



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/23/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of May 1, 2016. The audit was performed at 11:05 AM on **May 6, 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:

- Clear and sunny with high clouds
- Working face in Southeast corner of Phase 7B; pushing out onto South slope
 - Second working face in Phase 3 for soils
 - Stockpiling incoming soil loads for cover
- One compactor & two dozer working on site
 - One D8 in for maintenance
- Site soils from future Phase 8 used for daily cover

- Leachate discharging to MMSD
- Liquid collected from future parkland applied to surface of active phase
- No gas flow to MMSD
 - Gas plant shut down until repair completed
 - Essential part required for repair was received today
 - Will be installed next week
 - Flares in operation until repair completed

- No precipitation since last audit
 - Site dry; basins still draining
- On-site roads dusty
- Erosion repairs in good condition
- Odors at working face
- Liquid loads periodic; high volume

- Site clear of litter; littered conditions off-site
 - Litter generally lower than during recent audits
- Two pickers working; one operating residential drop-off
- US 45 & 8 Mile Road clean; site roads dusty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 TPD
 - MSW, special and C&D, with addition of contaminated soils this week
 - Random load inspection 5/6/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Quite active today

Comments:

- Gas plant repair (replacement of crucial part) to begin next week
- Continuing excavation of Phase 8
 - Using recovered soils for daily cover
- West slope of Phase 7 has been redressed with additional cover

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 May 6, 2016
 Auditor on site at: Open Close

TIME 11:05

WEATHER Clear, Sunny, High Clouds

WIND 10-35
 N 9 E W

TEMP Maximum 84 °F Minimum 57 °F

B.P. 29.97

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
DB	Dozer						
<u>1</u>	<u>DB Dozer</u>		<u>X</u>				

A. Working Face Size and Location.

Working face in Southeast corner
of Phase 3, pushing out onto
South slope. Soil stockpiled
for cover

Second working face in Phase 3 for soil
loads



Cover Material:

Site soils from future Phase 8

B. Leachate Management:

Discharge to MMSD Recirculation

Phases: Surface up from future parkland

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Blowers in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Flare use since last audit		#	Cont.	
Shutdowns Since Last Audit:		#	Cont.	
Flow to MMSD:		#	0	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas plant part reviewed today, installation to begin next week

D. Surface Water Management:

Storm Events Since Last	# 0	Est. Volume	
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Site dry, basins draining. Roads dusty site erosion repairs in good shape

E. Odor Control:

Odors Present: Onsite Offsite

Comments: Odors at working fac-

F. Liquid Loads Received:

Periodic - high volume

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:

One picker running rest - dropoff, litter volume low

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 Cleans
 Site roads dusty

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 checked="" type="checkbox"/>	#	3
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	5/6/16			
Tonnage:	1,500 TPD			

Comments:

Soils added this week to MSW, Special, and CED

J. Rejected Loads:

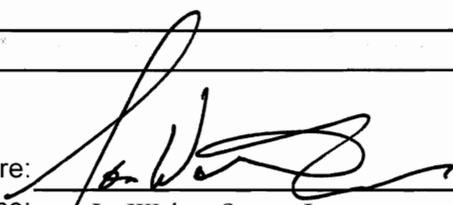
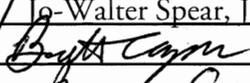
	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Active at site today

