



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: 10/17/13
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of October 14, 2013. The audit was performed at 1:55 PM on **October 17, 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:

- Old access road nearly completely covered by working face
 - Odd shape to finish lift at present, but should be resolved by Westward return
 - Stripped soils from old road, Autofluff and stockpiled C&D used for cover
 - One compactor and 1 Dozers in use during audit
- Leachate discharging to MMSD; no recirculation
- One blower and 1 flare in operation; one shut since last audit
 - No gas going to MMSD all this week
- Vegetation in fair condition
- Two storm events since last audit, less than 1"
 - Basins have plenty of freeboard
 - Ditches have been cleared
- Liquid loads are periodic
- No odor problems on or off-site
- Litter fairly clear both on & off-site
 - Two pickers working; wet weather keeping litter down
- US 45 gritty with debris in turn lanes; 8 Mile Road clean
- Tipping scale camera in use; 1 equipment operator; no spotter
 - Approximately 1,400 tons per day
 - MSW only; no projects; no soils
 - No rejected loads
- Residential drop-off area clean; e-waste container ready

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

Construction Audit Notes:

- Construction activities halted as of 10/15 due to weather conditions
- Unlikely to start again until 10/21 due to weather forecast
- Air leak found on Phase 6 side slope
 - Repaired and recovered; slope restored; seeding imminent

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 17, 2013
Auditor on site at: Open Close

TIME 1:55

WEATHER Overcast, spitting rain

WIND Nil
N S E W

TEMP Maximum 53 °F Minimum 42 °F

B.P. 29.86

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

A. Working Face Size and Location:

Working face finishing up filling of access road. Oddly shaped & to finish lift and will eventually start back westward Phase 6 & 7.



Cover Material:

Autoclaved 1/2 (1/2) stock piled for cover
Soils from road used as well

B. Leachate Management:

Discharge to MMSD Recirculation

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 MMSD:	#		cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

No delivery to MMSD all week.

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2/1st

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

Basins have more than adequate free board
Ditches cleared in areas of concern

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors on or off site

F. Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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:

Rain and no/low winds prevent litter

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 4s Gritty with debris in turn lanes
8 Mile Road 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:	10/10/13			
Tonnage:	~ 1,400 TPD			

Comments:

MSW Only, no projects, and no soils

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:

* Construction Activities halted as of 10/15 due to weather conditions. Unlikely to start until 10/21 due to weather

* Air leak found on Phase 6 sideslope, repaired and recovered with slope restoration. Seeding expected

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Date: 10/17/13

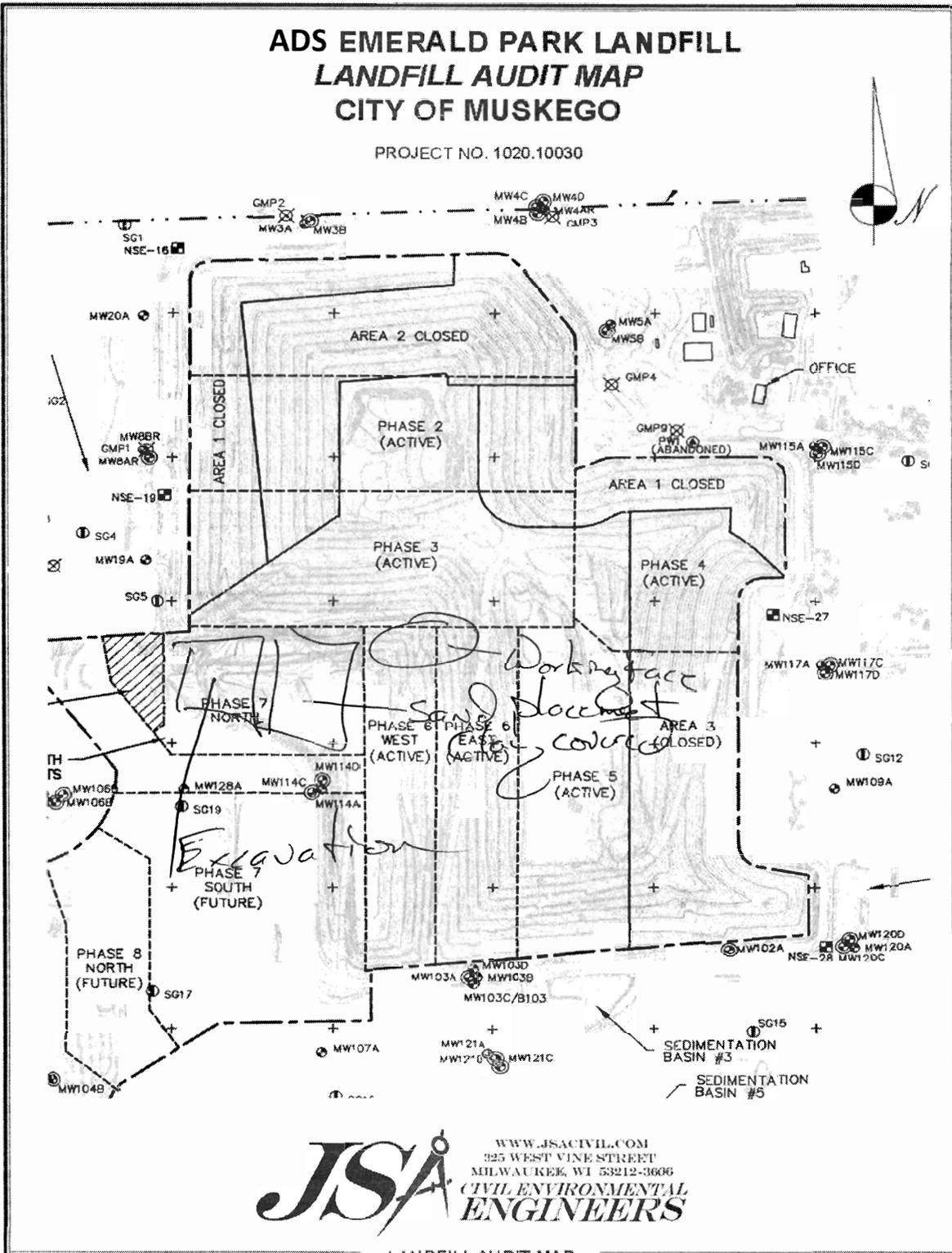
Date: 10/17/13

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



Active area



Working face



Working Face



Working face finishing road fill in



Clay placed over gradient layer prior to liner placement



Phase 8 West half



Remaining clay lifts to be removed prior to placement of gradient layer