



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 02/17/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 9, 2015. The audit was performed at 10:55 AM on **February 9, 2015** 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 for MSW in Phase 7B, Northern end
 - MSW and C& D going into working face
 - Sand and soil loads saved for cover
- One compactor, one dozer and one excavator on site
- Foundry sand and soil in use for daily cover
 - Tarp used if needed
- All leachate discharging to MMSD; no recirculation
 - Future Parkland leachate being applied in Phase 6
- Gas flow to MMSD consistent at 1,600 cfm
 - Gas plant delivering, flares in use only for regeneration
 - Shut down for regeneration only
 - Gas plant operating as designed
- No precipitation since last audit
 - Temperature dropped during week
 - Melt waters refrozen
- Odors downwind of working face
- Liquid loads tipped periodic
- Some litter on-site
- Two pickers working
 - Cleaning and thawing inbound scale
- US 45 and 8 Mile Road clean; site roads gritty with blown snow and icy patches
- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 1,530 tpd

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- MSW, contaminated soils and C& D coming in
 - One load of landfill direct
- Random load inspection 2/6/15
- No rejected loads

- Residential drop-off site clean from weekend
 - E-waste container present
 - Some boxes full

Comments:

- Site grader relocated to Cranberry Creek site/ 7 mile landfill

- Contractor grinding compost during audit
- No odor noticeable about compost area or on Union Church Road

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 February 9, 2015
 Auditor on site at: Open Close

TIME 10:55

WEATHER Very overcast, possible snow

WIND 10-15
 WIND N S E W

TEMP Maximum 25 °F Minimum 15 °F B.P. 30.15

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>1</u>	Dozer						
<u>1</u>	Excavator						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Only working face in Phase 7B Northern
end, MSW and C&P being
received, soils & sands saved for
cover.



Cover Material:

Foundry sands and landfill direct soils
for cover. Tarp available if needed

B. Leachate Management:

Discharge to MMMSD Recirculation

Phases: Future Parkland leachate being applied in
Phase 6

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		#	Regen Only	
Shutdowns Since Last Audit:		#	Regen Only	
Flow to MMMSD:		#	4600	cfm
Vegetation Condition:	Good <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/> Dead <input type="checkbox"/>

Comments:

Gas plant operating as designed

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:

Temps dropped since last audit. Melt
waters all frozen

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Odors down wind of working face

F. Liquid Loads Received:

Periodic

G. Litter Control:

Litter Present Onsite:	YES <input 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 cleaning and throwing in bound scale

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 gritty with blow slaw & some ice

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#
Equipment Operator:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:	2/6/15		
Tonnage:	1,530 TPD		

Comments:

found sand, MHW, C&D, and one load of landfill debris

J. Rejected Loads:

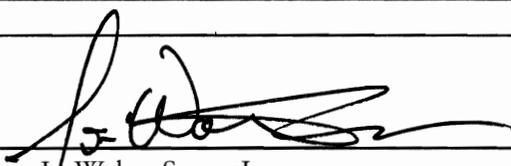
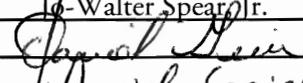
	Date/Time	Reason for Rejection
1.		None
2.		

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

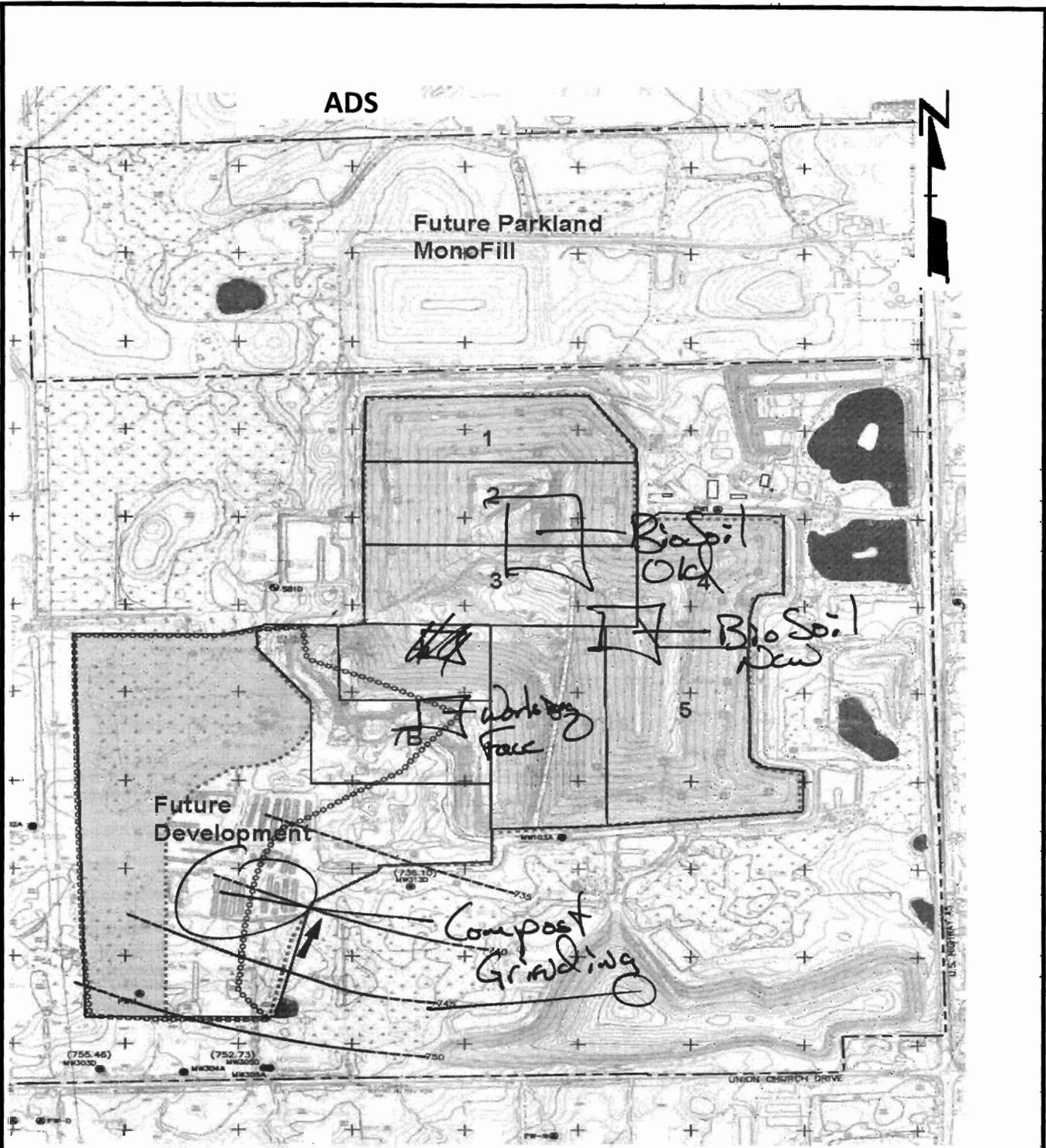
Drop off clean from weekend some boxes full

M. Other Comments:

* Grader being relocated to Cranberry
creek/7-mile landfill
* Compost contractor grinding during
audit. No odors about compost
area or Union Church road.

Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear Jr.
Management Signature: 
Management Printed Name: David Geis
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 2/9/15
Date: 2-9-15
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



Residential Dropoff, cleaned up after use on Friday 2/6/15.



Overview of Phase 7 from the North



Active area viewed from the West



Future excavation for Phase 8



Working face in Phase 7B



Active area outside of working face. Cleared and relatively clean.



Working face viewed from the left