



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 03/23/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 29, 2016. The audit was performed at 3:00 PM on **March 4, 2016** 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:

- Day is clear and sunny with some high gusting clouds
- Working face for MSW is still along West edge of Phase 7
 - No other working faces on site
- Intermediate and daily cover has been well placed; site looks clean
- One compactor, one dozer and one excavator working on site
- Site soils and accumulated street sweepings used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
 - Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - 20 minute shut down and flare use today for blower maintenance
 - No other shut-downs

- One snow event since last audit; nearly 1"
 - Snow happened early in week
 - Site mostly thawed today
 - Basins still frozen
- Site has been prepared for additional snow over weekend
- Odor of gas on-site at Northwest corner of Phase 7
 - Odor due to plant shut-down during audit
- Liquid loads periodic

- Litter on-site; clear off-site
- Litter greatly reduced since last audit
- Four pickers working
 - One picker operating residential drop-off area

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- US 45 and 8 Mile Road clean; site roads mucky and gritty
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 TPD of
 - Receiving MSW. Special wastes and C&D
 - Random load inspection 3/4/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Use by residents appears reduced
 - Site clean

Comments:

- Site has begun using street sweeping dirt for cover
- Gas building delivery has been consistent so far for 2016
- Additional temporary workers, hired for week, have significantly improved litter situation

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

**ADS 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 March 4, 2016
 Auditor on site at: Open Close

TIME 3:00

WEATHER Clear, Some Clouds and sunny

WIND 0-10
 N E W

TEMP Maximum 35 °F Minimum 30 °F B.P. 30.18

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	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 still along west edge of Phase 7. No other working faces on site. Intermediate & daily cover well placed.



Cover Material:

Site soils & street sweepings

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	#	1		
Shutdowns Since Last Audit:	#	1		
Flow to MMSD:	#	4,600	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:

Shutdown for blower maintenance, 20 min today
No other plant shutdowns

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	21"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow event early in the week. Mostly thawed today. Site prepared for snow & rain over weekend
Basins still frozen

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor gas odor at Northwest corner of tract due to plant shutdown

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"/>	# <i>1/1</i>

Comments:

1 Picker running Residropoff. Litter greatly reduced since last audit

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 ds of 8 mile clean. Site roads muddy & gritty

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	<i>1</i>
Equipment Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	<i>3</i>
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	<i>3/04/2016</i>			
Tonnage:	<i>1,500 TPD</i>			

Comments:

Waste is MSW, Special, and C&D

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"/>
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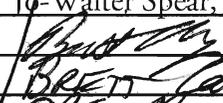
Residropoff use appears reduced. Site clean

M. Other Comments:

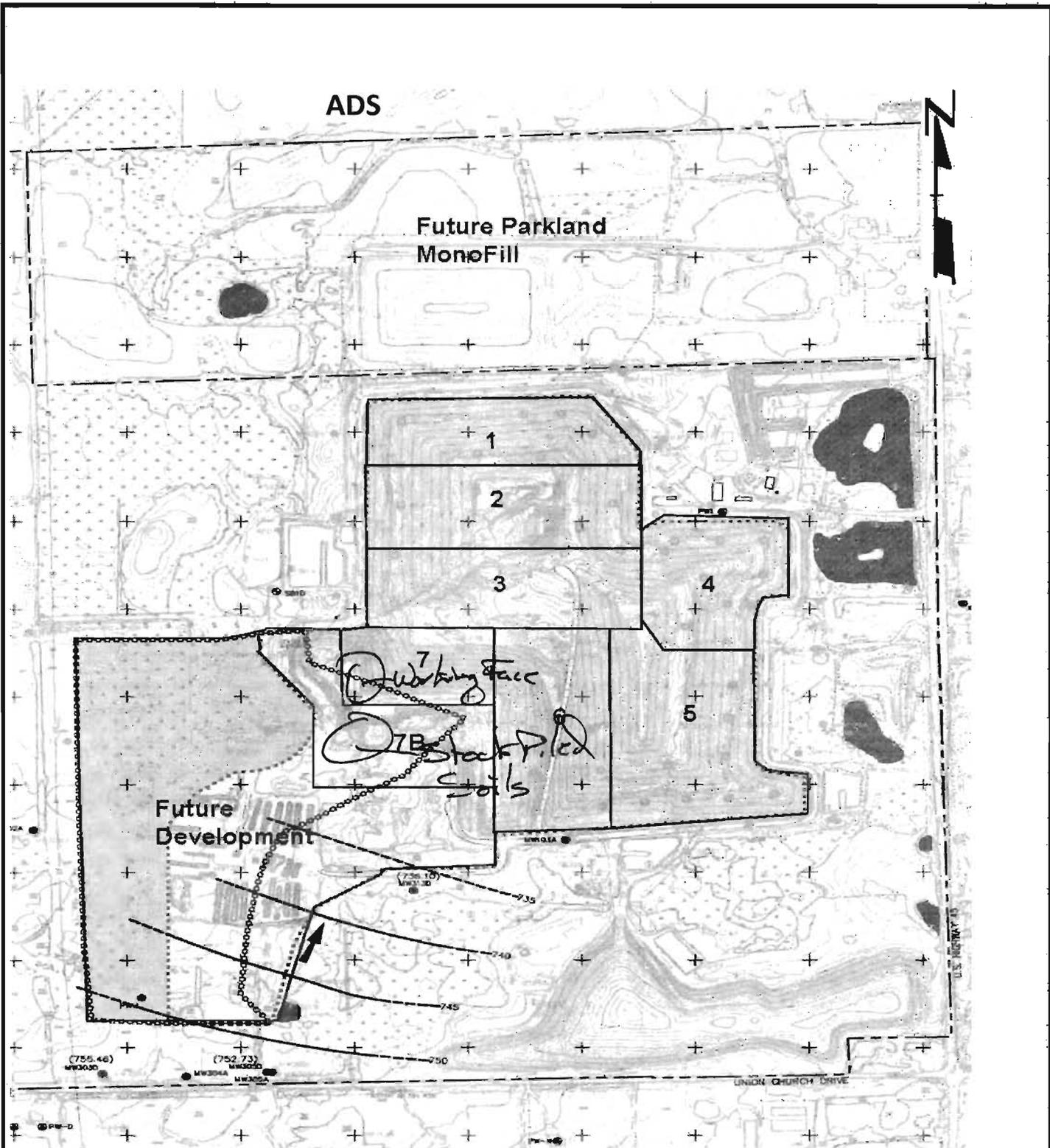
* Street sweeping dirt, wastes, used for cover.

* Gas building delivery has been consistent for 2016

* Litter greatly reduced since last audit. site has employed additional pickers throughout the week

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: BRETT LOMAN
Management Title: OPS. MANAGER
JSA Principal Signature: _____

Date: 3/4/16
Date: 3/4/16
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 at Western most edge of Phase 7.





Cleanout on South edge of Phase 7, viewed thru windshield



Active area viewed from the North, thru windshield



Access to Working face, materials in use for travelway



Active area viewed from North



South slope of Phase 7



West slope of Phase 7, pumping of Temp Sed Basin evident



Phase 7 West slope



Phase 7 West slope and temp sed basin, frozen