



Memorandum

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 10/14/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 15, 2016. The audit was performed at 11:55 AM on **September 20, 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 sunny during audit chance of rain later today
- Working face in middle of Phase 7
 - All waste going to this area
- No access to Phases 1 & 3 due to ongoing deconstruction of old access road
- One compactor, two bulldozers and one excavator working on site
- Soils and poly fluff used for daily cover

- All leachate discharging to MMSD; no recirculation
- No gas delivered to MMSD since 9/16/16
 - Shut down due to failure of gas meter
 - One flare burning
 - Flare will be used until repairs are completed
 - Working to complete repair by 9/23/16

- One small storm on 9/19/16; about 1"
 - More rain expected this week
- Basins very low; temporary sediment basin low, too

- Garbage odor in Phase 7
- Liquid loads arriving daily
 - Tipped in Phase 7

- Litter on-site; clear off-site
- One picker working
 - Active picking around Phase 7
- Low litter conditions today
- US 45 and 8 Mile Road clean; site roads gritty

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
 - Last random load inspection 9/16/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present
 - Boxes mostly empty

Comments:

- Basin #2 still undergoing cleaning
 - Outfall is draining
- Stockpiles in Future Parkland prepped and in good condition for winter
- Sediment ponds prepped for winter weather, too

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 September 20, 2016
 Auditor on site at: Open Close

TIME 11:55

WEATHER Clear Sunny, possible rain

WIND 0-5
 N ⊙ E W

TEMP Maximum 76 °F Minimum 62 °F B.P. 30.17

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</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:

Working face in middle of Phase 7
receiving all wastes. No Access
to Phase 1 to 3, deconstruction of
Access road ongoing deconstruction



Cover Material:

Soils and poly stuff

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1
Blowers in Operation:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	#	
Flare use since last audit			#	9/16/16		
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 meter at gas plant failed
Working to supply by 9/23/16

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	2/1
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Small storm on 9/19, more small events expected thru the week, basins very low, temp sed pond low. Basin #2 overflowed

E. Odor Control:

Odors Present:	Onsite	<input checked="" type="checkbox"/>	Offsite	<input type="checkbox"/>
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Comments:

Much garbage odor in Phase 7

F. Liquid Loads Received:

In active area daily

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"/>	# 1

Comments:

Pickers active about Phase 7. Low
litter conditions

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 Clean, site roads
gritty

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:						9/16/16
Tonnage:						201 1,500 tpd

Comments:

