



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 11/17/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of September 14, 2015. The audit was performed at 1:50 PM on **September 17, 2015** by Jo Spear, Jr. in the presence of Brett Coogan, Gas Plant Manager.

Landfill Operations Audit:

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

- Working face for MSW in Southeast corner of Phase 7B
- Bio soil loads are being tipped on top of Phase 3
- Soils suitable for cover delivered to Phase 7 & 7B for immediate and future use
- One compactor, one dozer, one excavator & one water truck active on site
- Using delivered soils for daily cover

- Leachate from active landfill discharging to MMSD through forcemain
- Collected Future Parkland leachate sprayed on active area of Emerald Park landfill

- Gas flow to MMSD at 1,400 cfm
 - Gas plant delivering,
 - One blower in operation
 - Flares in use during shut downs for regeneration
 - No shutdowns except for regeneration

- No storms since last audit
 - Rain predicted for next two days
 - Basins have plenty of freeboard
- Minor odors on-site near active area
- Liquid loads periodic; tipped in Phase 7

- Litter present on-site; clear off-site
- New litter-control fencing installed at toe of Phase 6
- Two pickers working
- US 45 and 8 Mile Road clean; site roads dusty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; equipment operators; no spotter
 - Receiving approximately 6,500 TPD
 - Mix of MSW, special wastes, bio-soils; and increased landfill direct soil
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present

Comments:

- Soil back-haul underway as soil loads are tipped
- Well extension project next to working face occurring during audit
 - Well extension expected to be completed tomorrow
- Temporary sediment pond empty

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 September 17, 2015
 Auditor on site at: Open Close

TIME 1:50

WEATHER Clear, high clouds

WIND 10-20
 N E W

TEMP Maximum 82 °F Minimum 68 °F B.P. 30.01

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Bio soils being tipped on top of Phase 3.
Coarse soils tipped in Phase 7 & 7B for current
and future use.
Now working face in Southeast
corner of Phase 7B



Cover Material:

Diverted soils

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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Phases: *Surface applications*

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#		<i>Regen</i>	
Shutdowns Since Last Audit:	#		<i>10</i>	
Flow to MMSD:	#		<i>1,100</i>	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Regen shutdowns only

D. Surface Water Management:

Storm Events Since Last	#	Est. Volume
	<i>0</i>	

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

Storm expected over next two days. Basins have plenty of free board

E. Odor Control:

Odors Present:	Onsite <input checked="" type="checkbox"/>	Offsite <input type="checkbox"/>
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Comments: *Minor odor about ActivCarca*

F. Liquid Loads Received:

Periodic, tipped in Phase 7

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"/>	# 2

Comments:
 New fencing installed at toe of Phase 6

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 41 S 1/2 Mile Road clean
 Site road dusty

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"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Tonnage:	6,500 TPD			

Comments:
 MSW, Special, Bio, CWS, 1/2 HP Soils

J. Rejected Loads:

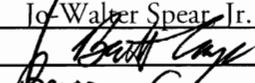
	Date/Time	Reason for Rejection
1.		None
2.		

