



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 02/15/16  
**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 January 25, 2016. The audit was performed at 3:05 PM on **January 29, 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 in Northeast corner of Phase 7B along access road
  - Second working face in Phase 3 receiving bio-soils
- New access for Phase 7 will be constructed over waste placed today.
- One compactor, one dozer and one excavator were in use
  - One D8 in for repair
- Sands, C&D, site soils and road construction material in use for daily cover
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD curtailed; rate reduced bu MMSD
  - One flare and one blower in operation
  - Flare use has been continuous since last audit
  - Flow to MMSD approximately 800-1,000 cfm
  - Vegetation snow covered
  
- Two snow storm event since last audit; about 1”
  - Site fully frozen
  - Staff preparing site for thaw & refreeze next week
- No odors
- Liquid loads rare; one tipped just prior to auditt
  
- Litter present on-site; clear off-site
- Two litter pickers working
  - One managing drop-off area
  - One picking trash on West slope of Phase 6
- US 45 and 8 Mile Road clean; site roads gritty

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 2 equipment operators; no spotter
  - Receiving approximately 2,00 tpd of MSW and contaminated soils
  - Incoming loads composed of MSW, special wastes, C&D and Bio-soils
  - Receiving approximately 1.400 TPD
  - Random load inspection 1/22/16
  - No rejected loads
- Residential drop-off site open during audit
  - Monitored by one of the litter pickers
  - Site very active; boxes below capacity
  - E-waste container present

Comments:

- Construction begun on new access road into Phase 7
  - Road will be built over area of today's lift
  - Using materials stockpiled from last road
- Bio soil capacity about 600 tons; stockpiled for use as cover material

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 January 29, 2016 TIME 3:05  
 Auditor on site at: Open  Close

WEATHER Overcast, Some Sun, Near End of day WIND 8-10  
 N  E W

TEMP Maximum 28 °F Minimum 27 °F B.P. 29.98

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
1	DB Dozer						

A. Working Face Size and Location:

Working face in North east corner  
of Phase 7 along access road.  
New access into Phase 7 will be  
constructed over today's waste  
Second working face in Phase  
3 recycling BioSoils



Cover Material:

Sands, CFD, site soils, road const. material

B. Leachate Management:

Discharge to MMSD  Recirculation

Phases:

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation: YES  NO  # 1

Blowers in Operation: YES  NO  # 1

Flare use since last audit # Continuous

Shutdowns Since Last Audit: #

Flow to MMSD: # 800-1000 cfm

Vegetation Condition: Good  Fair  Poor  Dead

Comments:

Partial delivery, rate controlled by MMSD

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 21"

EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow events only

Site conditions frozen

Site prepared for thaw & freeze next week

E. Odor Control:

Odors Present: Onsite  Offsite

Comments:

No Odors

F. Liquid Loads Received:

Periodic, one prior to audit

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:

One picker active in Resid drop off  
 One picker active on west slope 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 43 & 8 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"/>	#	2
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	1/22/16			
Tonnage:	1,400 TPD			

Comments:

MSW, Special, Bio Soil, & CED

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

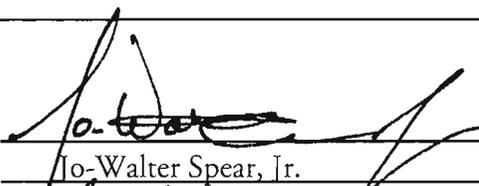
Residential Drop Off:	Open During Audit <input checked="" type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Site active, boxes below capacity

M. Other Comments:

\* New access road construction into Phase 7  
to be built over today's left Material  
stockpiled from last ~~to~~ road  
\* Bio soil project, exporting 600 tons

Auditor's Signature:

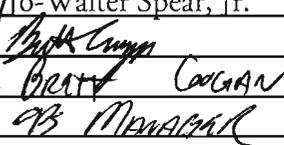


Date: 1/29/16

Auditor's Printed Name:

Jo-Walter Spear, Jr.

