



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: 11/7/13

PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 28, 2013. The audit was performed at 2:40 PM on **October 29, 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 in Western portion of Phase 7
 - Receiving MSW only; no soils; little C&D
 - No other working faces
- One compactor, 2 Dozers and 1 excavator in use during audit
 - Second compactor in for repair
- Autofluff & C&D used for cover
- Leachate discharging to MMSD; no recirculation
- One blower in operation and one flare in operation
 - Gas delivery may be impacted by current system adjustments
- Vegetation in fair condition
- No storm events since last audit
 - Basins have plenty of freeboard
 - Seeding schedule when possible
- Odor noticeable on site; especially active area
- Liquid loads are periodic
- Litter controlled by pickers and fences
 - Some litter on-site
 - Four pickers working
- US 45 & 8 Mile Road clean
- Tipping scale camera in use; 1 equipment operator; no spotter
 - Approximately 1,500 tons per day

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Predominately MSW; no expected projects
- No rejected loads
- Residential drop-off area clean
 - Cardboard container emptied today; overflowing for past 3 weeks
- Shooting range in operation during audit
- Seeps repaired and back filled with brown clay from Phase 8 stockpile

Construction Audit Notes:

- Sand gradient layer nearly complete; only Southwest corner waiting for placement
- Clay liner placement and working of material on-going
- One compactor, 4 dozers, 2 excavators and 3 haul trucks in use
- One excavator down for repair
- Remaining excavate being flipped or hauled to stockpile

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 October 29, 2013
 Auditor on site at: Open Close

TIME 2:40

WEATHER Some Sun, Clouds, brisk

WIND S-10
 N S E W

TEMP Maximum 50 °F Minimum 46 °F

B.P. 30.30

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor	✓					

A. Working Face Size and Location:

Working face still in western portion of Phase 7
receiving MSW only. No soils and
some C&D tipped in Phase 7. No other
working faces



Cover Material:

Autoclave and (SD) Materials

B. Leachate Management:

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

Comments:

Deliveries may be impacted by system adjustments

D. Surface Water Management:

Storm Events Since Last	#	0	Est. Volume	0
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rasins & ditches have freeboard. Seeding to be done when possible

E. Odor Control:

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

Garbage odor about Active Area

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"/>	# 4

Comments:

Litter controlled by pickers & fences

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 & 8 Mile 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"/>	#	
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						10/29/13
Tonnage:	1,500 TPD					

Comments:

No expedited projects

J. Rejected Loads:

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

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

Card board container emptied today, overflowing and unemptied for 3 weeks



M. Other Comments:

* Shooting range in use during audit
* Seeps repaired and backfilled with
Brown clay from Phase 8 Stockpile

*

Lined area for additional handwritten notes.

Auditor's Signature:

[Handwritten Signature]

Date: 10/29/13

Auditor's Printed Name:

Jay Watson Spear, Sr

Management Signature:

[Handwritten Signature]

Date: 10/29/13

Management Printed Name:

David Coeiel

Management Title:

