



## MEMORANDUM

# ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 01/08/15  
**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 December 22, 2014. The audit was performed at 12:45 PM on **December 22, 2014** by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

### Landfill Operations Audit:

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

- Working face in in Southwest corner of Phase 7B al
  - Finishing lift at present elevation
- Small volume of bio-soil tipped in Phase 4/5
  - Not active during audit
- One compactor, one dozer, one haul truck and one excavator on siite
- Site soils and foundry sands in use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- System working as designed
- Gas flow consistent at 1,600 cfm
  - No flares in operation
  - One blower in operation
  - Vegetation in poor condition
  
- One storm event since last audit; approximately 1”
  - Minor rain and snow since last audit
  - Basin frozen on top
- No odors
- Liquid loads periodic
  
- Litter present on-site; clear off-site
- Two pickers working
  - Pickers working in Phase 6 during audit
  - Litter mostly in ditches
- US 45 and 8 Mile Road clean; site roads dusty
  
- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,400 tpd

### Attachments

Action Items List / Landfill Operations Audit Form  
Audit Photos



## MEMORANDUM

- MSW and some bio volume, cover soils & demo wastes
- All but bio to Phase 7
- Random load inspection 12/19/14
- No rejected loads
  
- Residential drop-off site clean
  - E-waste container present
  - Staff preparing to tip boxes after audit

### Comments:

- No odor complaints in 2014
- No odor control used in 2014
- Soil from future Phase 8 providing cover
- Roof construction for gas building addition is complete
  - Construction begun on wall

### 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 December 22, 2014  
 Auditor on site at:  Open  Close

TIME 12:45

WEATHER Overcast, rain falling

WIND 10-15  
 N  E  W

TEMP Maximum 37 °F Minimum 37 °F B.P. 29.94

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 is Southwest corner  
of Phase 7B finishing lift elevation  
small volume of Bio soil tipped in there 4/5  
but not active during audit



Cover Material:

Side soils & foundry sand

B. Leachate Management:

Discharge to MMSD  Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation: YES  NO  #

Blowers in Operation: YES  NO  # 1

Flare use since last audit # 0

Shutdowns Since Last Audit: # 0

Flow to MMSD: # 1,600 cfm

Vegetation Condition: Good  Fair  Poor  Dead

Comments:

System working properly

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume ~1"

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

Minor rain and snow events since last audit. Basins frozen on top

E. Odor Control:

Odors Present: Onsite  Offsite

Comments: No odors

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:

Pickers active in Phase 6 during audit  
 Litter mostly in ditches

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 clean

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:	12/19/14			
Tonnage:	1,400 TPD			

Comments:

New, small Bio volume, cover soils, &  
 Demo wastes, all but Bio to Phase 7

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Off: Open During Audit  E-Waste Container Present

Boxes being tipped today, after Audit



M. Other Comments:

\* No odor complaints in 2014

\* No odor control used in 2014

\* Soil from future Phase 3 being used for cover

\* Roof on gas building addition complete, walls under installation

Auditor's Signature:

Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature:

*[Handwritten Signature]*  
J. Walter Spear, Sr.  
*[Handwritten Signature]*  
David Coeiel  
Operations Manager

Date: 12/22/14

Date: 12-22-14

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





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

PROJECT NO. 1012.10030



Overview of Phase 7 (whole)



Working face in Southwest corner of Phase 7B West



Clean out for tipped trucks on West side of litter fences, East edge of Phase 7B



Future Phase 8 being excavated for cover soils



Access ramp into Phase 7 across previously placed waste and intermediate cover



Active area, viewed at grade from the East