



MEMORANDUM

ADS Emerald Park Landfill Audit Summary

TO: ADS Emerald Park Landfill Standing Committee, City of Muskego
FROM: Faith Spear.
COPIES: File
DATE: 05/13/14
PROJECT NUMBER: 1012.10030

Attached is the audit report for activities at the ADS Emerald Park Landfill for the week of April 12, 2014. The audit was performed at 12:40 PM on April 14, **2014** by Jo Spear, Jr. in the presence of David Geier.

Landfill Operations Audit:

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

- Working face on East edge of Phase 7B, up against Phase 6
 - Soils being tipped above to create bench
 - Stockpile will be used for future cover
- One compactor and 2 dozers in operation
- Using soils for cover; testing autofluff next week
- All leachate discharging to MMSD; no recirculation

- No flares in operation; flares used over weekend
 - Shutdown due to MMSD
 - One blower in use
 - Gas flow to MMSD currently approximately 1,400 cfm
- Small rain storm on 4/13; less than 1"
- Snowing today; no accumulation
- Ditches flowing with rain & melt

- No noticeable odors on or off-site
- Liquid loads periodic

- Minimal litter on-site; clear off-site
 - One pickers at work
 - Wet weather limiting litter
- US 45 and 8 Mile Road clean; site roads gritty

- Scale camera in use; 1 equipment operator; no spotter
 - Receiving approximately 2,000 TPD
 - Loads of soil and MSW arriving
 - No rejected loads
- Residential drop-off boxes full from Friday & Saturday open hours
 - Creating some problems

Attachments:

Action Items List / Landfill Operations Audit Form
Audit Photos



MEMORANDUM

- Northeast slope of Phase 4 has been back-dragged and dressed with fresh topsoil & intermediate cover
- Terra mobilizing on site in preparation for gas/leachate extraction wells this week
- E-waste container “overflowing”; Pick-up scheduled for 4/17

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 April 30, 2014
Auditor on site at: Open Close

TIME 11:20

WEATHER Overcast with occasional

WIND 10-15
N ⊙ E W

TEMP Maximum 52 °F Minimum 41 °F

B.P. 29.69

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
1	Haul Truck						
	Water Truck						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southwest corner of
Phase 9. Consistent cover throughout
active Area. Cover all soils



Cover Material:

Site soil & tarp

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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1/4
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#			
Destructed Volume:	#	2645	cfm	

Comments:

New collection lines in Phase 9 pulling more gas

D. Surface Water Management:

Storm Events Since Last # 3 Est. Volume 72"

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

Basins have adequate freeboard and ditches are all low flow. Rills plentiful

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors

F. Liquid Loads Recieved:

None



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"/>	# 3

Comments:
 off-site litter cleared from neighbors

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 & 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"/>	#	3
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	4/17/14					
Average Tonnage:	~1,800 TPD					

Comments:
 MSW - 1,400 - Rec - 700

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Site clean



L. Other Comments:

- * New gas collection lines installed in these 9 cover restored about Active Area
- * New equipment operator employed in April, permanent position
- * Poles installed for additional "tall" litter fence installation ongoing.

Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Spear, Jr
Management Signature: [Signature]
Management Printed Name: Travis Thorsen
Management Title: District Manager
JSA Principal Signature: _____