Operations Manager

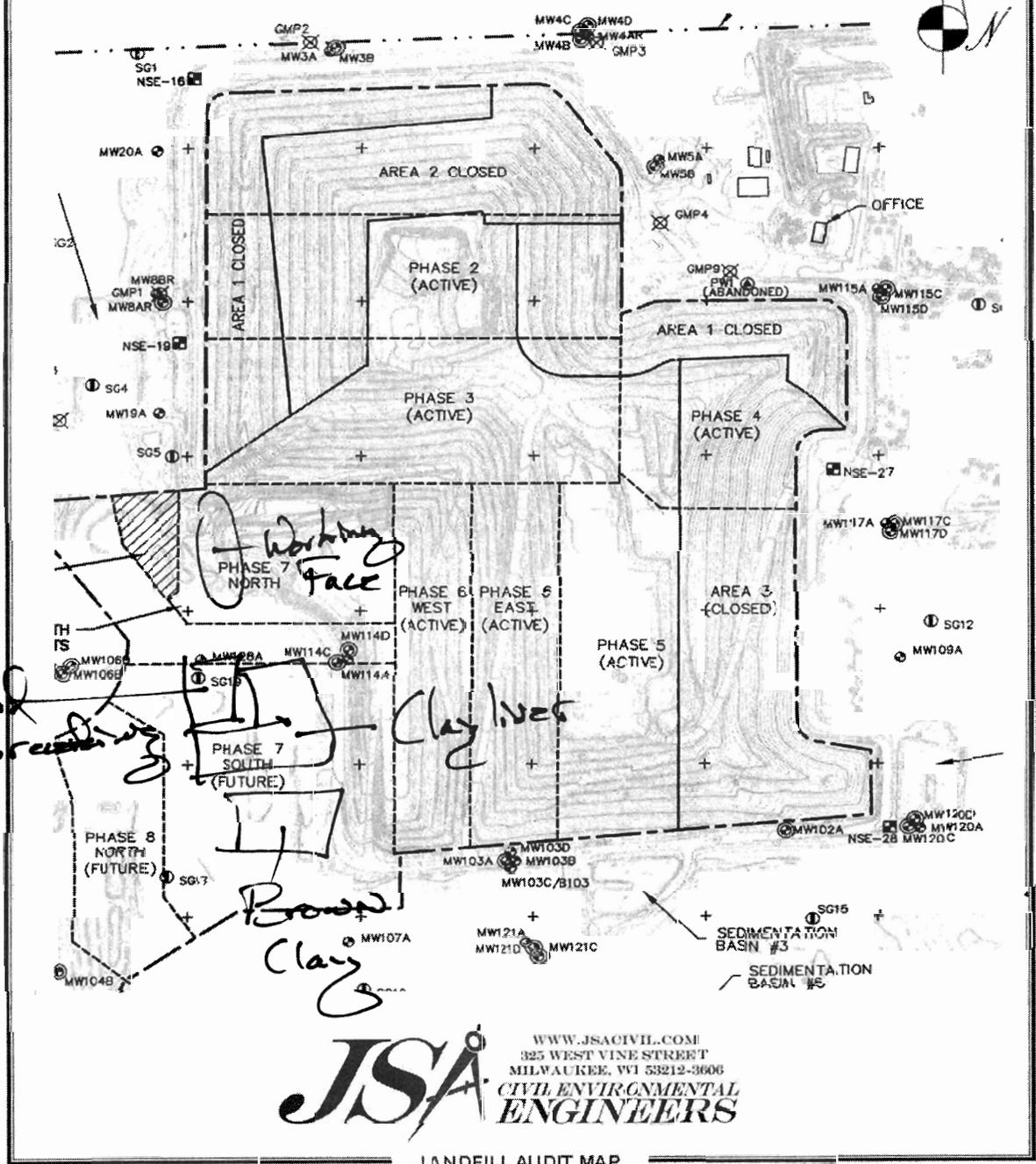
JSA Principal Signature:

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 October 29, 2013 TIME 3:00

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

* 1 Excavator down for repair
 * Sand gradient layer nearly completed
 cask Southwest corner requires
 placement
 * Clay liner placement and working of
 material ongoing



B. Excavations / Soil Management:

~~Remainder~~ Remaining excavate being flipped
or hauled to Western stockpile

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: Joseph A. Speed Jr
Management Signature: [Signature]
Management Printed Name: David [Name]
Management Title: Operations Manager

Date: 10/29/13
Date: 10/29/13



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

PROJECT NO. 1012.10030



Eastern stockpile in Future Parkland, seeded for winter.



Stockpile in Future Parkland, brown clay desined for use in pond construction.



Stockpile in Future Parkland



Clean out area



Working face west edge of Phase 7



Phase 8



Excavation of side slopes on going. Slopes will not be lined, but will be pulled back to minimize erosion for 2014



Remainder of gradient layer being placed



Phase 8 overall



Clay being removed from Southeast corner to meet grades and compaction



Clay placement over sand on going