MSW, Special, and Landfill

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

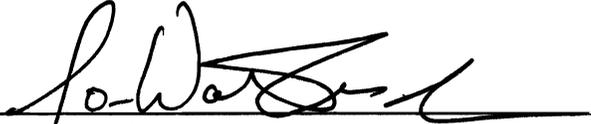
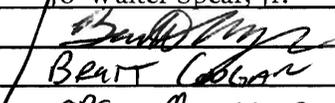
Residential Drop Off:	Open During Audit	<input type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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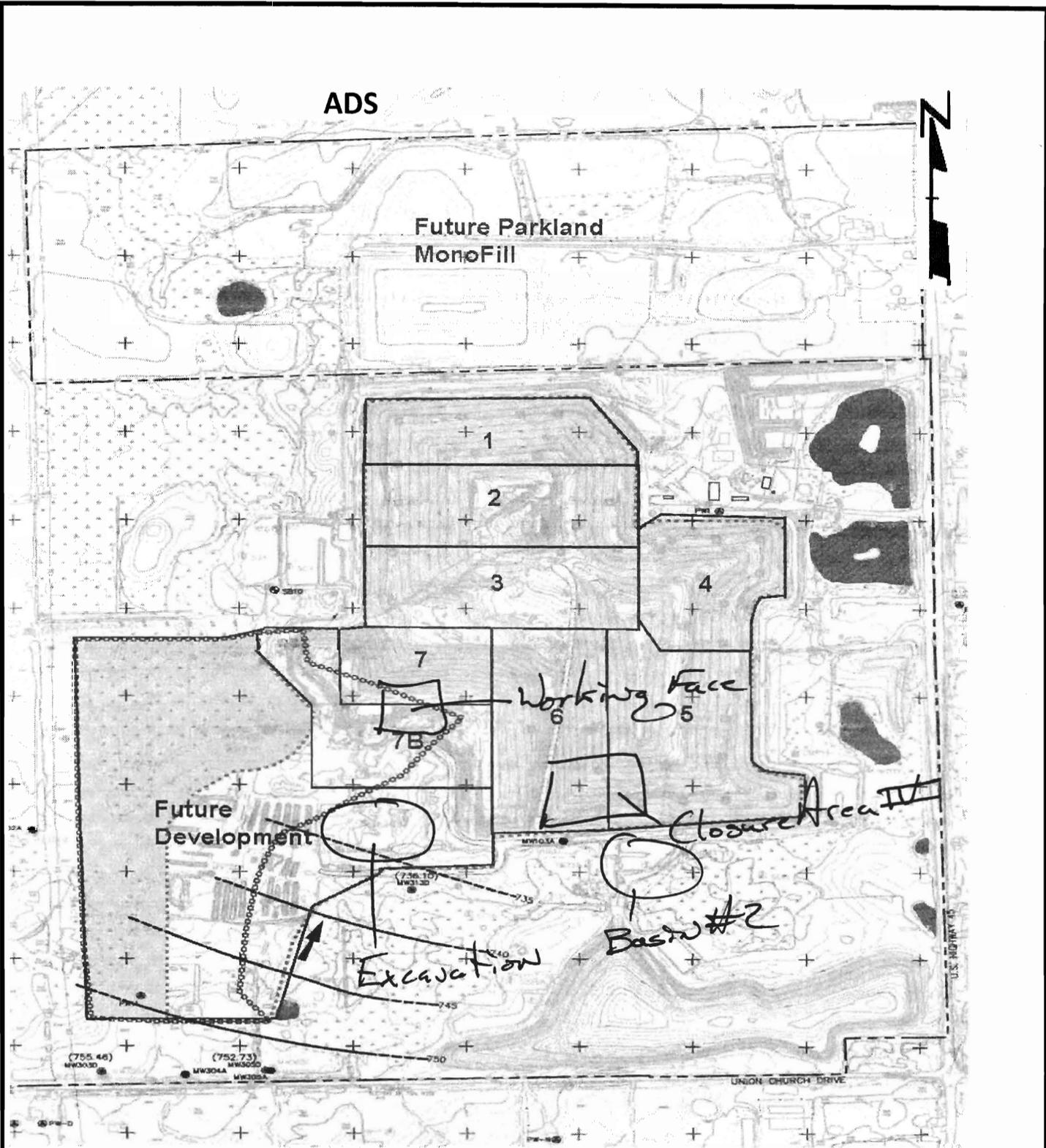
Boxes mostly empty

M. Other Comments:

* Basin #2 cleared, but outfall is still
~~stopped, being addressed~~ still being
cleared, outfall is draining

* Stockpiles in future parkland in good
shape for winter. Sed ponds in good
condition as well

Auditor's Signature:		Date:	9/20/16
Auditor's Printed Name:	Jo-Walter Spear, Jr.	Date:	9/20/16
Management Signature:		Date:	9/20/16
Management Printed Name:	Brent Coban	Date:	
Management Title:	OPS MANAGER	Date:	
JSA Principal Signature:		Date:	



Advanced Disposal Services Emerald Park Landfill
 Landfill Audit Map
 City of Muskego
 Project No. 1020.10030



ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
 LANDFILL CONTRACTORS AUDIT FORM
 CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE September 20, 2016

TIME 12:45

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

Clay excavated from future Stage 8
 being used for Lift #2 in Closure.
 Accidents,
 Plastic deployment expected in
 approximately two weeks



B. Excavations / Soil Management:

All Onsite, previously approved

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: [Signature]
Management Printed Name: Brett Coburn
Management Title: AS Manager

Date: 9/20/16
Date: 9/20/16

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

PROJECT NO. 1012.10030



Phase 7 West slope and Temp Sed Basin





Closure Area III & IV interface



Closure Area IV



Closure Area IV receiving additional clay



Second lift of clay being placed and graded on Closure Area IV



Closure Area IV



Second lift initiated on Closure Area IV



Clay being compacted about leachate vault for construction of Closure Area IV



Southeast corner of Phase 6 and Closure Area IV



Previously used access road to top of Phases 1 thru 3 being deconstructed prior to placement of waste



Trucks staged out for cleaning and exit



ADC stockpile and tipping hand truck



Tipping in working face



Truck being unloaded by hand away from tipping vehicles



Various ADC stockpiled for cover



Compost area and stockpiling for construction



Excavation of future Phase 7&8, excavation being used for Closure Area IV



West slope of Phase 7, minor rills and compost



Temp Sed Basin below Phase 7



North slope of excavation above Temp Sed Basin