Management Signature:



Date: 1/29/16

Management Printed Name:

BRETT COWAN

Management Title:

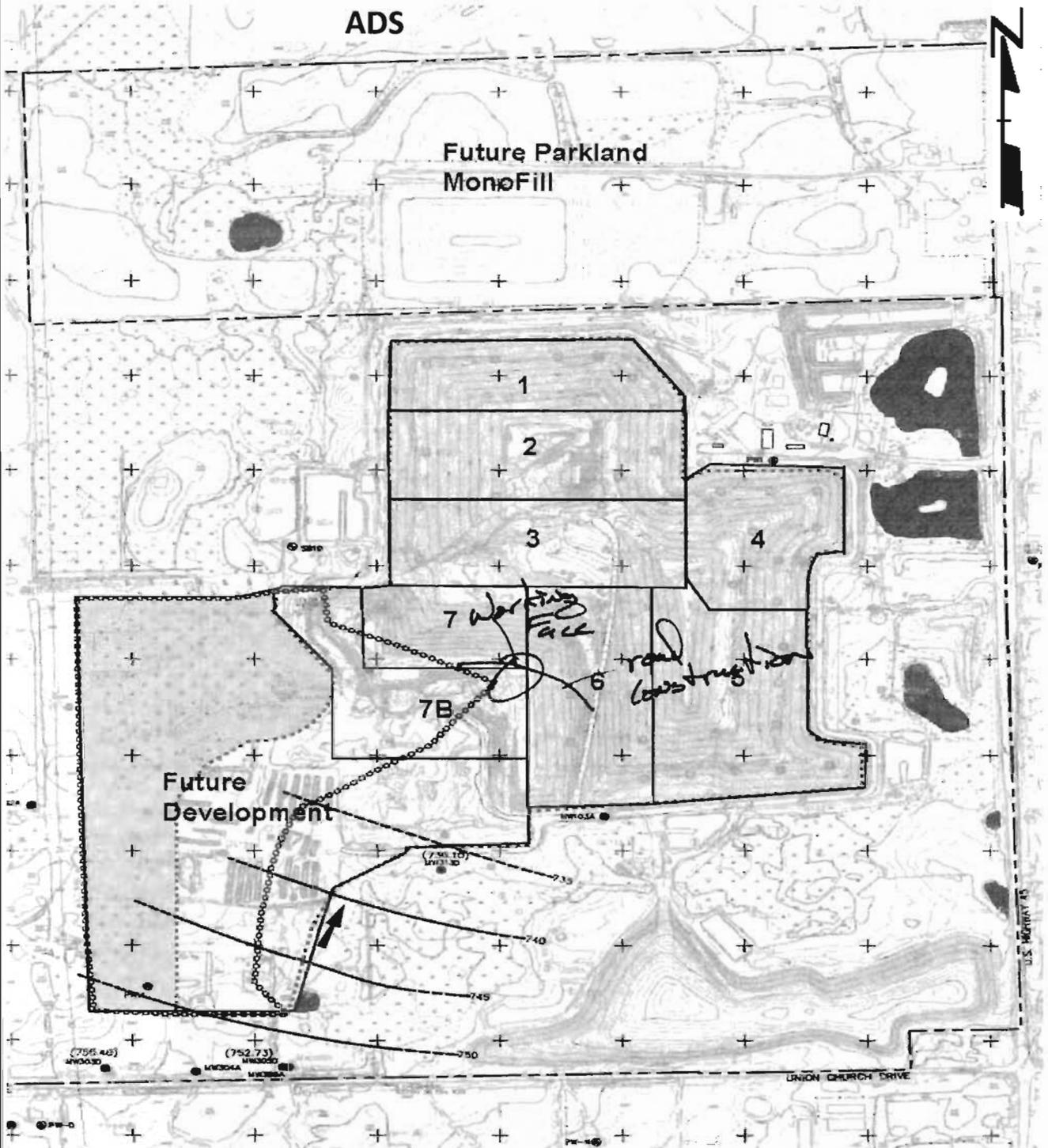
QB MANAGER

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



New bio soils being tipped in Phase 3





Note berm constructed along South and West side of access road to direct runoff away from active area



Overview of Active area



Covered area of active area



C & D materials being collected for cover



Road construction materials stockpile on West slope of Phase 6



Working face up against access road. Viewed from the North