

January

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Jo-Walter Spear, Jr., P.E.

COPIES: File

DATE: 01/15/2014

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of January 6, 2014. The Audit was performed at 10:28 AM on **January 9, 2013** by Jo Spear Jr. in the presence of Mike Hackney.

The following bullet items were developed from the **Operations** Audit:

- Working face at East edge Phase 8
 - Working toward North to fill cell to grade
 - All work confined to one face
 - One Dozer, one excavator and one compactor in use
 - Soil, sand and snow providing cover in active area
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - Approximately 2,400 cfm destructed
 - Low quality gas production; too low for all devices to run properly
 - No storm events since last audit; three days of intense cold
 - Icy patches, some sublimation; no flowing water on site
- Odor present in active area only
- Liquid loads periodic
- Litter observed both on and off-site
 - Four pickers actively working
 - Litter in trees on 112th Street
 - Litter on-site along East side due to heavy winds
 - US 45, 8-Mile Rd and site roads all salt-stained and gritty
 - Some icy patches on roads

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Tipping scale camera and equipment operator at work; no spotter
 - Random Load inspection 12/16/2013
 - Approximately 1,400 TPD
 - No rejected loads
 - Cold impacting delivery, but has little effect on operations
 - No rejected loads
- Residential drop-off operating during audit
 - All boxes were full
 - Some metal on ground
- Residential drop-off area requires boxes emptied more frequently
- Winds during week blew grit over snow creating ugly gray scene

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes

WMWI - METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE January 9, 2014
 Auditor on site at: Open Close

TIME 10:55

WEATHER Clear Sunny

WIND Sporadic
 N S E W

TEMP Maximum 21 °F Minimum 10 °F

B.P. 30.4/6

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face on SE East edge of Phase 8
Working Northward to fill cell to grade.
Only one working face. Soil & Snow
cover Active area making good cover



Cover Material:

Soils, sands,

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	#	
Turbines in	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	4
Engines in	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	2				
Destructed Volume:	#	2,400		cfm		

Comments:

Gas quality low, too low for all devices

D. Surface Water Management:

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

No snow but three days of intense cold. Icey patches, some thaw & saturation. No measurable volumes of flowing water

E. Odor Control:

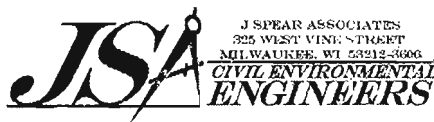
Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Gas odors about Atrina Area Only

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 checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 4

Comments:

Litter along 112th & rd trees, Pickers very active
 Litter onsite along East edge from heavy winds

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

USHS ~~to~~ Salt stained and gritty
 3/4 mile of Site roads gritty with some ice patches

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:	12/16/2013		
Average Tonnage:	1,400 TPD		

Comments:

Old inputs delivery, not smooth operations

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

All boxes full, No material on ground currently
 Metal on ground only



L. Other Comments:

* Winds during the week strong enough
to cover snow without turning it gray

* Resi area week boxes emptied more
frequently

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

Date: _____

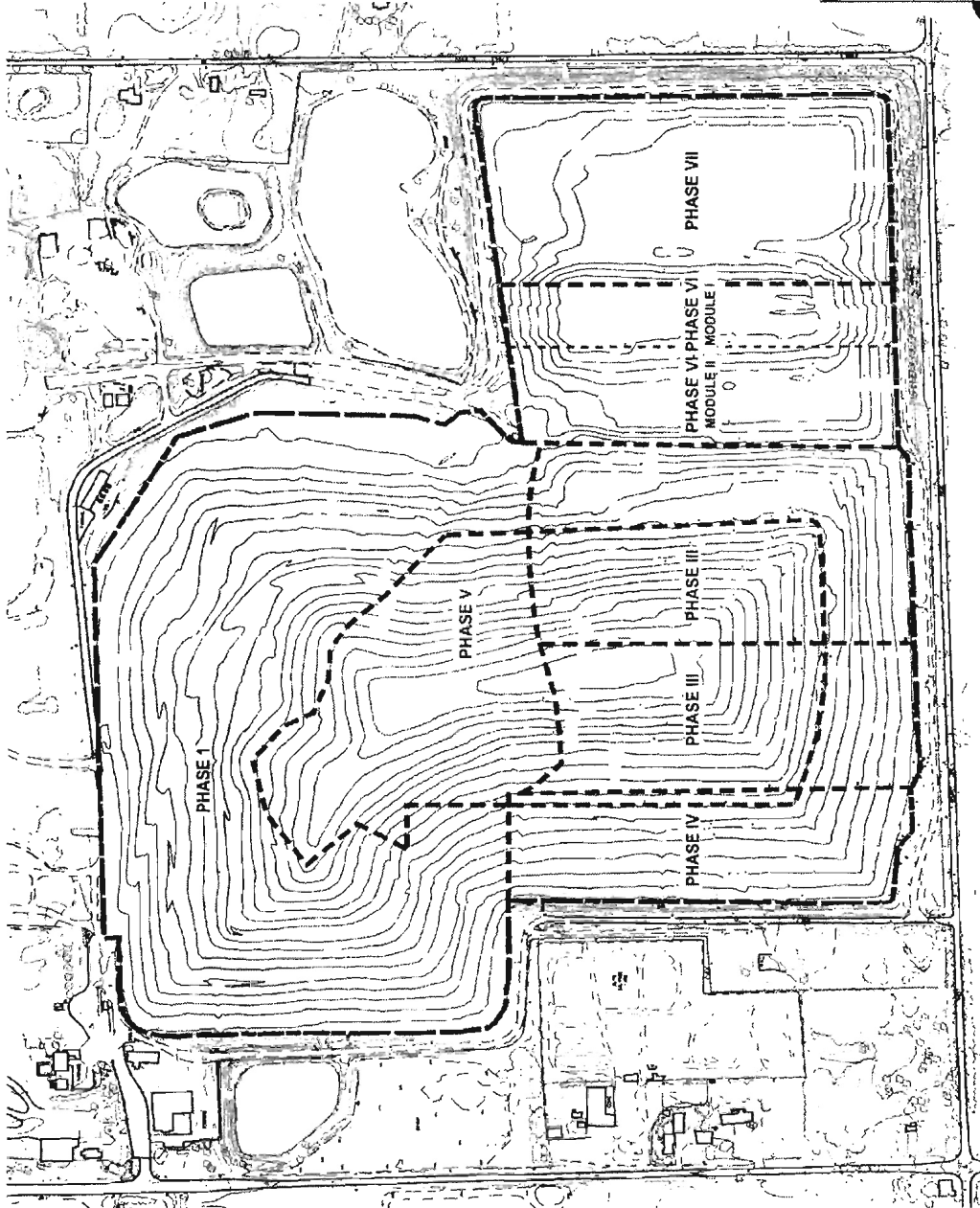
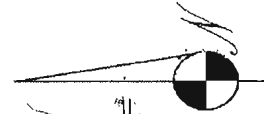
Date: _____

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056

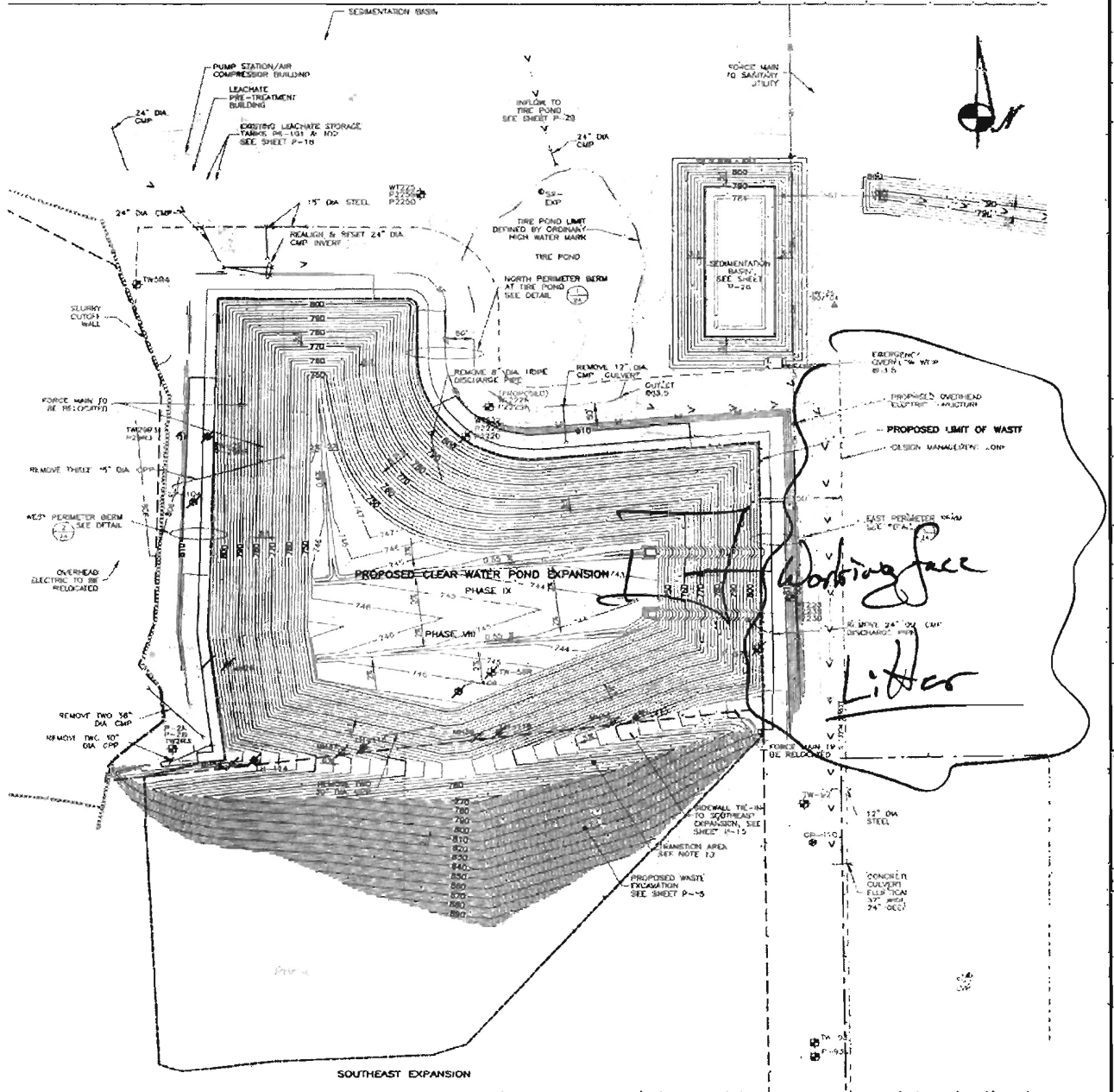


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

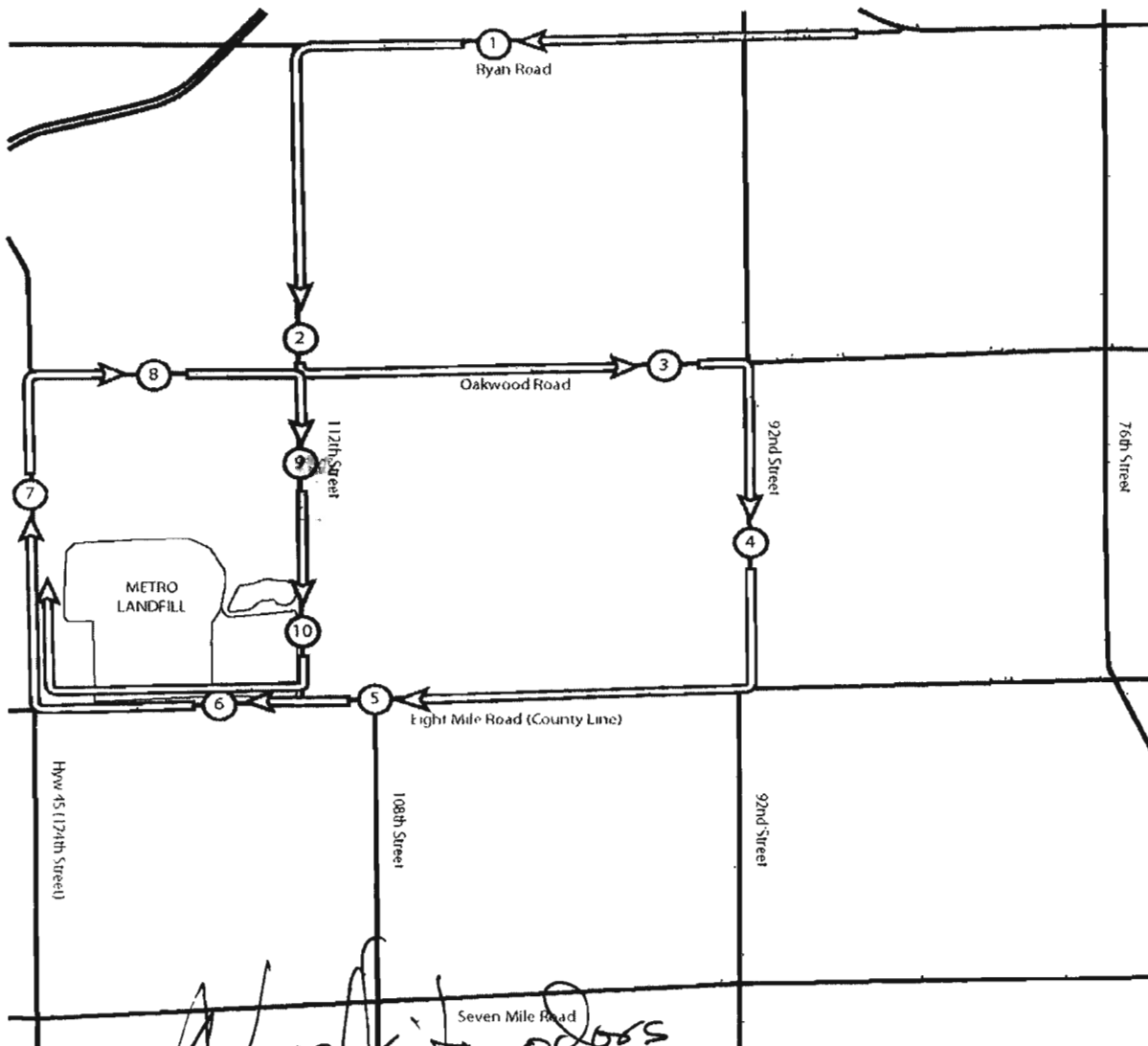
PROJECT NO. 1036.10056




J&S ASSOCIATES
 425 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
CIVIL ENVIRONMENTAL ENGINEERS

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



No off site odors



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Active Area, Phase 9



Active area overall



Working face, midpoint of Eastern edge of cell



Excavator managing frozen load



Tipping viewed from the North

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 01/28/2014

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of January 20, 2014. The Audit was performed at 12:00, Noon, on **January 24, 2014** by Jo Spear Jr. in the presence of Mike Hackney.

The following bullet items were developed from the **Operations** Audit:

- Working face is progressing toward Northeast corner of Phase 9.
 - One working face receiving all incoming waste
 - One Dozer, one excavator and one compactor in use
 - Active area defined and cover improved considerably since last audit
 - Using soil and sand for cover
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - No shut downs since last audit
 - Approximately 2,200 cfm destructed
 - Low quality gas production; too low for all devices to run properly
- Two snow fall events since last audit; approximately 1"
 - No surface water; everything frozen
 - Ditches snow filled
- Too windy to detect any odors
- Liquid loads periodic
- Litter present both on and off-site
 - Litter scattered far offsite in fields East of active area
 - Heavy litter on WMWI property to North
 - Blowing snow on US 45, 8-Mile Rd and site roads
- Tipping scale camera and 3 equipment operators at work; no spotter

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Random Load inspection on 1/17/2014
- Random load up-to-date and compliant
- Approximately 1,500 TPD
- No rejected loads
- Residential drop-off operating during audit
 - Area clean
 - Most boxes empty
- Pickers sent home due to harsh weather
- Low temperatures reducing picker's working hours

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 January 16, 2014
Auditor on site at: Open Close

TIME 2:30

WEATHER Overcast, on top of snow

WIND S-25
N E W

TEMP Maximum 32 °F Minimum 11 °F

B.P. 29.4/6

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Rex Compactor		1				

A. Working Face Size and Location:

Working face filling divide between Phases 4, 5, 6, & 7
 predominantly MSW covered. Working face very
 small and only one



Cover Material:

Autoglyf, soils, & CSD

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"/>	#	1
Blowers in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Flare use since last audit	#		NA	
Shutdowns Since Last Audit:	#		0	
Flow to MMSD:	#		1,500 cfm	
Vegetation Condition:	Good <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/> Dead <input type="checkbox"/>

Comments:

Discharge to MMSD Daily

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	2,57
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Snow fall twice during the week. Site conditions frozen. Ditches filled with snow

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

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 of litter about perimeter fences

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 clear with blowing snow

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:				
Tonnage:	1,500 TPP			

Comments:

Only MSW, with minor soil loads at the beginning of the week

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

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

Most boxes empty



M. Other Comments:

* Site snow covered, hard to identify litter and other materials under the snow.

Auditor's Signature:

[Handwritten Signature]

Date: 1/16/14

Auditor's Printed Name:

Jo-Walter O'Neal, Sr

Management Signature:

[Handwritten Signature]

Date: 1/16/14

Management Printed Name:

DEAN DRISGOTT

Management Title:

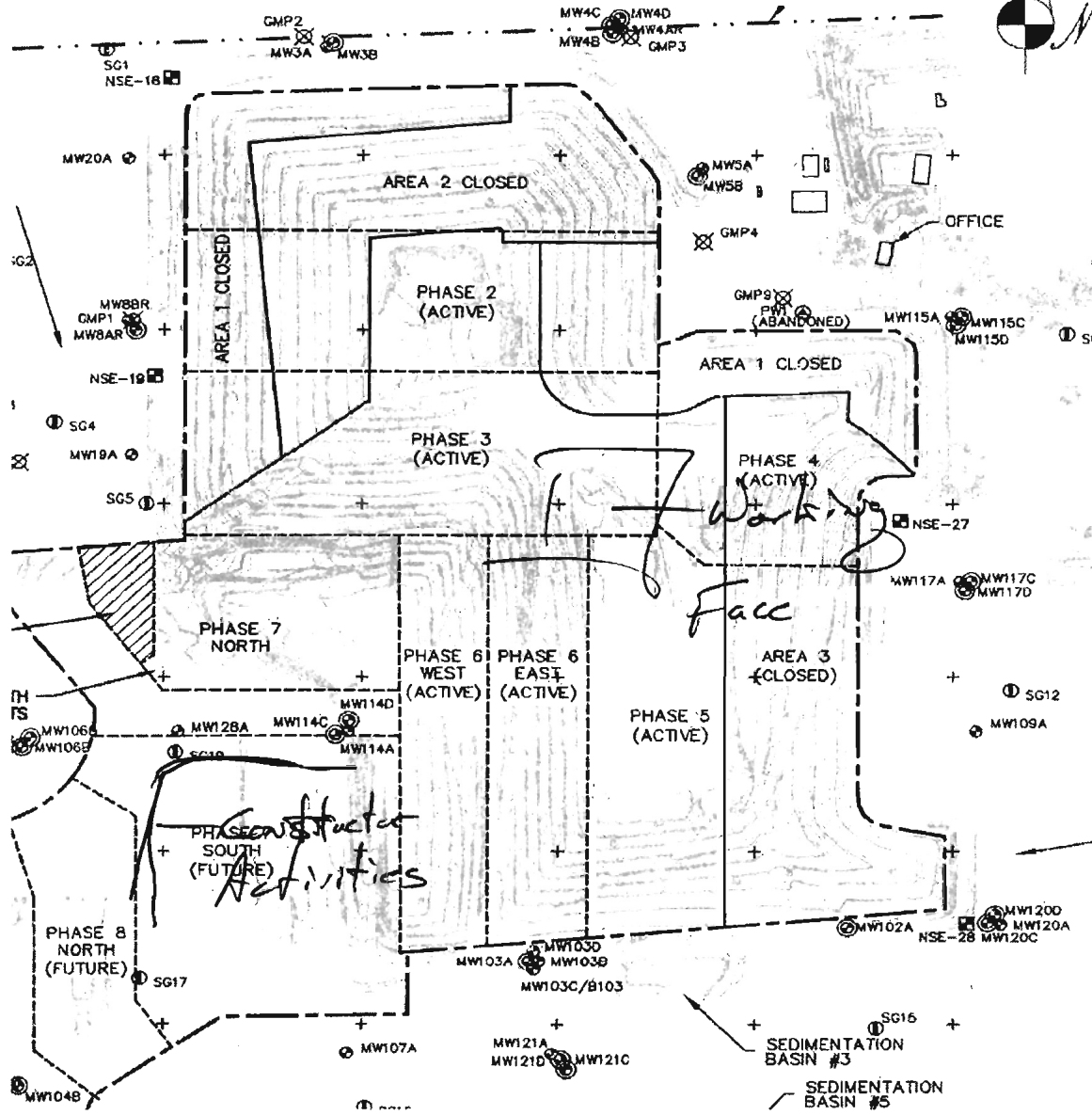
JSA Principal Signature:

Date:



**ADS EMERALD PARK LANDFILL
LANDFILL AUDIT MAP
CITY OF MUSKEGO**

PROJECT NO. 1020.10030



JSA
CIVIL ENVIRONMENTAL ENGINEERS
WWW.JSACIVIL.COM
325 WEST VINE STREET
MILWAUKEE, WI 53212-3600

LANDFILL AUDIT MAP

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

PROJECT NO. 1020.10030

DATE 1/16/2014

TIME 3:00

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

NO.	DESCRIPTION	Rented	Contracted	NO.	DESCRIPTION	Rented	Contracted
	Compactor						
2	Dozer						
	Excavator						
1	Haul Truck						
	Water Truck						
	Sweeper						

A. Work Accomplished Today (Scheduled & Completed):

Clearing snow to expose liner flaps for construction of berms for leachate control until construction.



