



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 07/23/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of June 15, 2015. The audit was performed at 10:30 AM on **June 15, 2015** by Jo Spear, Jr. in the presence of David Geier, Operations Manager.

Landfill Operations Audit:

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

- Working face on far West side of Phase 7
 - All wastes going to this face
- Wood chips have been spread in active area to aid traction
- One compactor, one dozer, one excavator and one haul truck working on site
- Poly fluff, soils and sands used for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,700 cfm
 - Delivery consistent except for recharge and moisture issues
 - No flares in operation during audit
 - One blower in operation
 - Vegetation in fair condition

- Three storm event since last audit; about 1.5”
 - Lots of rain last week and this week
 - Rain expected everyday except June 16
- Odors obvious on site
 - Adjacent to active area
- Liquid loads periodic

- Litter clear off-site
- Some litter on-site
 - Due to rain
- Two pickers working on ground maintenance
- US 45 and 8 Mile Road clean
- Site roads muddy and gritty

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; equipment operator; no spotter
 - Receiving approximately 6,700 TPD MSW and soils
 - Tonnage will drop this week
 - Soil loads reduced due to wet weather
 - Random load inspection 6/12/15
 - No rejected loads
- Residential drop-off site open
 - E-waste container present, but in need emptying
 - Other boxes full
 - Drop off area not a priority during wet weather

Comments:

- Soil loads suspended during wet weather
- Ditch cleaning and slope restoration ongoing in spite of rain
- Basin cleaning delayed until drier weather
- Street sweeping occurring on weekly schedule

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 June 15, 2015
 Auditor on site at: Open Close

TIME 10:30

WEATHER Overcast, on and off rain

WIND Nil
 N 3 E W

TEMP Maximum 76 °F Minimum 60 °F B.P. 29.91

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	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 on far West side of Phase 7. Receiving all waste Active area receiving wood chips to aid with traction



Cover Material:

Polyfluff and sands

B. Leachate Management:

Discharge to MMSD	<input checked="" type="checkbox"/>	Recirculation	<input type="checkbox"/>
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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"/>	#	
Flare use since last audit	#	NA		
Shutdowns Since Last Audit:	#	NA		
Flow to MMSD:	#	1700	cfm	
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Delivery ongoing except for seepage and moisture issues

D. Surface Water Management:

Storm Events Since Last	#	3	Est. Volume	< 1/5
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain lead work and this week expected all but 6/16/15

E. Odor Control:

Odors Present:	Onsite <input type="checkbox"/>	Offsite <input checked="" type="checkbox"/>
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Comments:

Minor odors about active area

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"/>	# 2

Comments:

Minimal litter due to rain
 Pickers performing grounds maintenance

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 & B Mile Clear
 Site roads muddy and gritty

I. Inspection of incoming Waste:

Scale Camera Operator:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#
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:	6/12/15		
Tonnage:	6,700		

Comments:

Tonnage will drop this week due to rain
 No soil loads while site is wet

J. Rejected Loads:

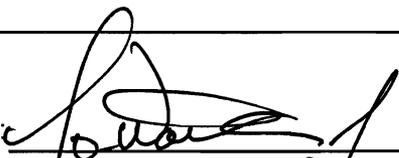
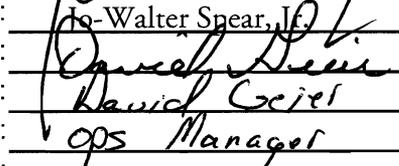
	Date/Time	Reason for Rejection
1.		None
2.		

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

E-box needs to be emptied. Other boxes full
 Area not a priority during bad weather

