



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 03/13/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of February 22, 2016. The audit was performed at 12:14 PM on **February 25, 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:

- Sunny day with gusting wind and some cloud cover
- Working face on West edge of Phase 7, top of slope;
 - Directly above temporary sedimentation basin
 - No other working faces today
- Bio-soils received earlier in week
- One compactor & two dozers working on site
- Using recovered landfill direct soils from slope for daily cover

- Leachate discharging to MMSD; no recirculation
 - Accumulated surface water is being collected from Future Parkland
 - Collected water applied to surface of active face in Phase 7

- Gas flow to MMSD consistent at 1,600 cfm
 - Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - Shut downs and flare use since last audit have been for regeneration only
 - Landfill delivering at 100% when requested by MMSD

- No precipitation since last audit
 - Site has been experiencing thaw and refreeze
 - Temporary sediment basin was pumped for 10 hours during warm spell on 2/24/16
- Minor gas odor at Southeast corner of Phase 7
- Liquid loads periodic

- Litter problem increasing on-site; Off-site reasonably clear
- Wind conditions creating severe litter on-site
- Six pickers active during audit

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Ordering additional pickers (10 per day) from temporary service
- US 45 and 8 Mile Road clean

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,500 TPD of MSW and special wastes
 - Bio-soils early in week; none today
 - Random load inspection 2/19/16
 - No rejected loads

- Residential drop-off site clean
 - E-waste container present and freshly emptied

Comments:

- Access road will be reconstructed when weather conditions improve

- Waste wood which was stockpiled in compost area is being moved to working face for use as cribbing to provide stable base for traffic & tipping

- Temporary basin pumped down during warm spell; restoring plenty of freeboard

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 February 25, 2016

TIME 12:14

Auditor on site at: Open Close

WEATHER Sunny & Cloudy gusting

WIND 10-25
 S E W

TEMP Maximum 35 °F Minimum 24 °F

B.P. 29.88

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

A. Working Face Size and Location:

Working face on West, top of slope, edge of Phase 7, above Temp Sed basin.
No other working faces today.
Bio soil was reviewed earlier during the week.



Cover Material:

Recovered landfill direct ~~soils~~ from
Slope

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

Surface application from future Parkland

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input 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 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:

Full 100% Delivery when MMSD requests

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 has experienced thaw & freeze since
last audit. Temp Sed basin pumped for 10hrs
on 2/24/16

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Minor gas odor at southeast corner of Phase 7

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"/>	# 6

Comments:

Ordering 10 duties from temp services due to wind
 Litter severe about landfill, no off-site litter

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

as to 8 Mile Clean

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 type="checkbox"/>	#	
Random Load Inspection Dates:	2/19/16			
Tonnage:	1,500 TAD			

Comments:

MSW and Special.
 No during the week but not today

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

E-Waste container empty

M. Other Comments:

* Access road construction expected in better weather conditions.

* Waste wood ~~from~~ stockpiled in Compost area being moved to Working face to make good base for traffic & tipping

* Temp Basin pumped down, plenty of free board

Auditor's Signature:

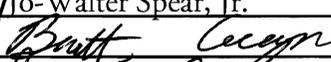


Date: 2/25/16

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 2/25/16

Management Printed Name:

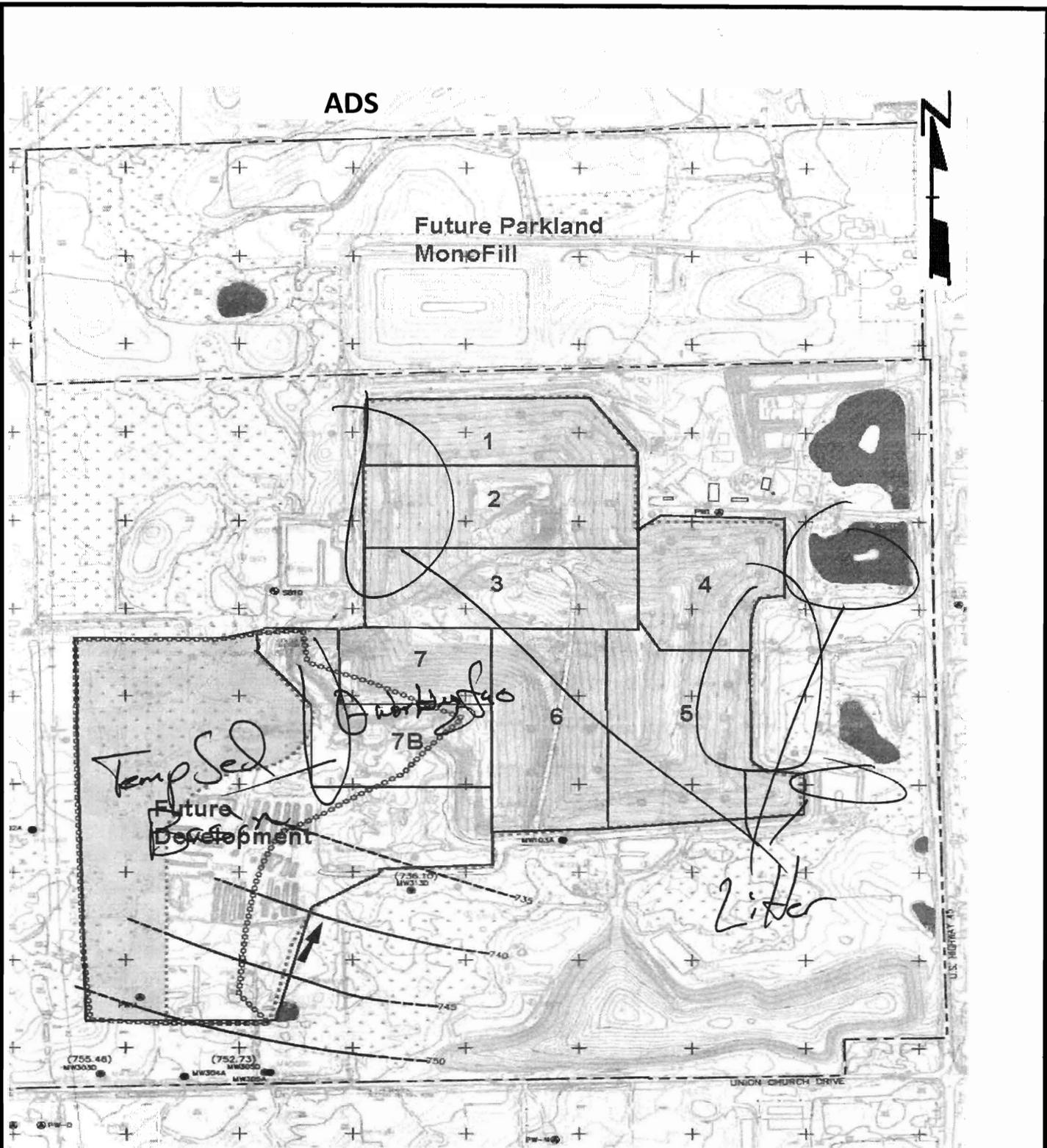
Brent Carlan

Management Title:

OPS MANAGER

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 / CITY OF MUSKEGO
AUDIT PHOTOS**

PROJECT NO. 1012.10030



Working face viewed from North





Working face on West edge of Phase 7



Active area viewed from the North, roll-off truck cleaning out



Working face and Temp sed basin viewed from Northeast



Working face viewed from Southwest



Working face viewed from West, soil stockpiled below for daily cover



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



Deep ril in West slope of Phase 7, repair will have to occur in dryer conditions