B. Excavations / Soil Management:

None

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2	<u>None</u>	
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: *[Signature]*
 Auditor's Printed Name: So-Walter Speer, Jr
 Management Signature: _____
 Management Printed Name: _____
 Management Title: _____

Date: 1/16/14
 Date: _____



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

PROJECT NO. 1012.10030



Active area viewed from West



Working face facing East



Working face



Phase 8 being prepared for berm construction



Phase 8 access

February

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 03/07/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of February 3, 2014. The Audit was performed at 4:05 PM on **February 6, 2014** by Jo Spear Jr. in the presence of Daniel Otzelberger.

The following bullet items were developed from the **Operations** Audit:

- Working face moving East to West through center of active area in Phase 9
 - It appears that holes in active area are being filled to level
 - One dozer and one compactor in use
 - Using foundry sand and landfill direct soil for cover
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - Two shut downs since last audit
 - Approximately 2,200 cfm destructured
 - Destructive devices down to gas quality
- One snow fall since last audit; approximately 1"
 - No surface water; snow only
 - all conditions frozen; no exposed soil
- Odors on and about active area
 - No noticeable off-site odor
- Liquid loads periodic
- Litter present both on and off-site
 - Litter off-site cannot be addressed due to current weather conditions
 - Blowing snow on US 45, 8-Mile Rd and site roads
- Tipping scale camera and 2 equipment operators at work; no spotter

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Last random Load inspection on 1/22/2014
- Average tonnage approximately 1,200 TPD
- MSW only
- No rejected loads
- Residential drop-off area clean
 - Boxes filled
- Litter is on-going issue
 - taller (20') litter fence to be installed in April
 - Additional 6' fencing added to perimeter of Phase 9
- New operations manager Travis Thorson

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE February 6, 2014
 Auditor on site at: Open Close

TIME 4:05

WEATHER Clear Cold, High clouds possible

WIND S-15
 N S E W

TEMP Maximum 8 °F Minimum -5 °F

B.P. 30.37

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face moving East-West through center of Active Area, Phase 9. Appears that holes in Active Areas being ~~fill~~ filled to create level area.



Cover Material:

Foundry sand & landfill dirt soil

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#	2		
Destructed Volume:	#	2,200	cfm	

Comments:

Destructive Devices down due to gas quality

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:

Snow event only, All conditions frozen
No exposed soils

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Gas odors on & about Active Area
No off site odors

F. Liquid Loads Recieved:



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 3

Comments:

Litter off site, can't be addressed in current weather conditions

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 road clean, with blowing snow

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						1/22/14
Average Tonnage:						1,200

Comments:

MSW only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		None

L.

Residential Drop	Open During Audit	<input checked="" type="checkbox"/>
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Resi drop of clean, but boxes filled



L. Other Comments:

- * Litter going to be an ongoing issue
- * Litter fence, TALL, expected in April
- * Additional fencing, 6', added to Perimeter of Phase 9
- * New Operations Manager
Travis Thorson

Auditor's Signature: _____

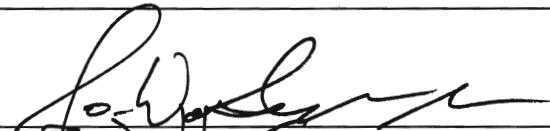
Auditor's Printed Name: _____

Management Signature: _____

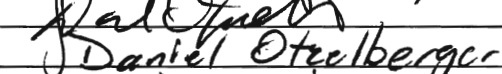
Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____



John Walter Spear, Jr



Daniel Osteelberger

Site Engineer

Date: 2/6/14

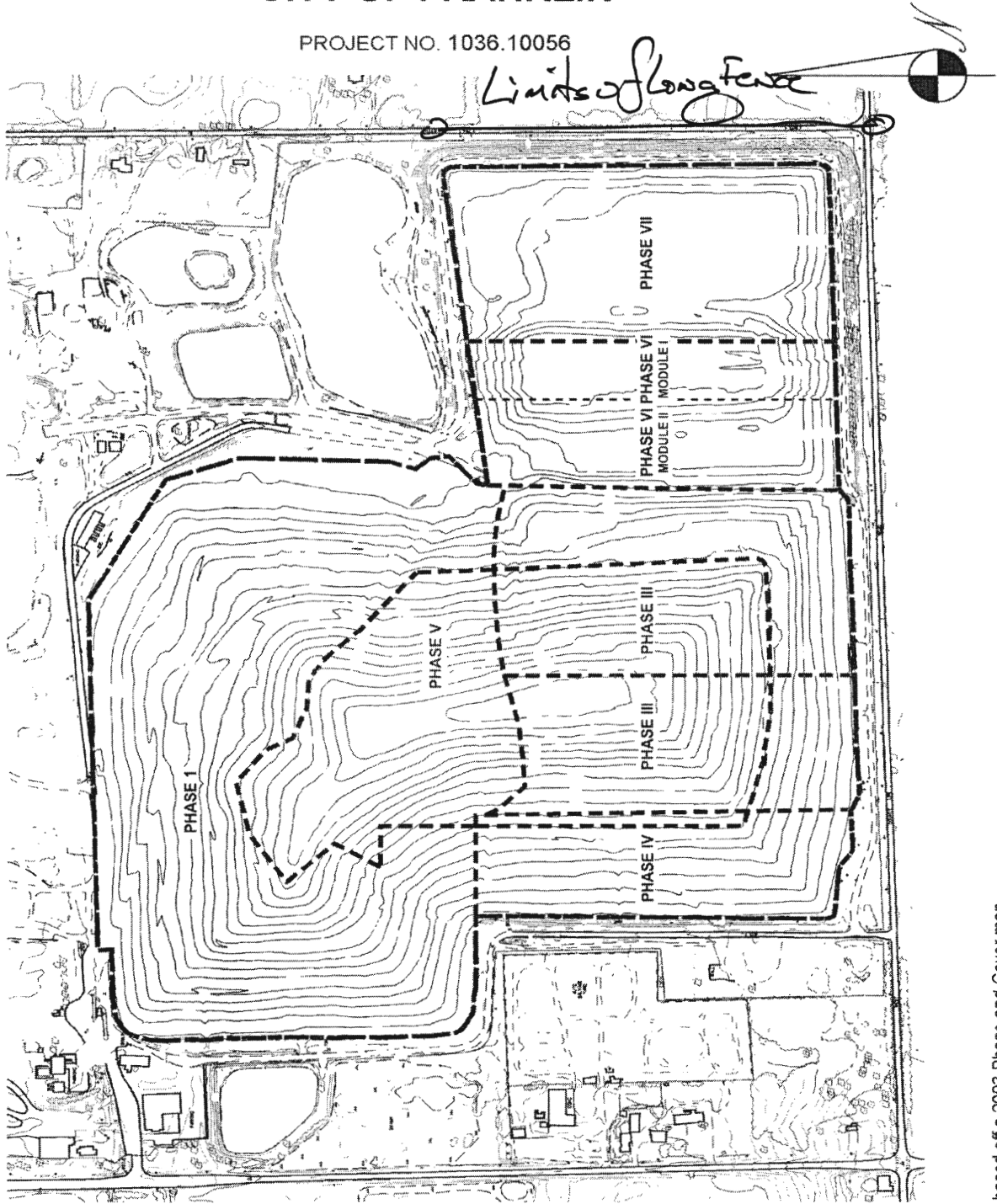
Date: 2/6/14

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

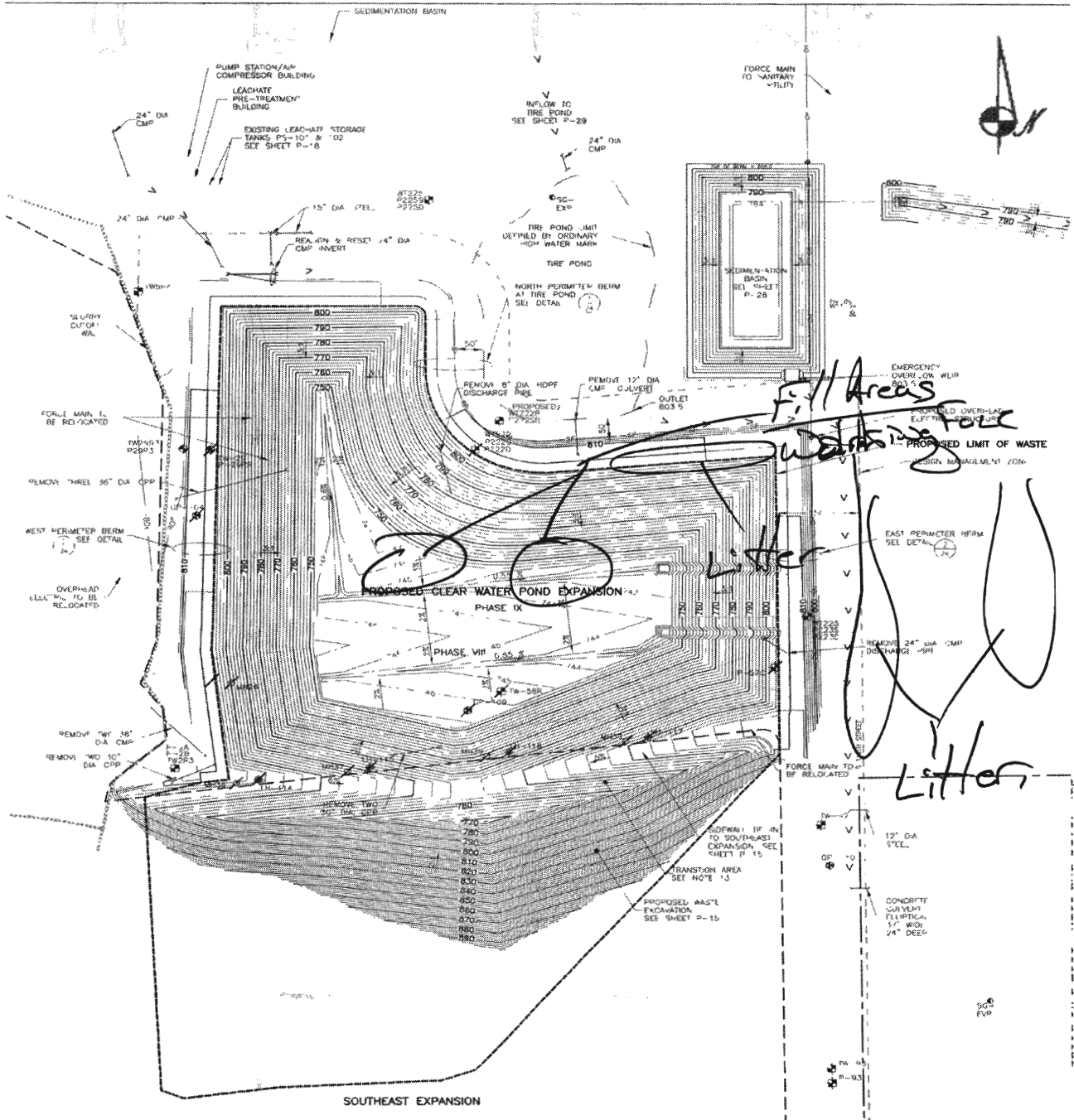


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

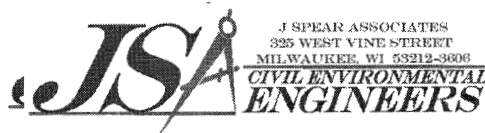
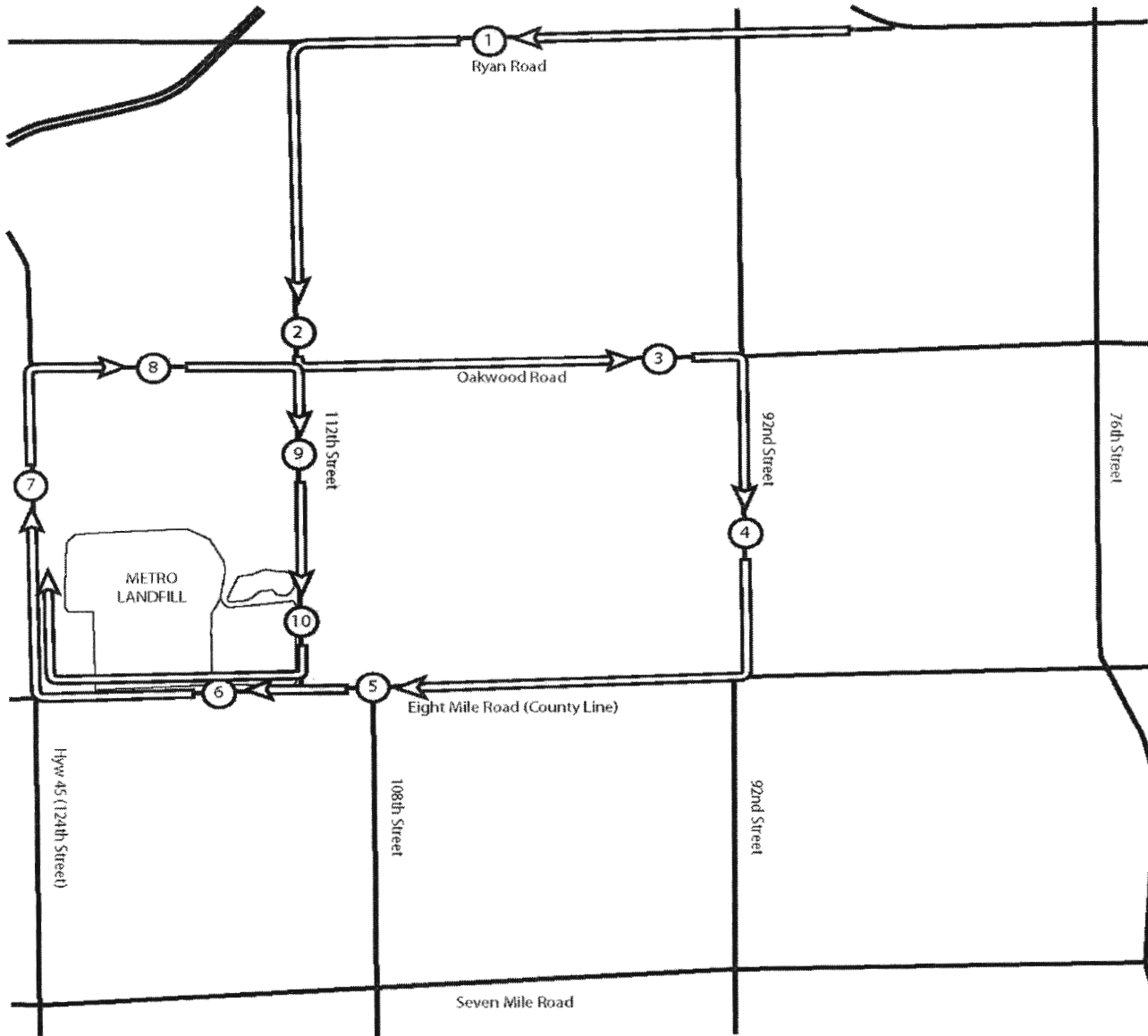
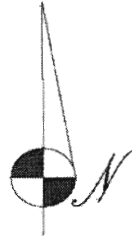
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3806
CIVIL ENVIRONMENTAL ENGINEERS

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



Active Area, Phase 9



Working face



South portion of Active area



Southeast corner of facility



New, East fence of active area

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE February 26, 2014
 Auditor on site at: Open Close

TIME 11:50

WEATHER Clear, Sunny, and brisk

WIND 10-25
 N S E W

TEMP Maximum 15 °F Minimum 1 °F

B.P. 30.12

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor		✓				
1	Compactor	✓					

A. Working Face Size and Location:

Working face in roughly center of Phase 1
Face is very large, does not appear
to have received cover since start
of new lift.



Cover Material:

No cover material appears to be in use.

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	# 2			
Destructed Volume:	# 2,450		cfm	

Comments:

Volume up providing more methane for destruction

D. Surface Water Management:

Storm Events Since Last # 31 Est. Volume 21"

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

One large snow event since last audit. Site conditions frozen. Ditches occluded with snow. No visible vegetation

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Gas and Garbage odor on 112th Street.

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:

Severe off site litter, large plastic sheets and bags East of site. Onsite litter in fences

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 1/8 Mile Clean. Site roads icy

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:	1/22/2014			
Average Tonnage:	1,100 1,100			

Comments:

All waste to Phase 9 today

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop	Open During Audit	<input checked="" type="checkbox"/>
------------------	-------------------	-------------------------------------

No users during Audit, site very clean

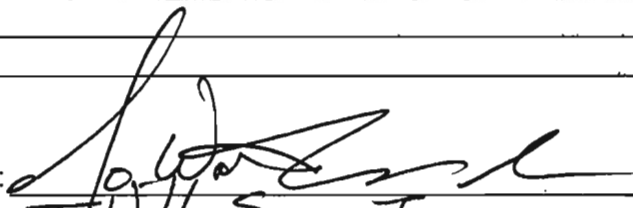


L. Other Comments:

* Compaactor being replaced this week with
new Cat.

