



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 05/13/14  
**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 April 21, 2014. The audit was performed at 10:25 AM on April 25, **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:

- Working face in Northeast corner of Phase 7B; only active face on site
  - Excavating soils from South slope of Phase 7A adjacent to working face
  - Soils reused for cover
  - Soils were previously tipped here in large volumes
  - Soils and C&D used for cover
- One compactor, one excavator, one dozer and one haul truck in operation
- All leachate discharging to MMSD; no recirculation
- No flares since last audit
  - One blower in operation
  - Re-generator shutdown for a couple of hours
  
- Small rain event last night
- Low flow in ditches
- Freeboard in basins
  
- No noticeable odors on or off-site
- Liquid loads periodic; directed to Phase 7B
- Some litter on-site, but clear off-site
  - Two pickers at work
    - Picking & repairing silt fence
  - Litter greatly reduced since last audit
- US 45 and 8 Mile Road clean; site roads in good shape
  
- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,700 TPD
  - Random load inspection on 4/24
  - No rejected loads
  - Approximately 2,000 tons of MSW & demolition wastes arriving per day

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Residential Drop Off open, clean & with space in e-box
  
- Autofluff supply limited due to equipment damage
  - No autofluff expected for up to a month
- Mueller Excavating to return to site for construction activities next week
  - Dependent on weather
  
- Construction Audit:
  - Two dozers, 2 excavators, one haul truck and one drilling rig at work
  - Terra installing wells and welding pipe for gas collection
  - Nine wells installed with 30 to complete
  - New well heads have solar cells and battery to insure continuous operation
  - Current activities will continue until June

### 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 <small>month/date/year</small>	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 April 25, 2014  
 Auditor on site at: Open  Close

TIME 10:25

WEATHER Clear Sunny, some low clouds

WIND 10-15  
 N  S  E  W

TEMP Maximum \_\_\_\_\_ °F Minimum \_\_\_\_\_ °F B.P. \_\_\_\_\_

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
1	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Northeast corner of Phase 7B  
only working face on site. Soils being  
excavated adjacent to working face from  
South Slope of Phase 7A. Soils being  
used for cover. Soil previously tipped in  
large volumes,



Cover Material:

Soils & C&D

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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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:	#	1 - regen		
Flow to MMSD:	#	4,500	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Regen shut down for a couple hours

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	< 1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Small rain event last night, low flows in ditches and free board in basins

E. Odor Control:

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

No odors

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:

Pickers picking litter & repairing silt fence

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

USHS & 8 Mile clean.  
Site roads in good shape

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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						4/24/14
Tonnage:	2,000					

Comments:

MSW & Demolition wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Residential operating, clean, and space in e-box

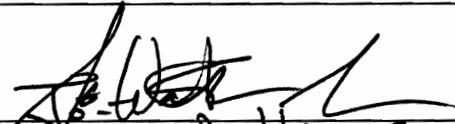


M. Other Comments:

\* Autofluff supply shutdown due to equipment damage. No autofluff for approx 1 month.

\* Mueller Excavating to return to site for construction activities next week, weather depending.

Auditor's Signature:

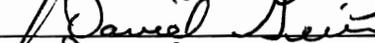


Date: 4/25/14

Auditor's Printed Name:

Joe-Walter Spear, Jr.

Management Signature:



Date: 4-25-14

Management Printed Name:

David Geier

Management Title:

Operations Manager

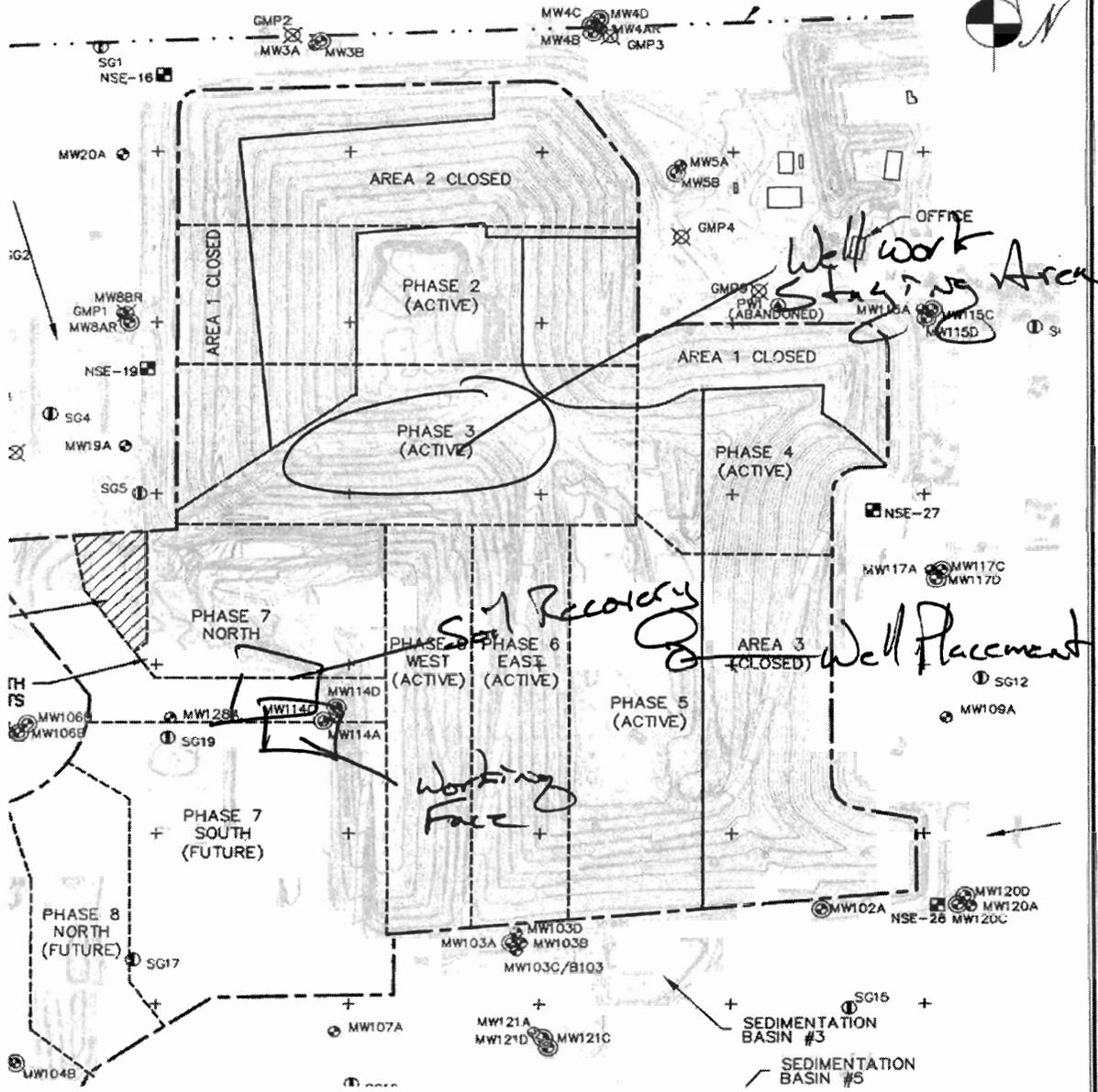
JSA Principal Signature:

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  
 LANDFILL CONTRACTORS AUDIT FORM  
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE April 25, 2014 TIME 10:40

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
2	Dozer						
2	Excavator						
1	Haul Truck						
	Water Truck						
	Sweeper						
1	Drill Rig						

A. Work Accomplished Today (Scheduled & Completed)

Terra installing wells for gas collection  
 and welding pipe for gas collection  
 ~ 9 Wells installed with 30 to complete.  
 New well heads have solar cells & battery  
 to insure operation.  
 Activities will carry thru to June



B. Excavations / Soil Management:

NA

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NA

Auditor's Signature: [Signature]  
Auditor's Printed Name: Jo-Walter Spear, Jr  
Management Signature: [Signature]  
Management Printed Name: David Geier  
Management Title: Operation Manager

Date: 4/25/14  
Date: 4-25-14



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

PROJECT NO. 1012.10030



Drilling of new well in Phase 5, above closure area III limits



New well with solar cell and battery



Pipes to be used in wells and collection, staging area for well construction on Phase 3



Stone for well construction



Excavating soil for daily cover and redistribute in Phase 7B



Tipping at working face in Phase 7B



Active Area, Phase 7B