



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 03/10/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 23, 2015. The audit was performed at 12:35 PM on **February 27, 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 in Northwest corner of Phase 6W
 - Filling along South slope of Phase 7
 - No other active working faces
- Receiving MSW and sludge wastes today
- One compactor, one dozer, two excavators and one haul truck active on site
 - One D6 in for repair
- Daily cover consists of soils, recovered poly fluff and tarp

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - No flares in operation during audit
 - One blower in operation
- One shut-down reported since last audit
 - MSD had an unannounced shutdown of one heater causing shutdown of gas delivery
 - Flare used during shutdown

- Two small snow storm events since last audit; about 1"
 - Site conditions frozen
- Strong odors above working face on-site
- Odor faint off-site
- Liquid loads periodic

- No litter on-site
- Litter present off-site
- Two pickers working
 - One picker working residential drop-off
 - Lower winds allowing better litter control

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- US 45 and 8 Mile Road clean; site roads clean
- Scale camera in use; 4 equipment operators; no spotter
 - Receiving approximately 1,582 tpd of MSW
 - Sludges from Gurnee (Wet Waste) tipped into Phase 6W
- Random load inspection 2/27/15
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Some boxes full
 - Use appears slower than usual

Comments:

- Basin #1 clean-up begun on 2/24/15
 - Several weeks estimated to complete clean out
 - Soils from cleaning placed in piles on site slopes for use after thaw
 - Some of this soil may be used for daily cover, as needed
- Poly fluff from previous placement is being recovered for daily cover
- Expecting new loads of autofluff in March

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 28, 2015
 Auditor on site at: Open Close

TIME 12:35

WEATHER Clear Sunny some clouds

WIND 0-S
 N S E W

TEMP Maximum 18 °F Minimum 3 °F B.P. 30.53

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	D6 Dozer	✓					

A. Working Face Size and Location:

Working face is Northwest corner of Phase 6W
against Phase 7 South slope receiving
Waste, MSW & Sludges today. No
other working faces.



Cover Material:

Soil, recovered poly fluff, and tarp

B. Leachate Management:

Discharge to MMSD Recirculation

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		#	0	
Shutdowns Since Last Audit:		#	1	
Flow to MMSD:		#	1,600	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:

MMSD had an unannounced shutdown of ex heater causing shutdown.

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume ~1"

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

Site conditions frozen, two small snow events

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Strong odors above working face

F. Liquid Loads Received:

Periodic

G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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:

1 picker operating resi-drop-off
Litter well controlled due to low winds

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 clear, site roads clear

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"/>	#	1
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	2/27/15			
Tonnage:	1,200 TPD = 1,582 TPD			

Comments:

MSW, Sludges from Currier (wet waste) all in these bins.

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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Some boxes full, use appears slow

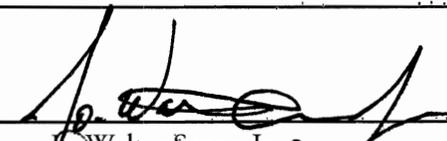
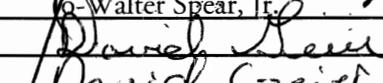
M. Other Comments:

* Cleaning of Basin #1 initiated on 2/27/15, appears it may take several weeks to complete.