* Letter conditions to be addressed as weather
allows

Auditor's Signature:

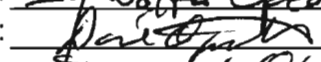


Date: 2/26/14

Auditor's Printed Name:

J. Walter Spear, Jr.

Management Signature:



Date: 2/24/14

Management Printed Name:

Daniel Otzelberger

Management Title:

Site Engineer

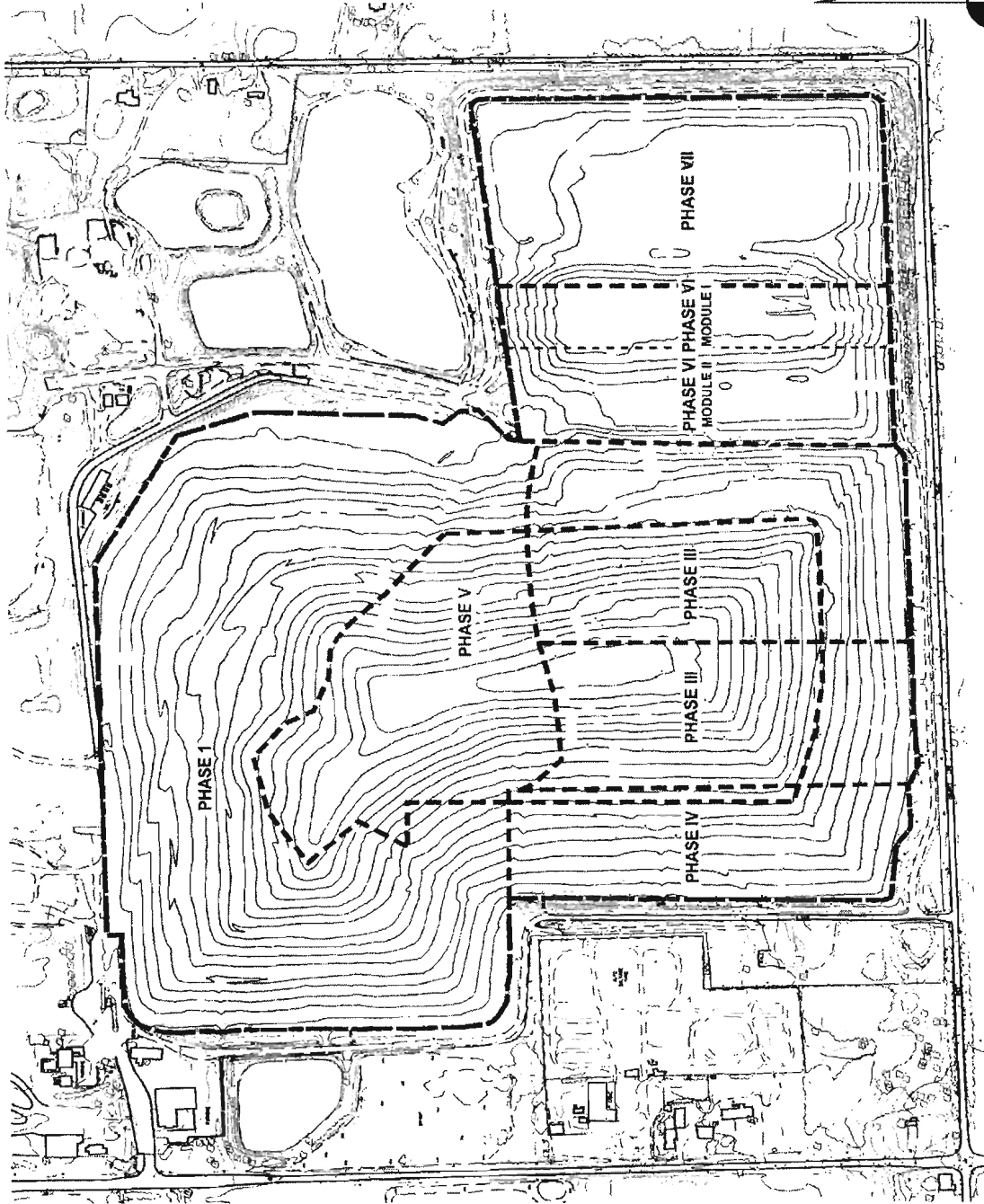
JSA Principal Signature

Date:



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

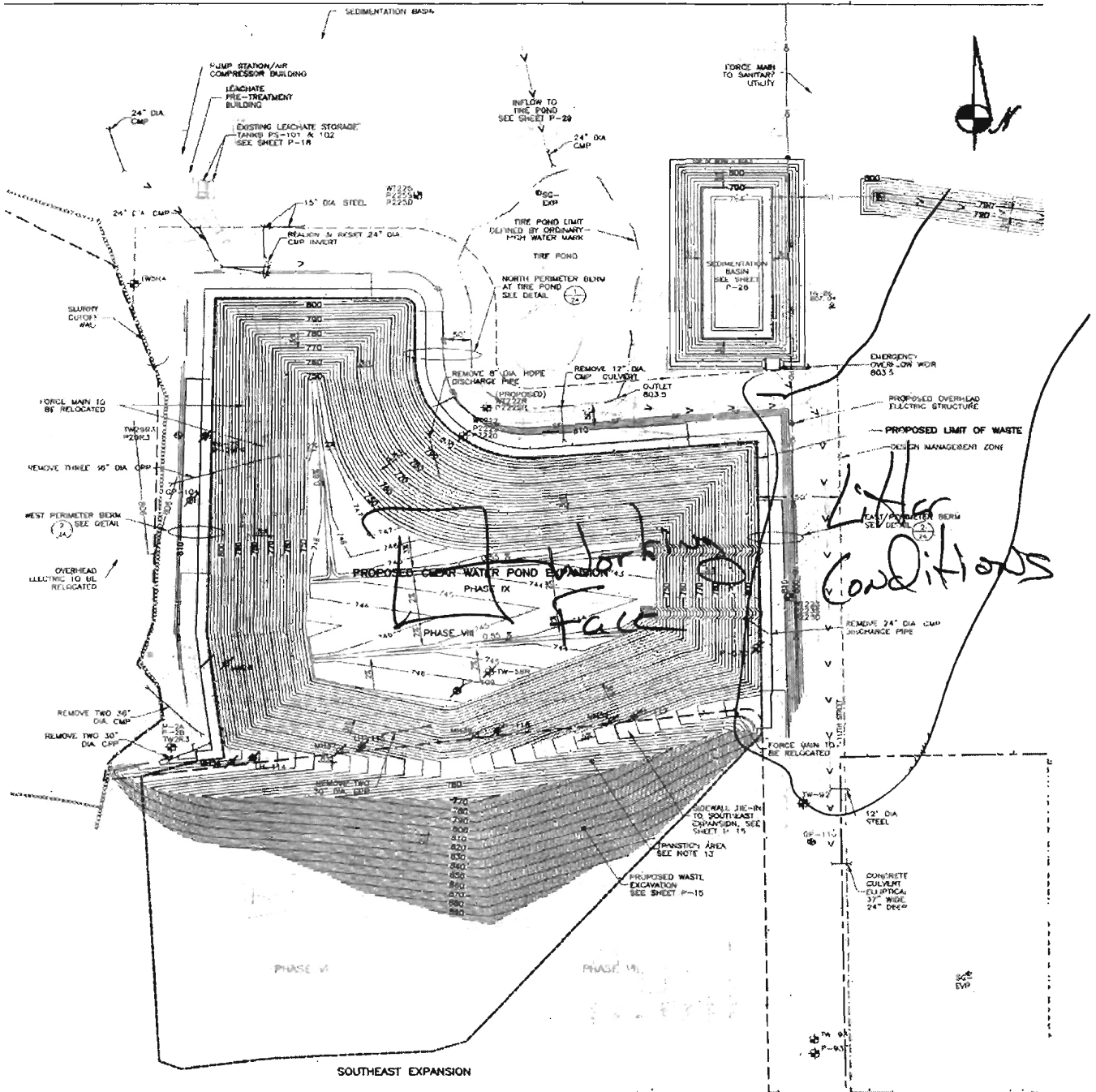


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

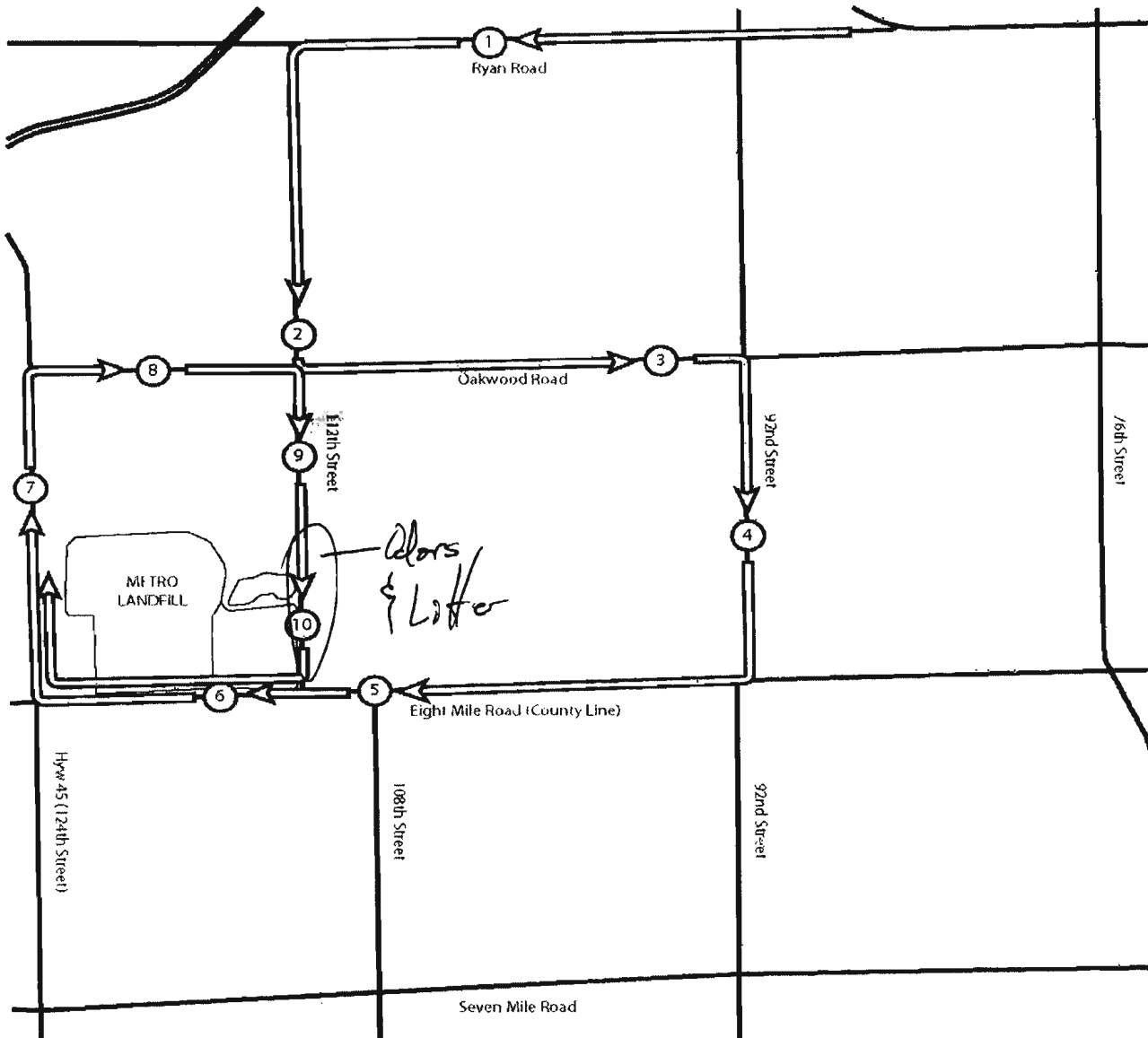
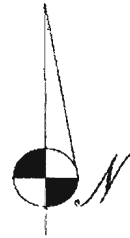
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3806
**CIVIL ENVIRONMENTAL
ENGINEERS**

WMWI - METRO LANDFILL Odor Monitoring Route Map

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





Working face in Phase 9



Active area now crested above lip of cell.



Residential drop off



Active Area

March

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 03/21/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 14, 2014. The Audit was performed at 12:10 PM on **March 14, 2014** by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations Audit**:

- Working face in center area of Phase 9, receiving MSW
 - Cover improved since last audit
 - One compactor, one dozer and two excavators in use during audit
 - Covered edge to edge with exception of working face
 - One compactor & one dozer in use
 - One dozer in maintenance yard
 - Recovered soils from on-site used for daily cover
 - Tarps will be used in April
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - 2,300 cfm gas production
 - Destruction of gas limited by gas quality
- One storm event since last audit; approximately 1”
 - Snow & rain earlier in week
 - Site thawing; ditches flowing to basin
- Minor odor at West edge of active area
- Liquid loads periodic
- Litter present both on and off-site
 - More litter exposed as snow melts

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Much litter in fences on site
- Six pickers working
- Six pickers are scheduled for next two weeks
- US 45 and 8-Mile Rd clean; site roads rugged with potholes
- Tipping scale camera and 2 equipment operators at work; no spotter
 - Random Load inspection on 3/13/14
 - Average MSW tonnage 1,600 TPD
 - No rejected loads
 - All waste going to Phase 9
- Residential drop-off open
 - Area rough, but clean-up in progress
- Aggressive litter picking has begun with 6 pickers actively working
- Site road maintenance will be addressed in near future
- Materials for construction of tall fence have been purchased
- Fence installation as weather permits

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes

WMWI – METRO LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE March 14, 2014
Auditor on site at: Open Close

TIME 12:10

WEATHER Clear Sunny, Temperate

WIND 10-15
N W

TEMP Maximum 49 °F Minimum 29 °F

B.P. 29.52

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Dozer		<input checked="" type="checkbox"/>				

A. Working Face Size and Location:

Working face in middle of Phase 9 receiving
MSW. Cover improved since last audit
covered from ~~entire~~ edge to edge



Cover Material:

Sols for Daily cover

Tarps to be used again : 0 April

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#			
Destructed Volume:	# 2,300		cfm	

Comments:

Gas quality limiting destruction

D. Surface Water Management:

Storm Events Since Last

1

Est. Volume

2/1'

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

Snow/rain at beginning of week.

Site thawing ditches flowing Basin

E. Odor Control:

Odors Present:

Onsite

Offsite

Notes on odor monitoring page

Comments:

Minor odor at West edge of Active Area

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 6

Comments:

Litter exposed during melt, Six pickers to be active for next two weeks

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 & B Mile clean
Site roads rugged, pot hole

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						3/13/14
Average Tonnage:						1,600 TPD

Comments:

Mostly MSW, some soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Site rough, cleaning ongoing



L. Other Comments:

* Site litter being addressed by active picking and six pickers

* Site road maintenance to be addressed in future

* Tall fence materials purchased, placement as weather permits

Auditor's Signature:

J. Walter Spear, Sr.

Auditor's Printed Name:

J. Walter Spear, Sr.

Management Signature:

Travis Thorson

Management Printed Name:

Travis Thorson

Management Title:

District Manager

JSA Principal Signature

Date:

8/14/14

Date:

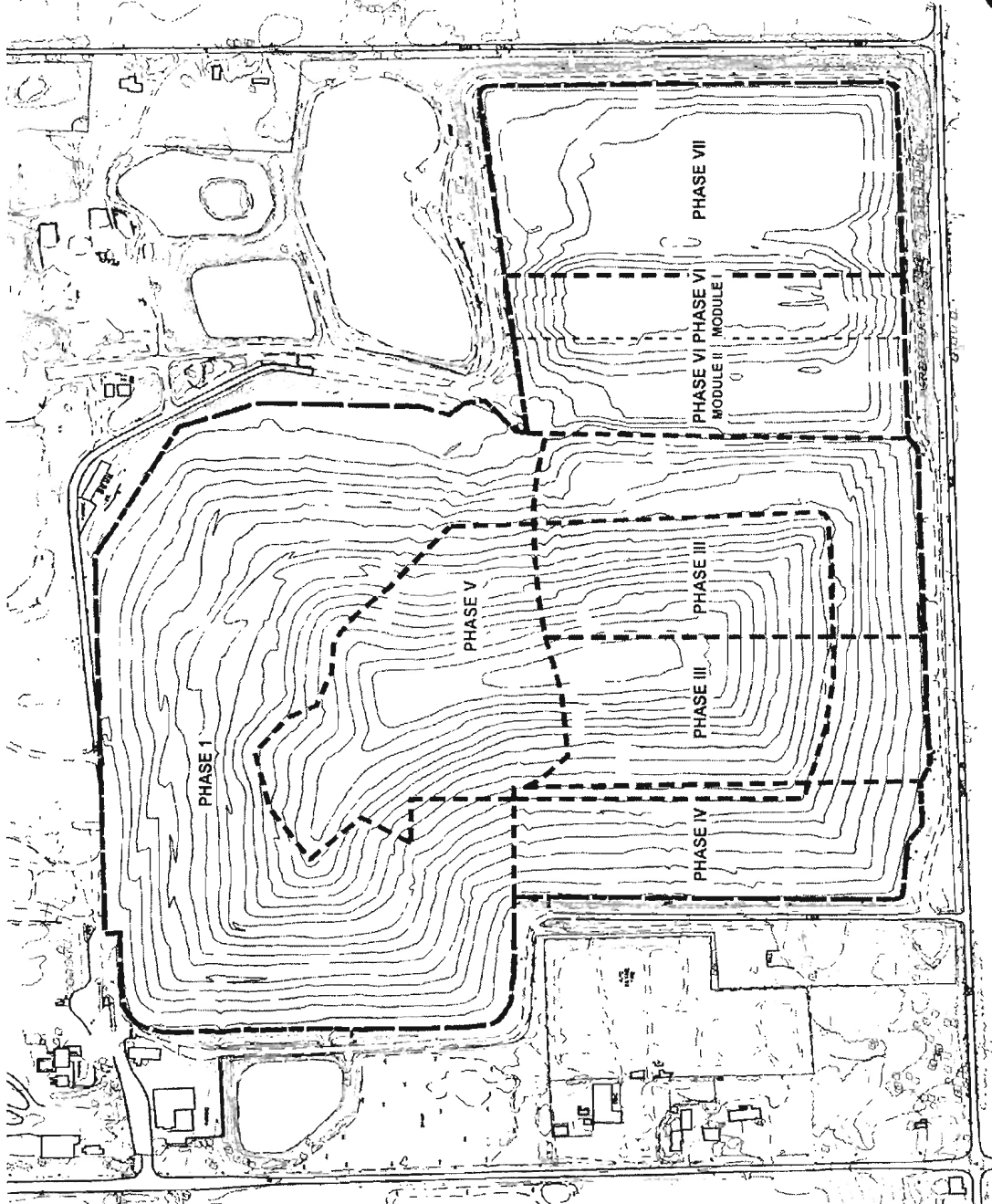
3/14/14

Date:



