



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 03/24/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of March 9, 2015. The audit was performed at 11:25 AM on **March 11, 2015** by Jo Spear, Jr. in the presence of David Greir, Operations Manager.

Landfill Operations Audit:

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

- Working face on Northwest corner of active area Phase 6W
 - One working face for MSW; another for Construction and Demolition
 - Incoming C&D oriented East to West for later use as cover
- One compactor & one dozer and two excavators
- C&D, soils, sands And tarps in use for daily cover

- All leachate discharging to MMSD; no recirculation
- Gas plant delivering, no flares in operation during audit
 - One blower in operation
 - One shutdown since last audit
 - Due to high moisture content
 - Flow 1,600 cfm
 - Vegetation visible about flare is dormant

- No storm events since last audit
 - Site thawing; temperatures in 40's since last audit
 - Vegetated slopes exposed; brown & dormant
- Some erosion on South slope of Phase 5 due to thawing

- Minor gas odor about well undergoing work in Phase 6W
- Liquid loads are periodic
- Litter obvious on-site; clear off-site
- Two pickers working near fences during audit
- US 45 shows some tracking; 8 Mile Road clean; site roads gritty

- Scale camera in use; equipment operators; no spotter
- Receiving approximately 1,250 tpd of MSW and C&D

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Random load inspection 3/6/15
- No rejected loads

- Residential drop-off site clean
 - E-waste container present
 - All boxes empty

Comments:

- Casson gas well being raised above water level in Phase 6W

- Cleaning operation on Basin #1 suspended due to thaw
 - Expected to begin again next week

- Silt build up in perimeter ditches on Phases 5 & 6 will require cleaning
 - Silt accumulation due to thaw and melt waters

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



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

PROJECT NO. 1020.10030

DATE March 11, 2015
 Auditor on site at: Open Close

TIME 11:25

WEATHER Clear, Sunny, no clouds

WIND 0-5
 (N) S E (W)

TEMP Maximum 49 °F Minimum 29 °F B.P. 30.24

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
<u>1</u>	Dozer						
<u>2</u>	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 Northwest of Active Area,
~~Northwest~~ corner of Phase 6W.
Working One working face for MSW
and another for construction Demolition.
C&D being placed (East to West) for use in
cover



Cover Material:

ClD, Soils, Sands, & Tarps

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

Comments:

Moisture content high, caused shutdowns.
Vegetation about flare exposed & dormant

D. Surface Water Management:

Storm Events Since Last	#	0	Est. Volume	0
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

High temps (40's) since last audit. Site showing slopes with vegetation are brown and dormant. Some erosion from thaw on South slope of Phase 5

E. Odor Control:

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

Minor gas odor about well in Phase 6w being raised

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:

Pickers active about fencing during audit

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

US46 has some tracking, 3 Mile clean side roads gritty

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	
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:						3/6/15
Tonnage:	2,250					

Comments:

MSW and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

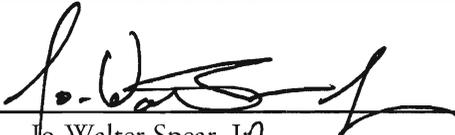
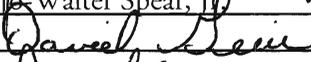
Residential Drop Off:	Open During Audit	<input type="checkbox"/>	E-Waste Container Present	<input checked="" type="checkbox"/>
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All boxes empty

