



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**TO:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Jo-Walter Spear, Jr., P.E.  
**COPIES:** File  
**DATE:** 12/9/13  
**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 25, 2013. The audit was performed at 12:15 PM on **November 27, 2013** 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 still West edge of Phase 7; moving Eastward
  - Receiving MSW in working face
  - Soil loads tipped adjacent to working face
- One compactor and one Dozer in use during audit
  - D8 Dozer in for repair
- Autofluff and soil loads used for cover
- Leachate discharging to MMSD; no recirculation
- One blower in operation; no flares
  - 750 cfm gas to MMSD
  - Flare frozen due to cold conditions
- One storm event since last audit; approximately 1"
  - Snow during week
  - Site soils & water frozen
- No odors
- Liquid loads are periodic
- Litter present on-site; none off-site
  - Four pickers working during audit
  - Litter in fences
- US 45 & 8 Mile Road clear
  - Some ice on site roads
- Tipping scale camera in use; 1 equipment operator; no spotter

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- Approximately 1,500 tons per day
- Random load inspected on 11/22/13
- MSW & soils coming in
- No rejected loads
- Residential drop-off area clean
  - E-waste container in place
- Site closed on 11/28, Thanksgiving Holiday
  - Will operate late on 11/30/13
- Working face & active area much smaller than usual
  - Site awaiting lab reports after leachate leak

### Construction Audit Notes:

- Sand gradient layer nearly complete; only Southwest corner waiting for placement
- Clay liner placement and working of material on-going
- 2 excavators and 3 haul trucks in use
- Access for Phase 8 currently under construction
  - Working near base of Phase 7
- Excavated soils for access and remaining cell base stockpiled at Future Parkland

### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

**VEOLIA Emerald Park Landfill**  
**Action Items Checklist**  
**City of Muskego Audit**

Opened: 5/09/2013

Updated: 5/09/2013

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes
1	5/09/2013	Seep in Rainflap, Southwest corner of Phase 7		ASAP	06/06/2013	28	All contact water is being treated as leachate and pumped back into Phase 7. Repaired liner with welds.
2	07/25/2013	Construction entrance open and unattended	NR530.10(11	ASAP	07/25/2013	0	David Geier, Site Manager, closed and locked gate during audit

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

PROJECT NO. 1020.10030

DATE November 27, 2013  
 Auditor on site at: Open  Close

TIME 12:15

WEATHER Clear Sunny, Brisk

WIND 0-10  
~~N~~ S E ~~W~~

TEMP Maximum 28 °F Minimum 20 °F

B.P. 30.20

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	DB Dozer	✓					

A. Working Face Size and Location:

Working face still on West edge of Phase F  
Moving Eastward. Soils being tipped  
adjacent to working face for MSW.



Cover Material:

Audofluff & Soils

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	#	NA		
Shutdowns Since Last Audit:	#			
Flow to MMSD:	#	750	cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD receiving gas, flare has frozen issues.

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 214

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

Snow during the week  
Site conditions frozen

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"/>	# <del>3</del> 4

Comments:

Litter caught in fences, Pickers active during Audit

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 1/8 Mile clear  
Site roads have some ice

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:	11/24/13			
Tonnage:	1,500 TPD			

Comments:

Msw & 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



M. Other Comments:

\* Site closed on 11/28/13 will operate late  
on 11/30/13

\* Working face of Active Area very small

\* Site awaiting lab reports on soils after  
leachate leak

\*

Multiple horizontal lines for additional handwritten notes.

Auditor's Signature:

Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:

*[Handwritten signatures and names]*  
David Geier  
Operations Manager

Date: 11/29/13

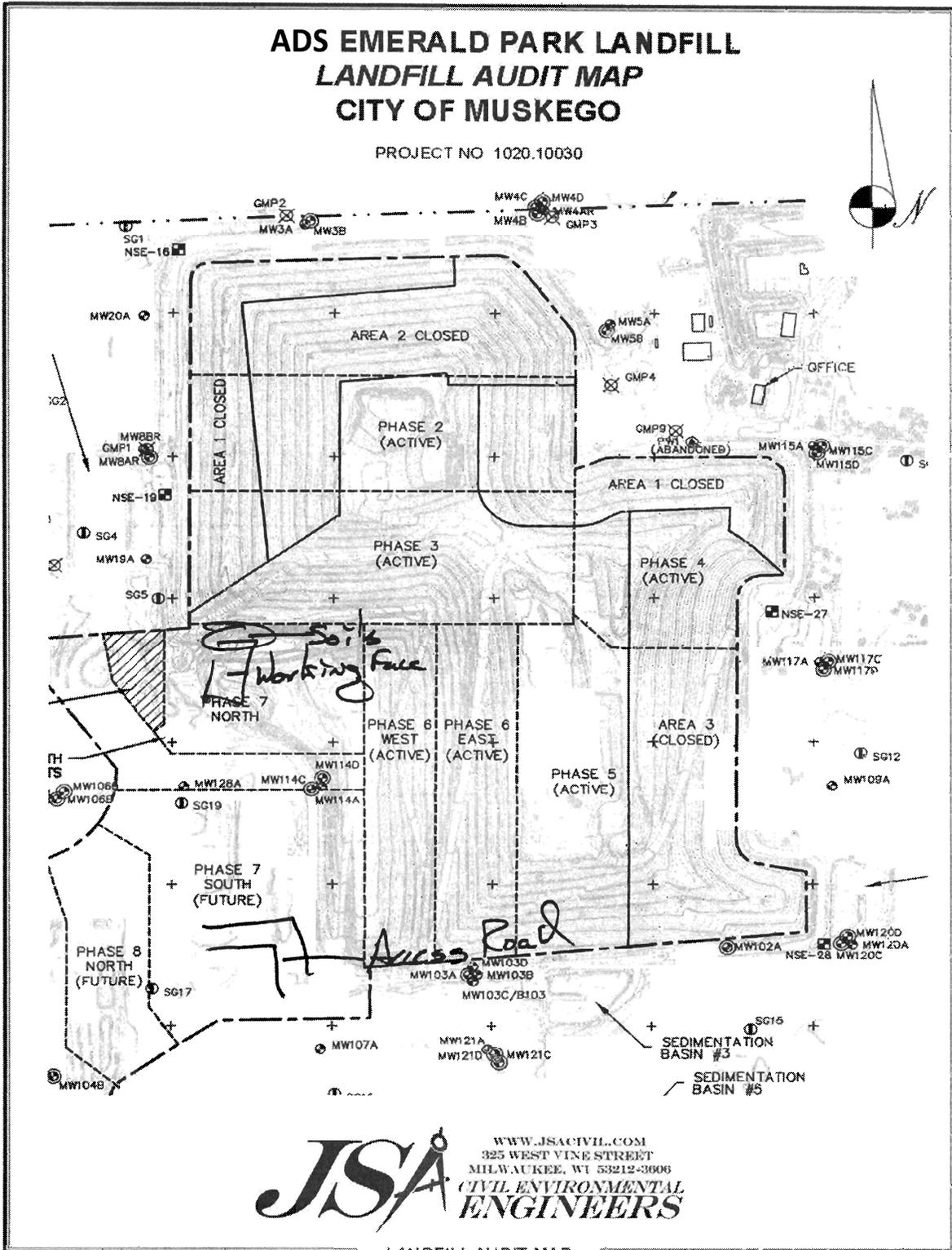
Date: 11/28/13

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



# ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO 1020.10030




**JSA**  
 CIVIL ENVIRONMENTAL  
 ENGINEERS

WWW.JSACIVIL.COM  
 325 WEST VINE STREET  
 MILWAUKEE, WI 53212-3606

LANDFILL AUDIT MAP

ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL  
 LANDFILL CONTRACTORS AUDIT FORM  
 CITY OF MUSKEGON

PROJECT NO. 1020.10030

DATE November 27<sup>th</sup>, 2015

TIME 12:44

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
	Dozer						
2	Excavator						
3	Haul Truck						
	Water Truck						
	Sweeper						

A. Work Accomplished Today (Scheduled & Completed):

Construction of access to Phase 8 and staying at base to access Phase.



B. Excavations / Soil Management:

Excavation for access and remediation cell base  
being stockpiled at Future Parkland

C. Off Site Hauling

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Auditor's Signature: [Signature]  
Auditor's Printed Name: Jo-Walter Spear, Jr.  
Management Signature: \_\_\_\_\_  
Management Printed Name: \_\_\_\_\_  
Management Title: \_\_\_\_\_

Date: 11/24/13  
Date: \_\_\_\_\_



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

PROJECT NO. 1012.10030



Active Area



Working face



Note soil in back ground is soils in Phase 3



Dozer moving and covering waste



Nearly completed liner



Access road construction to new cell



Access pad constructed above cell base for delivery of drainage media and eventually waste