



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 05/12/16  
**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 March 13, 2016. The audit was performed at 11:57 PM on **March 16, 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:

- Overcast with intermittent rain
- Working face for MSW in middle of Phase 7 away from all slopes
  - All wastes placed in this active area
- Soils are being excavated from South slope of Phase 3
  - Recovered soils then spread for cover
- One compactor, one dozer and one excavator working on site
  - One D6 and one D8 in for repair
- Recovered soils used for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,600 cfm
  - Gas plant delivering, no flares in operation during audit
    - Flare lit during regeneration only
    - Shut-down for regeneration only this week
  - One blower in operation
  - Gas plant operating as designed
  - Vegetation struggling
  - New flare is not in vegetated area
    - Will remove from audit form
  
- One storm event today and last night; about 1"
  - Basins full; about 1" freeboard remaining
  - Biofilter volume low
    - Gates not open
- No odors
- Liquid loads periodic

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Excessive litter on-site; Minimal litter off-site
  - Winds moving litter across site to front ponds and fences
  - One picker working today
    - Additional pickers scheduled for tomorrow
- US 45 and 8 Mile Road clean; site roads dusty
  
- Scale camera in use; equipment operators; no spotter
  - Receiving approximately 1,300 TPD
    - MSW, special and C&D
    - Very low volume of soils this week; none today
  - Random load inspection 3/12/16
  - No rejected loads
  
- Residential drop-off site open
  - E-waste container present
  - Two full boxes; rest empty
  - Green waste area mostly empty

Comments:

- Litter conditions will be addressed tomorrow
  - Unusually high winds today
  
- Temporary sediment basin pumped down on 3/15/16
  - Minor freeboard still available in Basin 1
  
- New District Manager, Mike Stoikitch

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 March 16, 2016

TIME 11:57

Auditor on site at: Open  Close

WEATHER Overcast, on and off rains

WIND S-SO+  
N  E

TEMP Maximum 51 °F Minimum 37 °F

B.P. 29.29

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	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 in middle of Phase 7 away from all slopes and receiving all waste Recovered soils from South Slope of Phase 3 being excavated and then spread



Cover Material:

Recovered soils

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"/>	#	1
Flare use since last audit		#	Regen	
Shutdowns Since Last Audit:		#	Regen	
Flow to MMSD:		#	1,600	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input checked="" type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Gas plant operating normally  
 New flare not in vegetated area, will remove from farm

D. Surface Water Management:

Storm Events Since Last	#	1	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:

Rain events today and previous night  
 Basins full, ~1' freeboard. Biofilters volume low, gates not open.

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"/>	Excessive
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Minimal
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 1

Comments:

More pickers tomorrow.  
Winds moving litter across site to front ponds & fences

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 1/8 Mile clean.  
Blowing litter tumbling across ts

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:	3/12/16			
Tonnage:	1,300 TPD			

Comments:

MSW, Special, and C&D. Very low volume soils, but not today.

J. Rejected Loads:

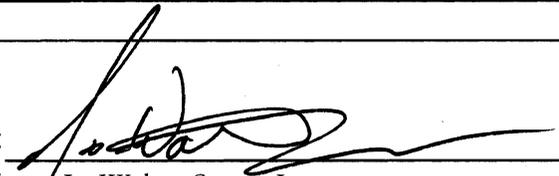
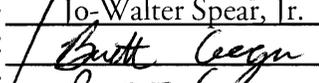
	Date/Time	Reason for Rejection
1.		None
2.		

