



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 03/26/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of March 23, 2015. The audit was performed at 1:10 PM on **March 25, 2015** by Jo Spear, Jr. in the presence of David Greier, Operations Manager.

Landfill Operations Audit:

The following conditions were noted during this Audit of the VEPL Facility:

- Working face at border of Phase 6W and Phase 7
 - Lift moving Westward across Phase 7
 - No other working faces on site
- Flagging on South slope of Phase 7
- One compactor, one dozer, one excavator and one haul truck at work
 - One D6 and one D8 dozer in for major repair or maintenance
- Soils and auto fluff n use for daily cover
 - Autofluff stockpile is nearly depleted

- All leachate discharging to MMSD; no recirculation
- Regeneration and/or moisture issues negatively affecting gas delivery
 - Flare use during visit due to above issues
 - One blower in operation
 - Vegetation in poor condition

- One storm event since last audit; less than 1"
 - Minor rain & snow event earlier in week
 - Site still thawing
- No odors
- Liquid loads more frequent this week

- Litter on-site
 - Well controlled for such a windy day
- One picker working
- US 45 and 8 Mile Road clean
- Site roads gritty; some breakdown apparent

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; three equipment operators; no spotter
 - Receiving approximately 1,475 tpd
 - Unusually large volume of Landfill Direct Soils today
 - Random load inspection 3/19/15
 - No rejected loads
- Residential drop-off site clean
 - E-waste container over full
 - Collection contractor arrived to empty box during audit

Comments:

- Erosion due to thaw mostly impacting South slope of Phase 5
- Improvements to temporary sedimentation basin completed today
 - Improved access and pumping
 - Completion of Basin #1 cleaning on temporary hold
 - Nearly completed

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 March 25, 2015 TIME 1:10
 Auditor on site at: Open Close

WEATHER Overcast, low clouds, high winds WIND 15-40
 N S E W

TEMP Maximum 44 °F Minimum 31 °F B.P. 29.83

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	D8 Dozer	X					
1	D6 Dozer		X				

A. Working Face Size and Location:

Working face at border of Phase 6W
and Phase 7. Lift moving
westward across Phase 7.
No other working faces on site
Flagging on south slope of Phase
7.



Cover Material:

Soils & Autocluff
Autocluff stockpile nearly depleted

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"/>	#	1
Flare use since last audit	#	NA				
Shutdowns Since Last Audit:	#	NA				
Flow to MMSD:	#	cfm				
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>
					Dead	<input type="checkbox"/>

Comments:

Regen or moisture issues causing flare use during audit

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	<1"
-------------------------	---	---	-------------	-----

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Minor rain & snow event earlier in the week
Site still thawing

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

F. Liquid Loads Received:

Periodic increased volume this week

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: Litter well controlled for a high winds day

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 road clean.
Site roads gritty, some breakdown

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:	<u>3/19/15</u>			
Tonnage:	<u>1,475 TPD</u>			

Comments: Today large volume of Landfill/Direct soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<u>None</u>
2.		

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

E-Waste container over flowing
collection contractor emptying box during audit

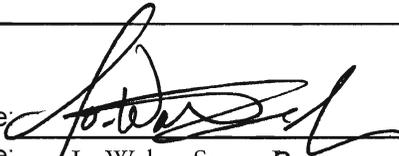
M. Other Comments:

* Erosion from thawing mostly impacting Phase 5 South slope.

* Improvements on temp Sed basin for access and pumping completed today.

* Basin #1 cleaning on hold, very little left to remove

Auditor's Signature:

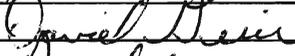


Date: 3/25/15

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 3-25-15

Management Printed Name:

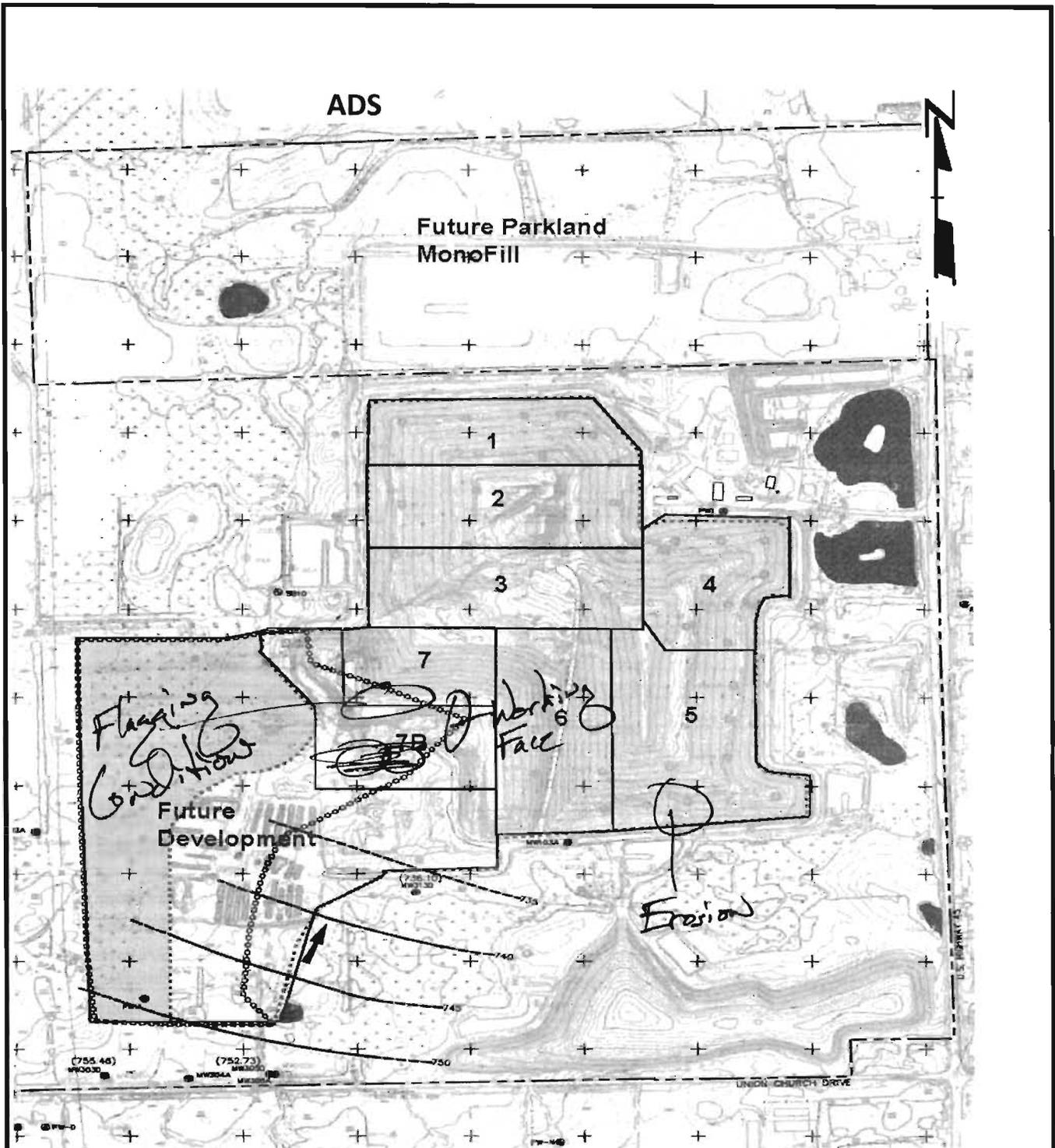
David Geist

Management Title:

ops Manager

JSA Principal Signature:

Date: _____



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



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

PROJECT NO. 1012.10030



West slope of Phase 2/3, above view of temp sed basin.



Western portion of footprint and temp sed. basin



Active area and future Phase 8 in the background



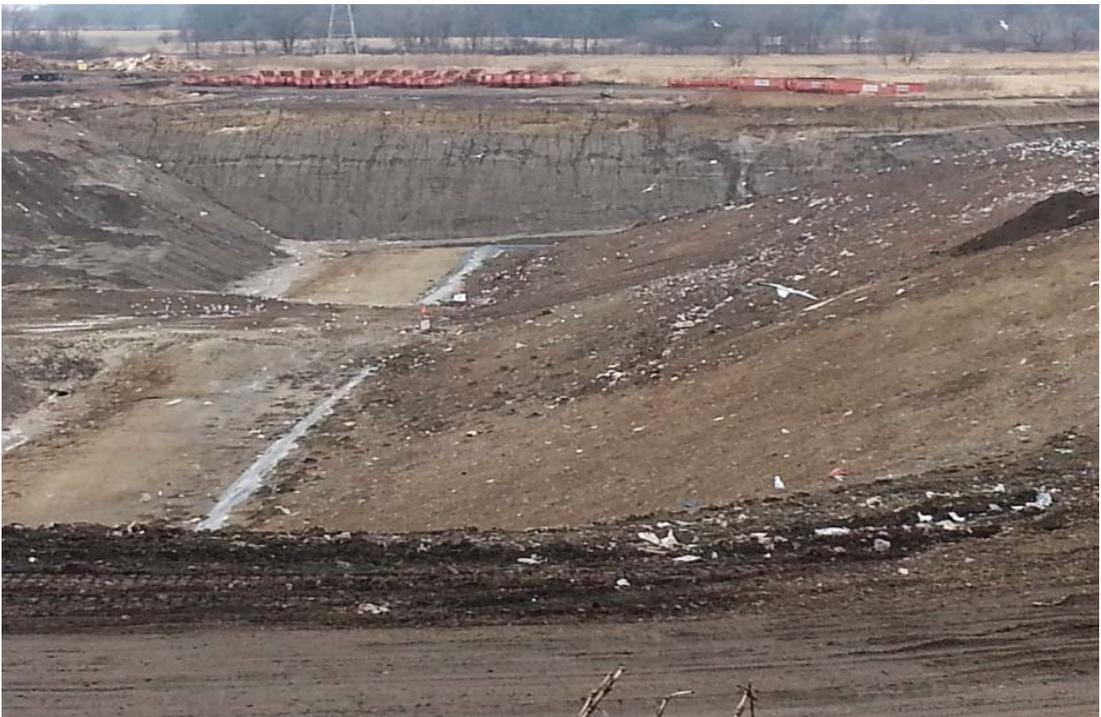
C&D along with wet soils in the foreground above working face



Working face



Working face and active area viewed from the East



Flagging on the South slope of Phase 6W/7.