



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 06/15/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of April 17, 2016. The audit was performed at 1:40 PM on **April 21, 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:

- Overcast; some sunny patches
- Working face roughly in middle of Phase 7B
 - This is only active face today
- Litter fences have been relocated to West at top of slope in Phase 7B
- One compactor, two dozers, one excavator and one haul truck in use
- Landfill direct soils, recovered from South slope of Phase 3, used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas plant still shut-down (week 3)
 - No gas delivery
 - One flare and one blower in operation
 - Waiting for delivery of essential part to complete repair

- Two storm events since last audit; about 1"
 - Basins still draining
 - Rills have been repaired
- Ditches on Phase 6 & 7 being relined with clay
- No odors
- Liquid loads periodic

- Litter on-site confined to working face area
- Clean off site
- One picker working
- US 45 and 8 Mile Road clean; site roads clean

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,600 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Receiving MSW, small volume of soil, special waste and C&D
- Random load inspection 4/14/16
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - Boxes are partially full

Comments:

- Rills and erosion identified in previous audits have been repaired
 - Smoothed and patched with additional soils moved with dozers
 - Junction of Phases 5 & 6 and West slope of Phase 7 are considerable improved

- Temporary sediment basin has been pumped into Basin #1

- Ditch lines on Phase 6 West slope have been cut down to waste depth and relined with clay
 - Clay liners will be shaped for better drainage

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 April 21, 2016
 Auditor on site at: Open Close

TIME 1:40

WEATHER Overcast with some sun

WIND 0-10
 N E W

TEMP Maximum 69 °F Minimum 42 °F B.P. 29.83

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
2	Dozer						
1	Excavator						
1	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 rough middle of Phase 7B.
 Only working face for operations today.
 Other fences relocated to West ~~end~~
 top of slope of Phase 7B*



Cover Material:

Landfill direct soils delivered & recovered
from South Slope of Phase 3

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	#			
Shutdowns Since Last Audit:	#			
Flow to MMSD:	#			cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Still awaiting part to deliver gas

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2.1*

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

Basins draining. Rls repaired
and ditch line of Phase 6/7 being re-lined
with clay

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

Comments:

Litter confined around working face

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 & 3 Mile road clean.

Site roads 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 checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	4/14/16			
Tonnage:	1,600 TPD			

Comments:

MSW, small volume soil, special waste, C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:

Open During Audit

E-Waste Container Present

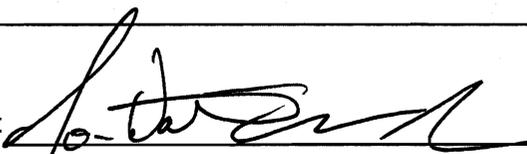
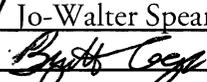
Boxes partially full

M. Other Comments:

* Rills and erosion previously identified in audits repaired by dozers and additional soils. Especially, the junction of ~~Phase 6 & 7~~ 5 & 6 and West slope of Phase 7