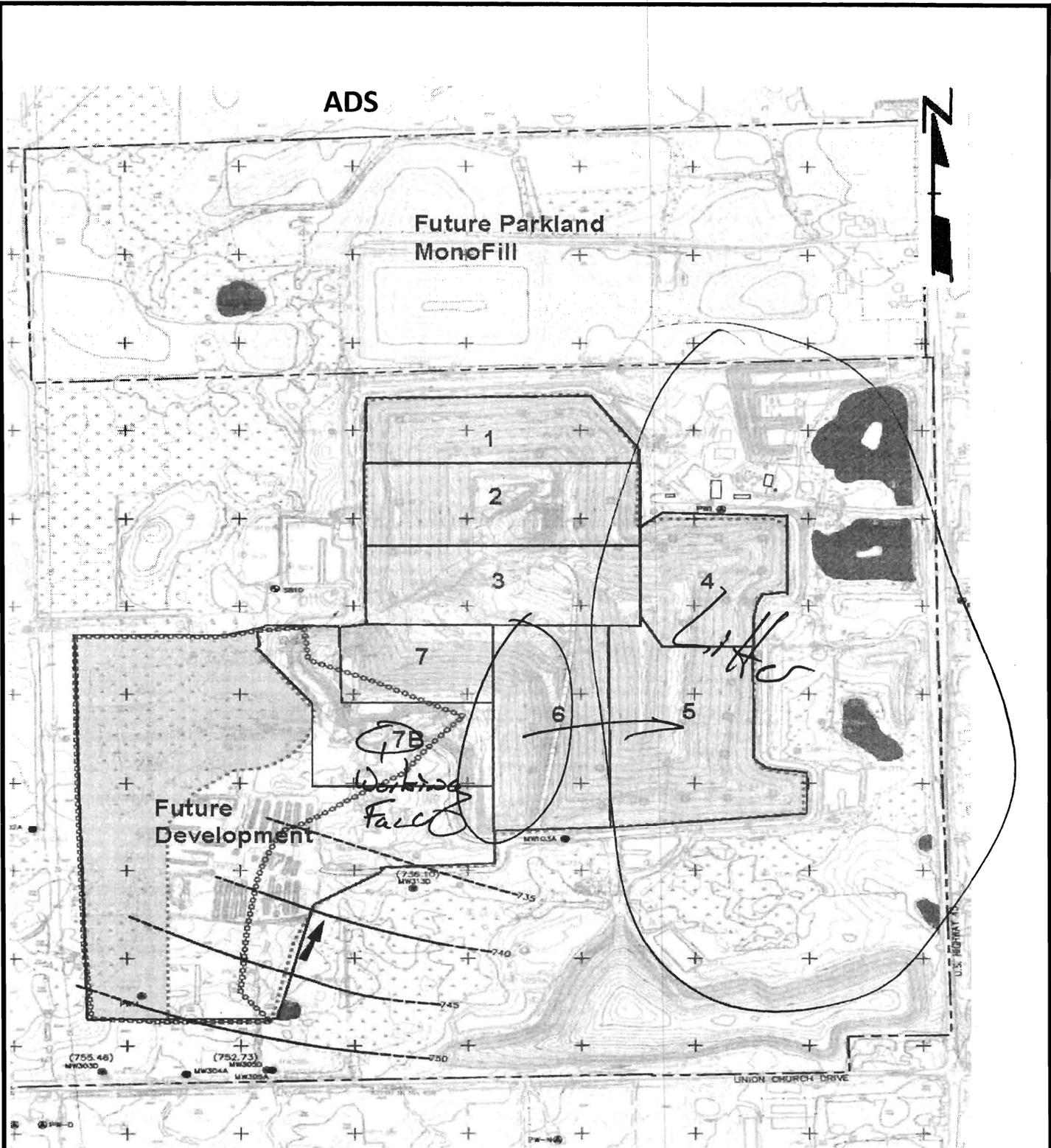
L. Residential Drop Off: Open During Audit  E-Waste Container Present

Two full boxes, rest empty. Green Waste area mostly empty

M. Other Comments:

- \* litter conditions will be addressed tomorrow and today. Very high winds
- \* Temp sed basin pumped down on 3/15 Basin 1 still has minor freeboard
- \* District manager now Mike Stokitch

Auditor's Signature:		Date:	3/16/16
Auditor's Printed Name:	Jo-Walter Spear, Jr.	Date:	3/16/16
Management Signature:		Date:	3/16/16
Management Printed Name:	BRETT COBURN	Date:	
Management Title:	OPERATIONS MANAGER	Date:	
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 tipping in working face viewed from North





Litter collected about working face



Soil undergoing excavation



Litter fences inundated with litter



Excavator harvesting previously tipped soils from the toe of Phase 3 South slope. Soil being used for cover



Working face viewed from the South



Active area viewed from the South