



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 08/17/14  
**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 August 11, 2014. The audit was performed at 14:04 PM on **August 14, 2014** by Jo Spear, Jr. in the presence of Michael Hackney.

### Landfill Operations Audit:

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

- Excavator & compactor covering waste on West slope of Phase 6.
  - Dozer covering fluff layer in Phase 7B
  - D8 Dozer not in service – to be rebuilt in 2015
- Soils, foundry sands and autofluff used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- All head levels are below maintenance elevations
  - Gas plant delivering, no flares in operation
  - One blower in operation
  - Gas flow to MMSD consistent at 1,600 cfm
  
- Two storm events since last audit; approximately 1.5”
  - Site conditions are dry
- No noticeable odors on or off-site
- Liquid loads periodic
  
- Minimal litter on-site, but clear off-site
  - One picker working
- US 45 and 8 Mile Road clean; site roads dusty
  
- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 2,000 tpd of MSW and foundry soils
  - No rejected loads
  
- Residential drop-off site clean
  - E-waste container present
  - Boxes empty
  
- No contractors on site

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Contracted restoration on slopes is finished;
  - Green area and stockpiles have been seeded
- Fluff layer placement in Phase 7B approximately ¼ complete

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 August 14, 2014 TIME 1:04  
 Auditor on site at: Open  Close

WEATHER Clear Sunny WIND 6-3  
 N  E W

TEMP Maximum 70 °F Minimum 50 °F B.P. 30.13

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
	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:

Dozer covering fluff layer at in phase 7S West. Excavator and Compactor covering Waste in Phase 6 West slope.



Cover Material:

Soils & Autoglyff  
foundry sands

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			#	
Shutdowns Since Last Audit:			#	
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:

Consistent delivery last weeks

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2/5

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

Site conditions dry

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"/>	# 1

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 45 & 82 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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						<i>8/23/14</i>
Tonnage:						<i>22,600 TPD</i>

Comments:

*Soils & MSW and Foundry sands*

J. Rejected Loads:

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

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

*Site clean, boxes empty*



M. Other Comments:

- \* No contractors on site
- \* Restoration contractor for slopes finished with seeding green areas and stockpiles
- \* Fluff layer placement 2 1/4 of Phase 7B waste

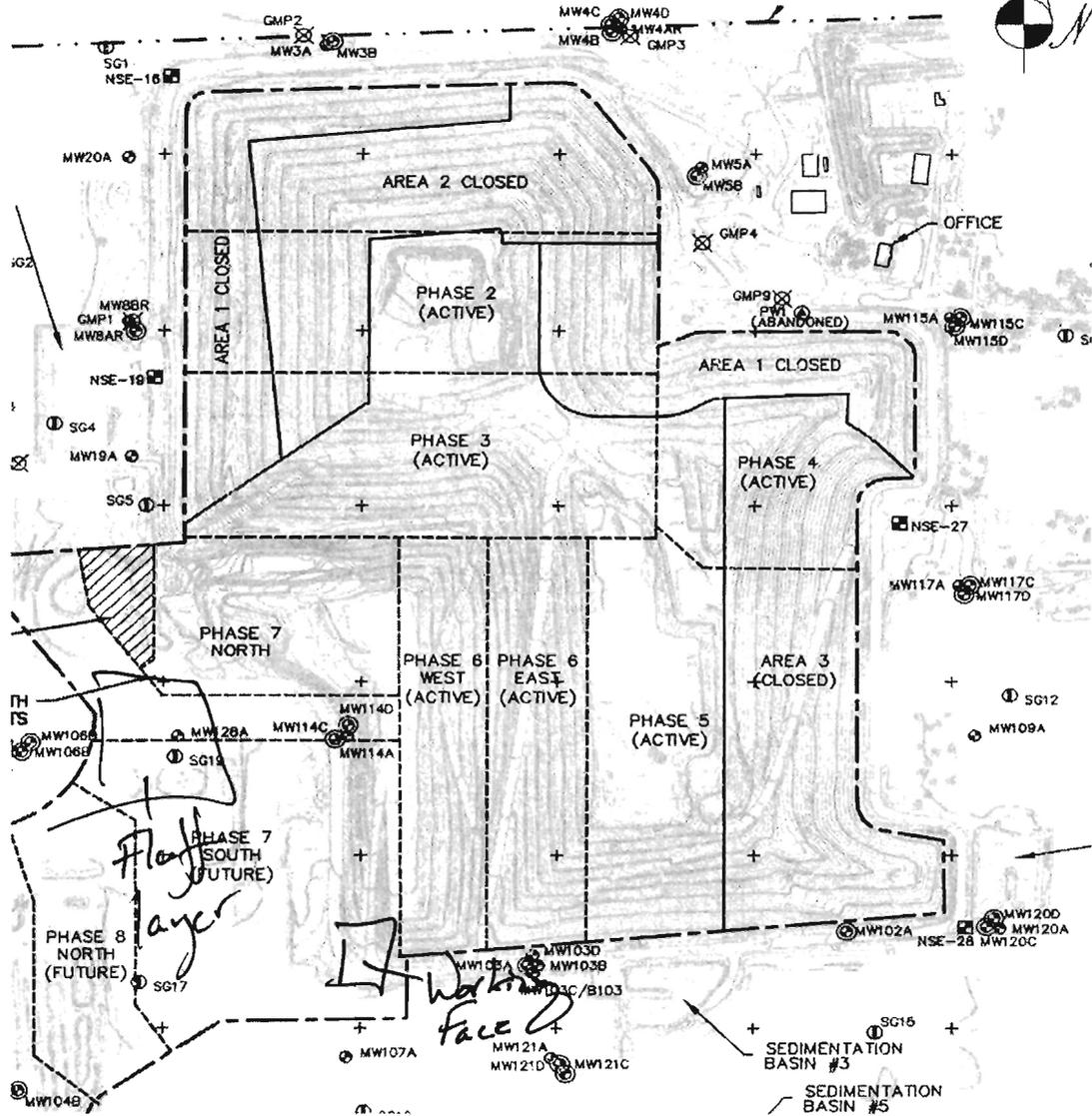
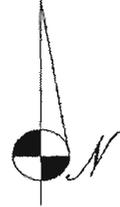
Auditor's Signature: [Signature]  
Auditor's Printed Name: Joseph A. Decker, Jr.  
Management Signature: [Signature]  
Management Printed Name: Michael Hackney  
Management Title: GM  
JSA Principal Signature: \_\_\_\_\_

Date: 8/14/14  
Date: 8/14/14  
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



Phase 7B West



Working face on West slope of Phase 6, all wastes not suitable for fluff layer



Active Area in Phase 7B West, select fluff waste only.



Working face along Phase 6, West Slope



Phase 7B West receiving fluff layer and autofluff cover