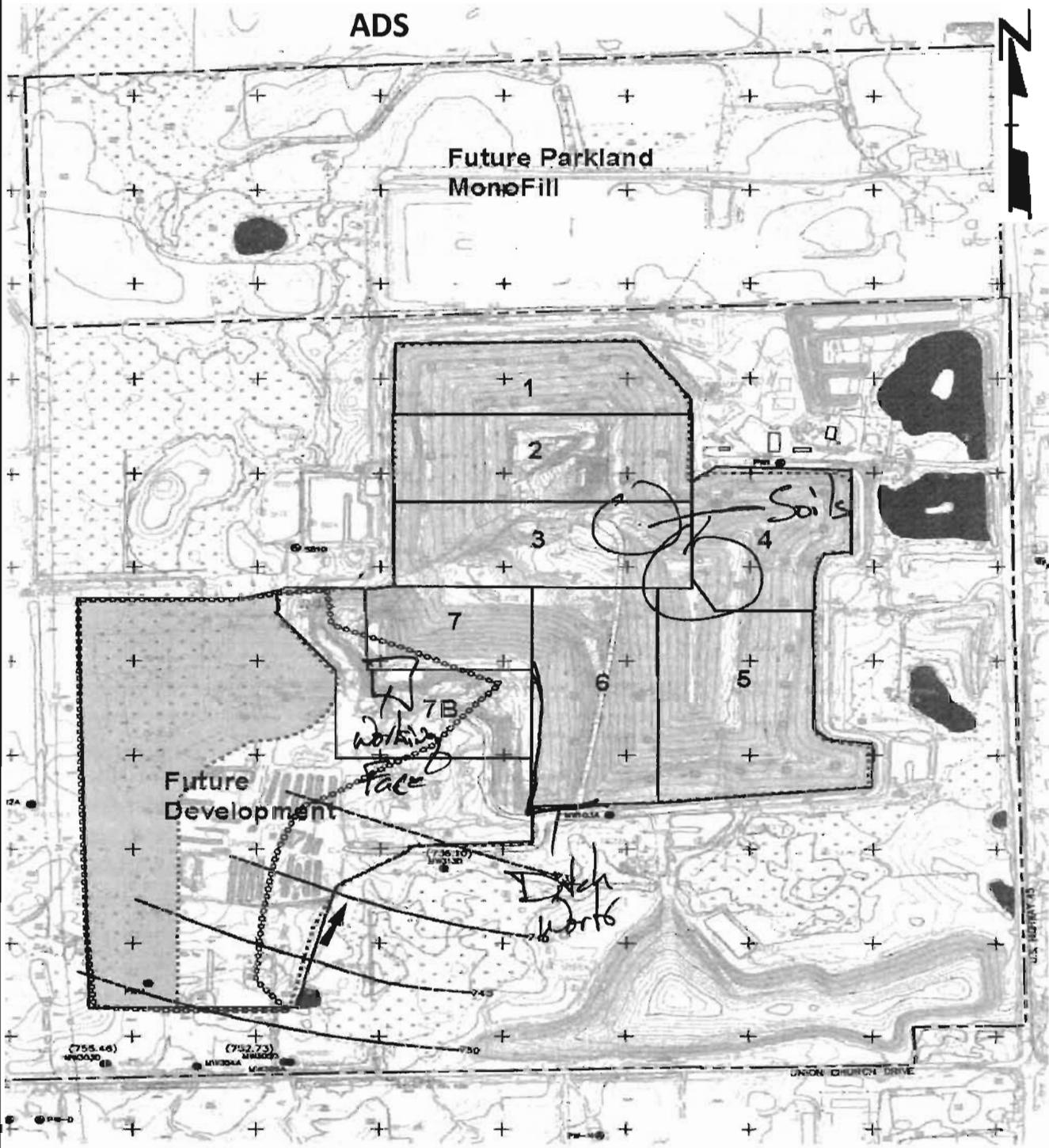
M. Other Comments:

- * Soil loads suspended during wet conditions
- * Ditch cleaning and slope restoration ongoing during rain events
- * Basin cleaning put off until drier weather
- * Street sweeping occurring weekly

Auditor's Signature:		Date:	6/15/15
Auditor's Printed Name:	Walter Spear, Jr.	Date:	6-15-15
Management Signature:		Date:	
Management Printed Name:	David Geier	Date:	
Management Title:	Ops Manager	Date:	
JSA Principal Signature:		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



Extended panoramic of Active Area, viewed from the Northeast



View across active area to working face



Working face in Western most edge of Phase 7



Working face and active area in Phase 7B



Active area viewed from the North



Active area viewed from the East



Future Phase 8, ongoing excavation to provide clay for back hauls