



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 8/29/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 3, 2016. The audit was performed at 10:32 AM on **July 8, 2016** by Jo Spear, Jr. in the presence of Scott Croft, Landfill Technician.

Landfill Operations Audit:

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

- Sunny day; sporadic cloud cover
- Working face in Northwest corner of Phase 7
 - All incoming wastes delivered to this face
- Selected wood debris stockpiled at North edge of Phase 7 for later use in road construction
- Liquid loads trench in Southeast corner of Phase 7
- One compactor, 2 bulldozers, one excavator, one haul truck and one water truck working on site
- Site soils used for daily cover

- All leachate discharging to MMSD; no recirculation
- MMSD controlling flow of gas
 - Shut down today (since 7/3/16) during calibrations
 - Shut down
 - Approximate flow during past week 900 cfm

- Three brief storms since last audit; about 1"
 - Rain off & on during past week
 - Site predominantly dry
- Gas and additive odors on site
- Liquid loads periodic
- Litter present on-site; clear off-site
 - Mobile fences relocated during audit
 - Site litter under control
- One picker working
- US 45 and 8 Mile Road clean; site roads dusty

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,300 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Mainly MSW, Special and C&D wastes
- Random load inspection on 7/7/16
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Residents behavior re: Drop-off facility not improving
 - One resident banned from use on 6/25/16

Comments:

- Additional compost has been placed on West slope of Phase 7

- Erosion repairs are now covered with vegetation

- Site staff stockpiling soil loads suitable for use as topsoil
 - Soil stockpiles North of access road to Compost Operations

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

**ADS 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 July 8, 2016
 Auditor on site at: Open Close

TIME 10:32

WEATHER Sunny, Cloud Cover Sporadic

WIND 10-25
 N E

TEMP Maximum 84 °F Minimum 63 °F B.P. 29.30

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>1</u>	Excavator						
<u>1</u>	Haul Truck						
<u>1</u>	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Northwest corner
of Phase 7 receiving all wastes.
Wood stockpiled at North edge of Phase 7
for trail development.
liquid load trench in Southeast
corner of Phase 7



Cover Material:

Site Soils

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 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			#	NA				
Shutdowns Since Last Audit:			#	7/9/16				
Flow to MMSD:			#	900	cfm			
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

MMSD Controlling flows
 Shutdown today for calibrations

D. Surface Water Management:

Storm Events Since Last	# 3	Est. Volume	2/4
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Short storms throughout the week
 Site predominantly dry

E. Odor Control:

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

Gas & additive odors onsite

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"/>	# 1

Comments:

Mobile fences being relocated during audit. Site litter controlled

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 1/2 Mile Clear, Site roads dusty

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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						7/7/16
Tonnage:	1,300 TPD					

Comments:

MOW, Special, and C&D Wastes only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit	<input checked="" type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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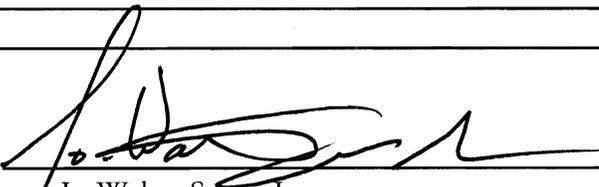
Resident banned from use C&D.
Resident behavior not improving

M. Other Comments:

* Additional Compost placed on West Slope of Pile #7.

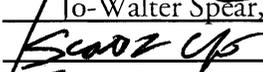
* Erosion repairs well vegetated

* Site Staff piling top soil ~~on~~ ~~area~~ North of access road to Compost Operations

Auditor's Signature: 

Auditor's Printed Name: Jo-Walter Spear, Jr.

