



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 9/15/16
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 31, 2016. The audit was performed at 4:05 PM on **August 4, 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:

- Weather sunny and bright, dry with some high clouds
- Working face for MSW just Northeast of Southwest corner of Phase 7B
 - Closing cover being placed during audit
 - Additional working face for bio-soils in Phase 3
 - Small volume of bio-soils received last week
- One compactor & one bulldozer working on site
- Auto fluff, sand and soils in use for daily cover
 - Numerous stockpiles ready for use
 - Cover soils delivered today
- All leachate discharging to MMSD; no recirculation
- Steady delivery of gas to MMSD
 - No flares in operation during audit
 - One blower in operation
 - Gas flowing at 1,450 cfm
- Minor storm event on 8/3/16; less than 1"
 - Basin #2 drained
- No odors
- Liquid loads tipped in Phases 7
- Some litter on-site; clear off-site
- Litter well controlled
- One picker working during audit
- US 45 and 8 Mile Road clean; site roads gritty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 4,000 TPD
 - MSW, Special wastes and a high volume of soils suitable for use as cover
 - Random load inspection on 8/2/16
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present

Comments:

- Basin #2 has been drained in prep for cleaning
 - Cleaning will begin next week, weather permitting
 - Basin outfall will also be cleaned
- Perimeter drainage system being upgraded by addition of check dams

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 August 4, 2016

TIME 4:05

Auditor on site at: Open Close

WEATHER Sunny, bright, high clouds & dry

WIND 10-20
 N E W

TEMP Maximum 87 °F Minimum 73 °F B.P. 30.00

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	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 just Northeast of Southwest corner of Phase 7B. Cover being placed during audit.

Additional working face in Phase 3 for bio soil, small volume received last week.



Cover Material:

Cover Soils delivered today
Numerous stock piles of soil, sluff, & sand

B. Leachate Management:

Discharge to MMSD Recirculation

Phases:

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	#	NA		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	1,450	cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Steady delivery to MMSD

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	21"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Minor storm event on S/S
Basin #2 drained

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

F. Liquid Loads Received:

Tipped in Phase 7 Working face

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

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 clean
Site roads gritty

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:	<i>8/2/16</i>			
Tonnage:	<i>2,000 TPD → 4,000 TPD</i>			

Comments:

Msw, Special, and high volume cover soils

J. Rejected Loads:

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

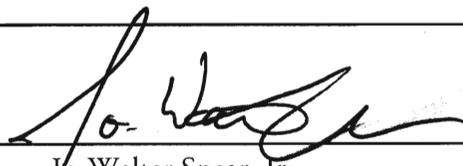
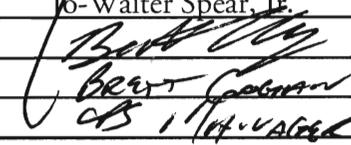
L. Residential Drop Off: Open During Audit E-Waste Container Present

Boxes of site area clean

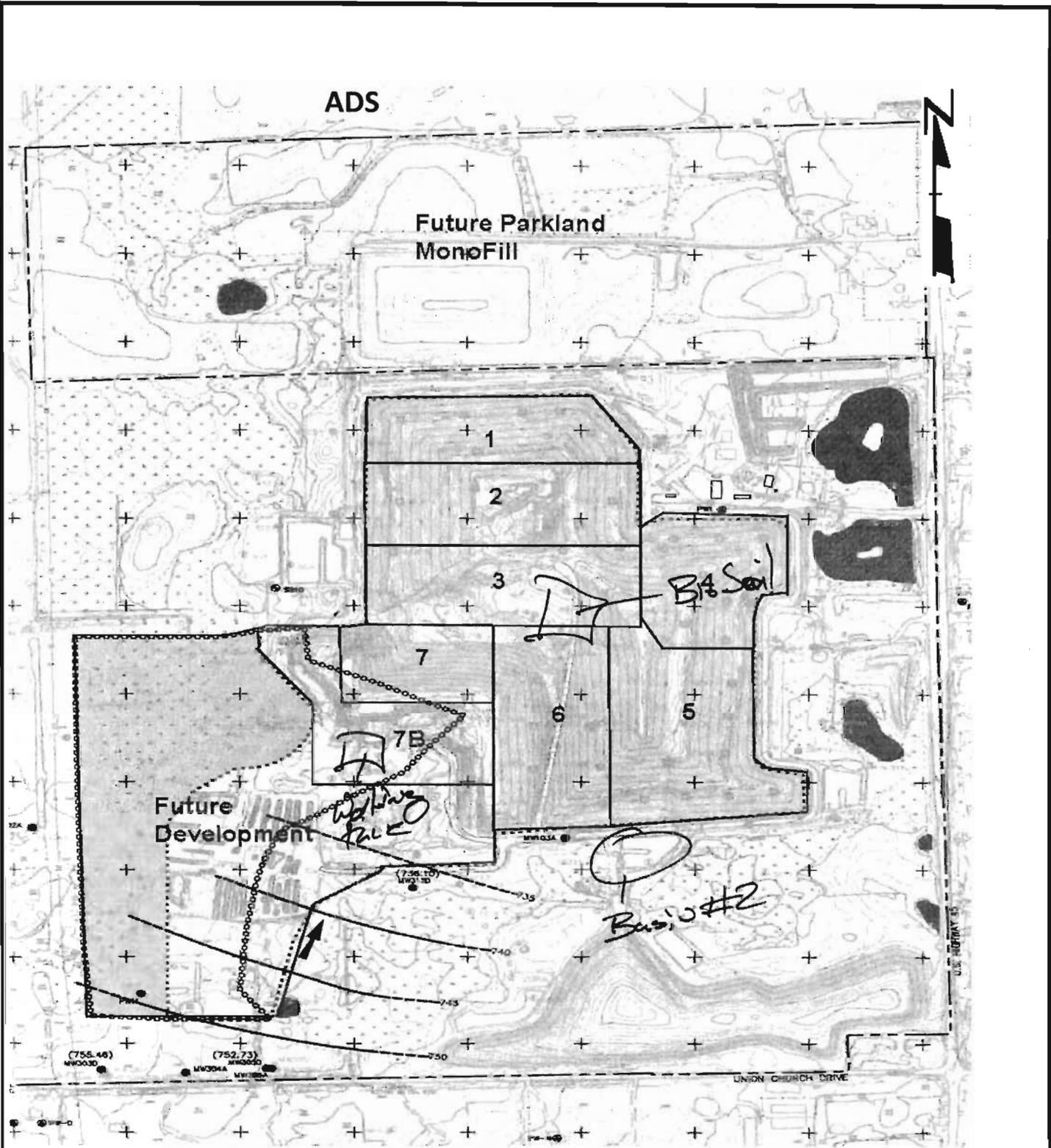
M. Other Comments:

* Basin #2 Drained and will be cleaned, starting next week weather permitting
Basin outfall will also be cleaned

* Check dams being added to perimeter drainage system

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr.
Management Signature: 
Management Printed Name: Brent Garrison
Management Title: AS Manager
JSA Principal Signature: _____

Date: 8/3/16
Date: 8/4/16
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



Wood stockpiled on the slope between Phases 3 and 7 for creating travel ways





Active area of Phase 7



Working face in Southwest corner of Phase 7



Compactor cleaning up working face prior to cover



Poly-fluff or MRF screenings stockpiled for cover



Working face, soils being used for daily cover



West slope of Phase 7 with daily cover types stockpiled



Basin #2, partially cleaned



Basin #2, flooded from rain events and control structure is still clogged