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

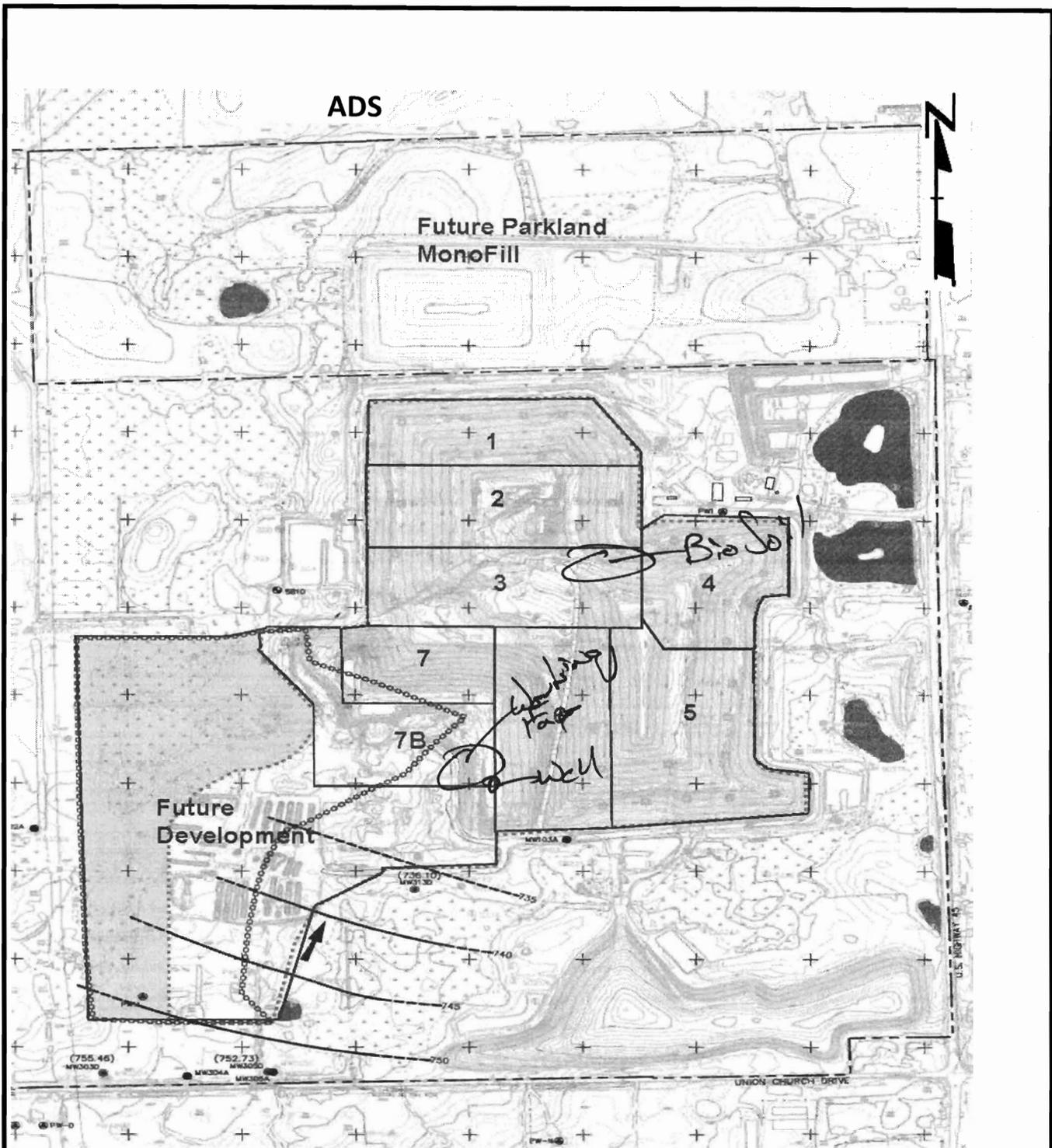
Side clean

M. Other Comments:

* Soil backhaul occurring after soils are tipped.
* Well extension during audit & next to working face well extension will be completed by tomorrow
* Temp sed pond empty

Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear, Jr.
Management Signature: 
Management Printed Name: BRETT LOGAN
Management Title: OPERATIONS MANAGER
JSA Principal Signature: _____

Date: 9/17/15
Date: 9/17/15
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 viewed from North



Active area receiving additional cover soils, via tipping



Cover about access road



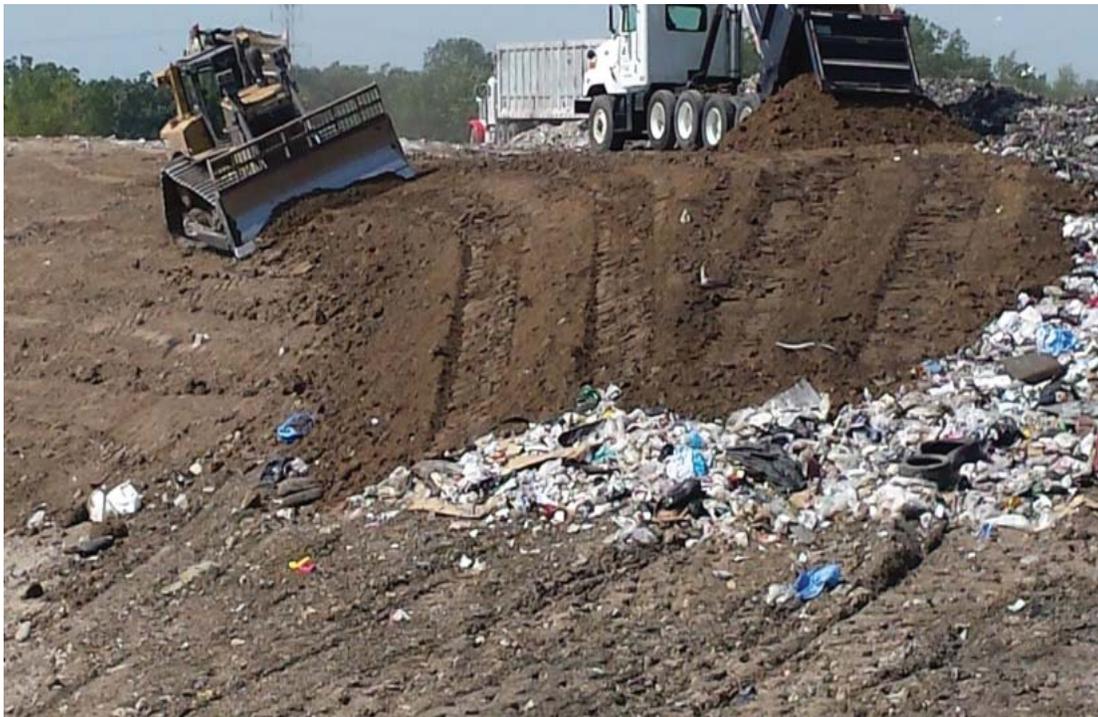
Working face



Working face and well undergoing extension in Phase 7



Cason well being extended in Southeast region of Phase 7



Cover placement on South slope of Phase 7B



Clay back hauls continue and Phase 8 is being excavated