



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 09/28/15  
**PROJECT NUMBER:** 1012.10030

---

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 10, 2015. The audit was performed at 2:05 PM on **August 14, 2015** by Jo Spear, Jr. in the presence of Julianne D , Office Administrator.

#### Landfill Operations Audit:

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

- Working face in Southwest corner of Phase 7 on slope
  - No other active faces today
- One compactor, one dozer, one excavator and one haul truck at work on site
- Soils from Phase 8 excavation used for cover on outboard slopes
- Sands and tarp used on inner slope
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD about 1,600 cfm
  - Gas plant delivering, no flares in operation during audit
  - One blower in operation
  - Vegetation in fair condition
  - Gas plant operating during audit
    - No staff available for additional details
  
- No storms since last audit
  - Possible rain event yet today
  - Site erosion repair and ditch cleaning progressing
- Odor around active area
- Liquid loads periodic
  
- Minimal litter on-site; clear off-site
  - Litter well controlled
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty
  
- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 1,800 TPD of MSW and special wastes

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- No rejected loads
- Residential drop-off site open
  - E-waste container present
  - Area has been cleaned
  - Boxes filling during audit

Comments:

- Backhaul and clay removal ongoing by Donovo Contractors
  - They have been working for last two days
  - May continue for another week
- Soils loads diminished
  - Only two bio-soil loads received in last two weeks

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 August 14, 2015  
 Auditor on site at:  Open  Close

TIME 2:05

WEATHER Sunny, Hot, Humid, Possible rain

WIND S-15 Steady  
 N S E W

TEMP Maximum 90 °F Minimum 69 °F B.P. 30.08

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southwest corner of Phase 7  
on slope. ~~There~~ No other  
working faces today.



Cover Material:

Soils from Phase B excavation  
on outboard slopes. Sands & tarp for inboard

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
-------------------	-------------------------------------	---------------	--------------------------

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#	NA		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	21,600	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Dead

Comments:

Plant operating. No staff available  
for additional details

D. Surface Water Management:

Storm Events Since Last	#	0	Est. Volume	0
-------------------------	---	---	-------------	---

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

Possible rain event today. Site erosion  
and ditch cleaning progressing

E. Odor Control:

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

Comments:

Odors about 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"/>	# 2

Comments:

*Litter well 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 & 8 Mile Closed.*  
*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"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	<i>1,800 Tons</i>			

Comments:

*MSW and specials*

J. Rejected Loads:

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

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

*Excess filling, site cleaned.*

M. Other Comments:

- \* Backhaul to Powers Contractors for last two days, possibly next week
- \* Soil loads diminished, two big soils received in last two weeks

Auditor's Signature: \_\_\_\_\_

Auditor's Printed Name: \_\_\_\_\_

Management Signature: \_\_\_\_\_

Management Printed Name: \_\_\_\_\_

Management Title: \_\_\_\_\_

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

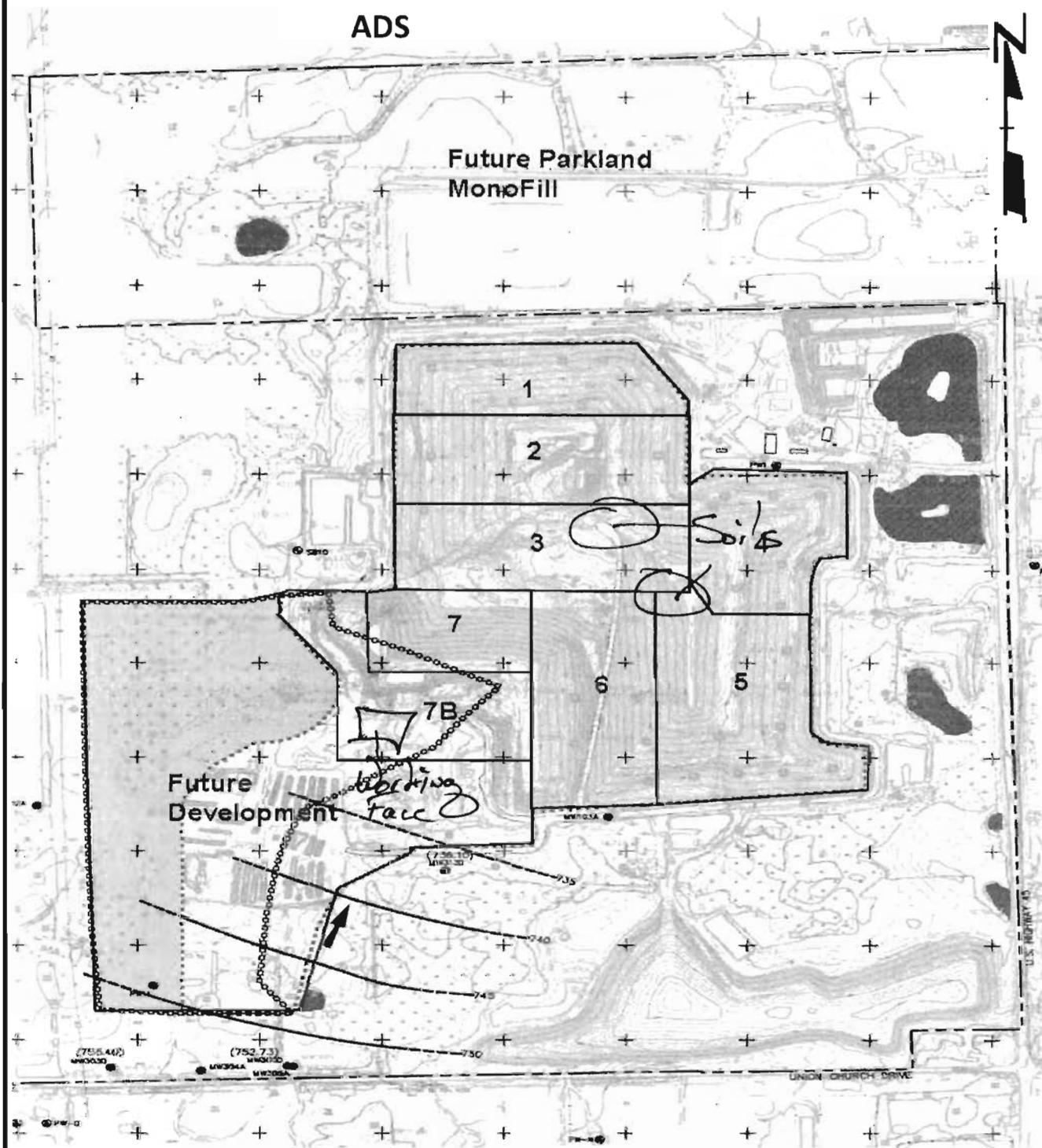
Date: 8/14/15

Date: 8/14/15

Date: \_\_\_\_\_

ADS

Future Parkland  
MonoFill



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



Bio-soil pile, received on three loads this week.



Soils on Phase 5&6, shapped to minimize erosion; not receiving additional material.



Active side of working face, viewed from East



Clay being excavated for back haul and for use as intermediate cover



Working face viewed from the South



Slope cover in soils, top cover in sands, fluff, and soils



Working face on Southwest corner of Phase 7B, on outboard slope