



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 11/16/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of August 31, 2015. The audit was performed at 1:10 PM on **September 3, 2015** by Jo Spear, Jr. in the presence of Michael Hackney, General manager.

Landfill Operations Audit:

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

- Working face moving North from South slope of Phase 7B.
- Soils suitable for cover received today; stockpiled in Phase 4
- Bio-soil working face in Phase 8
 - Four loads received on 9/1/15
- Previous cover and side slopes in excellent condition
- One compactor, one dozer, one excavator, and one water truck
- Using landfill soils 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
 - One blower in operation
- Last week's header repair appears to have cured delivery problems

- No precipitation since last audit
- Basins have plenty of freeboard
 - Stormwater basin next to Phase 7 has volume of water; not pumped
- No odors during audit
- Liquid loads periodic

- Litter contained to active area
- One picker working
- US 45 and 8 Mile Road clean; site roads dusty
 - City of Muskego mowing 8 Mile Road shoulder areas during audit

- Scale camera in use; 3 equipment operators; no spotter
 - Receiving approximately 1,700 TPD

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Receiving MSW, soils, special wastes and cover material
- Random load inspection 8/29/15
- No rejected loads
- Residential drop-off site clean
 - E-waste container present

Comments:

- Ditch mowing done just before audit
 - Ditches outside of Phase 6 in excellent shape
 - Inside of Phase 6 has no vegetation
- Gas header repairs completed last week
 - All gas destruction systems back on line
- Water truck in use at end of audit

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



68050
68096

ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF MUSKEGO

PROJECT NO. 1020.10030

DATE September 3, 2015

TIME 1:10

Auditor on site at: Open Close

WEATHER Clear, high clouds, possible rain WIND 0-S
N E W

TEMP Maximum 83 °F Minimum 66 °F B.P. 29.92

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

Working Face Size and Location:

Working face moving North from South
slope of Phase FB. Previous cover
and side slopes in excellent condition
Big soil working face in Phase 3/4 - reviewed
on 9/1



Cover Material:

Landfill cover soils, being received today and stockpiled in phase 7

B. Leachate Management:

Discharge to MMSD Recirculation

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			#	1
Shutdowns Since Last Audit:			#	1
Flow to MMSD:			#	1,600 cfm
Vegetation Condition:	Good <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	Dead <input type="checkbox"/>

Comments:

~~Flares~~ Dripping ongoing since header repair done last week

D. Surface Water Management:

Storm Events Since Last # 0 Est. Volume

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

Basins with plenty of freeboard, stormwater basin next to Phase 7 has volume but ~~is~~ not pumping

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors during audit

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"/>	# 1

Comments:

Litter about active curbs only

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 315 & 8 Mile clean. 2 mile mowing by City of Muskegon during Audit. Site roads dusty

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"/>	#	0
Random Load Inspection Dates:	8/29/15			
Tonnage:	1,700			

Comments:

Site receiving MSW, soils, special, and landfill cover

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Site clean.

M. Other Comments:

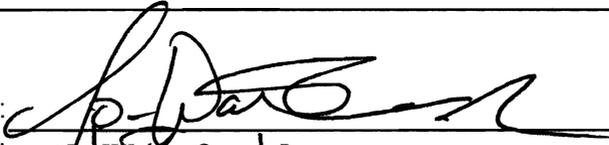
* Ditch mowing prior to audit.

Ditches outside of Phase 6 in excellent shape. Inside Phase 6 ~~is~~ is unweeded ~~condition~~

* Gas header repairs completed last week all systems back on line

* Water truck in use at end of Audit

Auditor's Signature:

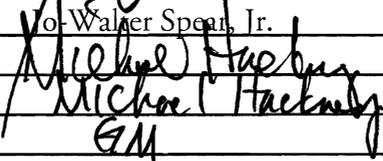


Date: 7/3/15

Auditor's Printed Name:

Walter Spear, Jr.

Management Signature:



Date: 9/3/15

Management Printed Name:

Michael Hackney

Management Title:

GM

JSA Principal Signature:

Date:

ADS

Future Parkland
MonoFill



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

JSA
2410 N. Palmetto
Muskego, WI 53151
CIVIL, ENVIRONMENTAL
ENGINEERS

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

PROJECT NO. 1012.10030



Bio soil stockpile receiving soils this week.



Phase 3, 4, and 5; top of slope



Working face and active area viewed from the North



Active area viewed from the North



Berm created on West slopes of 1,2, and 3 to prevent flows onto active area of Phase 7



Working face viewed from Northwest



Working face viewed from the East



Temp sed basin at the West slope of Phase 7B



Erosion on West slope of Phase 7 above temp. sed. basin