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

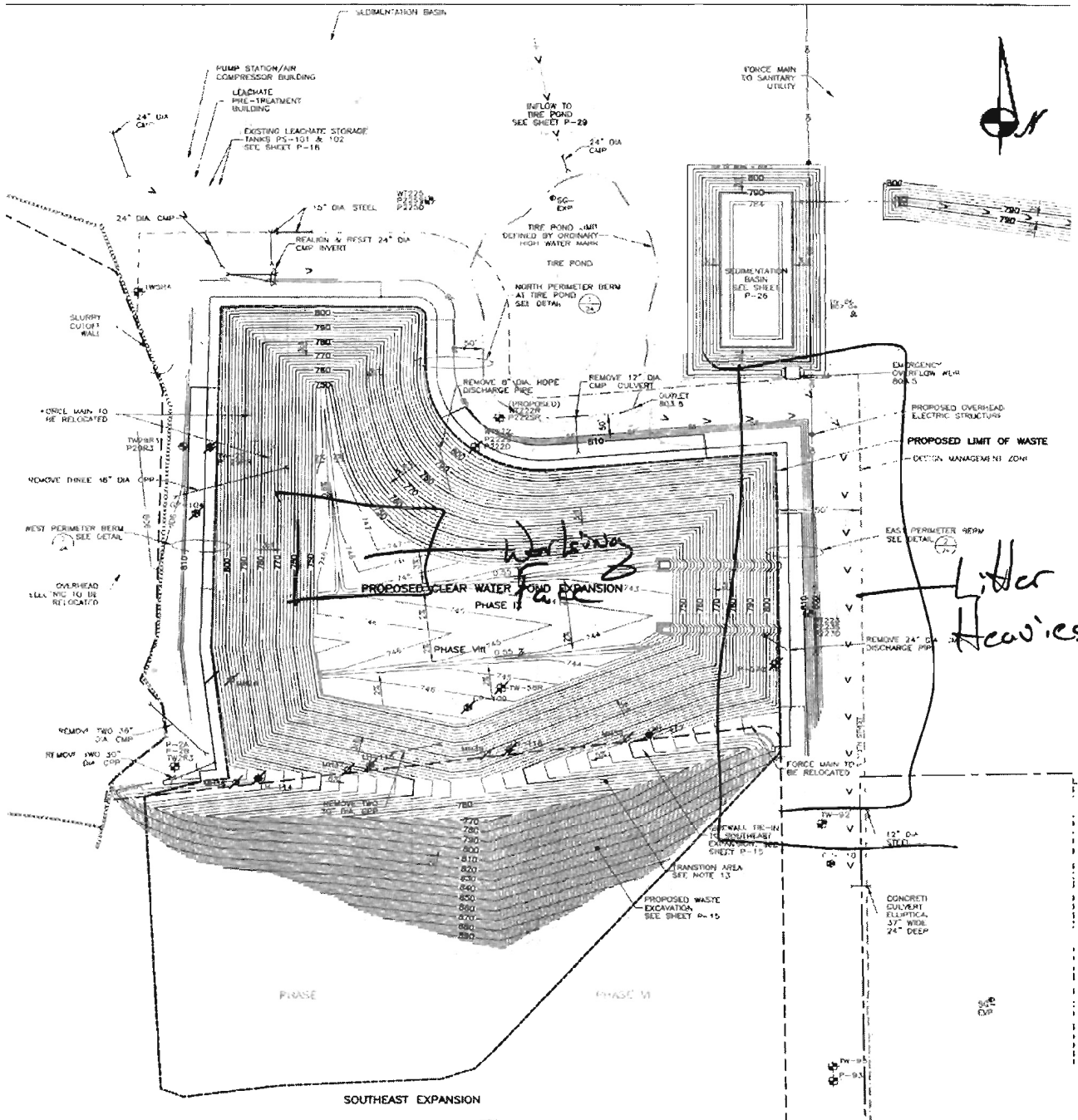


based off a 2003 Phase and Cover map



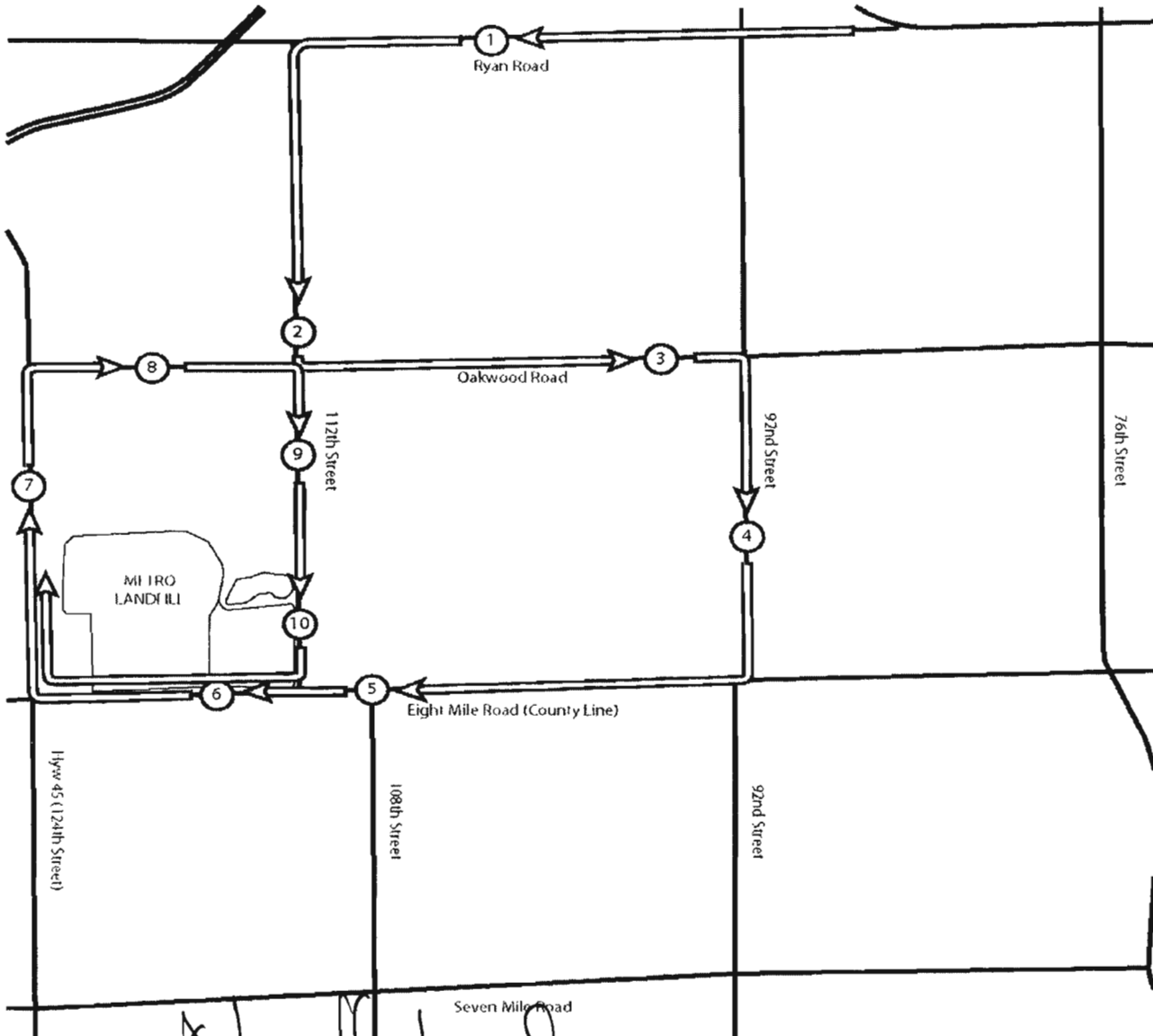
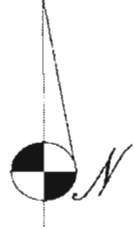
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



No offsite odors



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Northwest corner of Phase 9



Phase 9



South portion of active area, Phase 9



Working face in Phase 9



Active area now crested above lip of cell.

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 03/20/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 17, 2014. The Audit was performed at 13:55 PM, on **March 20, 2014** by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations** Audit:

- Working face in Northwest corner of Phase 9
 - Some bio-soils tipped in Phases 6 & 9
 - Special wastes tipped in Phase 9
 - One compactor, one dozer and one excavator in use during audit
 - Landfill direct soils & tarp used for cover
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - Gas production approximately 2,400 cfm
 - Replacing one turbine generator; turbine down until October
- One storm event since last audit; less than 1"
 - Small rain event
 - Ditches flowing
 - Basins have free board
- Minor gas odor at active area
- Liquid loads periodic
- Litter present on-site; off-site much cleaner
 - Increased picking activity has reduced litter
 - New fence installed
 - Six pickers working

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- US 45 and 8-Mile Rd clean; site roads rough & wet
- Tipping scale camera and 3 equipment operators at work; no spotter
 - Random Load inspection on 3/19/2014
 - Average MSW tonnage 1,250 TPD
 - No rejected loads
 - Loads predominately MSW
- Residential drop-off clean
 - Extraneous waste removed
- New road construction underway and litter fence installed
- Additional pickers worked all weekend to control litter
- Erosion damage on Phase 9 outboard slope identified & will be addressed as weather improves

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened:

Updated: 01/09/2014 - Cleared

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE March 20, 2014
 Auditor on site at: Open Close

TIME 3:55

WEATHER Clear, Sunny, few clouds

WIND S-15
 N S E W

TEMP Maximum 44 °F Minimum 30 °F

B.P. 30.01

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	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 Northwest corner of Phase 9
with some bio-soils tipped in Phase 6 & 7
Special wastes being tipped in Phase 9



Cover Material:

Landfill direct soils 1/2 deep for cover

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#		0	
Destructed Volume:	#		~2,400	cfm

Comments:

1 turbine ~~being~~ generator being replaced by turbine down til ~ October

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	< 1"
-------------------------	-----	-------------	------

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

Small rain event. Ditches have flow and basins have freeboard. Basins have surface ice.

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Minor gas odor at active area

F. Liquid Loads Recieved:

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"/>	# 6

Comments:

Picking has greatly reduced due to picking activities. New fence installed as well

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 road clean, site roads rough & wet.

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:						3/17/14
Average Tonnage:						1,260 TPD

Comments:

Predominantly MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop	Open During Audit	<input checked="" type="checkbox"/>
------------------	-------------------	-------------------------------------

Drop off clean & extraneous waste removed



L. Other Comments:

- * New road construction of litter fence for side
- * Additional pickers all weeks to control litter.
- * Erosion damage on Phase 9 out board slope identified and will be addressed in better weather

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

Date: 3/20/14

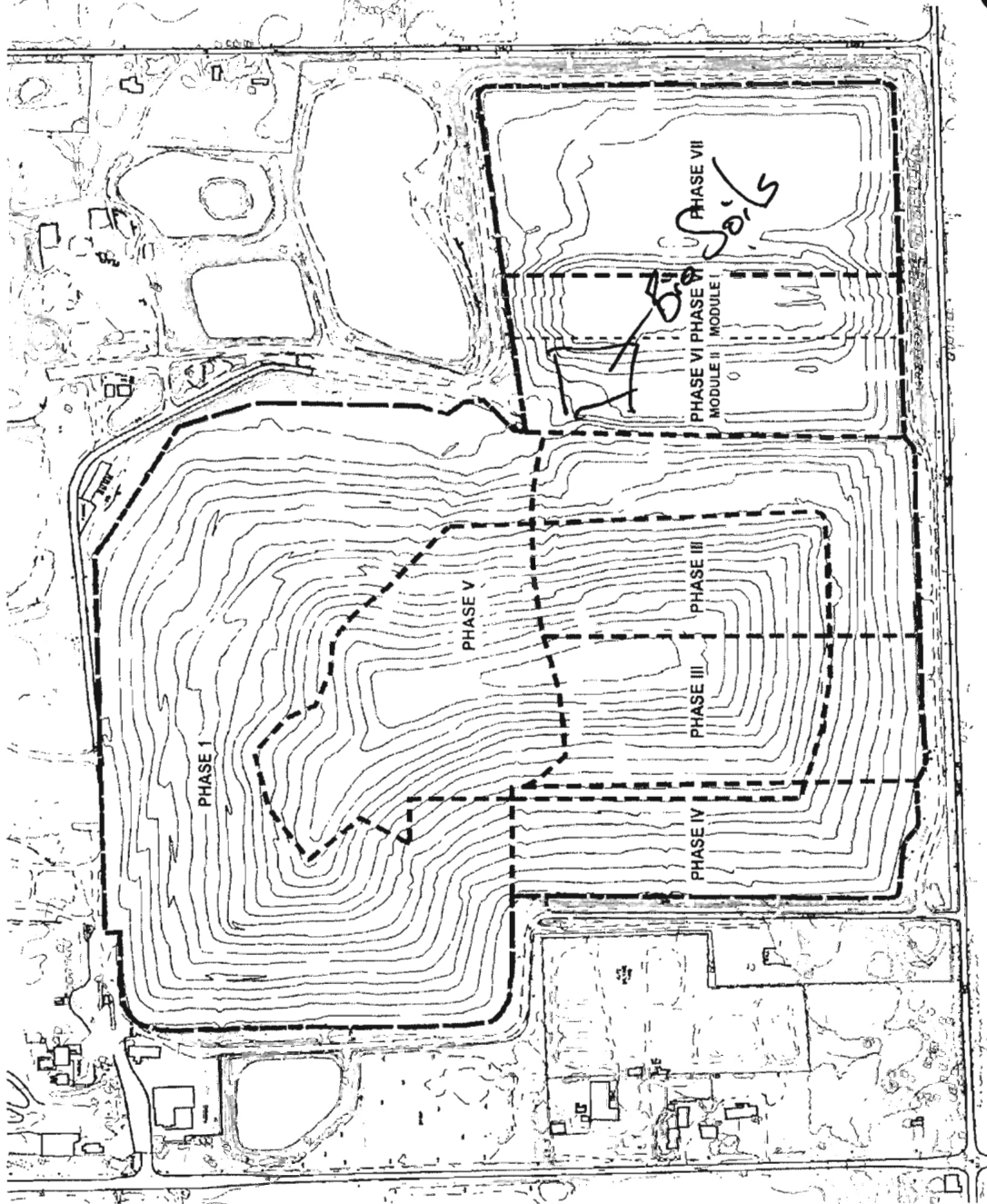
Date: 3/20/14

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

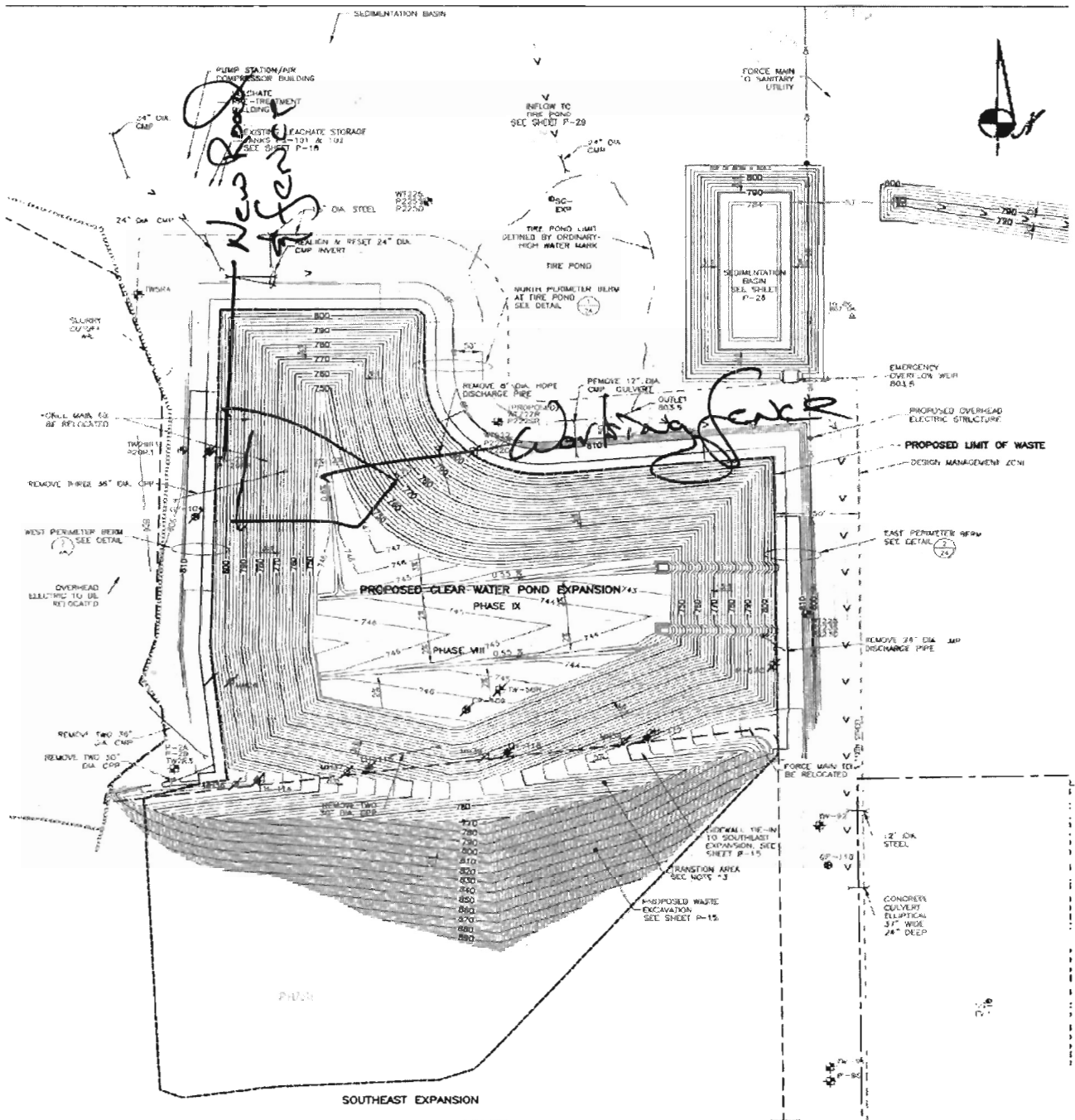


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

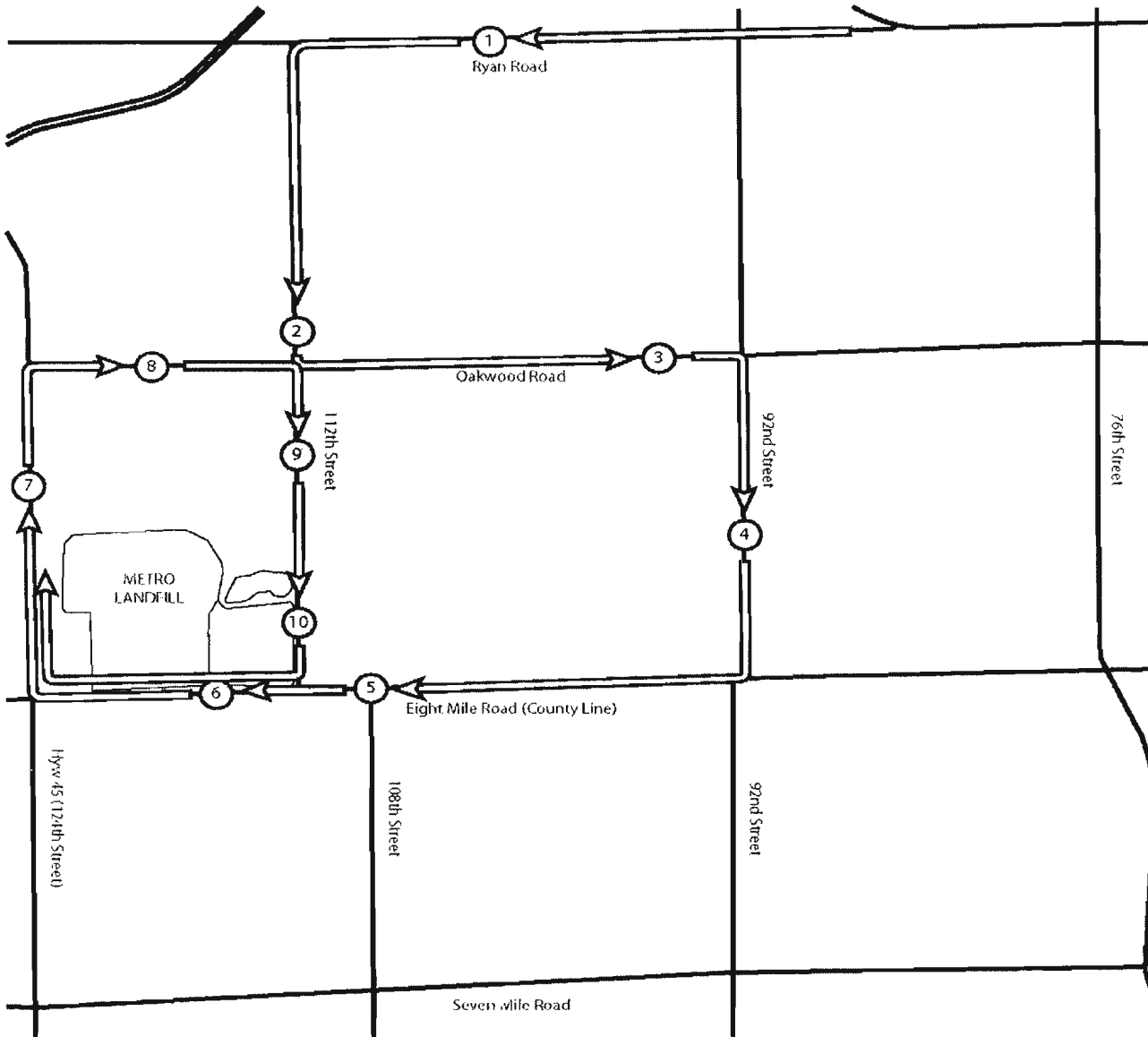
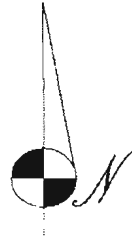
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53222-3030
CIVIL ENVIRONMENTAL ENGINEERS

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



Phase 9, East slope, eroded from last year.



