



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/27/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 26, 2014. The audit was performed at 3:20 PM on May 27, **2014** by Jo Spear, Jr. in the presence of David Geier, general manager.

Landfill Operations Audit:

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

- Working face along West edge of Phase 7B
 - MSW and landfill direct soils going into Phase 7B
 - Bio-soils going to Phases 2 & 3
 - Autofluff & soils used for daily cover
 - Autofluff supply restored 5/23/14
- One compactor and 2 dozers in use

- Leachate discharging to MMSD; no recirculation

- One flare & one blower in operations
 - Flares in use since last audit
 - One shutdown since last audit
 - No gas to MMSD
 - High moisture content in gas preventing delivery
 - Vegetation still wimpy

- Two storms since last audit; approximately 2"
 - Storms during audit
 - Ditches flowing; basins have free-board

- Minor odor near active area

- Liquid loads periodic

- Litter under control on and off-site
 - Two pickers at beginning of audit
 - One picker left at half day
- US 45 very gritty; 8 Mile Road clean; site roads gritty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Scale camera in use; 1 equipment operator; no spotter
 - Receiving 3,000 tpd; mix of MSW & soils
 - soils to Phases 2&3
 - MSW to Phase 7B
 - Random load inspection on 3/23/14
 - No rejected loads
- E-waste container in Residential Drop-off area full

Construction Audit Comments:

- No construction today (storms)
- Mueller moving pumps
- Excavation of sump will be resumed
 - Clay from sump to be reused in construction
- Terra off-site due to weather conditions
- Drainage swales about access roads to be restored 5/28
 - Original swales occluded during Terra's activities

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 May 27, 2014
 Auditor on site at: Open Close

TIME 3:20

WEATHER Overcast, on/off rain

WIND 0-10
 N S E W

TEMP Maximum 79 °F Minimum 53 °F B.P. 29.95

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 along West edge of Phase 7B, receiving ALSW & Landfill Direct soils.
Working face in Phase 2/3 receiving Bio Soils



Cover Material:

Auto fluff & soils
Auto fluff supply restored ~~5/23~~ 5/22/24

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

Comments:

Moisture content in gas preventing delivery

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 214

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

Storms on going during audit, Basins have freeboard and ditches flowing

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor odor about Active Area

F. Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input 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:

Picking started with 2 Pickers, 1 left half time.

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 very gritty, 8 Mile Clean, and Site roads gritty

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"/>	#
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:	5/22/14		
Tonnage:	3,000TPD		

Comments:

Mix of MSW & Soils, being distributed to Phase 7B 1/2 2/3

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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E Waste containers ready for pickup



M. Other Comments:

- * No construction today. Mueller moving pumps
- * Drainage blower completed last week. liner installation eminent
- * Excavation of sump to continue, clay from sump to be used in construction
- * Terra offsite due to weather conditions
- * Drainage swales about access roads to be restored s/B. Filled in by terra activities

Auditor's Signature:
Auditor's Printed Name:
Management Signature:
Management Printed Name:
Management Title:
JSA Principal Signature:

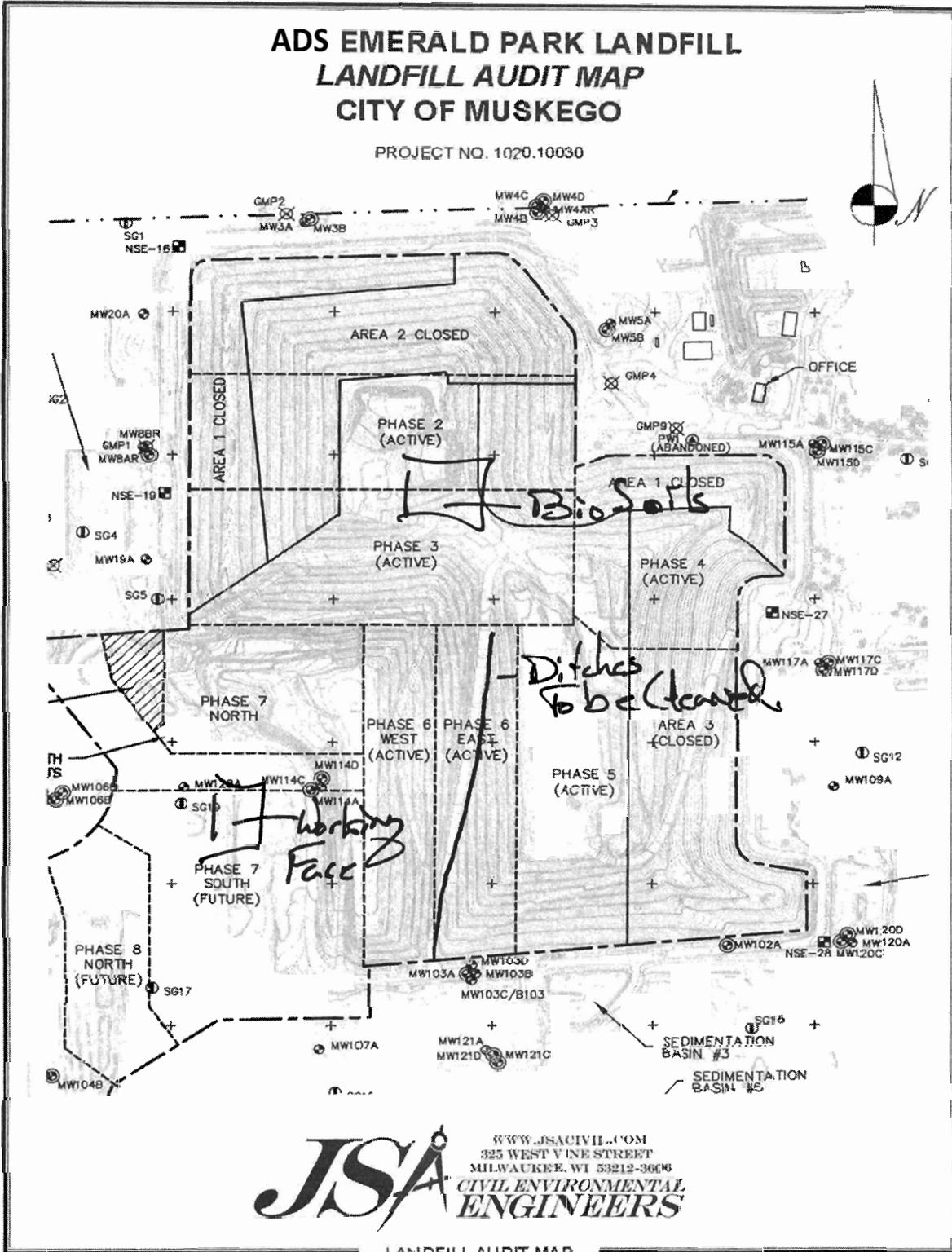
[Handwritten Signature]
Jay Walter Spear, Sr.
[Handwritten Signature]
Daniel Covert
Operations Manager

Date: 5/22/14
Date: 5-24-14
Date: _____



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




JSA
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 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



Header and well placement completed in Phase 3 & 4



Gradient drainage layer nearly complete on West edge of Phase 7B



Tipping in Phase 7B



Active area viewed from North



Overview of Active area from South



Working face in Phase 7B



Eastern edge of Phase 7B