



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 06/24/16  
**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 May 22, 2016. The audit was performed at 3:37 PM on **May 25, 2016** by Jo Spear, Jr. in the presence of Brett Coogan, Operations Manager.

#### Landfill Operations Audit:

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

- Sunny and clear with high thin clouds
- Working face on South slope of Phase 7B moving toward East
  - This lift brings Phase 7B up to match surrounding elevations
  - No other working faces today
- Soil loads going to Phase 5
- Liquid loads to Phase 6
- One compactor, one dozer & one excavator working on site
  - One dozer out of commission; needs repair
- Recovered site soils used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- No gas flow to MMSD; gas plant still shut down
  - One flare and one blower in continuous use
  - Valve has not been replaced yet
  - Repair scheduled for tomorrow
  - Gas flow should be restored after valve replacement tomorrow
  
- No rain since last audit
  - Site dry, but basins still draining
  - Temporary sediment basin nearly dry
- No odors off-site; slight gas odor at working face
- Periodic liquid loads
  
- Litter present on-site; clear off-site
  - Litter minimized due to wind direction and speed
    - One picker working
- US 45 and 8 Mile Road clean; site roads dusty

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 2,000, TPD of MSW and contaminated soils
    - MSW, special wastes and C&D with increased Bio-soil load
  - No rejected loads
- Residential drop-off site clean
  - E-waste containers over flowing

Comments:

- Small seep has been repaired
  - Phase 7 at Northwest toe of slope above temporary sediment basin
- Road has been expanded about base of Phase 7B
- Stockpiles in Future Parkland are well maintained; in good shape
  - Staff will be removing silt fence

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 May 25, 2016  
 Auditor on site at:  Open  Close

TIME 3:37

WEATHER Sunny, clear with high clouds

WIND S-10  
 N S  ~~E~~

TEMP Maximum 80 °F Minimum 62 °F B.P. 29.99

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Dozer	✓					

A. Working Face Size and Location:

Working face on South slope of Phase 7B  
bringing the lift Eastward to bring  
Phase up to surrounding elevations  
No other working faces today



Cover Material:

Site soils recovered from other areas

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	# Cont.			
Shutdowns Since Last Audit:	# —			
Flow to MMSD:	# — cfm			
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Delivery to be restored tomorrow with valve replacement

D. Surface Water Management:

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

Basins draining, temp sed basin nearly dry

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

No odors offsite, slight gas odor at working face

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:  
*Litter minimal due to wind direction & speed.*

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 Road clean. Site roads dusty*

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Equipment Operator:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	<i>2,000</i>			

Comments:  
*Bro Soil volume increase, MSW, Special, & C&D*

J. Rejected Loads:

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

Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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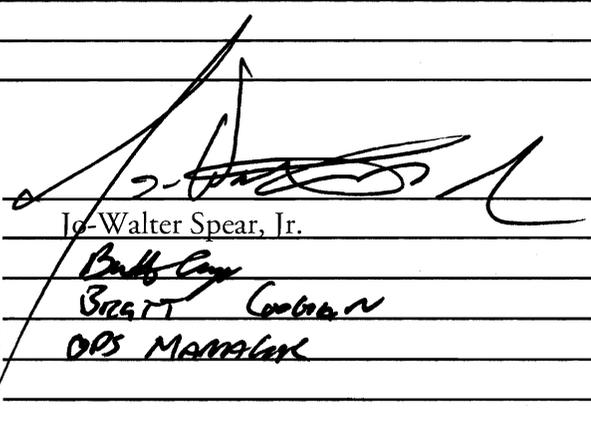
*Site clean, e-waste boxes overflowing*

M. Other Comments:

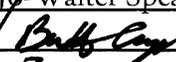
\* Small seep repair is Phase 7 at Northwest toe of slope above temp. Sed basin.

Reed expanded about base of Phase 7B

\* Stock piles in Future Parkland in good shape. Site will be removing silt fence

Auditor's Signature: 

Auditor's Printed Name: Walter Spear, Jr.

