



Memorandum

ADS Emerald Park Landfill Audit Summary

To: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 08/17/15
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of July 6, 2015. The audit was performed at 2:10 PM on **July 8, 2015** by Jo Spear, Jr. in the presence of Brett Coogan, Plant Manager.

Landfill Operations Audit:

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

- Working face in West slope of Phase 7B above temporary sediment basin
 - Receiving MSW and Special wastes
- Cover well maintained
- One compactor & two dozer working on site
 - One D6 and one backhoe in for repair
- Daily cover consists of soils, polyfluff and sand

- All leachate discharging to MMSD; no recirculation
 - Preparing for recirculation in near future
- One flare; no blowers in operation during audit
 - System has been shut down for repair since morning of 7/7/15
 - Start-up anticipated for 7/9/15

- One storm event since last audit; about 2.75"
 - Heavy rain early in week
 - Little apparent impact on basins
 - Some ditch clearing still to be done
- Odors on-site
 - Garbage smell above working face
- Periodic liquid loads

- Minimal litter on-site; clear off-site
 - Litter confined to haul roads
 - Pickers at work
- US 45 and 8 Mile Road clean; site roads recently regraded

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

- Scale camera in use; equipment operators; no spotter
- Receiving approximately 2,200 TPD of MSW and contaminated soils
 - Daily tonnage in decline as soil project nears completion
 - No information available on random load inspection
 - No rejected loads
- Residential drop-off site clean
 - E-waste container present; recently emptied
 - Boxes mostly full

Comments:

- Site appears in good condition
 - Erosion is minimal
 - Soils stockpiled in future parkland neatly
- Incoming soil loads and back hauls greatly reduced
- City of Muskego siting third party refuse haulers who do not have permits to haul waste in Muskego

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened: 04/09/2014

Updated:

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes
1	04/09/2014	Offsite litter on ground and in trees West of 112th Street.		Dan Otzelberger	ASAP	04/30/2014	21	Contractors were hired to clear trees and collect liter offsite.

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE July 31, 2015
 Auditor on site at: Open Close

TIME 1:45

WEATHER Overcast, high clouds

WIND 10-25
 N S E W

TEMP Maximum 86 °F Minimum 63 °F B.P. 29.97

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
<u>1</u>	Excavator						
	Haul Truck						
	Water Truck						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:
Working face in Middle of Phase 9.
Overlays approval may occur prior
to additional filling in Phase 6 & 7
Soils from Phase 7 being used as cover.



Cover Material:

Site soils & tarps

B. Leachate Management:

Discharge to MMSD



C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	0
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	# Periodic			
Destructed Volume:	# 2565		cfm	

Comments:

Both turbines have been hit when gas quality & volume allows

D. Surface Water Management:

Storm Events Since Last

0

Est. Volume

0

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

Dry conditions, site basins are dry
Slopes well vegetated

E. Odor Control:

Odors Present:

Onsite



Offsite



Notes on odor monitoring page



Comments:

Odors on East side of Phase 9 only

F. Liquid Loads Recieved:

have some recieved this week

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:
 Litter well controlled by wind screens

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 $\frac{1}{2}$ Mile Road Clean
 Site roads dusty, need grading

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:	7/31/15			
Average Tonnage:	1,500 TPD			

Comments:
 Wastes are MSW, Special, & Bio

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Off: Open During Audit

Drop off area clean, low activity

L. Other Comments:

* Mowing site this week including
old hill. Mowing expected to be
completed tomorrow

* 90-Day Notification for rail repair
on South slope of Phases 6 & 7

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

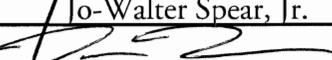
Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____



Jo-Walter Spear, Jr.



