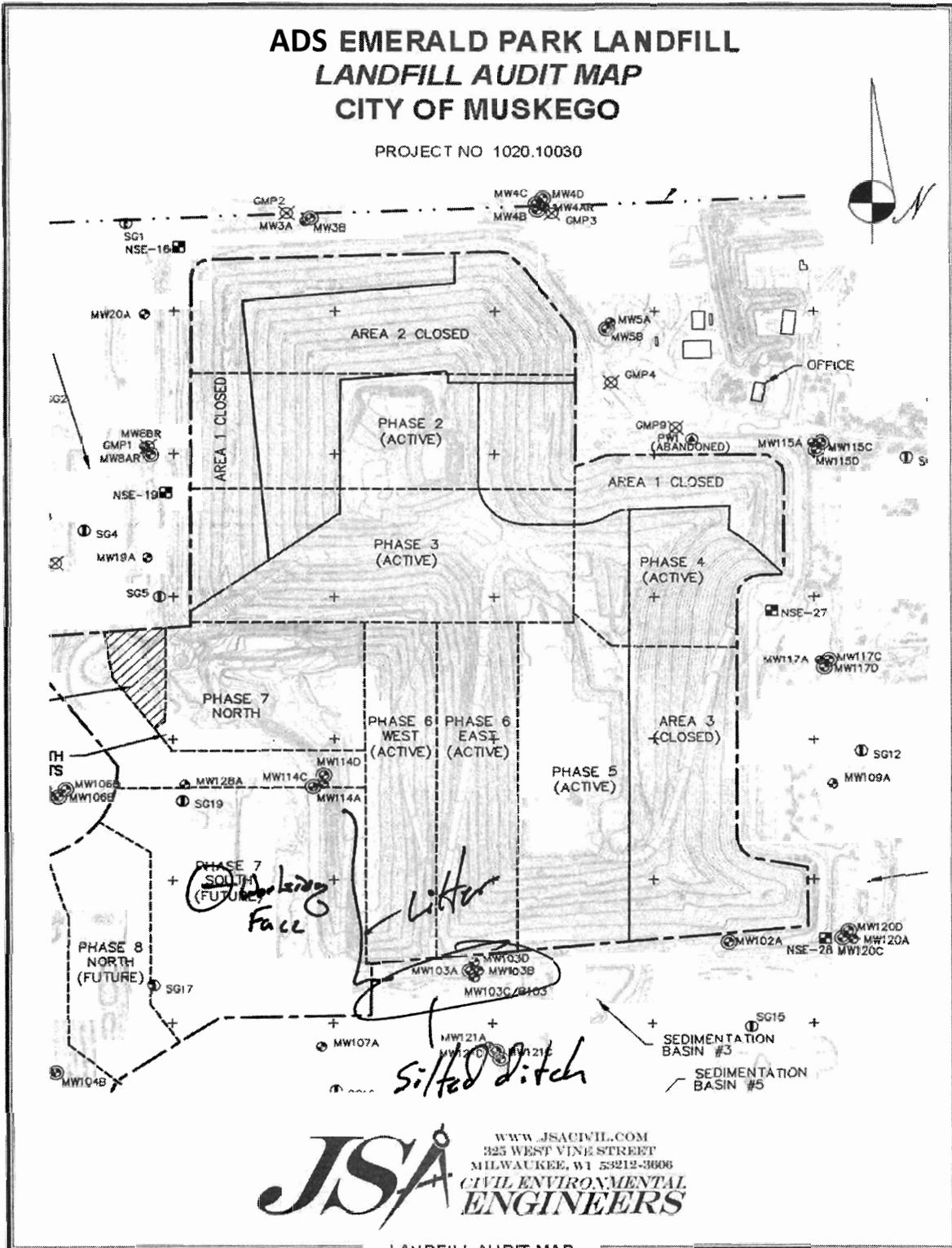
Date: 11/6/14

Date: \_\_\_\_\_



# ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030



**JSA**  
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 325 WEST VINE STREET  
 MILWAUKEE, WI 53212-3606  
**CIVIL ENVIRONMENTAL  
ENGINEERS**

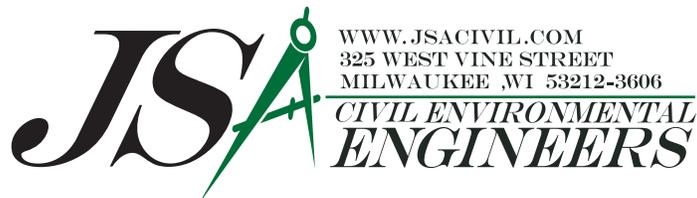
LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Phase 7B-West





Working face



Active area



Sump/Temp Sed. Basin for Phases 6 & 7



Working face in Phase 7B



Previous working faces in active area, over Phase 7B and 7



Phases 6 & 5 viewed from the Southwest