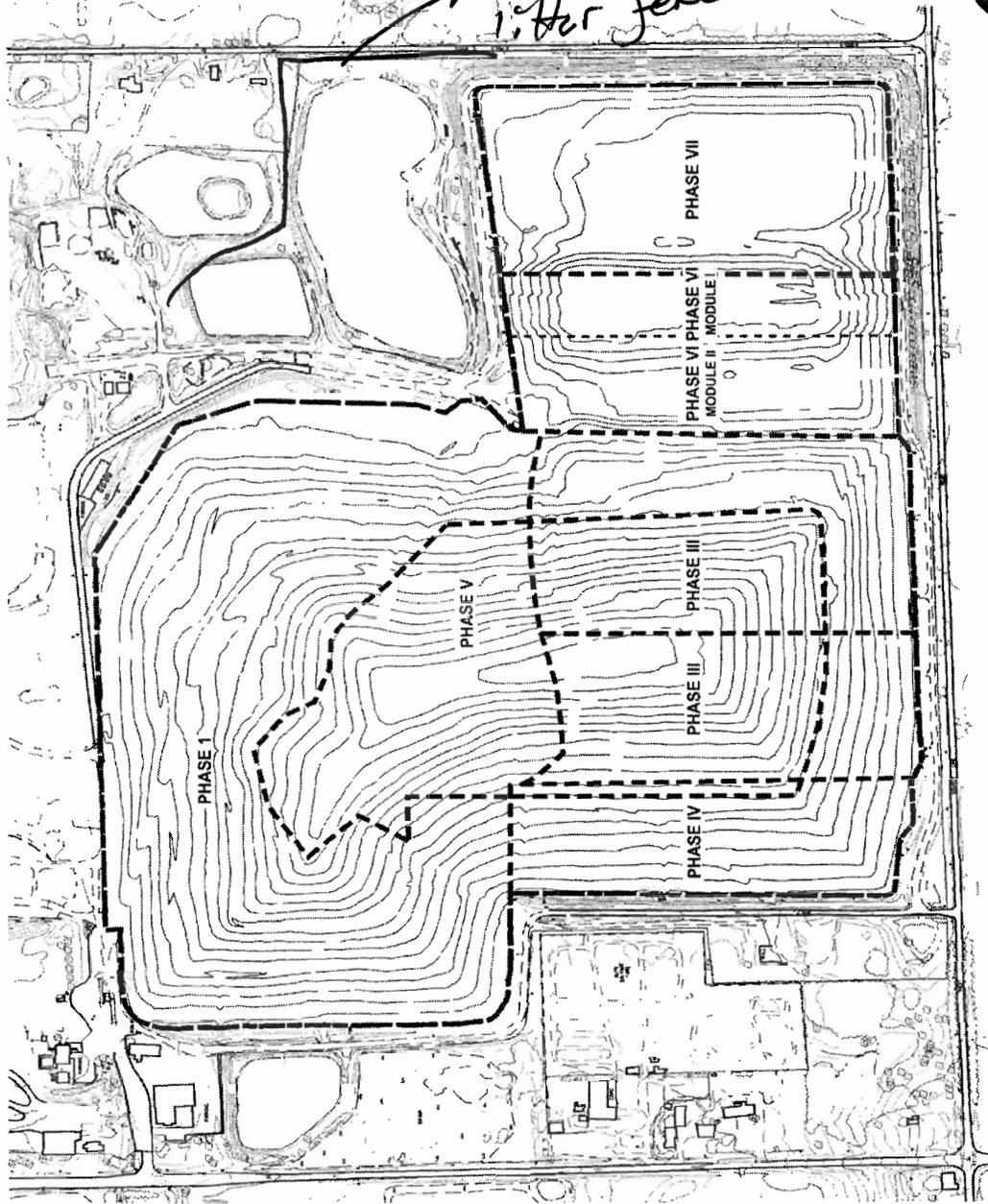
Date: 4/30/12
Date: 3/30/14
Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036-0056

