



## Memorandum

### ADS Emerald Park Landfill Audit Summary

**To:** ADS Emerald Park Landfill Standing Committee, City of Muskego  
**FROM:** Faith Spear.  
**COPIES:** File  
**DATE:** 11/27/15  
**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 September 28, 2015. The audit was performed at 11:30 AM on **September 29, 2015** by Jo Spear, Jr. in the presence of Scott Croft, Gas Well Technician.

#### Landfill Operations Audit:

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

- One working face at juncture of Phase 6 & 7 along access road (see map)
  - Reduced active area due to inclement weather
- Soil loads stockpiled in inactive area for cover
- One compactor & one dozer working on site
- Daily cover supplied from stockpiled soils
  
- All leachate discharging to MMSD; no recirculation
- Gas flow to MMSD consistent at 1,500 cfm
  - No flares in operation during audit
    - Lit for regeneration only
  - One blower in operation
  - Shut-downs for regeneration only
  - Well elevations and extensions about Phase 7 contributing to steadier delivery
  
- One storm event since last audit; about 1"
- Raining during audit
- Ditches recently recut on access road through Phases from North to South
  - Other existing ditches need cleaning
- Minor garbage odor at working face
- Liquid loads periodic
  
- Litter in active area
- One picker performing maintenance chores
- US 45 and 8 Mile Road clean
- Site roads tacky; some mud, but mostly confined to on-site

#### Attachments:

Action Items List / Landfill Operations Audit Form  
Audit Photos

- Scale camera in use; 3 equipment operators; no spotter
  - Receiving approximately 1,700 TPD of MSW and special wastes
  - No rejected loads
- Residential drop-off open during audit
  - E-waste container present
  - All boxes full

Comments:

- Heavy weather in anticipated for next few days
  - Ditch cutting done in preparation for predicted heavy storm
  - Temporary storm basin pumped down
- Additional gas well in current working face extended on 9/28/15
- Brett Coogan assigned as Operations Manager at Emerald Park

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 <small>month/date/year</small>	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 September 29, 2015  
 Auditor on site at:  Open  Close

TIME 11:30

WEATHER Overcast, Snowy, raining during

WIND S-15  
 S  E  W

TEMP Maximum 60 °F Minimum 48 °F B.P. 30.05

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>1</u>	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	Grader						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Only one working face due to weather and loads. Working face at Phase 6/7<sup>2</sup> juncture a long access road. (See Map)



Cover Material:

Soils stockpiled from other days

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 Only	
Shutdowns Since Last Audit:		#	Regen Only	
Flow to MMSD:		#	1,500	cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

Well elevations/extensions continue about Phase 7  
Steady delivery

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	2 1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Rain event during audit. Ditches  
recut on Access Road through Phases from  
North to South, other ditches need cleaning

E. Odor Control:

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

Minor garbage odor at Working Face

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:

Minor litter about active area  
 One picker performing 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 & 3 Mile Clean  
 Site roads tacky, some mud, but staying on site

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:	NA			
Tonnage:	1,700 TPD			

Comments:

MSW & Special Wastes only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

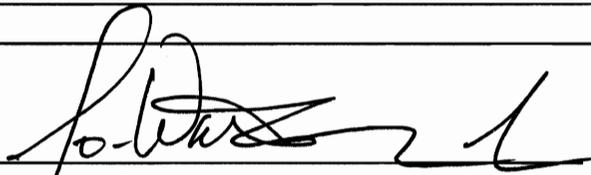
Residential Drop Off:	Open During Audit <input type="checkbox"/>	E-Waste Container Present <input checked="" type="checkbox"/>
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Boxes all full.

M. Other Comments:

- \* Ditch cutting done to prepare for storms
- \* Yemp sed basin pumped down prior to storm event
- \* Additional gas well extended on 9/28/15  
sure in current working face
- \* Brett Coogan now assigned as  
Operations Manager at Emerald Park

Auditor's Signature:

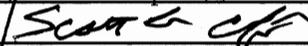


Date: 9/29/15

Auditor's Printed Name:

Jo-Walter Spear, Jr.

