



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 12/16/15  
**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 November 2, 2015. The audit was performed at 2:34 PM on **November 6, 2015** 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:

- Working face in Southwest corner of Phase 7B
  - Working a edge of phase on out board slope
- Soil loads received on 11/3/15 piled in Phase 3
- One compactor & two dozer working on sit
- Poly fluff and sands use for daily cover
  - Have on hand two stockpiles of sand and one stockpile of C&D
- All leachate discharging to MMSD; no recirculation
- Small volumes of gas flowing to MMSD
  - About 800 cfm
- MMSD making occasional shutdowns as they destruct smaller volume of gas
  - One blower and one flare in use during audit
  - Several shut-downs during past week
- One storm event since last audit; about 1"
  - Some puddles on site
  - Roads are dry and serviceable
- Waste odor on site; strongest at active area
- Three liquid loads tipped during audit
- Litter present on-site and off-site
  - High winds over past two days have spread litter
  - Ditches and shoulders of US 45 littered
- Two pickers working to clean-up wind-driven litter
- US 45 and 8 Mile Road pavement clean; site roads gritty

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,800 TPD
    - Large soil job contributed to tonnage at beginning of the week
    - MSW, special wastes and C&D coming in during audit
  - Random load inspection 11/6/15
  - No rejected loads
- Residential drop-off open during audit
  - E-waste container present; emptied today
  - Site clean

Comments:

- New contractor for compost area
- Wood grinding expected throughout next week

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 November 6, 2015

TIME 2:32

Auditor on site at:  Open  Close

WEATHER Overcast, high clouds dropping temps 10-35  
 N  S  E  W

TEMP Maximum 50 °F Minimum 35 °F B.P. 29.90

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 is Southeast corner  
of Phase 3 to extent of Phase  
and on outboard slope

Soils reviewed in Phase 3 on Tuesday  
11/3/15



Cover Material:

# Poly fluff and sands  
two stack piles and one # stackpile of C/D

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 checked="" type="checkbox"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	# Several			
Shutdowns Since Last Audit:	# 11			
Flow to MMSD:	# 800		cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

MMSD taking only small volumes, occasional system shutdowns by MMSD

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 2 1/4

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

Some puddle about site. Roads dry and sealable

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: waste odor at active area

F. Liquid Loads Received:

Periodic, three during audit

G. Litter Control:

Litter Present Onsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:  
 High winds the last two days  
 Litter in US45 ditches and shoulder

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

US45 & 3 mile clean  
 Site roads gritty

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:	not 11/6/15			
Tonnage:	1,800 TPD			

Comments:  
 Large soil job at beginning of week. MSW, Special and CED today

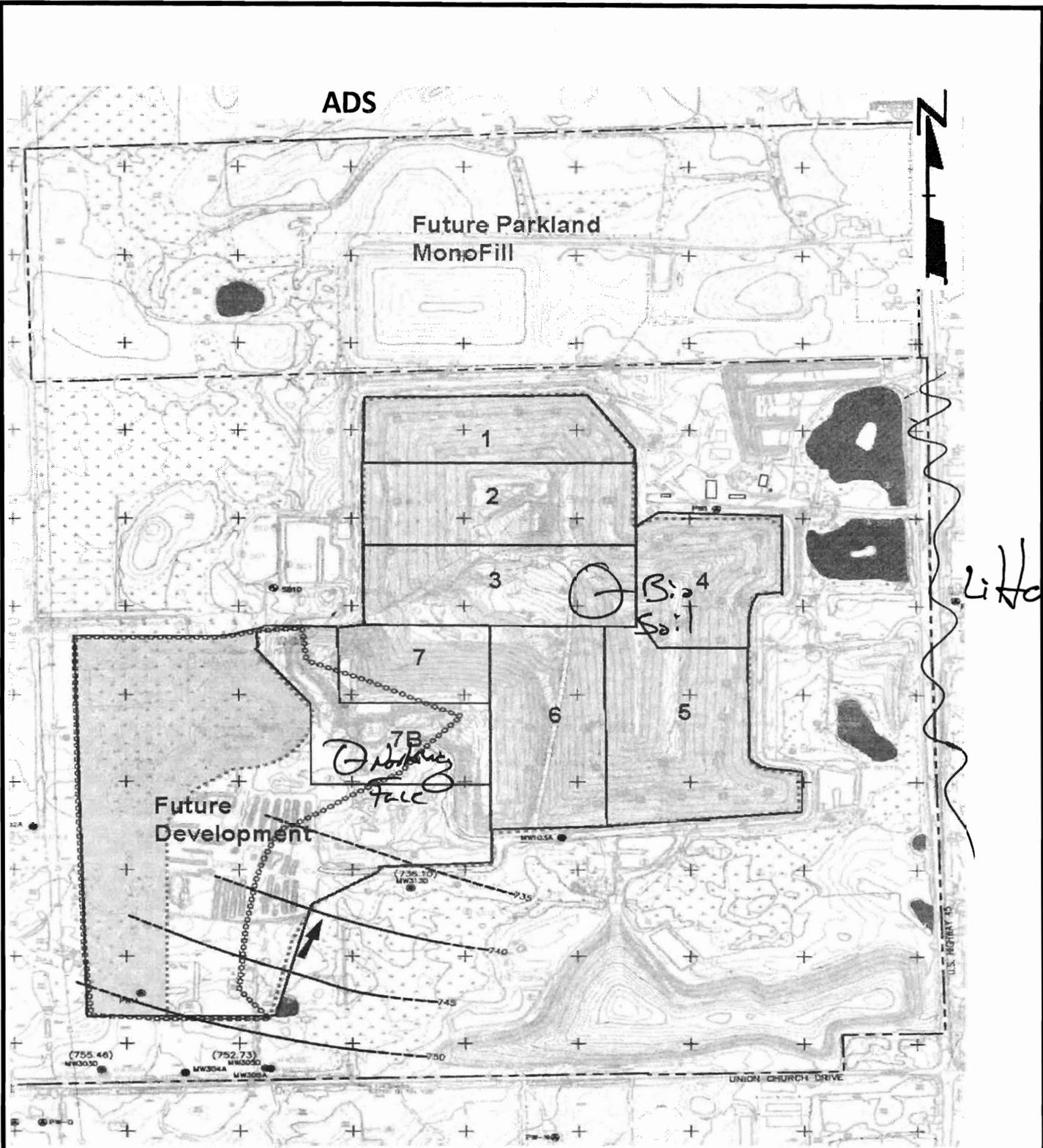
J. Rejected Loads:

	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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E-waste container emptied today  
 Site clean





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 Southwest corner of Phase 7B



Previous working face locations very well covered



Overview of site



Compactor working waste upward



Substantial ADC stockpile in Northwest corner of Active area



Working face with some litter



Working face at Southwest corner of Phase 7B, on both outboard slopes