*New top of
letter fence install*



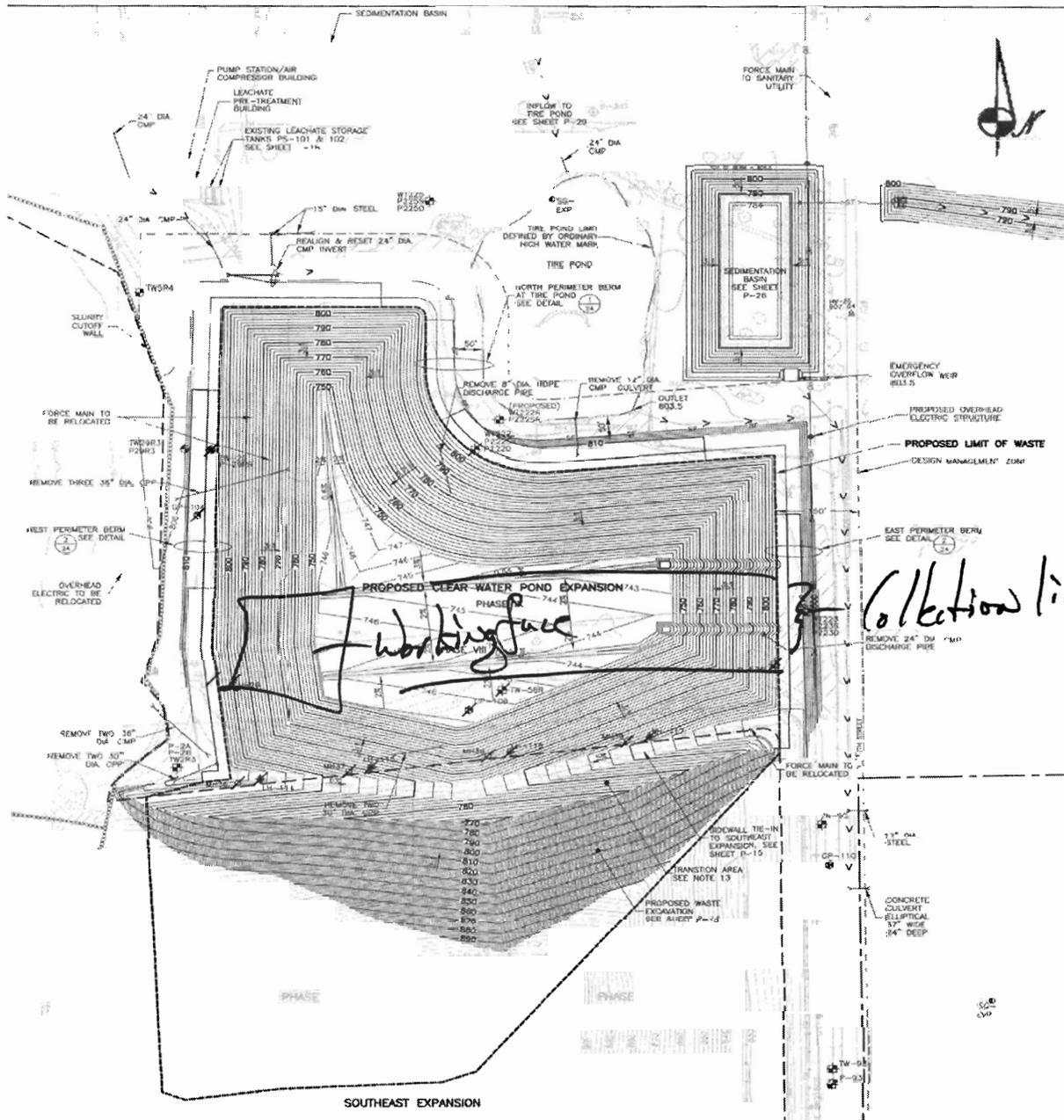
based off a 2003 Phase and Cover map



J SPEAR ASSOCIATES
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ENGINEERS

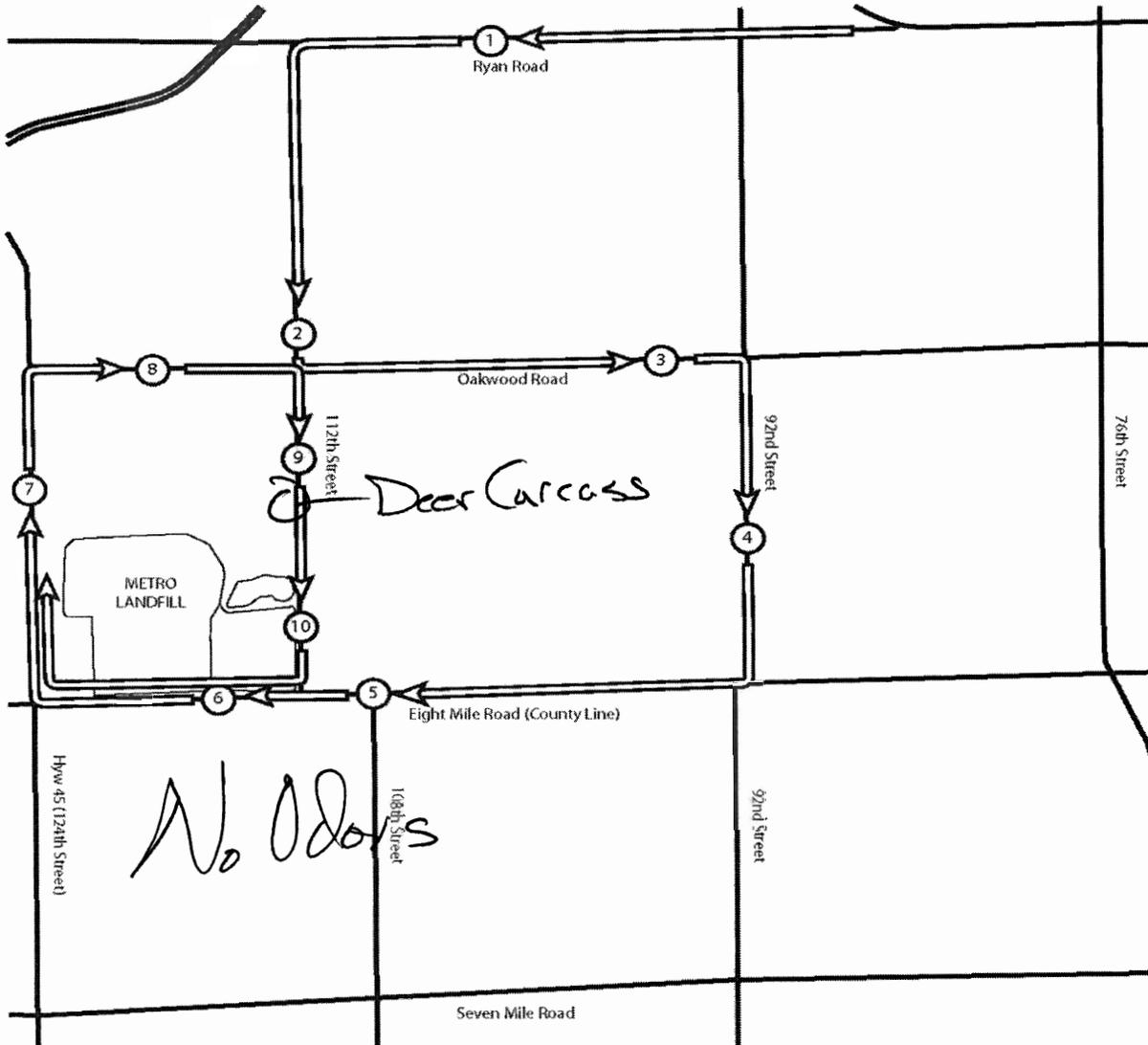
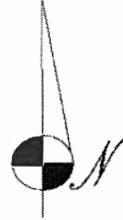
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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



Overall of Phase 9



Daily cover well placed East of Working face



Middle of active area