Management Signature:



Date: 9/29/15

Management Printed Name:

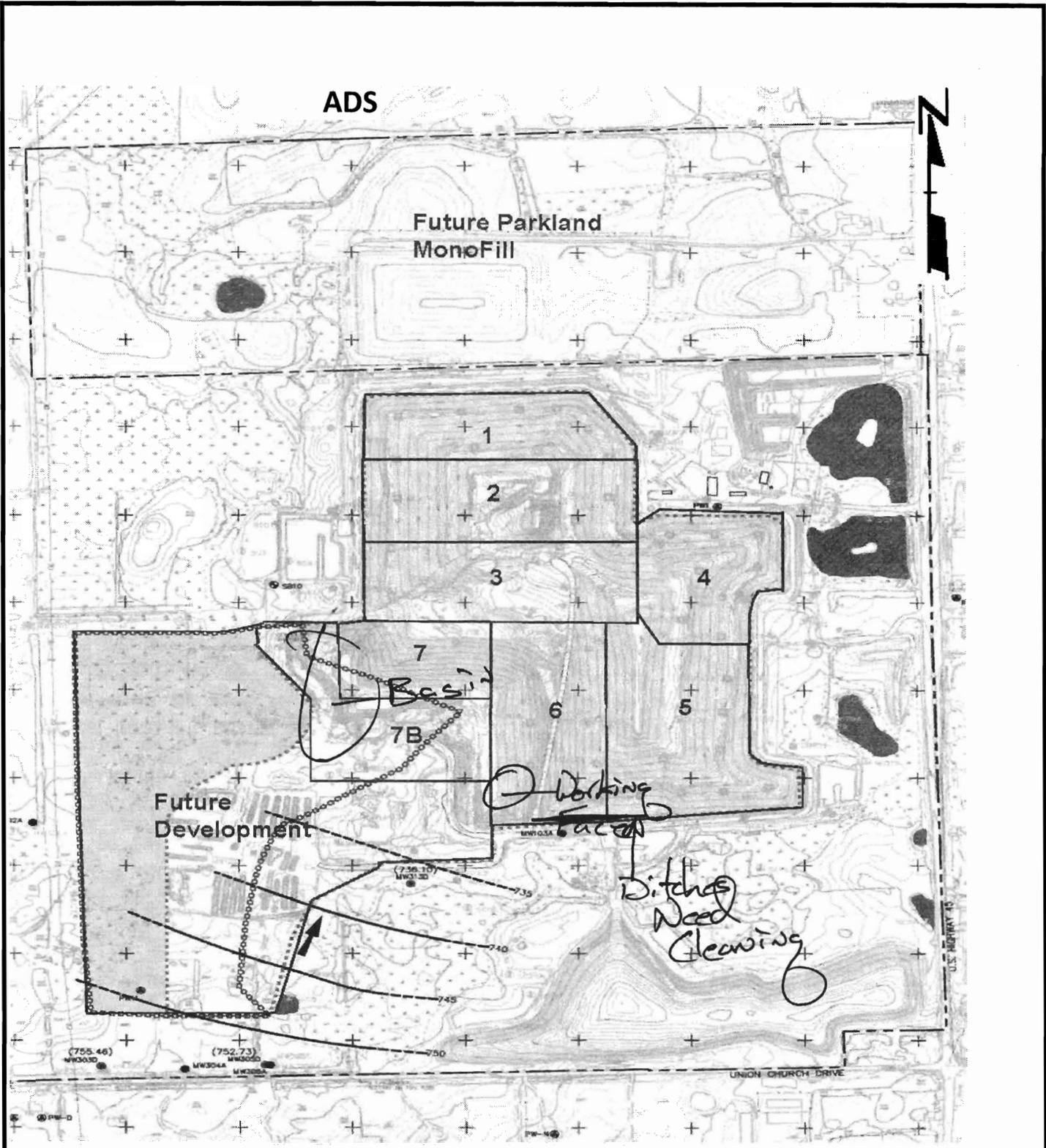
Scott Craft

Management Title:

Gas well technician

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 area viewed from East



Gas well extended prior to waste placement



Working face viewed from the East



Working face



Working face along access road and South slope fo Phase 7B



Working face along slope of Phase 7B