East slope of Phase 9, severe erosion and some litter



Bio soils stockpiled for treatment in Phases 6 & 7



North end of Phase 9, and working face.



Working face at edge of road



Leading edge of working face



Active Area viewed from East

April

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 04/14/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of April 7, 2014. The Audit was performed at 12:45 PM, on April 9, 2014 by Jo Spear Jr. in the presence of Daniel Otzelberger.

The following bullet items were developed from the **Operations** Audit:

- Working face overly large in West edge of Phase 9
- Tarps removed from working face stored on ground cover
 - One compactor and one dozer in use during audit
 - Tarps, site soils and sand used for cover
- Leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - One turbine not functioning due to gas quality issues
 - Gas production approximately 2,300 c
- One storm event since last audit; less than 1"
 - Ditches flowing with melt water
 - Basins have free board
- No odor s on or off-site
- Liquid loads periodic
- Litter present on-site and off-site
 - Off-site litter in trees and fields
 - Two pickers working
- US 45 and 8-Mile Rd clean
- Tipping scale camera and 2 equipment operators at work; no spotter
- Random load inspection on 3/24/14

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Average MSW tonnage 1,200 TPD
- No rejected loads
- Loads predominately MSW
- New gas collection work in Phase 6 & 7
- Action Item recorded
 - Litter off-site
- Rill count and documentation photos scheduled for next audit

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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			

WMWI - METRO LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE April 9, 2014
Auditor on site at: Open Close

TIME 12:45

WEATHER Clear Sunny, Spring weather.

WIND S-15
N S E W

TEMP Maximum 63 °F Minimum 48 °F

B.P. 20.00

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

NO.	DESCRIPTION	Broken	Maintenance	NO.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face overly large in West edge of these 9
Tarps pulled off from working face and on
ground cover.



Cover Material:

Terps, site soils, and sand

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#			
Destructed Volume:	# 2,300		cfm	

Comments:

Turbine out due to gas quality

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	< 1"
-------------------------	---	---	-------------	------

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

Ditches have flowing melt water, basins have plenty of Freeboard.

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors on or off site

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 2

Comments:

Litter off site in trees and down in field,

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 Road Clean.

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						3/24/14
Average Tonnage:						1,200 TPD

Comments:

Predominantly MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit



L. Other Comments:

* New gas collection working phase 6 & 7
* Action items recorded for letter off site
* Dil Count & Photos for next Audit

Auditor's Signature:

[Handwritten Signature]

Date: 4/9/14

Auditor's Printed Name:

Jo-Walter Spear, Jr

Management Signature:

[Handwritten Signature]

Date: 4/9/14

Management Printed Name:

Daniel Otreberger

Management Title:

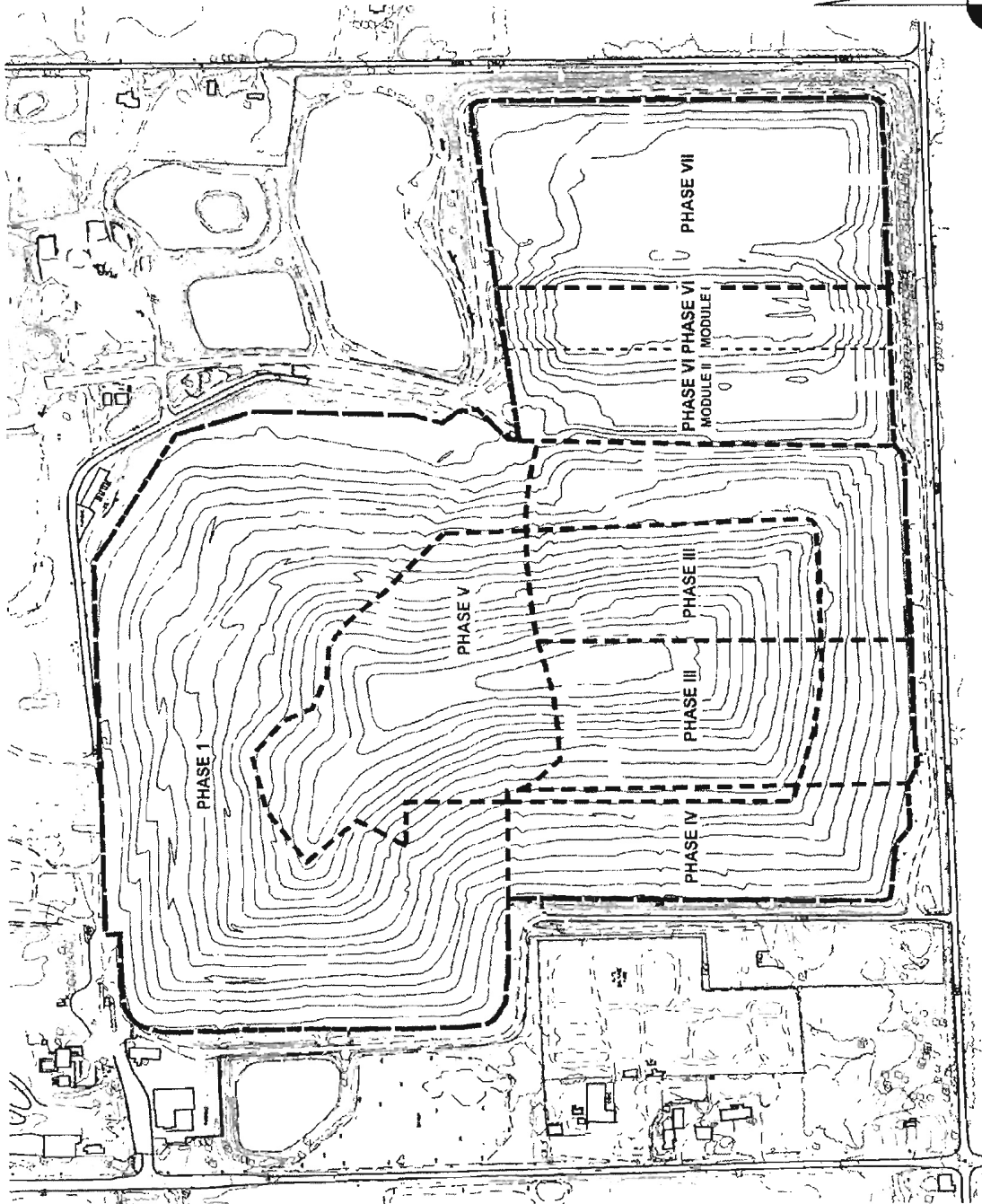
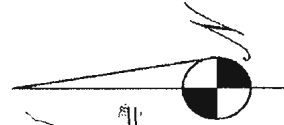
JSA Principal Signature

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

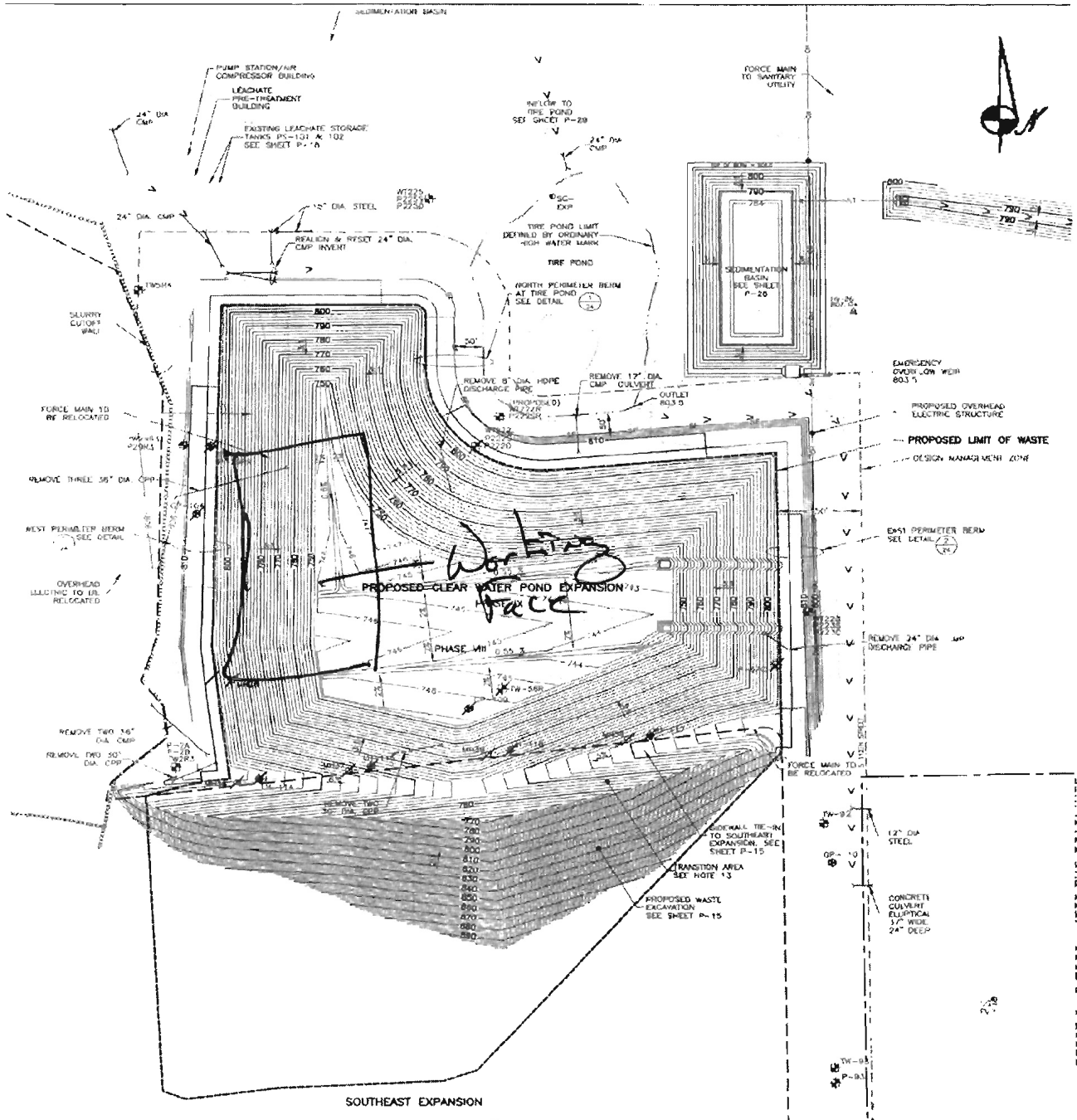


based off a 2003 Phase and Cover map



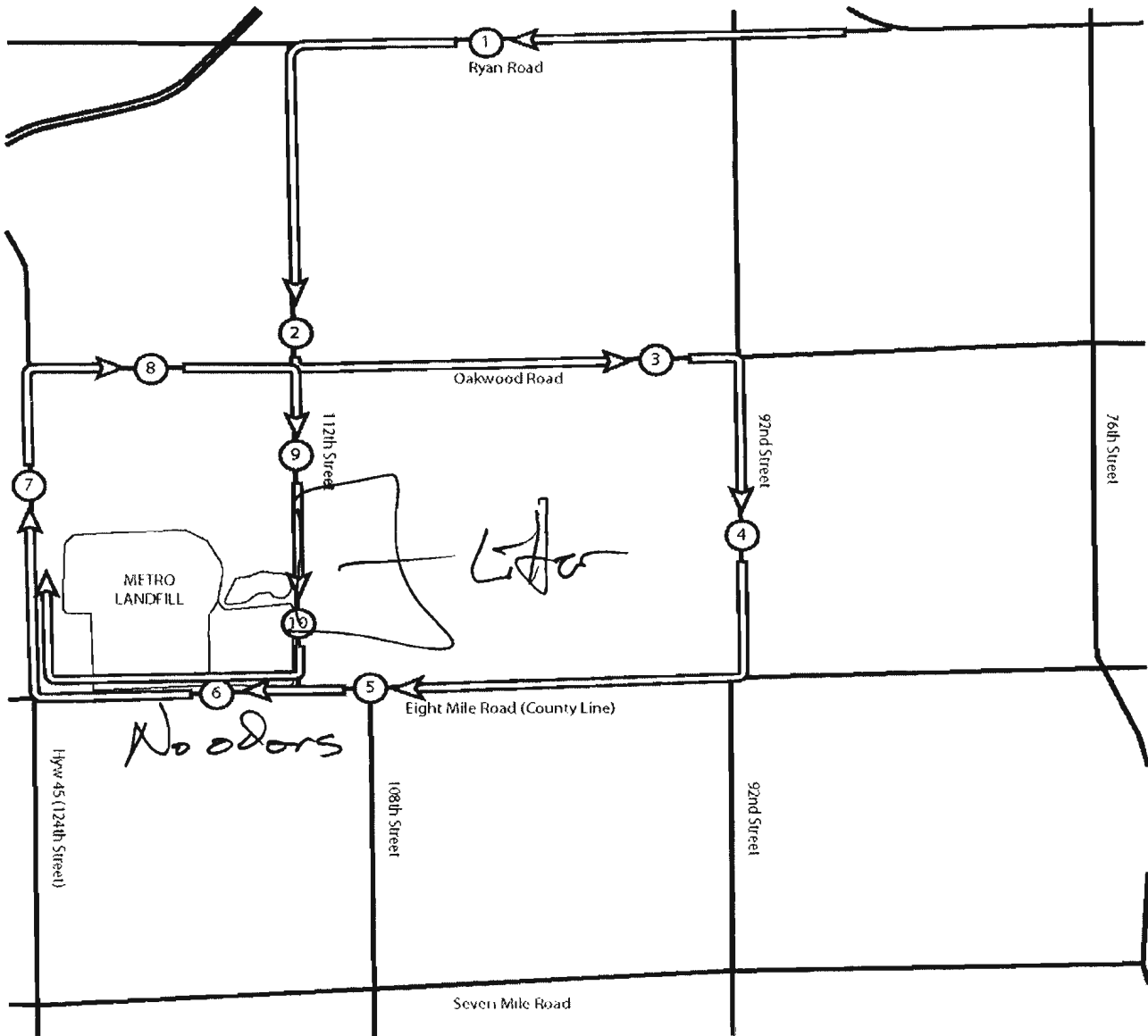
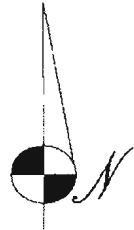
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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



Phase 9, East slope, eroded from last year.



Working face, larger than usual



Active area North of Working face



Gas header installation



Tarps prepared for placement over working face

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 05/09/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of April 28, 2014. The Audit was performed at 11:20 AM, on April 30, 2014 by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations** Audit:

- Working face in Southwest corner of Phase 9
- Consistent soil cover used throughout active area
 - One compactor, one excavator, one haul truck and one dozer in use during audit
 - Site soils and tarps used for cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - New collection lines in Phase 9 pulling more gas
 - Gas production approximately 2,645 cfm
- Three storm event since last audit; less than 2"
 - Ditches have low flow
 - Basins have adequate free board
 - Rills are plentiful
- No odors on or off-site
- No liquid loads
- Litter present on-site; clear off-site
 - Off-site litter cleared from neighboring properties
 - Three pickers working
- US 45 and 8-Mile Rd clean; site roads gritty
- Tipping scale camera and 3 equipment operators at work; no spotter

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Random load inspection on 4/17/14
- Average MSW tonnage 1,800 TPD
 - MSW -1,100 tpd
 - Demolition debris – 700 tpd
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
- New gas collection lines installed in Phase 9
- Cover restored in active area
- New equipment operator employed in April now permanent position
- Pole in place for additional tall litter fence; installation on-going

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

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 pathing
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 lowflow. Rile 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 Phase 9 cover restored about Active Area
- * New equipment operator employed in April, permanent position
- * Poles installed for additional "fall" litter fence installation ongoing.

