



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 06/13/16  
**PROJECT NUMBER:** 1012.10030

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Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of April 3, 2016. The audit was performed at 2:10 PM on **April 8, 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:

- Working face on Western edge of Phase 7; filling toward East
- Cover soil stockpiles from Phase 3 have been nearly depleted
- One compactor, two dozers, One excavator & one haul truck working on site
- Currently using soils from top of Phases 5 & 6 for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas plant shut down for nearly 5 weeks awaiting replacement part
  - Shutdown since 4/4/16
  - One flare and one blower in operation
  - No gas flow to MMSD
- Vegetation in fair condition
  
- Three storm event since last audit; less than 1"
  - Small snow storms since last audit
- Water level in basin high due to weather
- Ditches clear
- Erosion to be repaired when slopes are dry
- No odors
- Liquid loads periodic
  
- Litter on site; on slopes and in active area
- Clean off-site
- Two pickers working
- US 45 and 8 Mile Road clean
  - Tracking out bound near entrance

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,500 TPD
    - MSW, C&D and special loads; all going to working face in Phase 7
  - Random load inspection 4/1/16
  - No rejected loads
- Residential drop-off site clean
  - E-waste container full
  - 4 boxes full
  - Site active

Comments:

- Seep along access road to Phase 6 has been repaired
  - No evidence of seep visible during audit
- Draining temporary sediment basin with 4" hard-wired electric pump
  - 6" gas-powered pump available if needed

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 8, 2016  
 Auditor on site at: Open  Close

TIME 2:10

WEATHER Low clouds, snow in the morning

WIND 10-35  
 N S E W

TEMP Maximum 37 °F Minimum 23 °F

B.P. 29.78

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 on west edge of Phase 7  
Working East ward. Soils used along  
Phase 3 South slope for cover are nearly  
used. Soil from Phase 5/6 top being  
used for cover



Cover Material:

Soils excavated from Phase 5/6 top

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 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	#	4/4/16						
Shutdowns Since Last Audit:	#	shutdown since 4/4/16						
Flow to MMSD:	#	0	cfm					
Vegetation Condition:	Good	<input type="checkbox"/>	Fair	<input checked="" type="checkbox"/>	Poor	<input type="checkbox"/>	Dead	<input type="checkbox"/>

Comments:

Shutdown for approximately five weeks for part replacement

D. Surface Water Management:

Storm Events Since Last	#	3	Est. Volume	214
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Swamp events since last audit, Basins high due to weather, Ditches clean erosion to be repaired when slopes dry

E. Odor Control:

Odors Present:	Onsite	<input type="checkbox"/>	Offsite	<input type="checkbox"/>
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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"/>	# 2

Comments:

Litter on slopes & active area

H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.

Trucking out of entrance South bound  
Remaining US 45 & 8 Mile 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:	4/1/16			
Tonnage:	1,500 TPD			

Comments:

MSW, C&D, and special loads, all to working face in Phase 7

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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#Boxes full, site fairly active. E-Waste container full

M. Other Comments:

\* Scrap along access road to phase 6 repaired 4/5/16. No evidence of scrap during audit

\* Temp sed basin being drained by electric 4" pump, hard wired for use. Six inch pump, gas powered, available at need.

Auditor's Signature: \_\_\_\_\_

Auditor's Printed Name: Walter Spear, Jr.