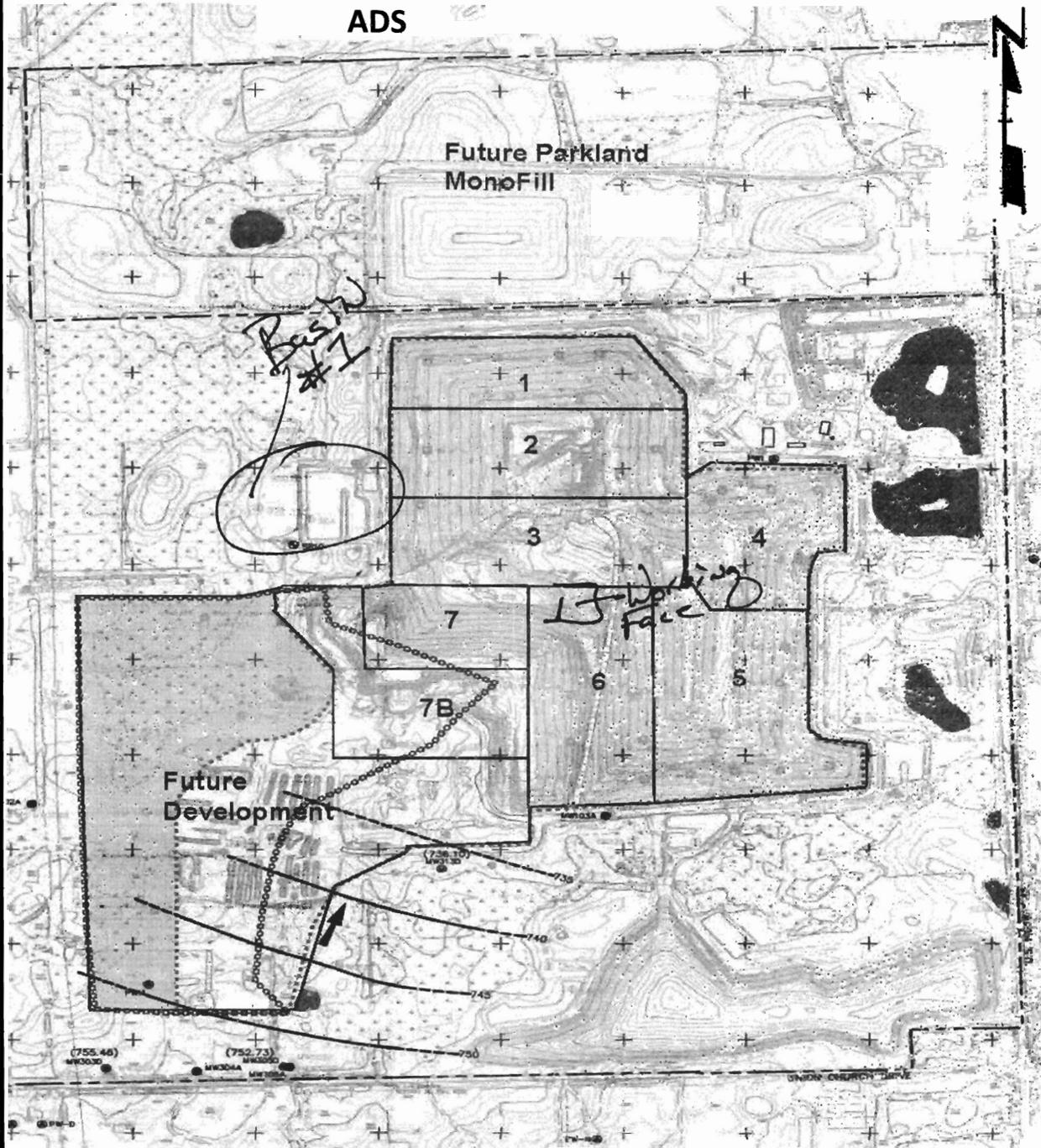
Soils from cleaning are being placed about site slopes for use when thawed. Soil will also be used for daily cover as needed.

* Poly fluff from previous placement is being recovered for daily cover.

* Some Auto fluff maybe received in March.

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

Date: 2/27/15
Date: 2-27-15
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



Working face viewed from the Southeast



Base #1, cleaning has started.



Working face at base of ramp from access road



Active area viewed from the North



Active area viewed from the East



Working face viewed from the East



Poly-fluff, shredded plastic, being recovered to use as cover



West edge of Phases 7, viewed from the North



Excavator being used to clean Basin #1