Auditor's Signature

Auditor's Printed Name:

Management Signature:

Management Printed Name:

Management Title:

JSA Principal Signature

[Handwritten Signature]
Walter Spear, Jr.
[Handwritten Signature]
Travis Thorson
District Manager

Date: 4/30/14

Date: 2/30/14

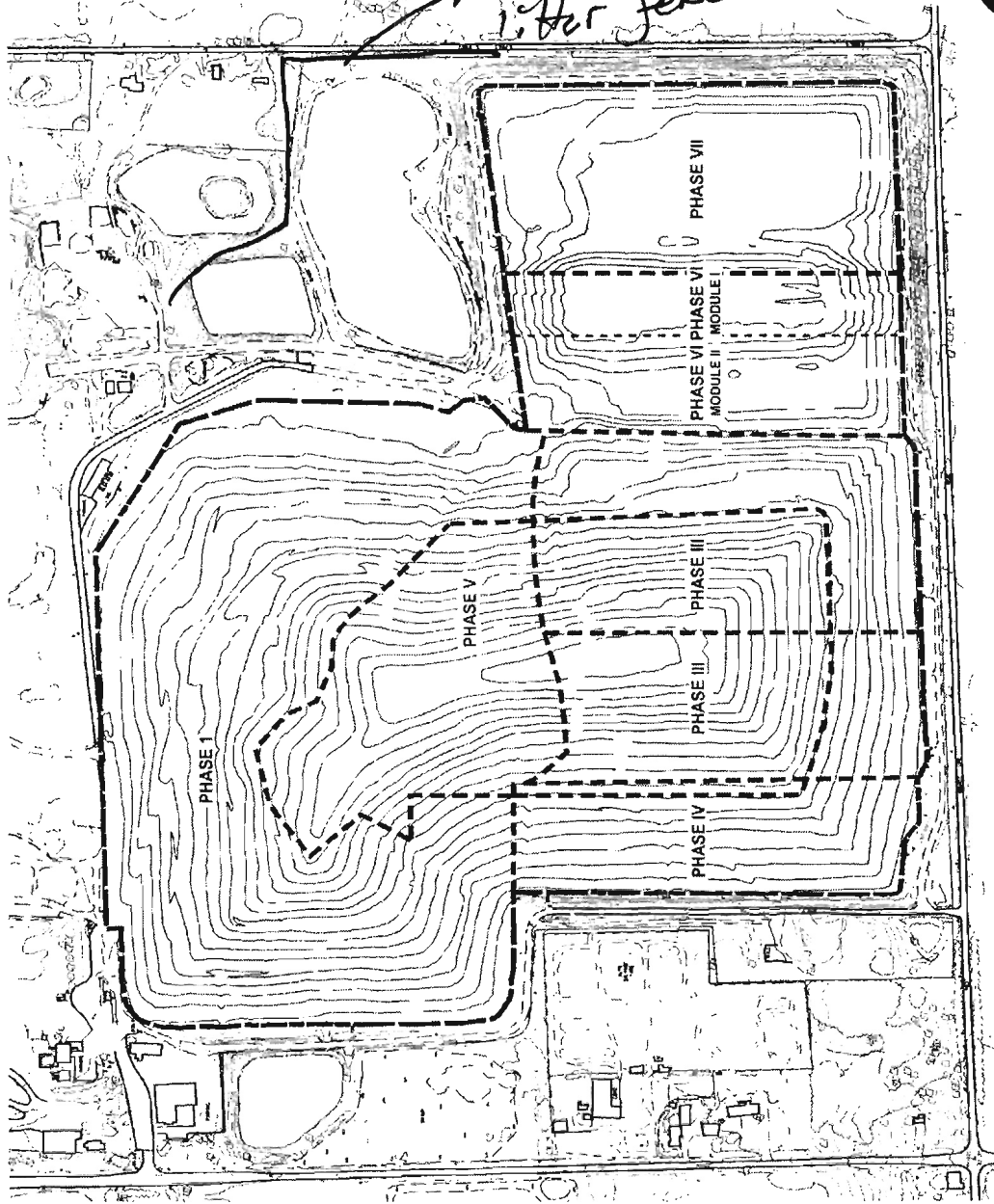
Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036-¹⁰⁰⁹⁹

*New top of
letter fence install*

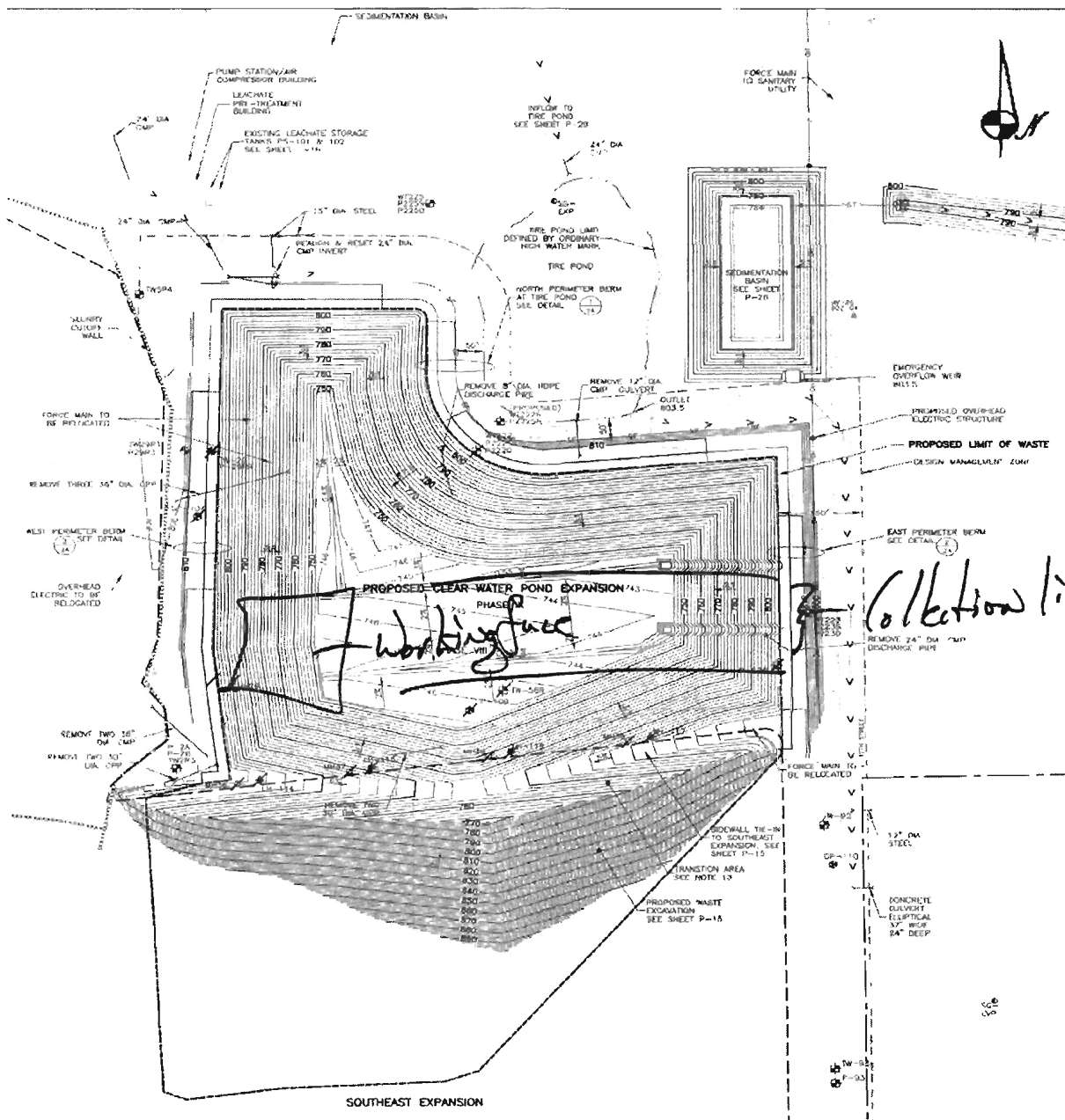


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

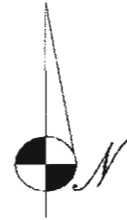
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 120 WEST VINE STREET
 MILWAUKEE, WI 53214-8908
CIVIL ENVIRONMENTAL ENGINEERS

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

May

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 06/27/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 12, 2014. The Audit was performed at 2:45 PM, on May 16, 2014 by Jo Spear Jr. in the presence of Daniel Otzelberger.

The following bullet items were developed from the **Operations** Audit:

- Working face in middle of South end of Phase 9
 - Daily cover from previous day in good condition
 - One compactor and one excavator in use during audit
 - Site soils and tarps used for cover
 - Phase 9 only active area
- All leachate discharging to MMSD; no recirculation
- No flares, No Turbines and 4 Engines in operation
 - Both turbines down
 - One for maintenance
 - Other out-of-service indefinitely
 - Gas destructed approximately 1250 cfm
- Two storm event since last audit; about 1"
 - Ditches empty
 - Basins have adequate free board
 - No restoration work, yet; Rills are plentiful
- No odors on or off-site
- No liquid loads
- Litter present on-site; clear off-site
 - Off-site litter greatly improved
 - Two pickers working

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- US 45 and 8-Mile Rd clean
- Tipping scale camera and 2 equipment operators at work; no spotter
- Random load inspection on 5/12/14
- Average MSW tonnage 1,800 TPD
 - No rejected loads
- Residential drop-off open during audit
 - Clean site
- Topsoil stockpiled on Phases 6&7 for summer cover use
- Tall litter fence installation around Phase 9 completed

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 May 16, 2014
 Auditor on site at: Open Close

TIME 2:45

WEATHER Overcast with some sun

WIND 0-5
 N 0 W

TEMP Maximum 47 °F Minimum 39 °F

B.P. 30.04

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
	Dozer						
1	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 south
end of Phase 9. Daily cover in good
condition from previous days placement
Phase 9 only working face location



Cover Material:

Soils and tarp for daily cover

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"/>	#	0
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#		1	
Destructed Volume:	#		1,250	cfm

Comments:

Both turbines down, one down for continued maintenance the other down indefinitely

D. Surface Water Management:

Storm Events Since Last	#	2	Est. Volume	21"
-------------------------	---	---	-------------	-----

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

Basins have freeboards ditches empty
No restorations worked yet

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"/>	# 2

Comments:

Litter Control greatly improved

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 & 84th Clear

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 checked="" type="checkbox"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	#	
Random Load Inspection Dates:						5/12/14
Average Tonnage:						

Comments:

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

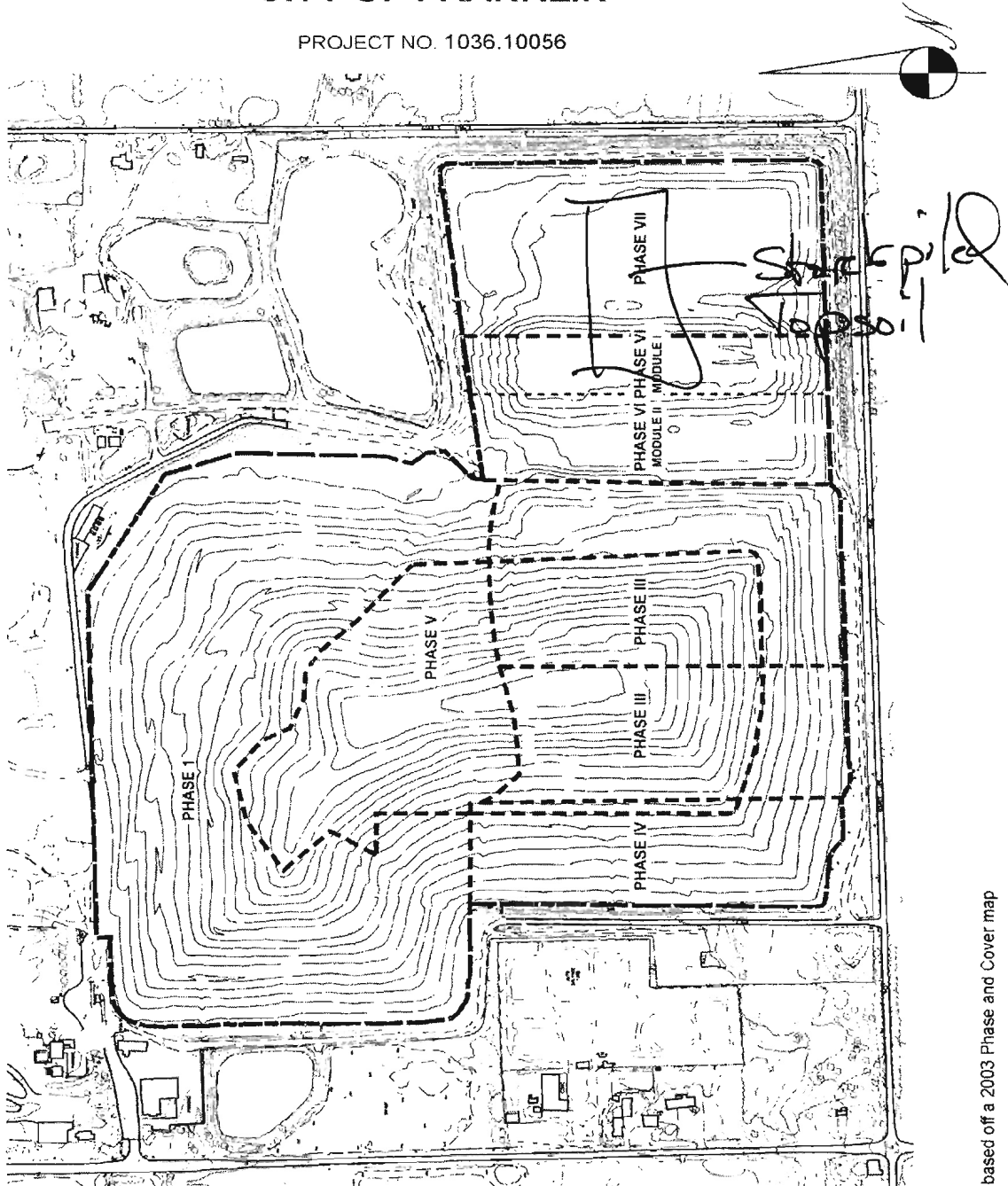
L. Residential Drop Open During Audit

Clean site



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

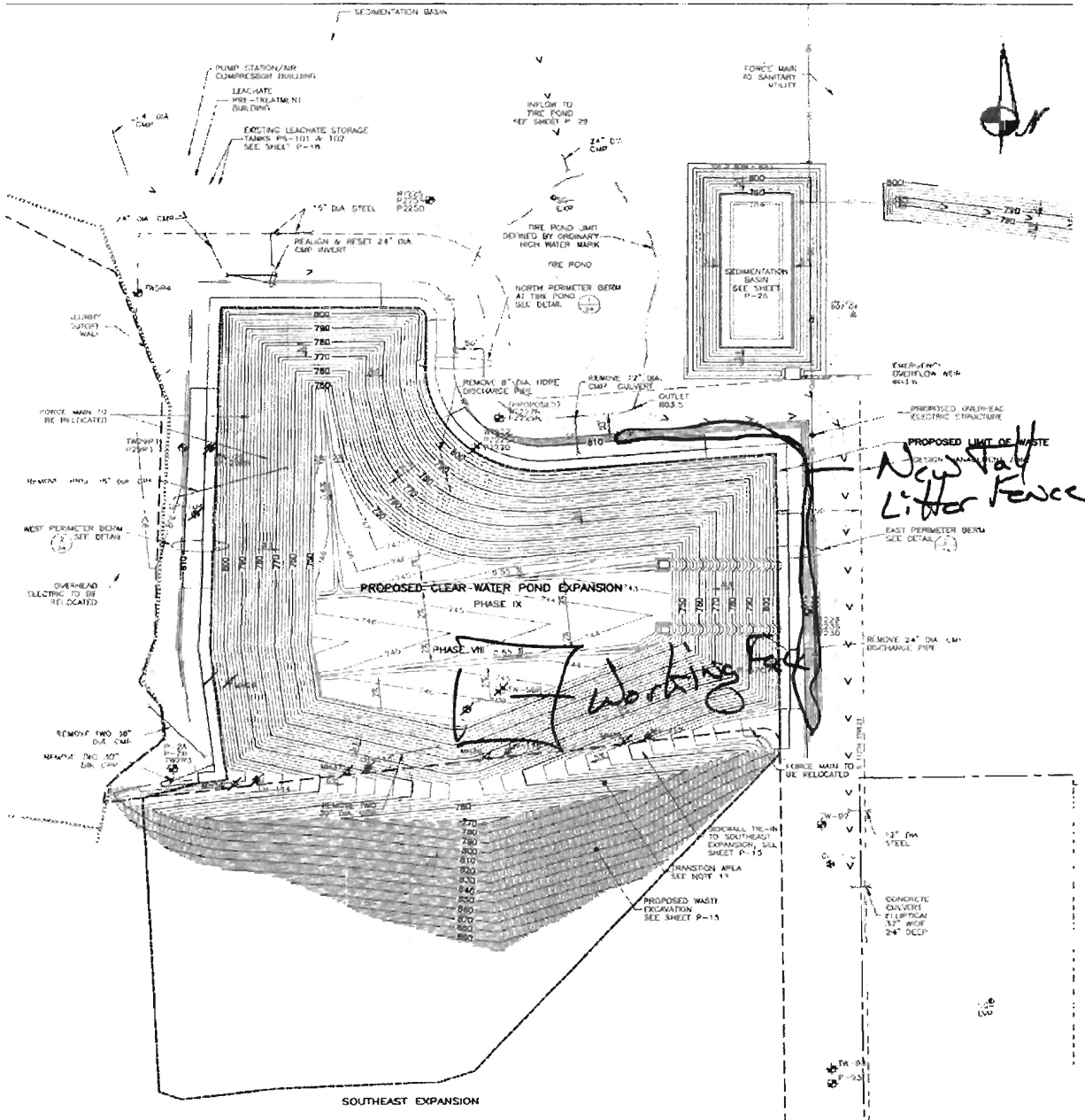


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

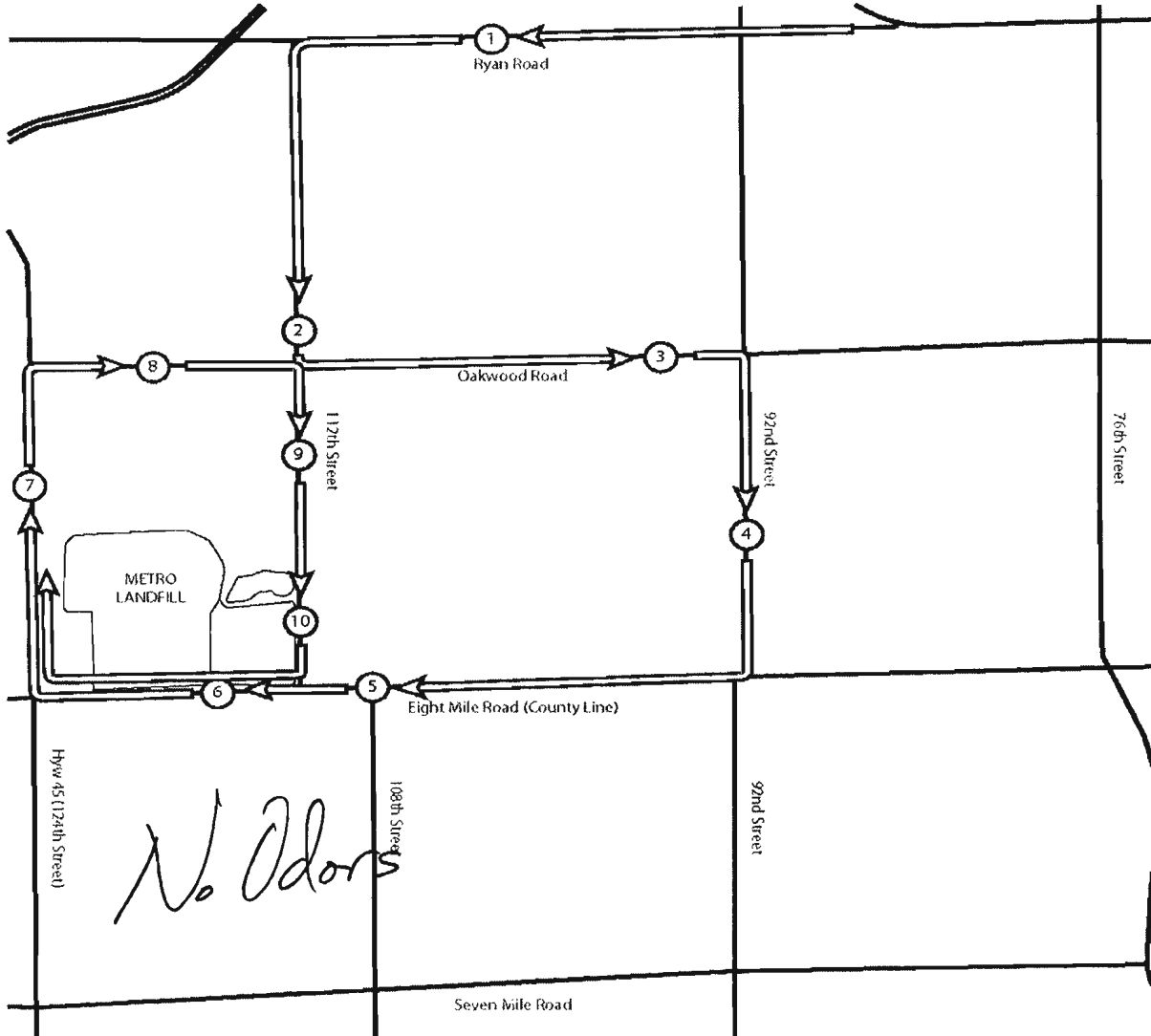
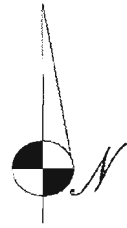
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 125 WEST VINCENNE STREET
 MILWAUKEE, WI 53212-5000
CIVIL ENVIRONMENTAL ENGINEERS

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



Topsoils stockpiled on Phase 6&7 for cover placement



Daily cover well placed



Active area viewed from the West

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 07/07/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 26, 2014. The Audit was performed at 1:30 PM, on May 30, 2014 by Jo Spear Jr. in the presence of Travis Thorson, District Manager

The following bullet items were developed from the **Operations** Audit:

- Working face in center of Phase 9
 - Fill is cresting above side slopes
 - All incoming trucks tipping in Phase 9
 - Soils and tarps used for daily cover
- One compactor, one dozer and one haul truck in service
 - One compactor in for repair
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One shut down since last audit
 - Work done on one engine this week
 - Gas production approximately 2,300 cfm
- Two storm event since last audit; less than 1”
 - Ditches are dry
 - Basins have plenty of free board
- Odors apparent on-site
 - Concentrated in active area
- Periodic liquid loads
- Litter present on-site; clear off-site
 - Pickers minding drop-off
 - Picking continuing on site

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- US 45 and 8-Mile Rd clean; site roads gritty, some dust
- Tipping scale camera and equipment operators at work; no spotter
- Random load inspection on 5/27/14
- Average MSW tonnage 1,600 TPD
 - Soil load expected next week
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
- Active area well covered
- Soil stockpile for cap construction nearly complete

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- US 45 and 8-Mile Rd clean; site roads gritty, some dust
- Tipping scale camera and equipment operators at work; no spotter
- Random load inspection on 5/27/14
- Average MSW tonnage 1,600 TPD
 - Soil load expected next week
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
- Active area well covered
- Soil stockpile for cap construction nearly complete

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 May 30, 2014
 Auditor on site at: Open Close

TIME 1:30

WEATHER Clear, Sunny

WIND 0-10
 N E W

TEMP Maximum 75 °F Minimum 48 °F B.P. 30.23

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Compactor						

A. Working Face Size and Location:

Working face in Middle of Phase 9, Cresting
above side slopes. All tipping
occurring in Phase 9.