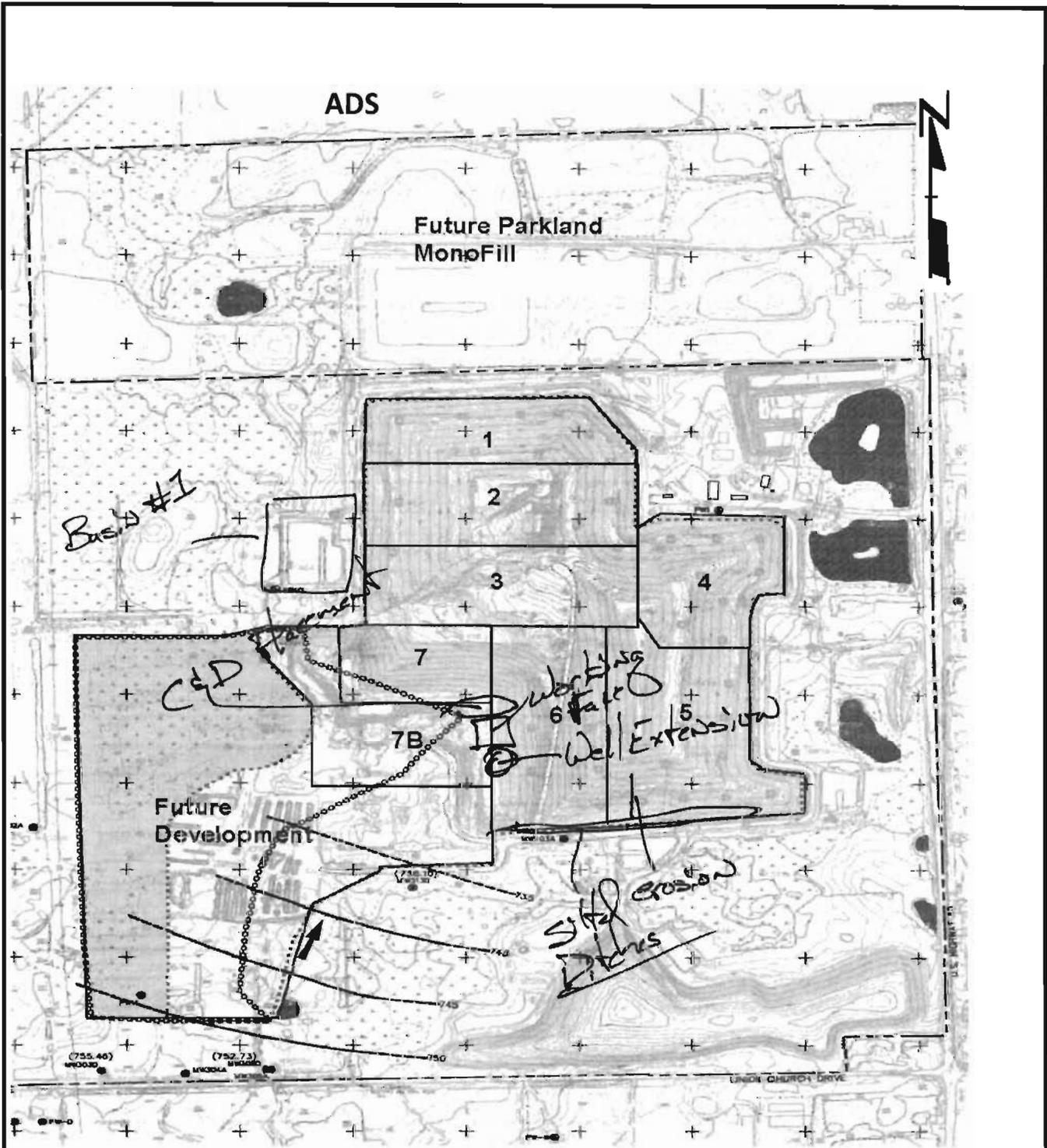
M. Other Comments:

* Gas well being raised in Phase 6 W
* Basin #1 cleaning suspended due to
thaw, expected to begin again next
week.

* Phase 5 & 6 perimeter ditches received
silt from thaw & melt waters. Will
require future cleaning.

Auditor's Signature: 
Auditor's Printed Name: Walter Spear, Jr
Management Signature: 
Management Printed Name: David Guier
Management Title: Operations Manager
JSA Principal Signature: _____

Date: 3/11/15
Date: 3-11-15
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



Working face viewed from the North. Possible location of future ramp access



Active area viewed from the North



Unused portion of the active area, melt water draining to Temp. Sed. Basin and pumped to Basin #1



C&D materials being tipped above and separate from MSW for cover activities.



Gas well being extended just outside Working face, East edge of Phase 6W



Active area, note the row of tipped C&D to be used for cover support



Working face viewed from the East



Tipping and compactor moving waste at West edge of Working face



Casson style gas well extension, ongoing



Casson style gas collection well being prepared for raising above waste limits



Black casing of well being raised up to meet top of exposed perforated collection pipe