M. Other Comments:

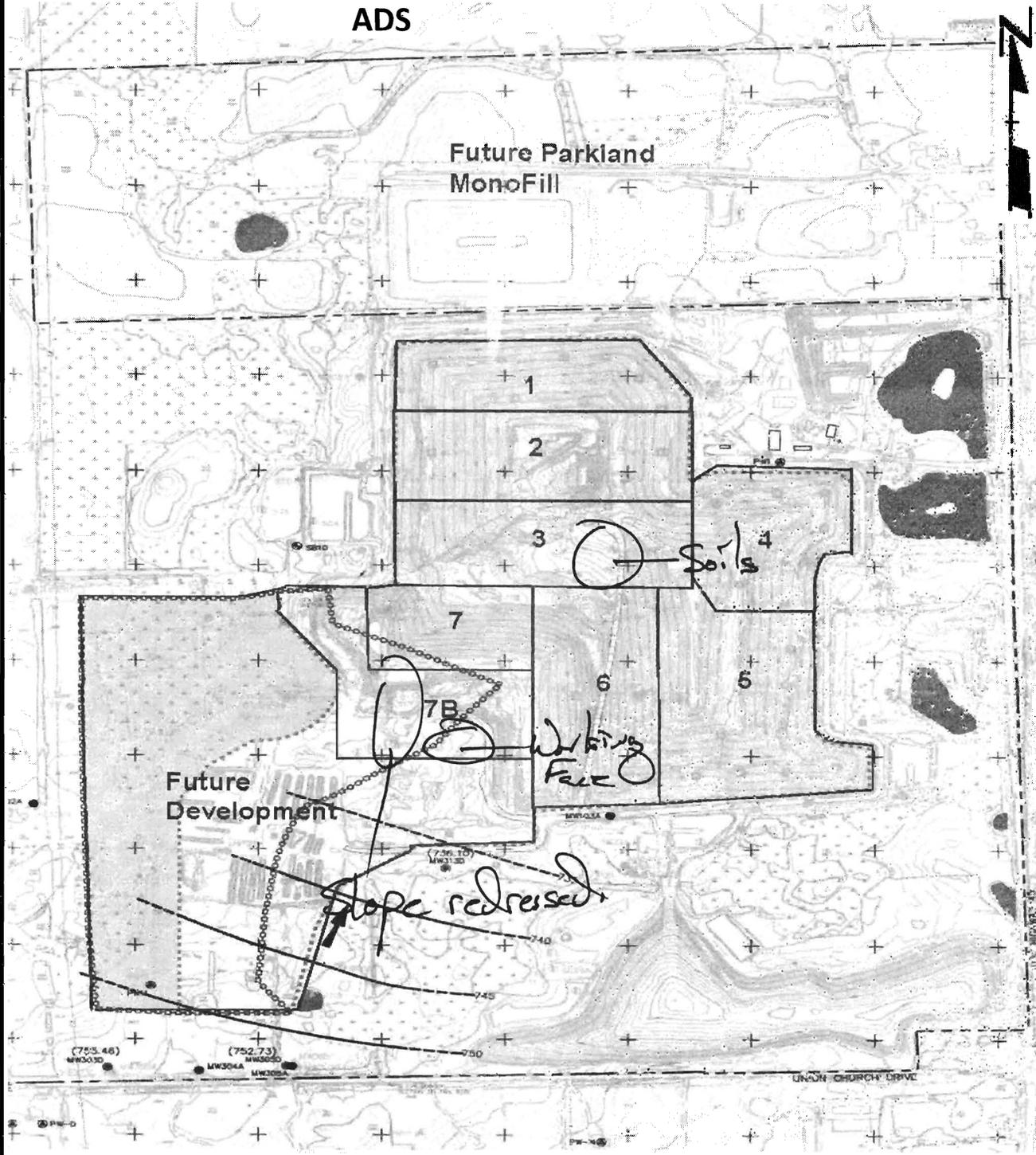
* Gas plant repair to begin next week
* Excavation Phase 8 continues for
cover.
* West slope of Phase 7, redressed
with additional cover

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Cannon
Management Title: AS Manager
JSA Principal Signature: _____

Date: 5/6/16
Date: 5/6/16
Date: _____

ADS

Future Parkland
MonoFill



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



Top of Phases 3, 4, and 5. Soil being used to bring phases up to final grades.





Western half of Active area



Active area



Active area and access



Working face on South slope of Phase 7B



Working face



Excavation of future Phase 8



Future Phase 8 excavation for intermediate cover placement



Phase 7, West edge over temp sed basin. Some rills, but in good shape



West Slope of Phase 7, cover conditions show rills, but in good shape



Temp sed basin pumped down, into Basin #1