



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 7, 2014. The audit was performed at 10:40 AM on **September 9, 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 roughly in middle of Phase 7B
- Incoming bio-soils tipped in Phase 3
 - Bio-soils volumes are low
- One compactor, one dozer and one excavator in use on site
- Soils used for previous day's cover
 - Additional cover soils delivered last week; more coming in this week

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD at 1,500 cfm; consistent when not in regeneration
 - No flares in operation during audit
 - One blower in operation
 - Moisture content of gas causing more shut downs for regeneration of system
 - Vegetation fair condition

- One storm event since last audit; less than an inch
 - Basin have plenty of freeboard
 - No additional erosion
- Minor waste odor near active area
- Liquid loads periodic

- Minimal litter on-site; clear off-site
- Two pickers working
- US 45 and 8 Mile Road clean; site roads gritty and mucky

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,400 TPD of MSW and special wastes; some bio-soils
 - Delivery of soils suitable for cover use slowed due to rain

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 9/6/15
- No rejected loads
- Residential drop-off site clean
 - E-waste container present

Comments:

- Back hauling on hold due to weather conditions and delayed soil delivery

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 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	#	<i>0</i>	Est. Volume	
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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 top 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:



Date: 9/17/15

Auditor's Printed Name:

J. Walter Spear, Jr.

Management Signature:



Date: 9/17/15

Management Printed Name:

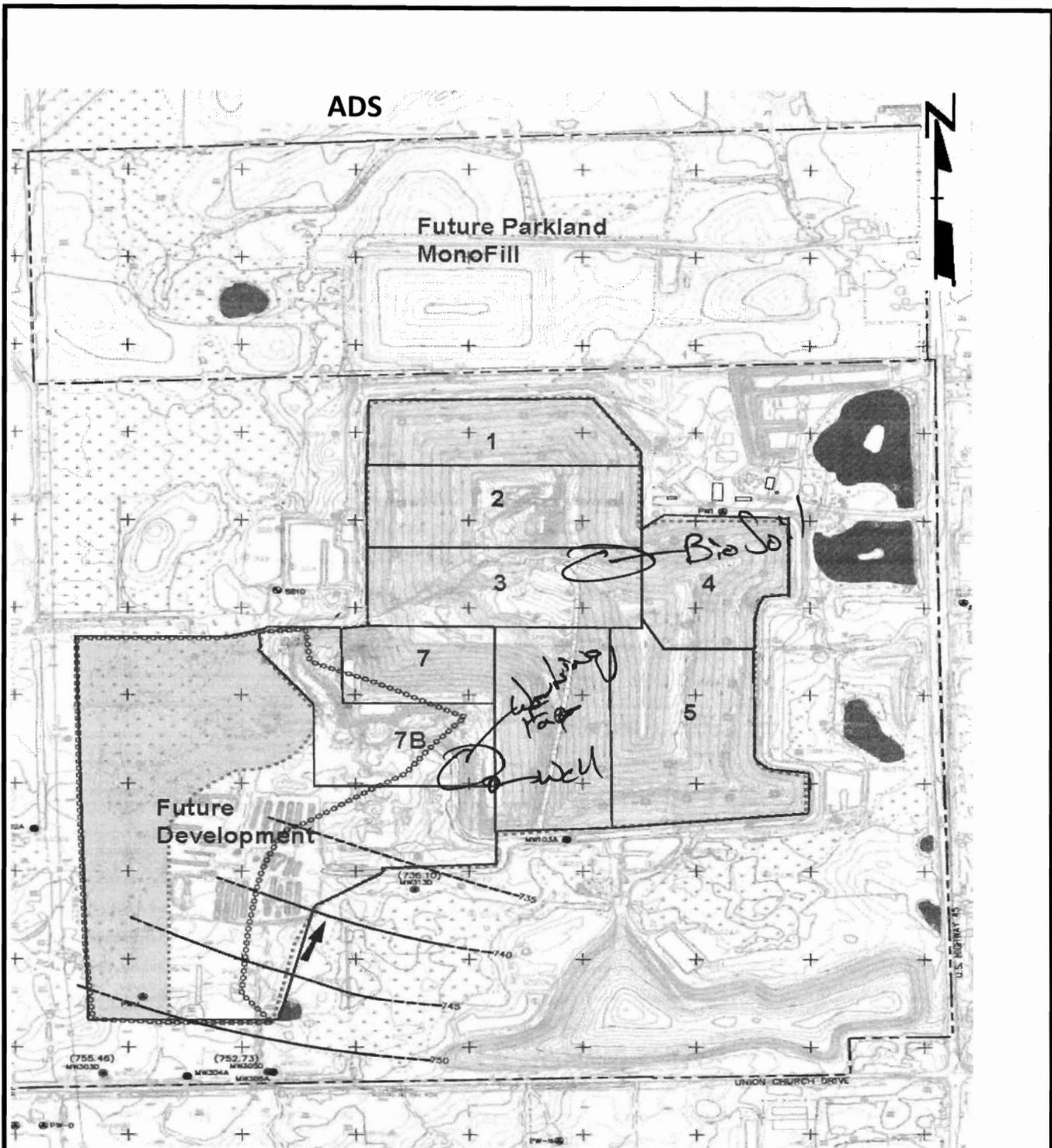
BRETT LOGAN

Management Title:

OPERATIONS MANAGER

JSA Principal Signature:

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



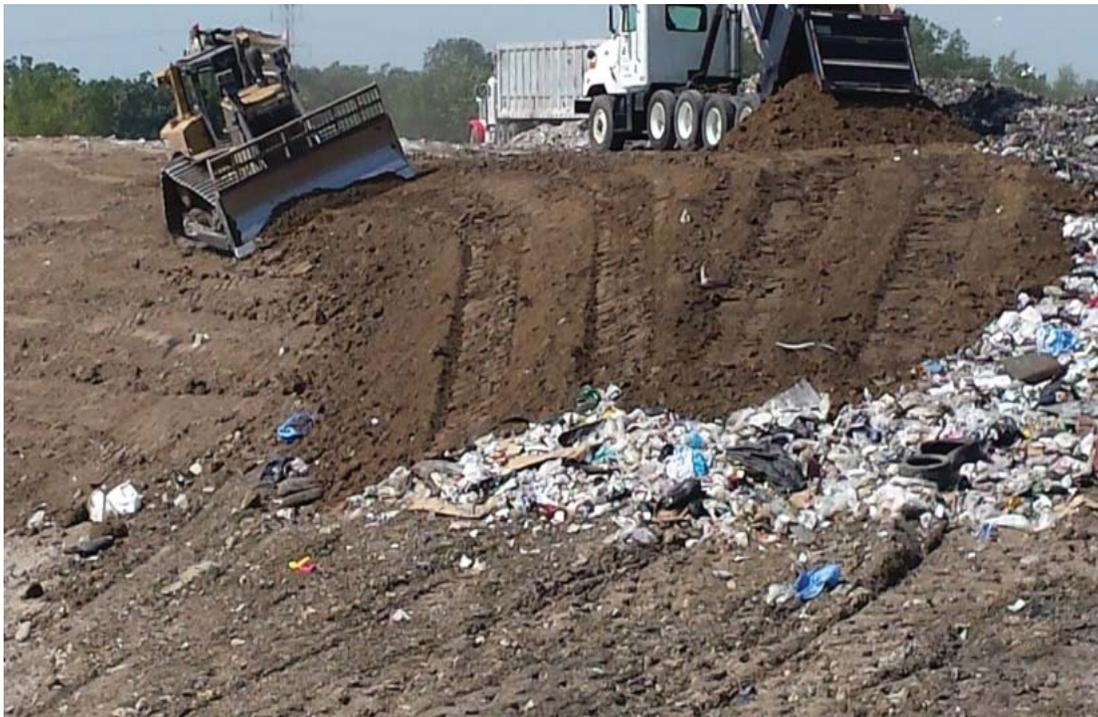
Working face



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