



## 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

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Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 10, 2016. The audit was performed at 2:38 PM on **July 14, 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:

- Clear, sunny, dry day
- Working face in Northwest corner of Phase 7
  - Filling against out board slope
  - Starting new lift, headed Eastward across Phase 7
  - No other working faces
- One compactor, one dozer and one water truck in use on site
  - One D6 and one D8 in for repair
- Auto fluff and soils used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- MMSD accepting full volume of gas again; back up to 1,600 cfm
  - One flare and one blower in operation
  - Moisture burn during audit
  
- No rain since last audit
  - Site showing evidence of very dry conditions
    - Browning vegetation
    - Front pond low
- No odors on or about site
- Liquid loads periodic
- Some litter on-site; clear off-site
  - Winds higher today, but little litter outside of active area
- One picker working
- US 45 and 8 Mile Road dry and dusty
  - Water truck wetting site roads to control on-site dust during audit

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
- Receiving approximately 1,500 TPD
  - MSW, special wastes and some C&D
  - Random load inspection 7/7/16
  - No rejected loads
- Residential drop-off site closed during audit
  - E-waste container full to overflowing

Comments:

- Scale house experiencing computer issues during audit
  - Site unable to process cash sales while computer is down
- New access road under construction at Southeast corner of Phase 7
  - Old access road will be removed upon completion of new road
  - Area of old road will be filled with waste
- Stockpiles in Future Parkland are well vegetated
- Drainage basin is nearly dry

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	2/1"
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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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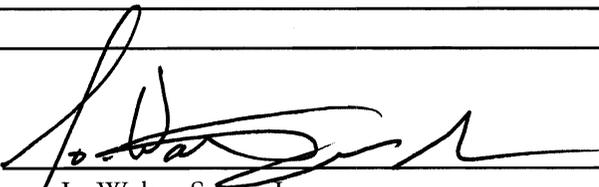
Resident banned from use C&D.  
Resident behavior not improving

M. Other Comments:

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

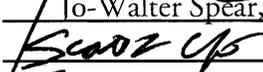
\* Erosion repairs well vegetated

\* 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: 

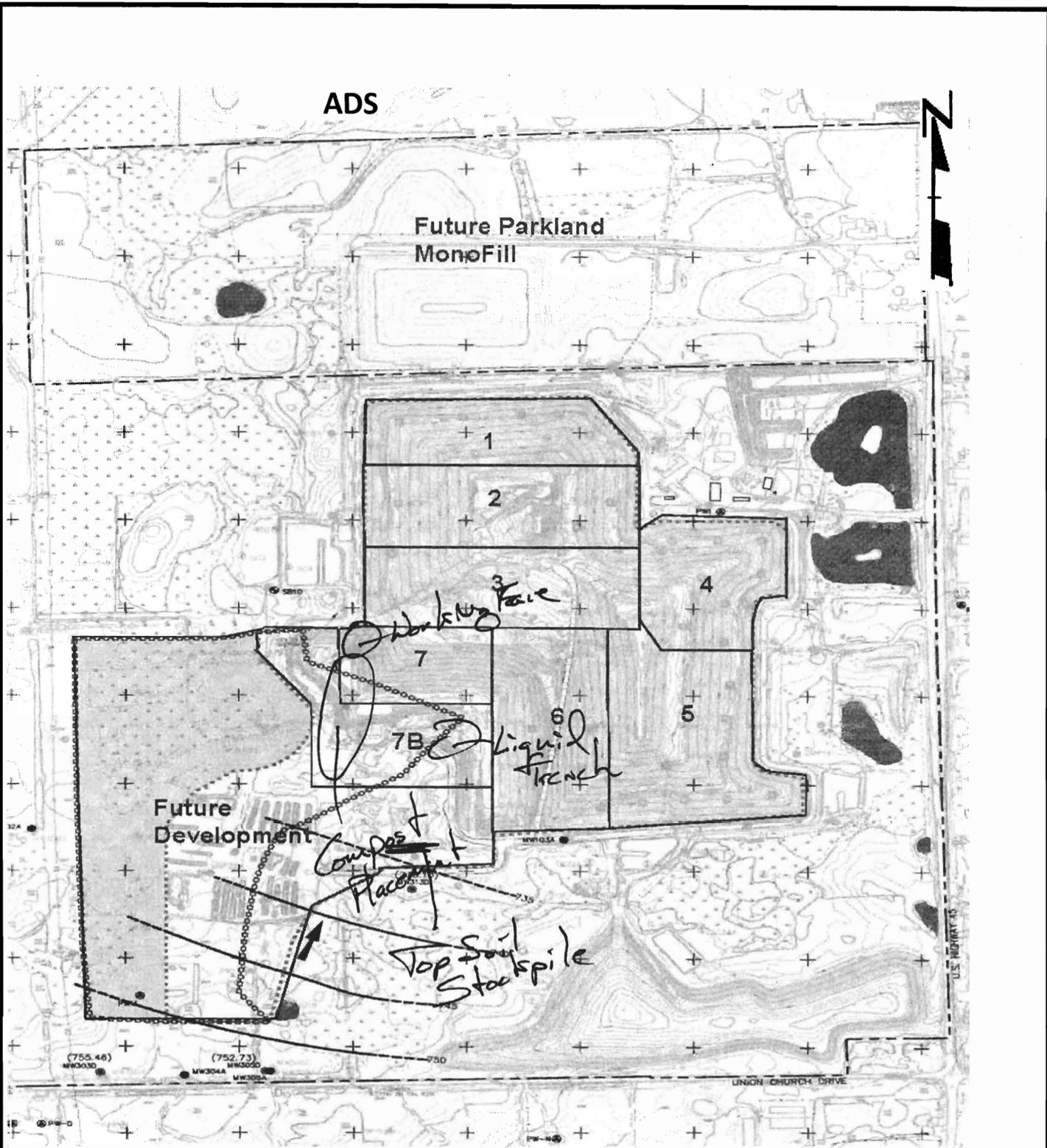
Date: 7/18/16

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