* Temp Basin well pumped down into Basin # 1

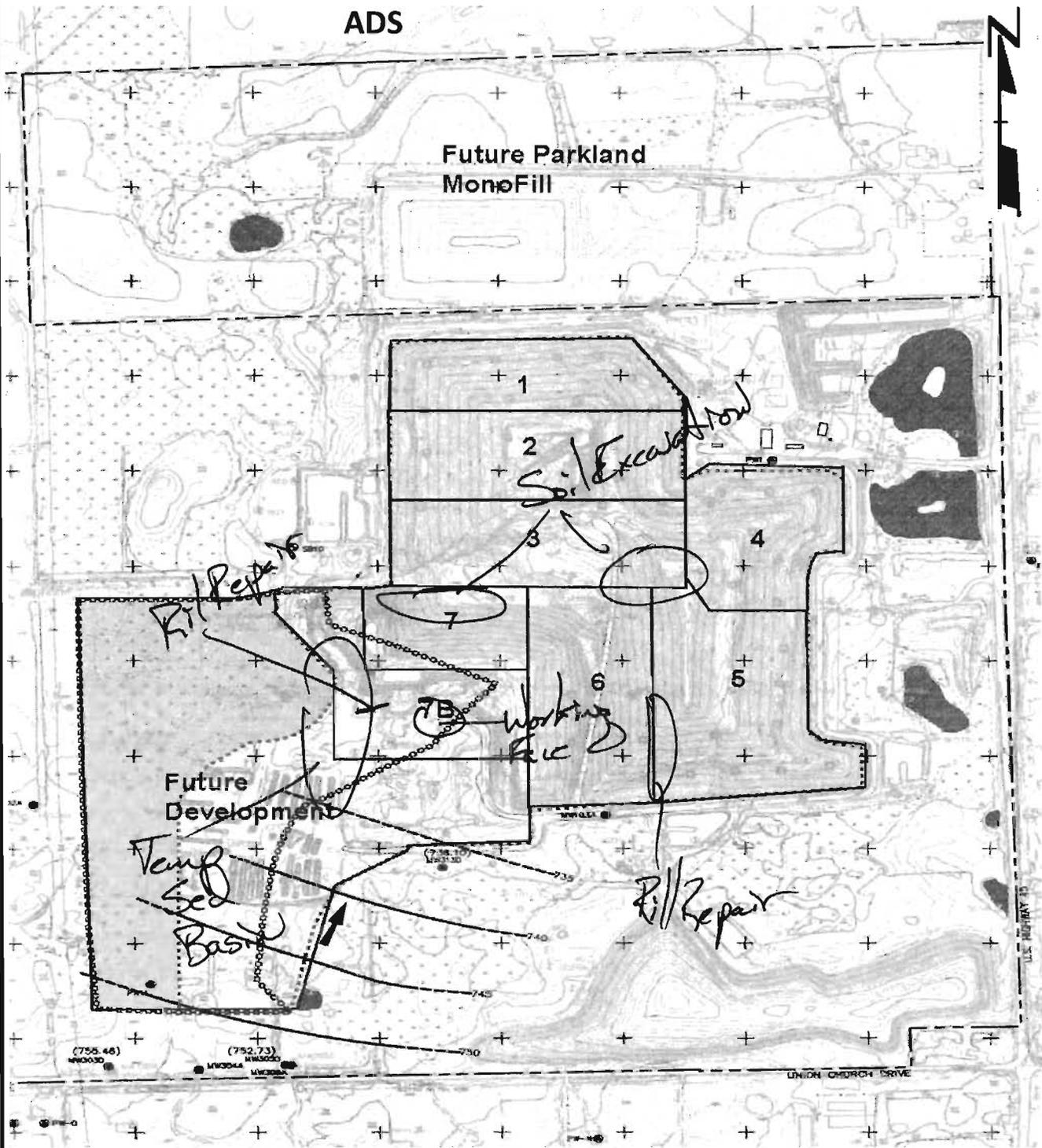
* Ditch lines on Phase 6 West slope cut down to waste depth and refilled with clay. Clay will be shaped for drainage

Auditor's Signature: 
Auditor's Printed Name: Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Coonan
Management Title: AS MANAGER
JSA Principal Signature: _____

Date: 4/21/16
Date: 4/21/16
Date: _____

ADS

Future Parkland
MonoFill



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



Large ril on South slope of Phase 5/6 junction repaired with soil. Downslope flume placement expected this spring/summer





Access to active area



Ditch cleaning along West slope of Phase 6



Excavation of drainage ditches, backfill with clay and compacted to create flow path



Soil on top of Phase 5/6 being excavated for cover



Overview of the West slopes of landfill



West edge of Phase 7



Working face in middle of South edge of Phase 7



East edge of Phase 7



South slope of Phase 3 being excavated for cover soils



Southeast of active area, stock pile of wood waste for development of travel-way over active area



Active area viewed from Southeast



West slope of Phase 7, new intermediate cover placement



Rils repaired on West slope of Phase 7, previous ril quite deep and wide



Temp sed basin pumped down into Basin #1