



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 01/29/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of January 4, 2016. The audit was performed at 2:30 PM on **January 8, 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:

- Fog and overcast weather
- Working face in Phase 7
 - Only one active working area
- Site visibility severely limited
 - Could not capture conditions with camera
- One compactor, one dozer and one haul truck working on site
 - One D6 in for repair
- Foundry sand and soils n use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD still restricted
 - Flare and blowers in continuous operation
 - No shutdowns since last audit
 - Current flow approximately 1,500 cfm
- Scheduled maintenance by MMSD will require complete shut down
 - Expected to be shut down over weekend and through next week.
 - There will be no gas delivery until repairs completed
- Vegetation snow covered

- Numerous snow and rain events since last audit; about 2.5"
 - Site snow covered; melt free flowing
 - Basin have freeboard; surfaces partially frozen and slushy
- No odors
- Liquid loads periodic

- Litter present on-site; clear off site
- Two pickers working

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Pickers active further from roadways for safety
- One picker operating residential drop-off
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- Roads snow-covered with mounded snow on shoulders
 - Roads appear litter-free
- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,400 TPD of MSW and special waste.
 - Very few soil loads
 - Random load inspection 12/26/15
 - No rejected loads
- Residential drop-off site open
 - E-waste container present
 - Space in boxes
 - Low activity today

Comments:

- Fog making it difficult to see operations
- Freezing conditions to continue through weekend
- Temporary sediment basin has been pumped down to acceptable level

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 <small>month/date/year</small>	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 January 8, 2016
 Auditor on site at: Open Close

TIME 2:30

WEATHER Heavy Fog, overcast, possible

WIND 0-5
~~SE~~

TEMP Maximum 39 °F Minimum 33 °F

B.P. 79.83

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

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

A. Working Face Size and Location:

Working face in Phase 7 only. Site visibility
very limited. Pictures cannot capture
conditions.
No other working faces



Cover Material:

Soils, sandy soil

B. Leachate Management:

Discharge to MMSD Recirculation

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 checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Flare use since last audit	# Continuous			
Shutdowns Since Last Audit:	# None			
Flow to MMSD:	# 1500		cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Snow covered
MMSD still taking restricted flows MMSD
doing maintenance over weekend & next week. No delivery

D. Surface Water Management:

Storm Events Since Last	# 23	Est. Volume	22.54
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain and snow events since last audit. Site
snow covered, travel ways have flowing water & melt
Basin have freeboard with frozen or slushy surfaces

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No Odors

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 type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:

Sticks and other off road ways for safety
 Use picker running drop off

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

Stk Road conditions hard to see, appears litter
 Site, shoulders mounded with snow

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:	12/29/15			
Tonnage:	1,300 TPD			

Comments:

Minimal soils, MSW, and special.

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		
2.		None

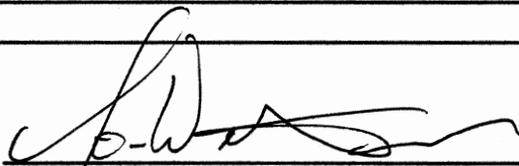
Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Drop off numbers low today.
 Boxes have free board.

M. Other Comments:

- * Fog makes it difficult to see operations
- * Site conditions will be frozen over the weekend
- * Temp seed beds pumped down to acceptable level

Auditor's Signature:

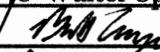


Date: 1/8/16

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 1/8/16

Management Printed Name:

Brett Coleman

Management Title:

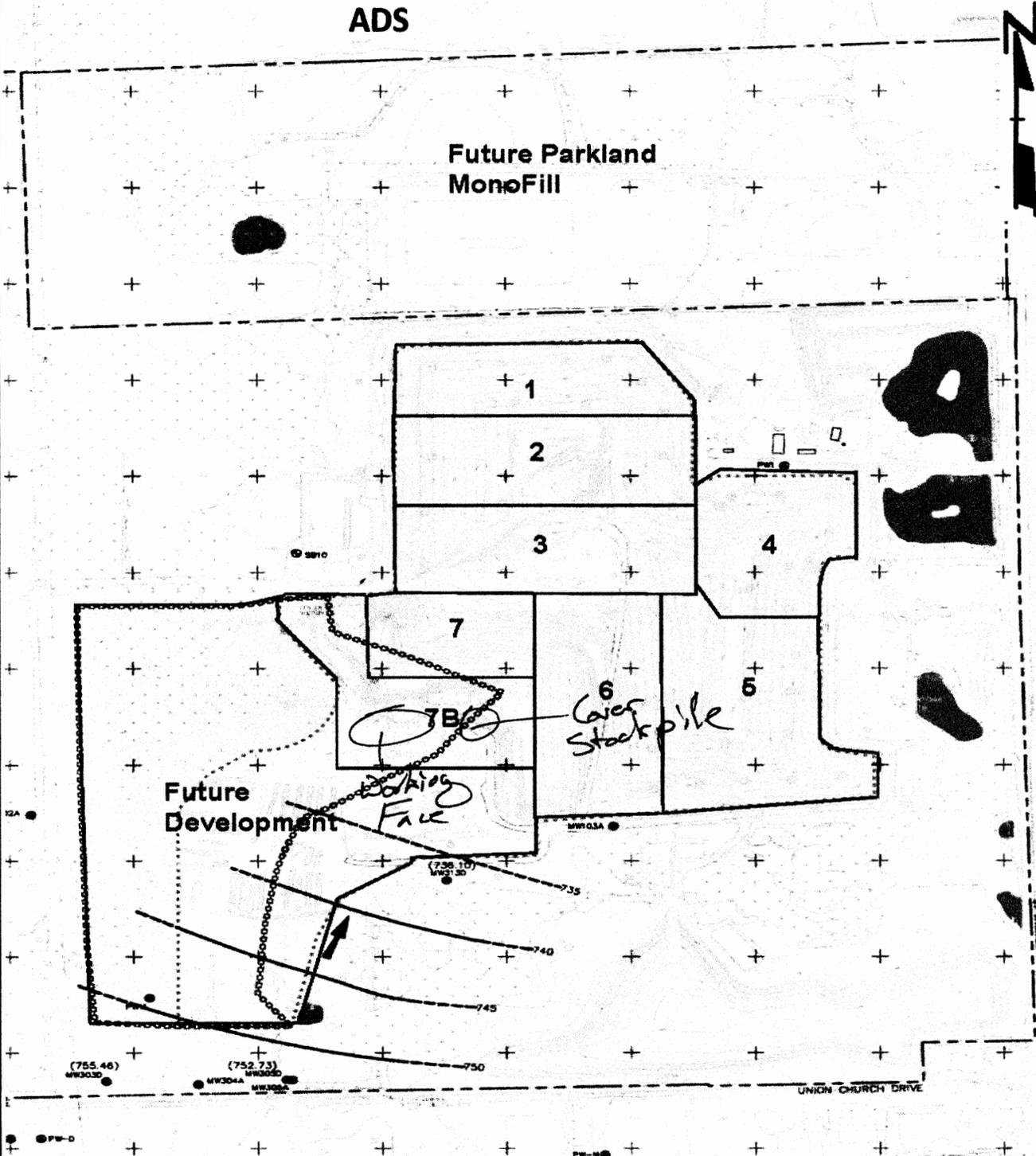
GIS Manager

JSA Principal Signature:

Date:

ADS

Future Parkland
MonoFill



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