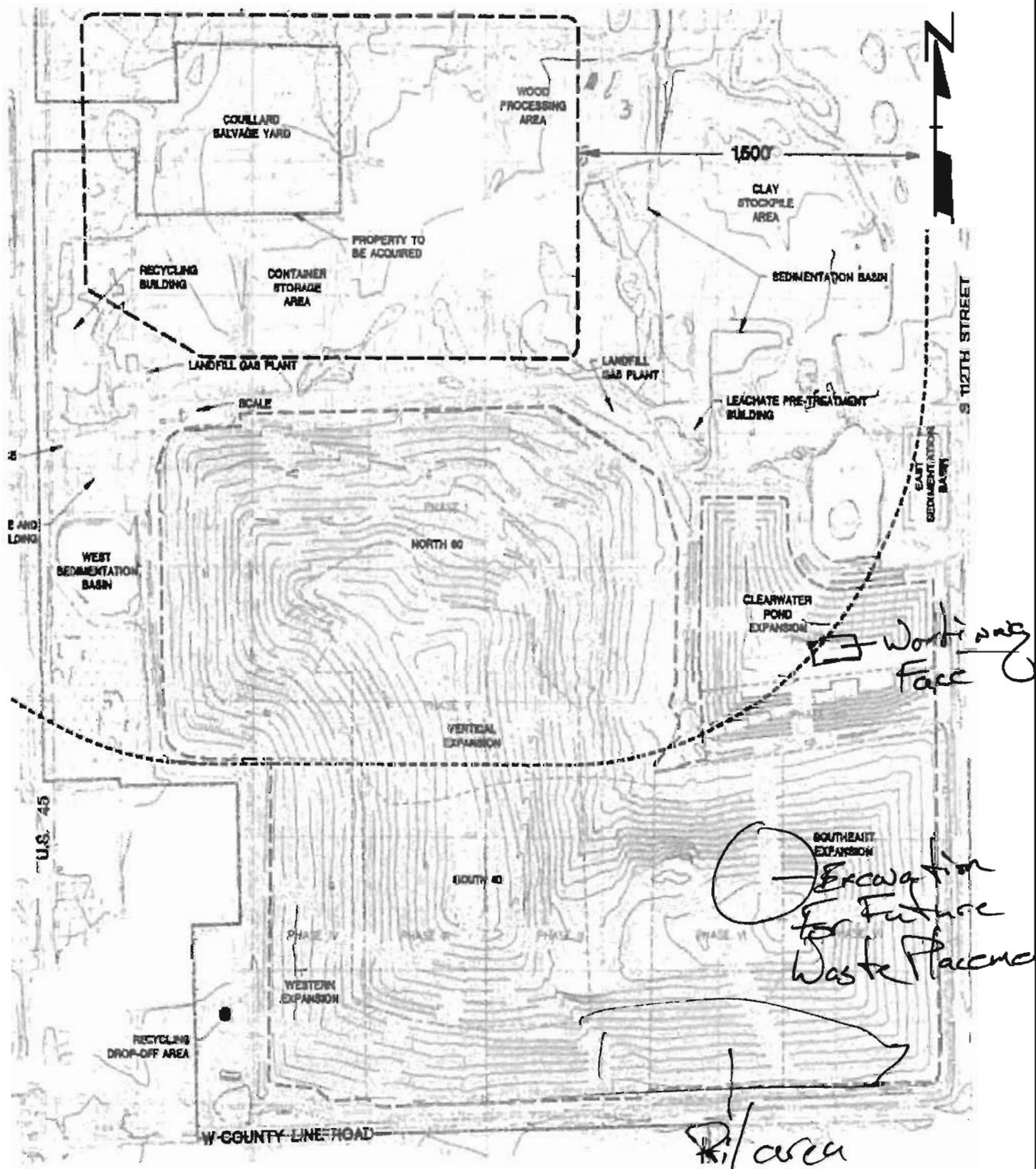
Travis Thorson

District Manager

Date: 7/31/15

Date: 7/31/15

Date: _____

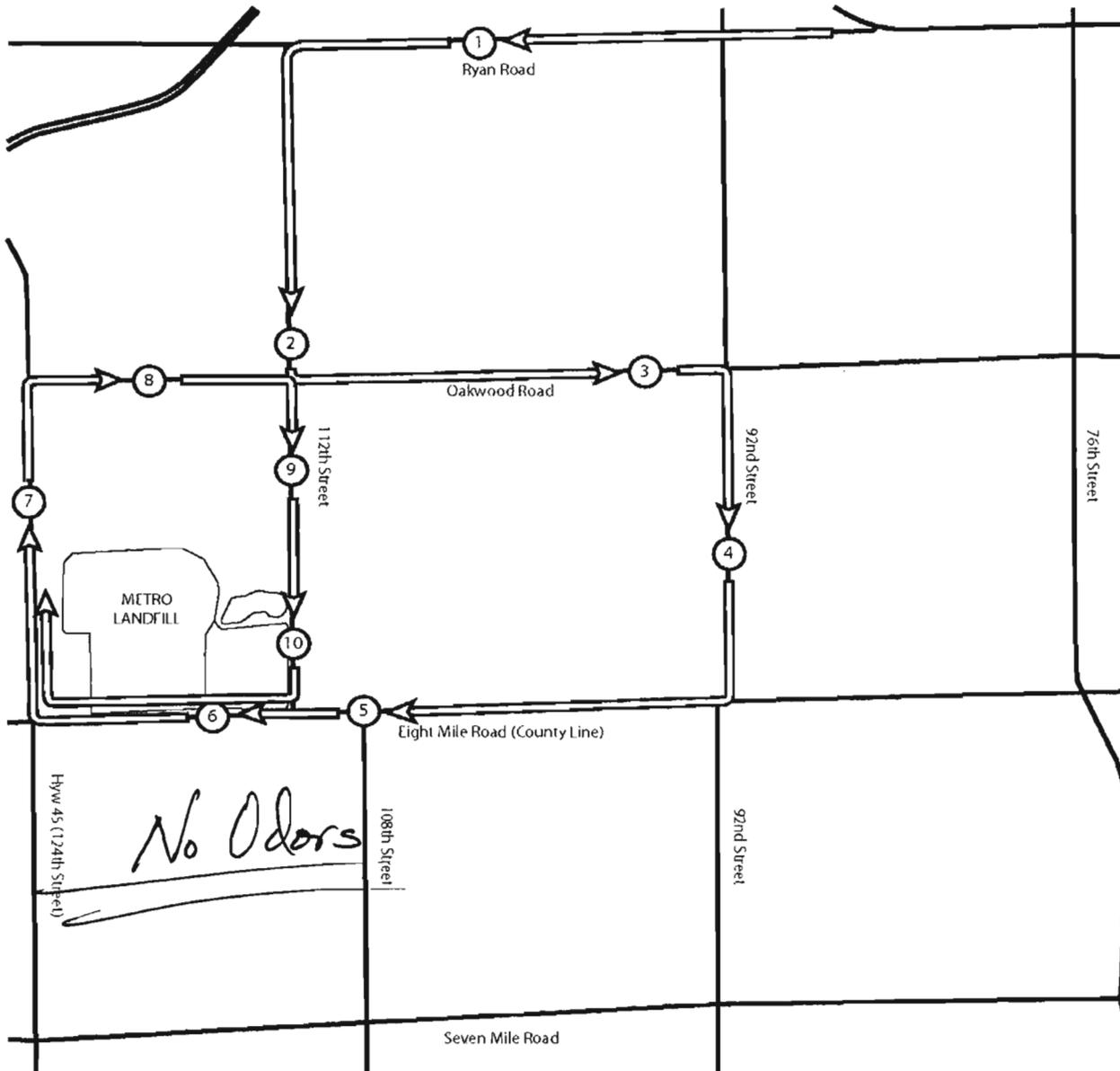
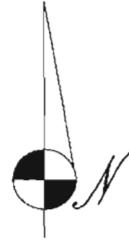


WMWI - Metro Recycling and Waste Management Facility
 Landfill Audit Map
 City of Franklin
 Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

Off-site odor monitoring route. Numbers denote monitoring stop.



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Overview of Northern portion of site



Overview of Phase 9



Overlay area of future waste placement Phase 9, 6, & 7



North slope of Phase 9, compost and seeded



West slope of Phase 9