Cover Material:

Soils & 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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	1		
Destructed Volume:	#	2,300	cfm	

Comments:

Head work on one engine this week

D. Surface Water Management:

Storm Events Since Last	# 2	Est. Volume	71"
-------------------------	-----	-------------	-----

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

Basins have plenty of freeboard and ditches are dry

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: Odors about Active area only

F. Liquid Loads Recieved:

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"/>	#

Comments:

Pickers working drop off and picking litter

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 Roads Clean, Site roads gritty with some dust

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"/>	#	
Spolter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						5/27/14
Average Tonnage:						4,600 TPD

Comments:

Soil load expected for next week

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Drop off clean



L. Other Comments:

* Native Area well covered

* Soil stock pile for Cap Construction nearly complete

Auditor's Signature:

J. Walter Spear, Jr.

Date:

5/30/14

Auditor's Printed Name:

J. Walter Spear, Jr.

Management Signature:

Travis Thorpe

Date:

5/30/14

Management Printed Name:

Travis Thorpe

Management Title:

DM

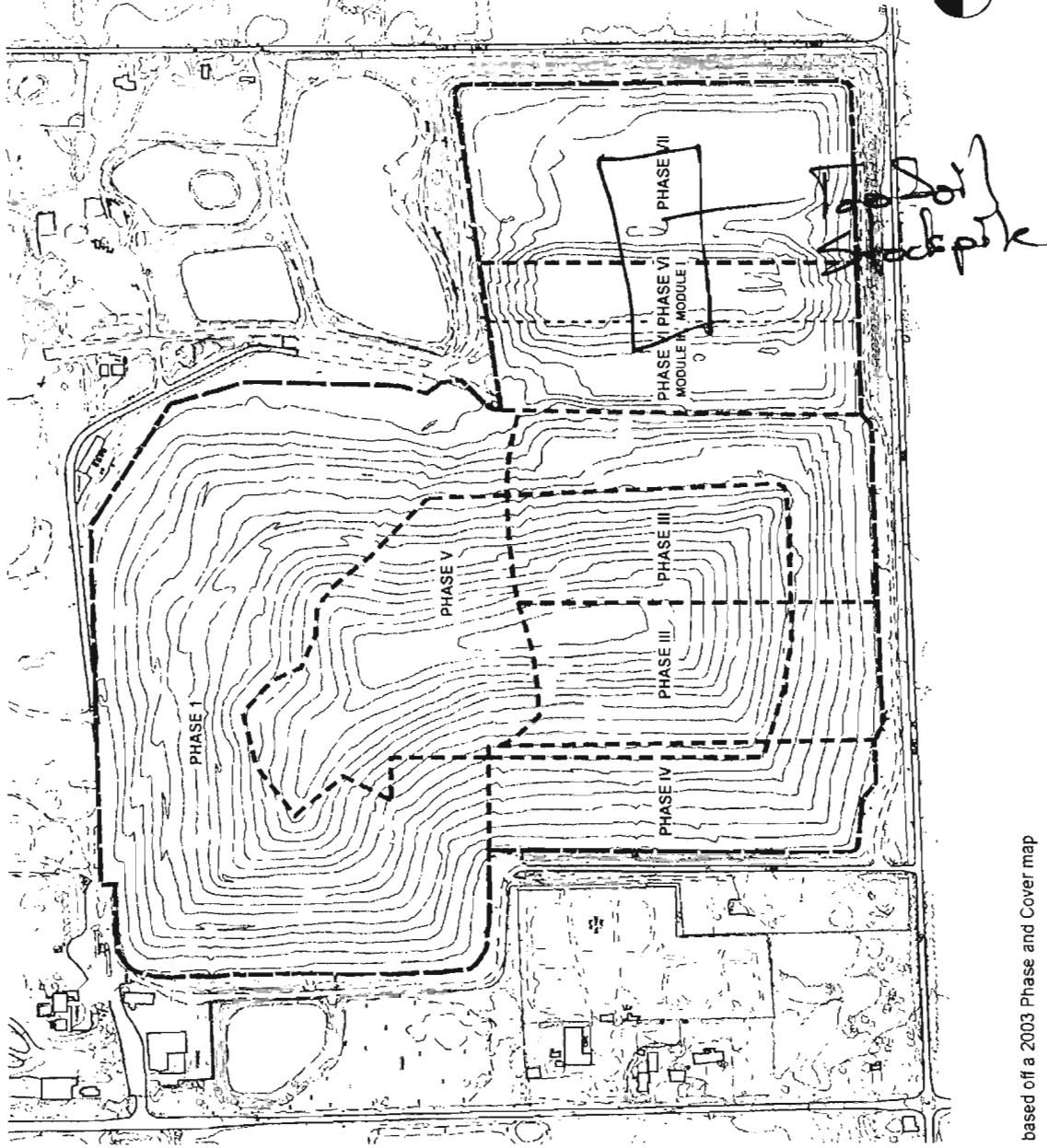
JSA Principal Signature

Date:



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

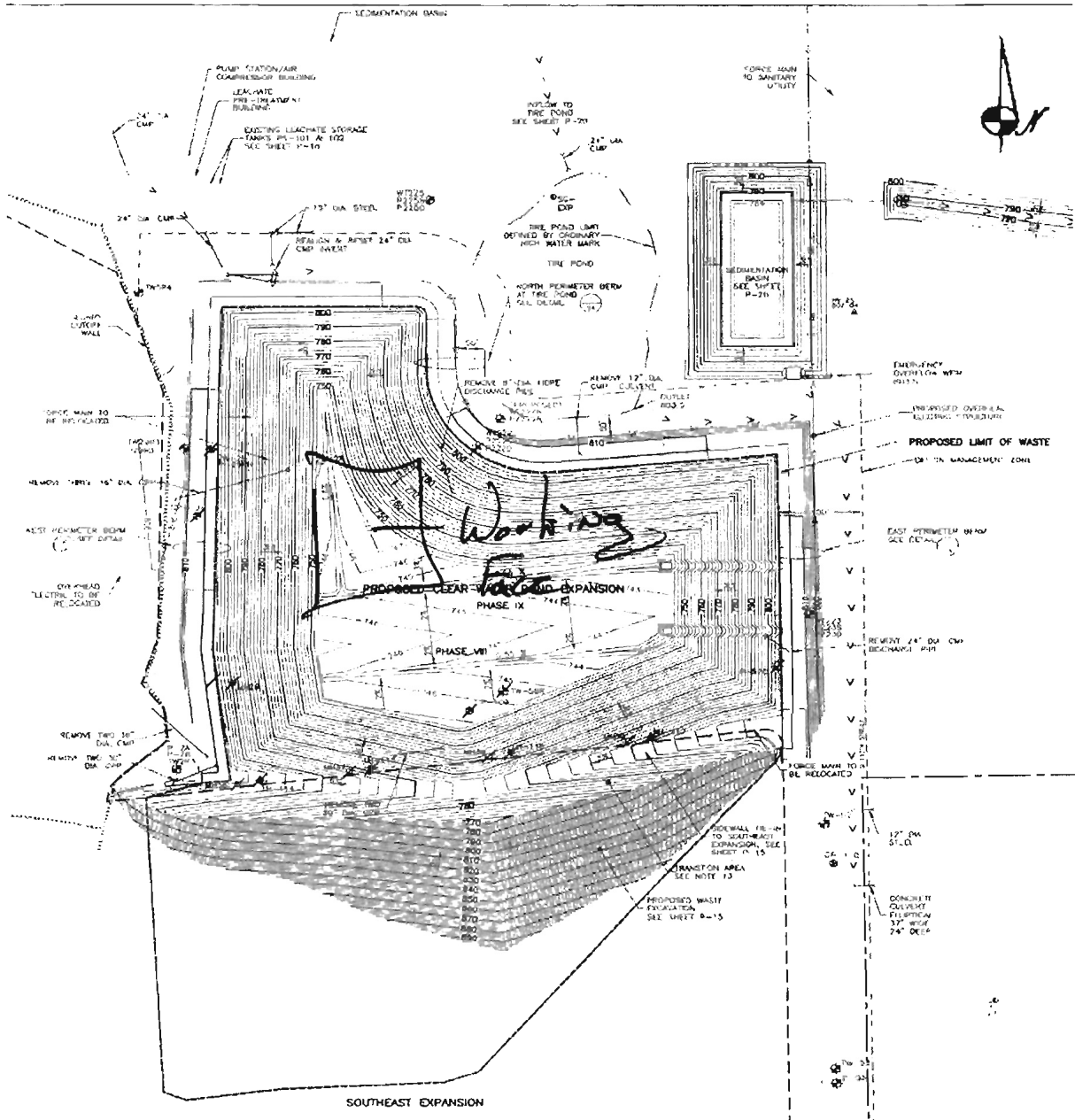


based off a 2003 Phase and Cover map



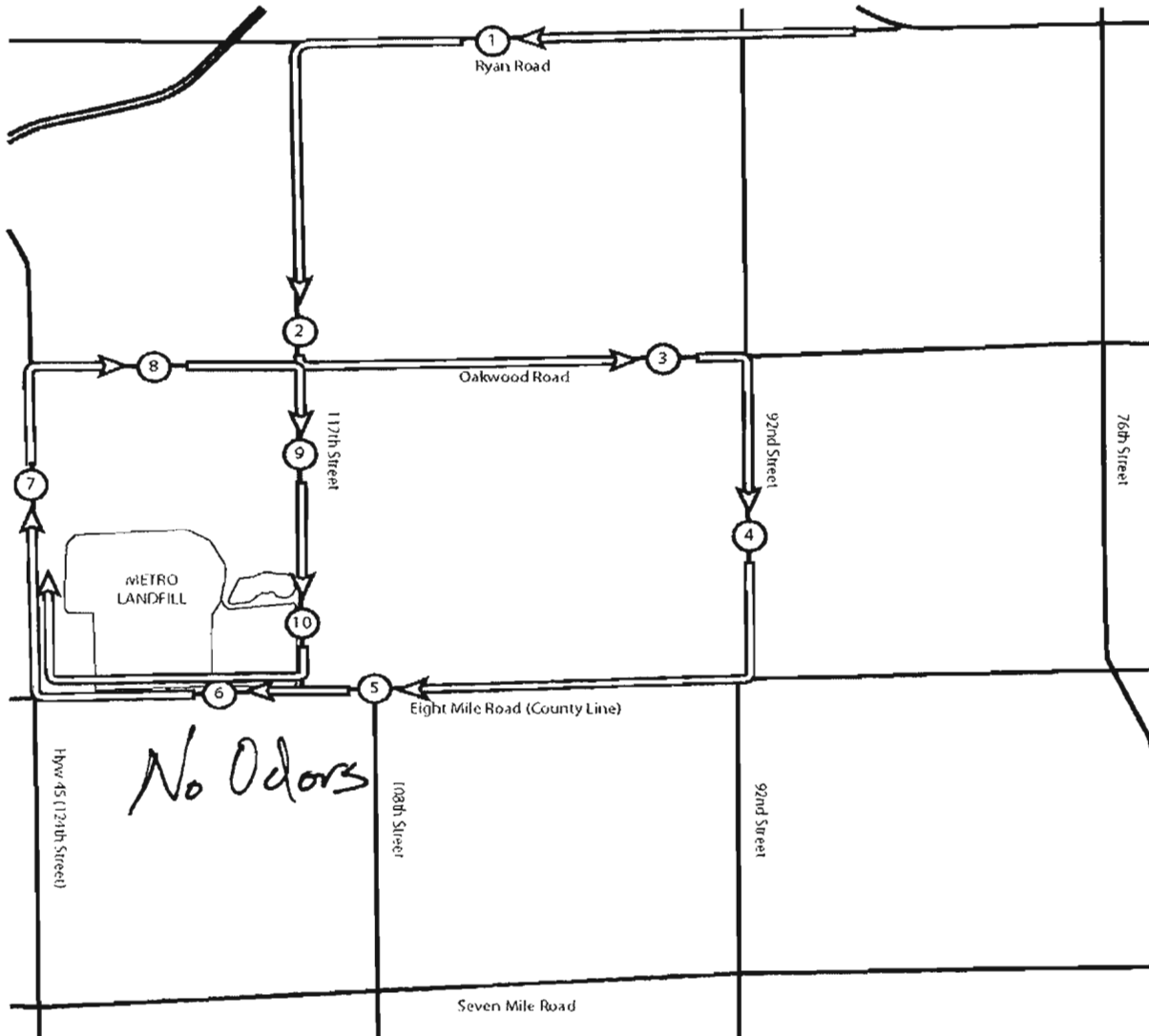
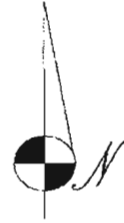
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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



Working face wrapping around North end of Phase 9



South end of Phase 9



North end of Phase 9



Working face in Phase 9, along North boundary

June

MEMORANDUM

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 07/15/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 9, 2014. The Audit was performed at 12:30 PM, on June 13, 2014 by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

The following bullet items were developed from the **Operations** Audit:

- Working face starting new lift in Phase 9
 - Working from North to South
- Previous days cover is in good shape
 - One compactor, one excavator, two haul trucks and one dozer in use during audit
 - Site soils, excavated from borrow area, used for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine inoperable; in need of major repair
 - One shut down since last audit
 - Gas production approximately 2,400 cfm

- One storm event since last audit; less than 2"
 - Some ponding in active area
 - Ditches and basins have adequate free board

- Garbage odor off-site on 112th Street odors on or off-site
- Periodic liquid loads
- Litter present on-site; clear off-site
 - Litter in ditches on North side of Phase 9

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

MEMORANDUM

- Two pickers working
- US 45 and 8-Mile Rd clean; site roads dusty

- Tipping scale camera and 2 equipment operators at work; no spotter
- Random load inspection on 6/3/14
- Average tonnage 1,400 TPD
 - MSW only coming in
 - Demolition debris – 700 tpd
 - No rejected loads

- Residential drop-off open during audit
 - Area clean
 - Boxes about ½ full

- Construction to prepare for closing of 2014 composite cover begun during first week of June
- New Berlin Grading performing construction

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 June 13, 2014

TIME 12:30

Auditor on site at: Open Close

WEATHER Some clouds, clear, & sunny

WIND S-10
N S E W

TEMP Maximum 73 °F Minimum 51 °F B.P. 29.97

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face starting new lift across from North to South. Previous days of cover in good shape.



Cover Material:

Site soils, actively being excavated from borrow area

B. Leachate Management:

Discharge to MMSSD

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
Engines in	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	#		1			
Destructed Volume:	#		2,100		cfm	

Comments:

One turbine down for major repair

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	21"
-------------------------	---	---	-------------	-----

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

Some ponding on Active Area, ditches & drains have adequate free board

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Garbage odor off site on 112th Street

Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input checked="" 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 in ditch on North Side of Phase 9

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

Up to 1/2 mile road clean, 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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	6/3/2014					
Average Tonnage:	1,400 TPD					

Comments: Mow Only

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

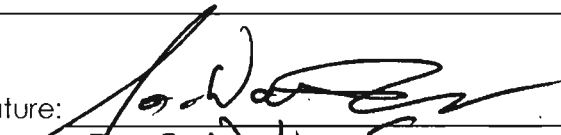
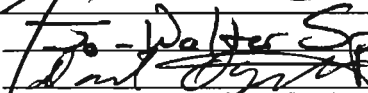
L. Residential Drop Open During Audit

Site clean boxes ~ 1/2 full



L. Other Comments:

* Construction of Closing of 2014 Composite
Cover began First Week of June
* New Berlin ~~Excavations~~ ^{Grading} performing
Construction Project.