Management Signature: 

Management Printed Name: Brett Cochran

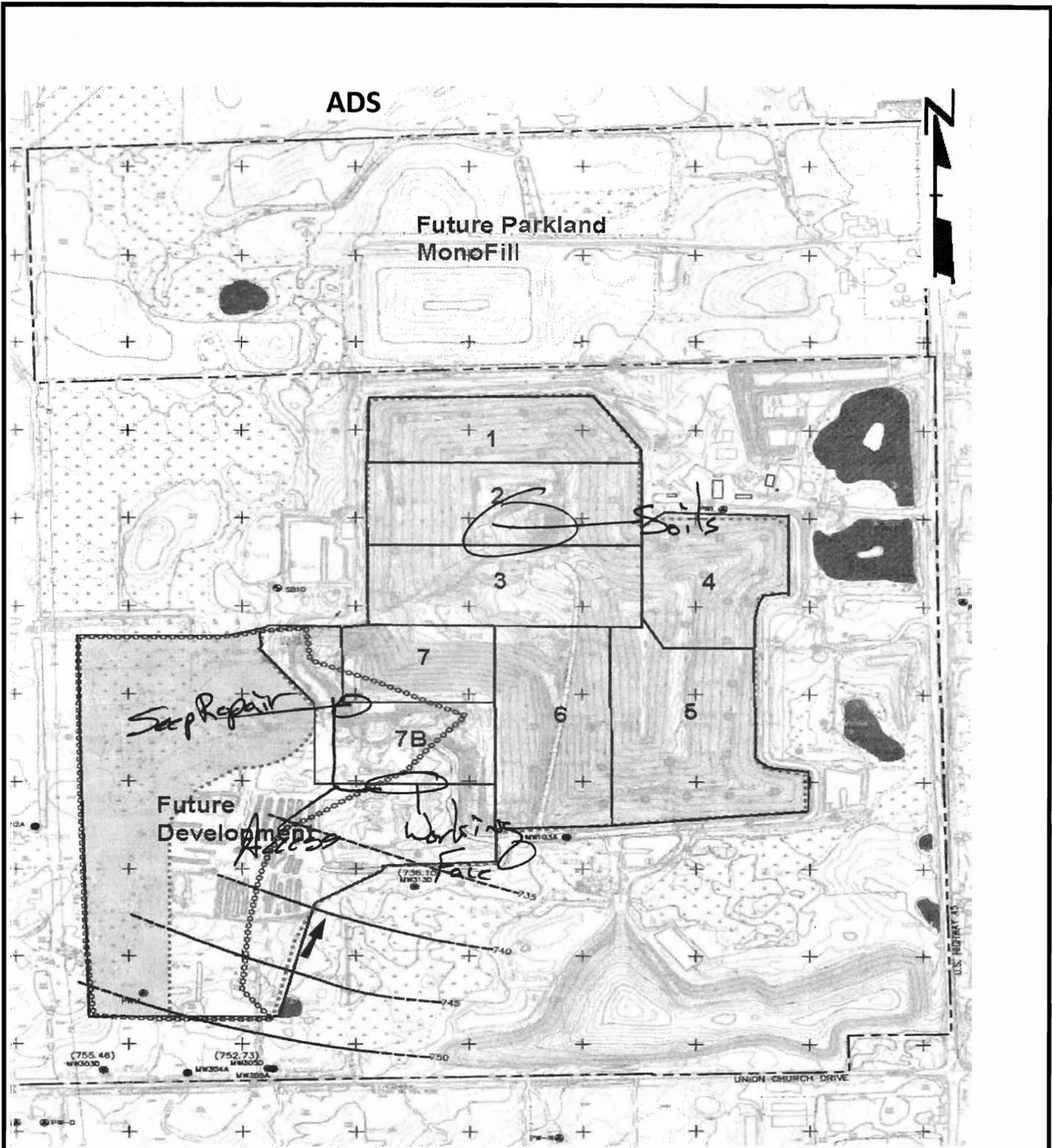
Management Title: OPS Manager

JSA Principal Signature: \_\_\_\_\_

Date: 5/28/16

Date: 5/28/16

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



Phase 2 & 3, top dressed and graded





Overview of compost lot and stone stockpiling activities



Active area viewed from North



Working face viewed from North



Working face viewed from East



Working face viewed from the South



South slope of Phase 7B, working face



Excavator at toe of slope, West side fo Phase 7, to repair seep and clean up rain flap



Excavator cleaning up rain flap and access way