



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 12/19/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of November 16, 2015. The audit was performed at 3:05 PM on **November 18, 2015** by Jo Spear, Jr. in the presence of Scott Croft, Gas Well Technician.

Landfill Operations Audit:

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

- Working face in middle of Phase 7B along Phase 6 East slope.
 - Located down inside slope to reduce wind-driven litter
 - No other active faces
 - Liquid load tipped during audit
- One compactor & two dozer in use during audit
 - One D6 and one D8 in for repair
- Auto fluff, poly shred, C&D and tarps used for daily cover

- All leachate discharging to MMSD; no recirculation
- NO gas delivery to MMSD for past week or during audit
 - Gas plant shut-down temporarily
 - Gas flow to MMSD due to resume this evening
 - One blower in operation and one flare in operation all week due to shut down
 - Vegetation in fair condition

- Two rain events since last audit; about 1.25"
 - Additional erosion in repaired areas, but improvement noted
 - Seed still in place despite near constant precipitation
 - Basin in good shape with freeboard
- Odor on-site from liquid load

- Litter apparent both on and off-site
- Powerful winds causing litter issues across site footprint
- One picker working
- US 45 and 8 Mile Road clean, except for minor tracking at entrance
 - Site roads very muddy

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,200 TPD of MSW, special wastes and contaminated soils
 - Soil loads stockpiled for daily cover
 - No rejected loads
- Residential drop-off site open
 - E-waste container present
 - TVs scattered about outside of container
 - Boxes mostly full from last week

Comments:

- High winds and rain have impacted erosion repairs
- Stockpile area and Future Parkland in good condition
 - No erosion evident there
- Site and off-site litter will be better evaluated at next audit
 - Continuing wind gusts preventing good clean-up this week
- Temporary sediment basin still has roughly 3' of freeboard
 - Pumping on-going during audit

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 November 18, 2015

TIME 3:05

Auditor on site at: Open Close

WEATHER Overcast, some sun spitting rain

WIND 10-75 MPH
 N W

TEMP Maximum 58 °F Minimum 37 °F B.P. 29.41

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 in the middle of Phase 7. Location
to reduce litter impacts. No other
working faces. Liquid load tipped
during audit.



Cover Material:

Soils, polyfluff (FD), and tarps

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:	#	0	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas delivery to begin this evening to MMSD

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	21,754
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Erosion of repaired areas, but improvement and seed still in place
Basins have freeboard

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

Odor from liquid load

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 checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 1

Comments:

Powerful winds, Litter across site footprint.

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, minor tracking at entrance, Site roads very muddy

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:	—					
Tonnage:	1,200 TPD					

Comments:

USW, Special wastes, and cover soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

TV's outside of E-Waste container
Boxes mostly full from last week

M. Other Comments:

* High winds and rain have impacted erosion repairs.

* Stock piles and future Portland in good condition, no erosion

* Site and offsite litter will be evaluated at next audit.

* Temp Sed Basin has free board, ~3 feet
Pumping ongoing during audit.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature: _____

Walter Spear, Jr.

Scott Croft

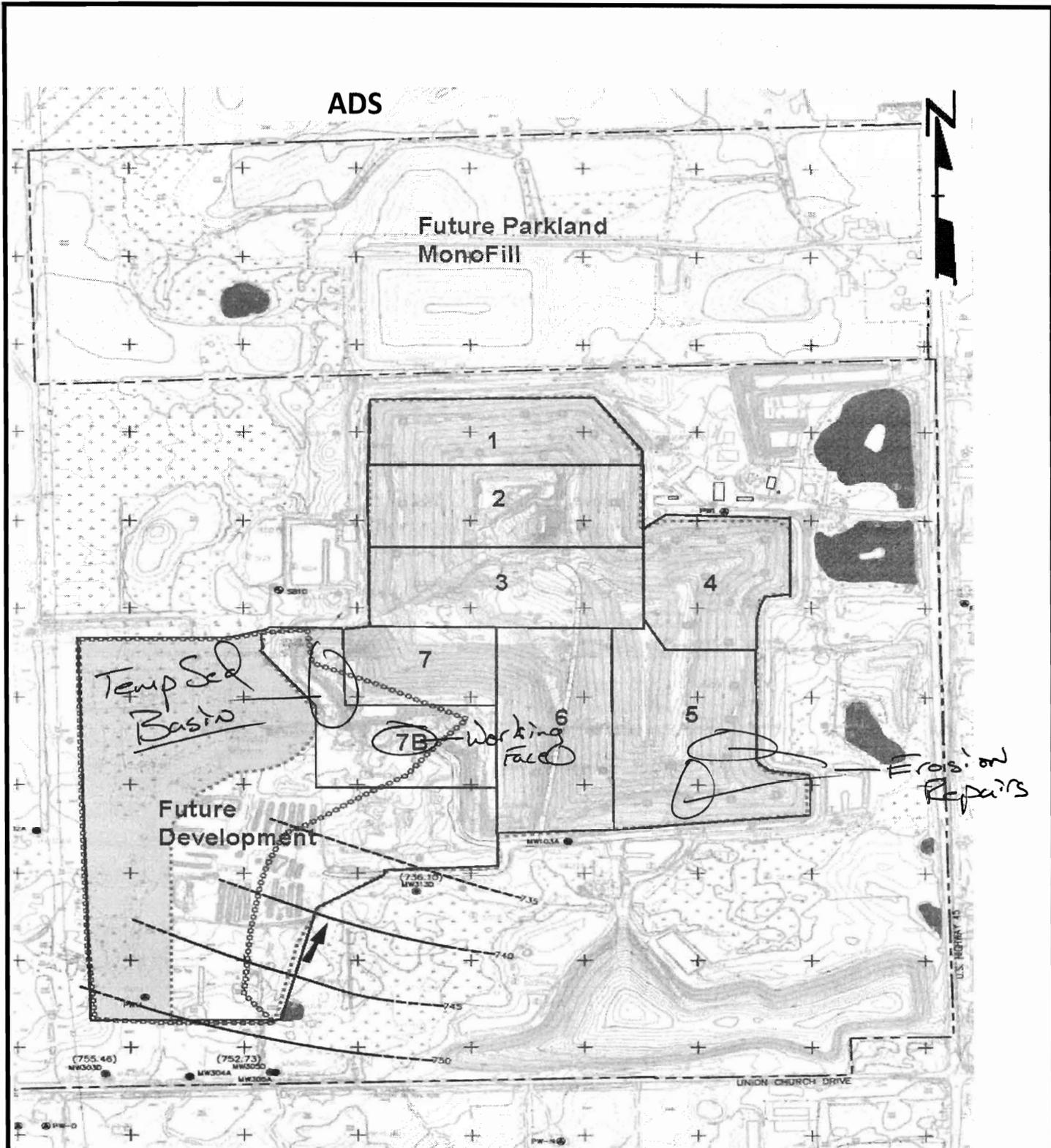
SCOTT CROFT

Gas well Technician

Date: 11/18/15

Date: _____

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



East slope of Phases 1 - 3, heavily littered from winds.



Working face



Access and Eastern section of Active Area



Western half of Active Area



Working face in middle of Phase 7 & 7B



Temp sed basin



West slope of Phase 7 & 7B



Active pumping from temp Sed. Basin to Basin #1



Stockpile drainage basin and outfall structure



Drainage basin for Stockpiles



Flare lit while site not delivering gas to MMSD