Management Signature: \_\_\_\_\_

Management Printed Name: BRETT LADDAN

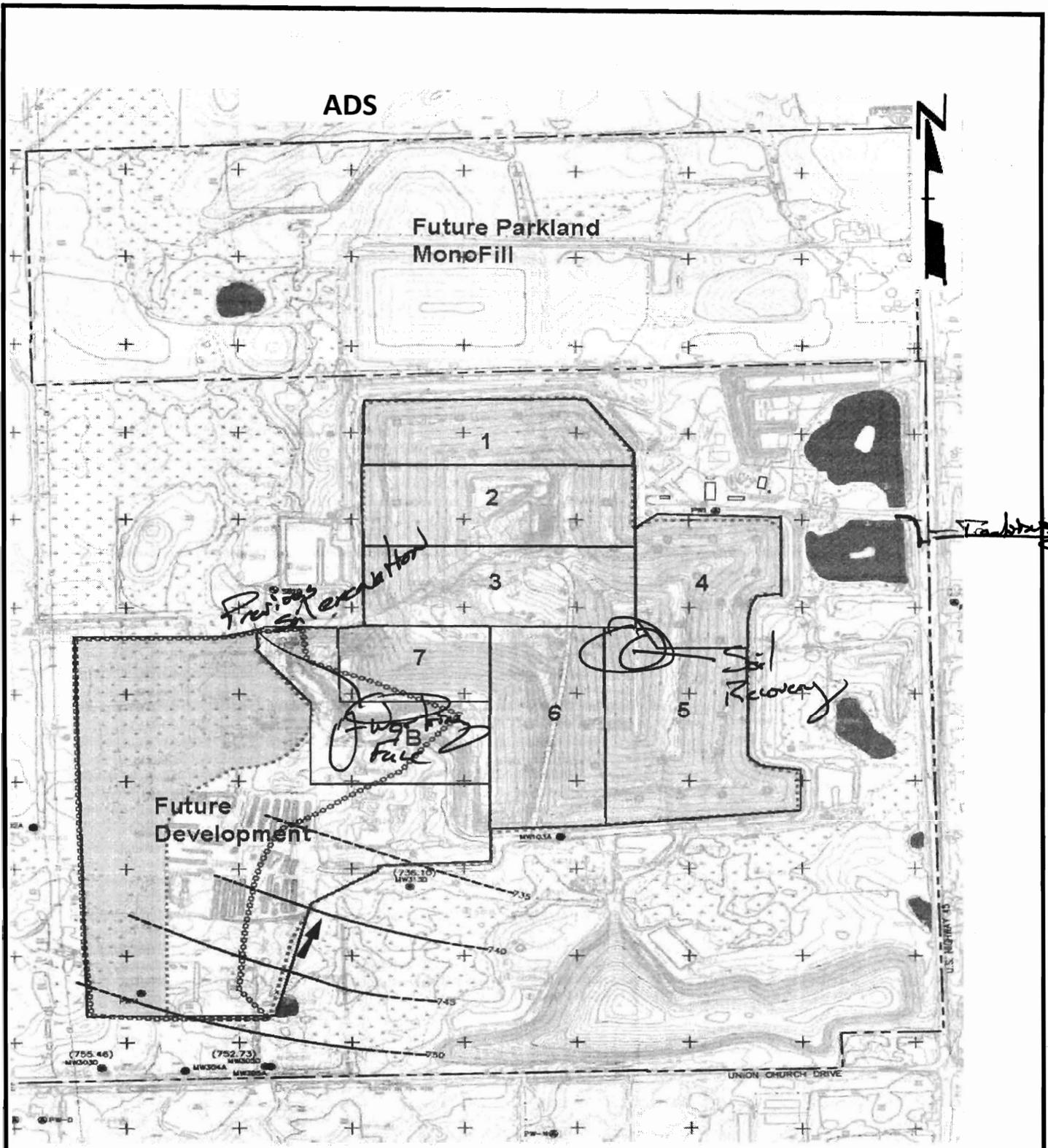
Management Title: OPS MANAGER

JSA Principal Signature: \_\_\_\_\_

Date: 4/8/16

Date: 4/8/16

Date: \_\_\_\_\_



Advanced Disposal Services Emerald Park Landfill  
 Landfill Audit Map  
 City of Mustegeo  
 Project No. 1020.10030



**ADVANCED DISPOSAL SERVICES  
EMERALD PARK LANDFILL / CITY OF MUSKEGO  
AUDIT PHOTOS**

PROJECT NO. 1012.10030



Working face, visible by bird location.





Active area viewed from the North



Active area viewed from the Northwest



View of Active area from North



South slope/transition Phase 7 to 3



South slope of Phase 3, excavated soils used for cover



Working face, truck active tipping



Working face viewed from East



Active area viewed from East



Active area outside mobil litter fences, very windy.



Active area viewed from the South, equipment area raised by soil to reduce ponding and better access



West slope of Phase 7, minor erosion over winter



West slope of Phase 7



Temp sed basin



Temp sed basin being drained by electrical 4" pump