Date: 7/8/16

Management Signature: 

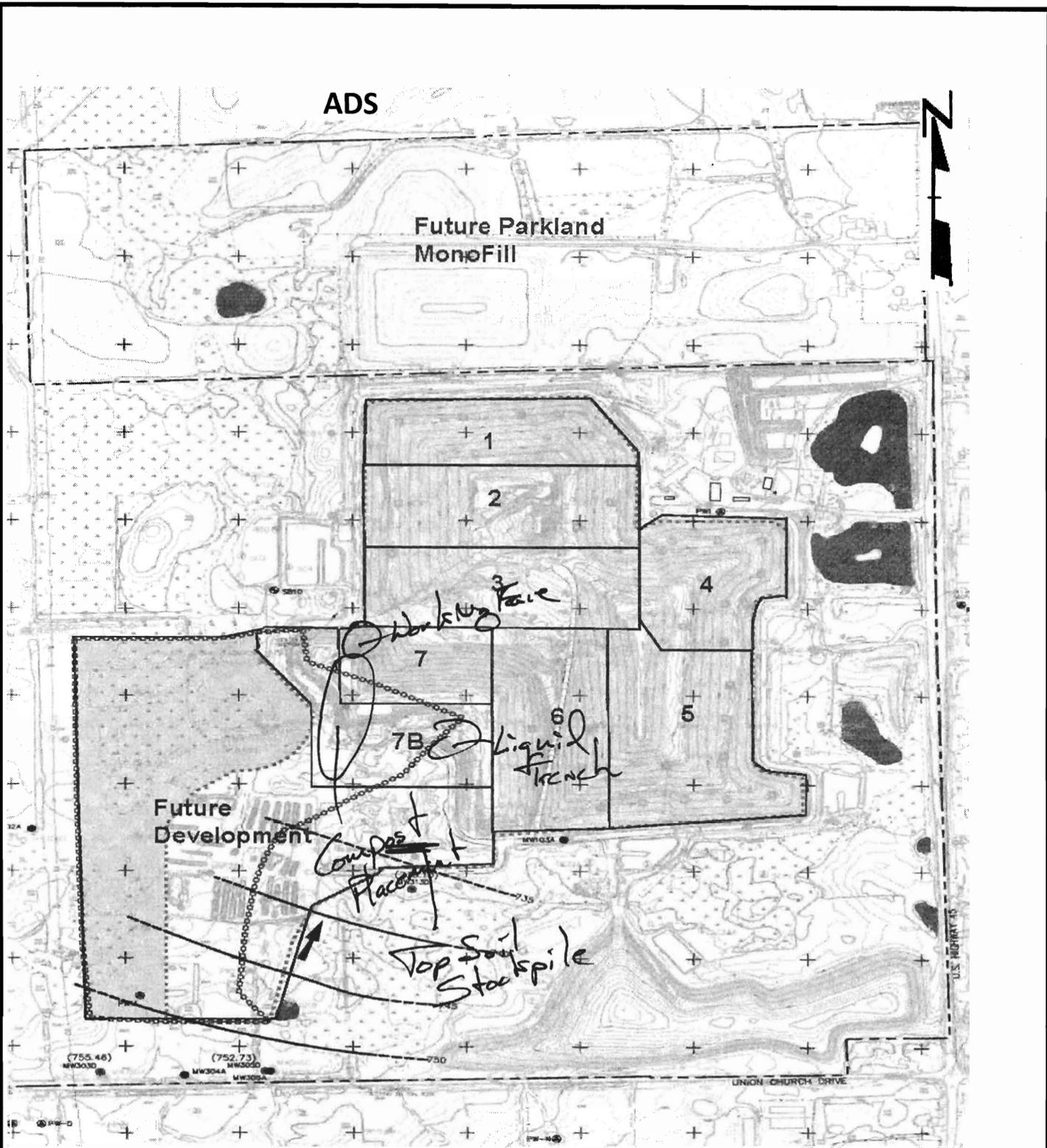
Date: 7/8/16

Management Printed Name: SCOTT CROFT

Management Title: Landfill Tech.

JSA Principal Signature: _____

Date: _____



Advanced Disposal Services Emerald Park Landfill
 Landfill Audit Map
 City of Muskego
 Project No. 1020.10030



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

PROJECT NO. 1012.10030



Working face in Northwestern most corner of Phase 7





Working face viewed from the North



Western section of Active area



Active area viewed from the North



Top soil stockpiled South of Phase 7 and East of Yard Waste Area



Excavation area



West slope of Phase 7



Phase 3 and 7 junction



Working face viewed from West and below Phase 7