



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 12/29/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of December 7, 2015. The audit was performed at 10:00 AM on **December 11, 2015** 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:

- Working face in Southwest corner of Phase 7B
 - Actively packing wastes and covering against West outbound slope
 - No other active working faces
- One compactor & one dozer working on site
- Daily cover composed of site soils

- All leachate discharging to MMSD; no recirculation
- No gas flow to MMSD; MMSD not accepting gas
 - One flare and one blower operating
 - ;Collected gas being burned off in flare
 - Vegetation in fair condition

- Semi-continuous 'sprinkling' showers and ground fog since last; very little accumulation
 - Warm temperatures; no icing
- No odors on or off-site
- Liquid loads periodic

- Litter on-site; clear off-site
- Three pickers cleaning in Phases
- One picker running resident drop-off
- US 45 and 8 Mile Road clean; site roads gritty
 - Litter visible from nearby roads has been well cleared

- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 1,600 TPD
 - MSW, special wastes and small volumes of soils
 - No rejected loads

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Residential drop-off site clean
 - E-waste container present
 - Busy with residents using area

Comments:

- Litter is an on-going issue due to winds this week
 - Litter well confined to on-site
- Site still drying from storms a week ago
 - Too wet to repair rills or clear drainage ditches
 - Drainage ditches still functional
 - Basins draining
 - Temporary sediment basin pumped down to usual level
- Purple Cow no longer working with Emerald Park compost
 - New contractor operating compost lot

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 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 December 11, 2015
 Auditor on site at: Open Close

TIME 10:00

WEATHER Some clouds, mostly clear days

WIND 0-5
 N E W

TEMP Maximum 48 °F Minimum 40 °F

B.P. 29.73

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	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 in southwest corner of Phase B
against West outboard slope.
Waste placement and cover active during
audit.
No other working faces



Cover Material:

Site soils

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 checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1		
Flare use since last audit			#	1				
Shutdowns Since Last Audit:			#	1				
Flow to MMSD:			#	0	cfm			
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

MMSD Not receiving so gas being flared

D. Surface Water Management:

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

Sprinkling events since last audit. Warm temps preventing frost conditions

E. Odor Control:

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

No odors on or off site

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"/>	# 4

Comments:

1 Picker running resi-dropoff
 3 Pickers active in Phases During active

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, no litter, 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"/>	#	0
Random Load Inspection Dates:				
Tonnage:	1,600 TFD			

Comments:

Msw, special, and small volumes of various soils

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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Site clean & active.

M. Other Comments:

* Site litter extensive due to winds this week

* Site still drying from storms a week ago. Too wet to repair rills. Drainage ways open enough for use. Basins draining. Temp sed basin pumped down to prep work level

* Purple load no longer at Emerald Park. New contractor operating compost lot.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Jo-Walter Spear, Jr.

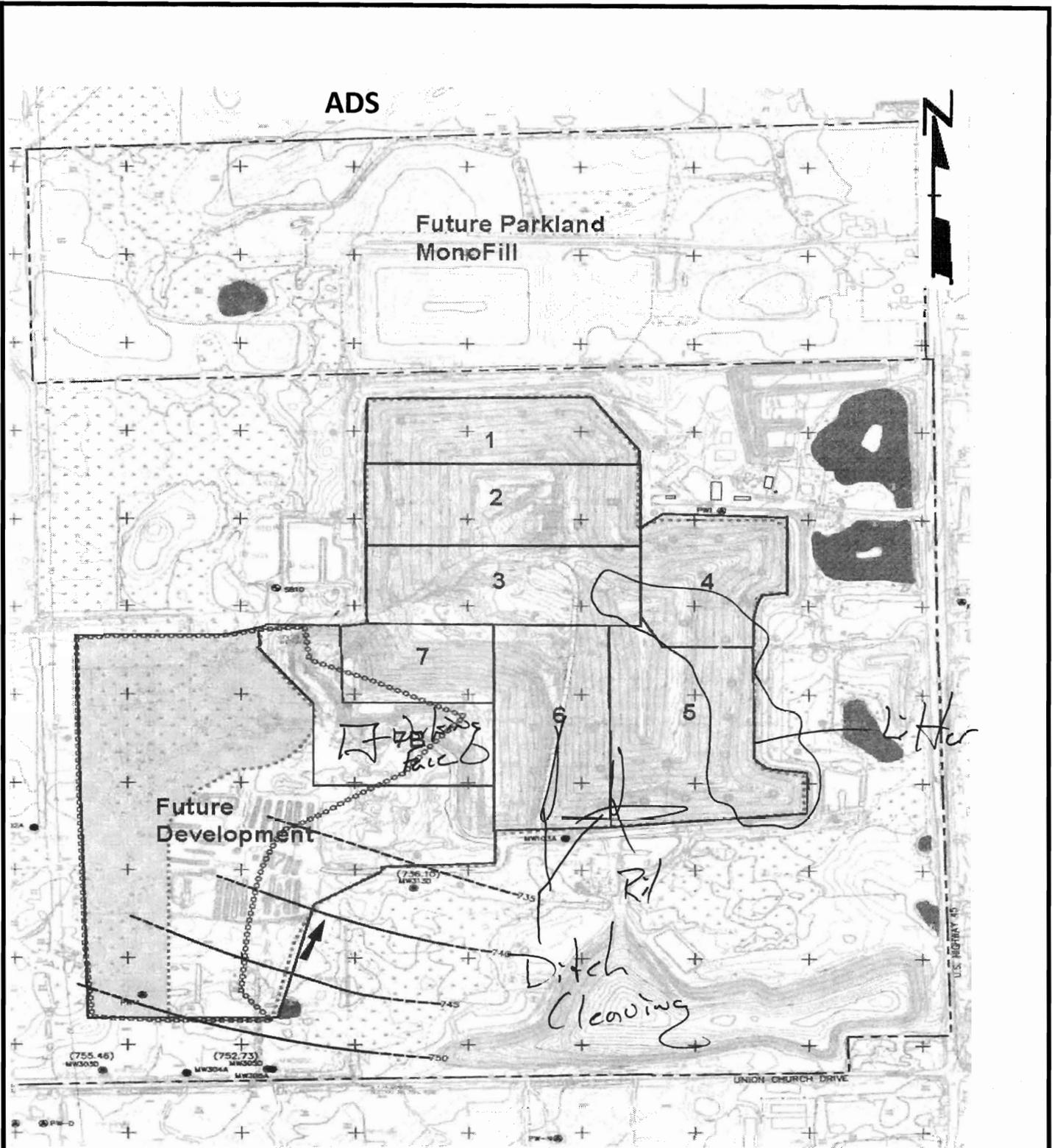
BERT CHOLGA

OPERATIONS MANAGER

Date: 12/11/15

Date: 12/11/15

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



Active area and working face



Eastern portion of active area viewed from the North



Compactor active in large working face



Active area outside, North, of Working face



Active area, working face on the right



Active area viewed from the East



Phase 7B viewed from the South



Southwest corner of Phase 7B, recently covered after waste placement



Tipping viewed from the West above and behind outboard slope



West slope of Phase 7B, cover over previous day's tipping, new tipping against slope.



Temp sed basin, pumped down after rain events, prepared for future storage