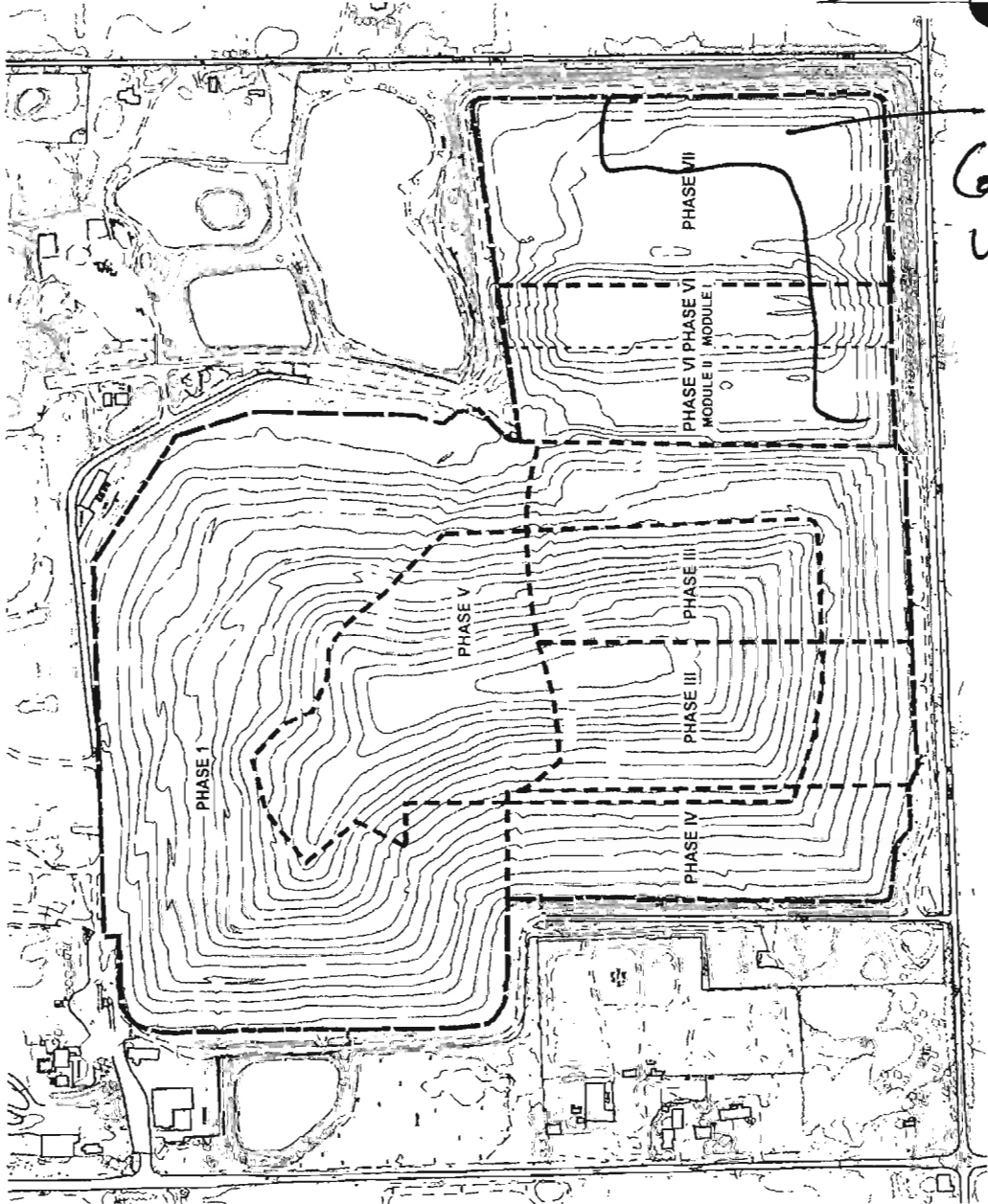
Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear, Jr.
Management Signature: 
Management Printed Name: Daniel Otzelberger
Management Title: Site Engineer
JSA Principal Signature _____

Date: 6/13/14
Date: 6/13/14
Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



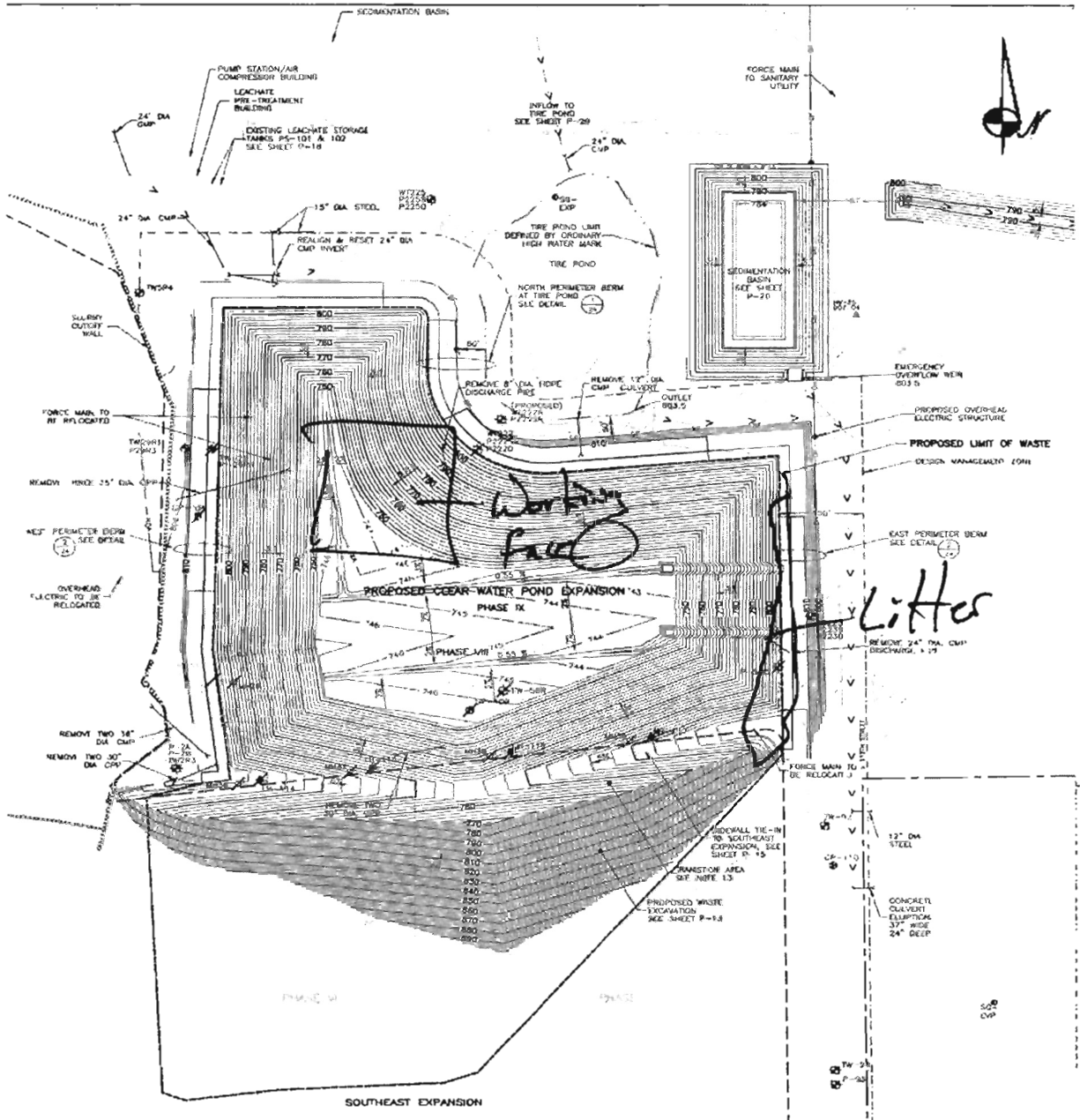
*2004
Composite Cover
Work*

based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

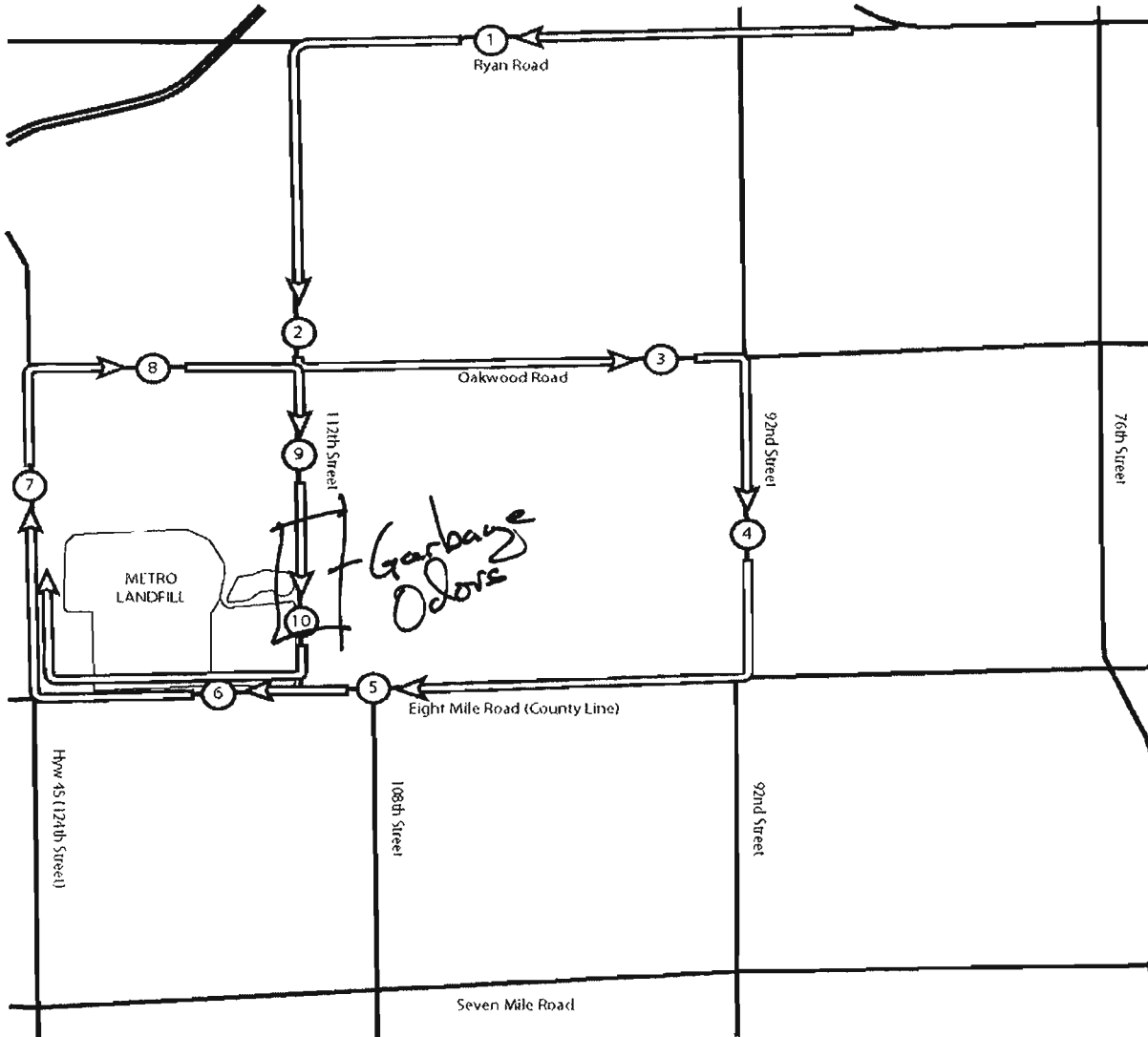
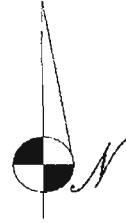
PROJECT NO. 1036.10056



J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53213-3906
CIVIL ENVIRONMENTAL ENGINEERS

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



Borrow area in use for materials for cover project and daily cover



South end of Phase 9



Active area



Working face placement in Northeast corner of Phase 9



Active area viewed from the East



Cleaned ditch line along South slope of Phase 6 & 7



Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 07/31/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 23, 2014. The Audit was performed at 3:15 PM, on June 25, 2014 by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

The following bullet items were developed from the **Operations** Audit:

- Working face in Northwest corner of Phase 9
 - New lift started with clay berm at edge of phase 9
 - No active faces outside of Phase 9
- Soils from contractor work used for cover
 - One compactor and two dozers in use during audit
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One shut downs since last audit
 - One turbine will be out for rest of the summer
 - Gas production approximately 2,555 cfm
- Four plus storm event since last audit; approximately 2"
 - Ditches have been cleared and appear adequate
 - Basins have adequate free board
- Odor noticeable on site
 - Odors concentrated near working face
- Periodic liquid loads
- Litter present on-site; clear off-site
 - Minimal litter on site; not an issue
 - One picker working
- US 45 and 8-Mile Rd clean; site roads damaged by stormwater
- Tipping scale camera and 3 equipment operators at work; no spotter
- Random load inspection on 6/23/14
- Average MSW tonnage 1,800 TPD
 - Mix of MSW and Bio Soils
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
- Cap work slowed by rain events
- Slopes have been prepared for repairs to settled area and prepped for final grade

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE June 25, 2014
 Auditor on site at: Open Close

TIME 3:15

WEATHER Overcast, rain on & off

WIND No Wind
 N S E W

TEMP Maximum 67 °F Minimum 54 °F

B.P. 30.02

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

NO.	DESCRIPTION	Rented	Contracted	NO.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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 Northwest corner of Phase 9. New lift started with clay beam at foot print of Phase 9
No working faces outside of Phase 9



Cover Material:

Soils hauled by contractor

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	1		
Destructed Volume:	#	25,55	cfm	

Comments:

Turbine down for repairs all summer

D. Surface Water Management:

Storm Events Since Last # 4+ Est. Volume 2"

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

Basins have free board, and ditches are cleaned

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Mild odors about working face

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	<i>Minimal</i>
Litter Present Offsite:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# <i>1</i>

Comments:

Litter not an issue

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 damaged by over tapping

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"/>	#	<i>3</i>
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	<i>6/25/14</i>			
Average Tonnage:	<i>1,800 TPD</i>			

Comments:

MSW & Bio Soil

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

L. Residential Drop Open During Audit

Site Clean.



L. Other Comments:

* Cap work slowed by rain events
Slopes prepared for settlement repair
and bringing slopes to final
waste grades with clay.

* Contractor hauling daily cover during
audit

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

Date: 6/25/14

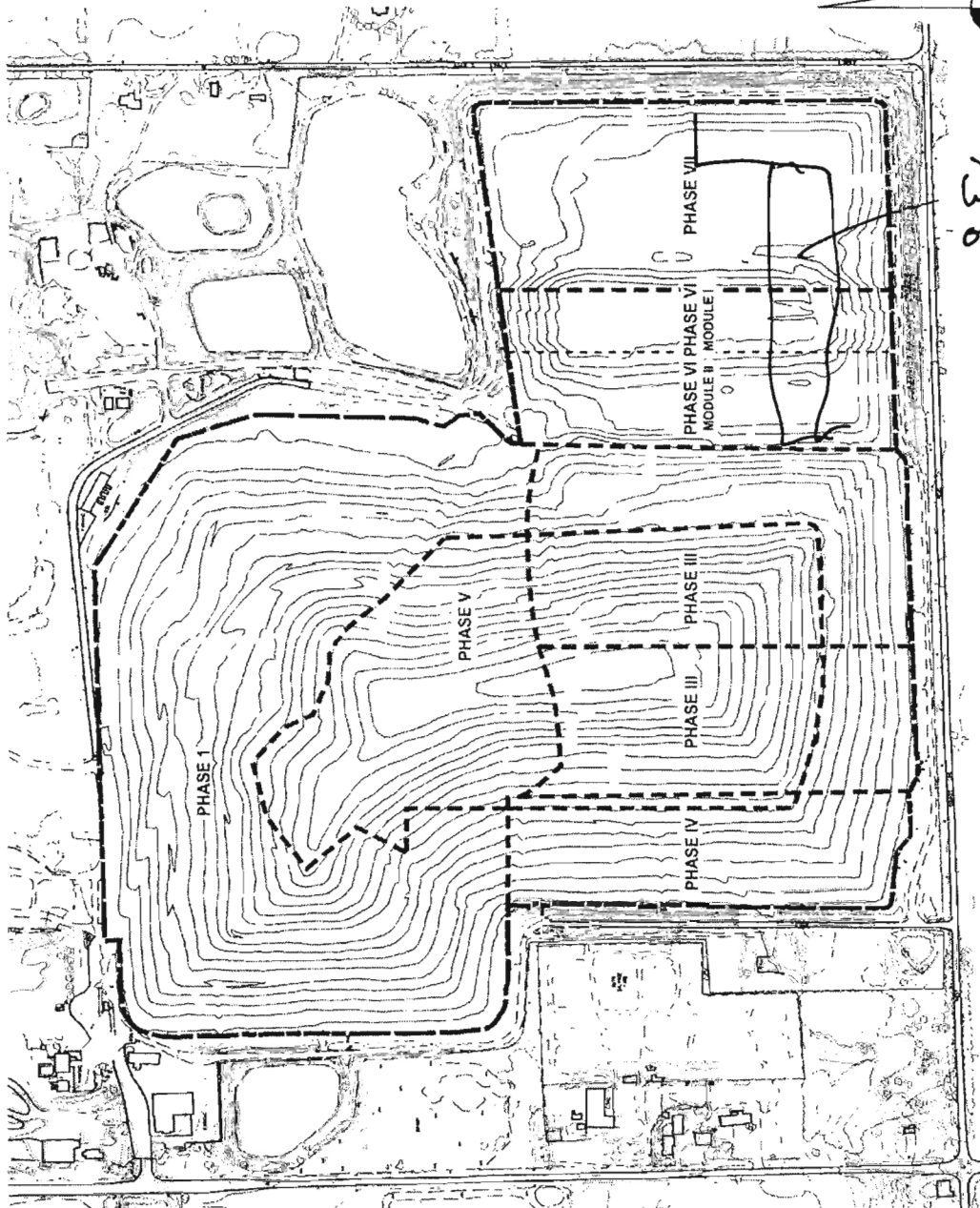
Date: 6/25/14

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



Working on Waste Grades

based off a 2003 Phase and Cover map

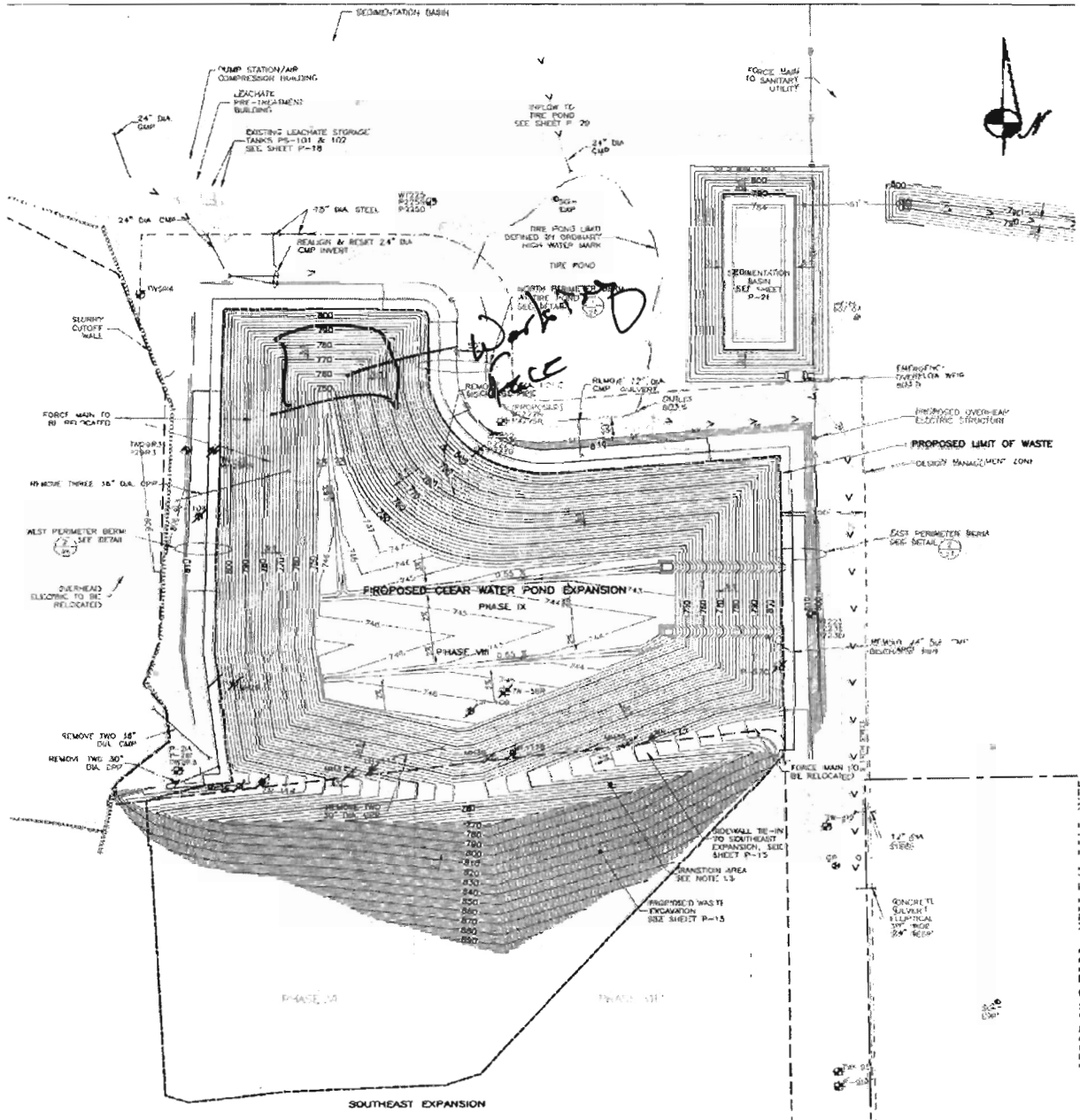


J SPEAR ASSOCIATES
325 WEST VINE STREET
MILWAUKEE, WI 53213-3606

**CIVIL ENVIRONMENTAL
ENGINEERS**

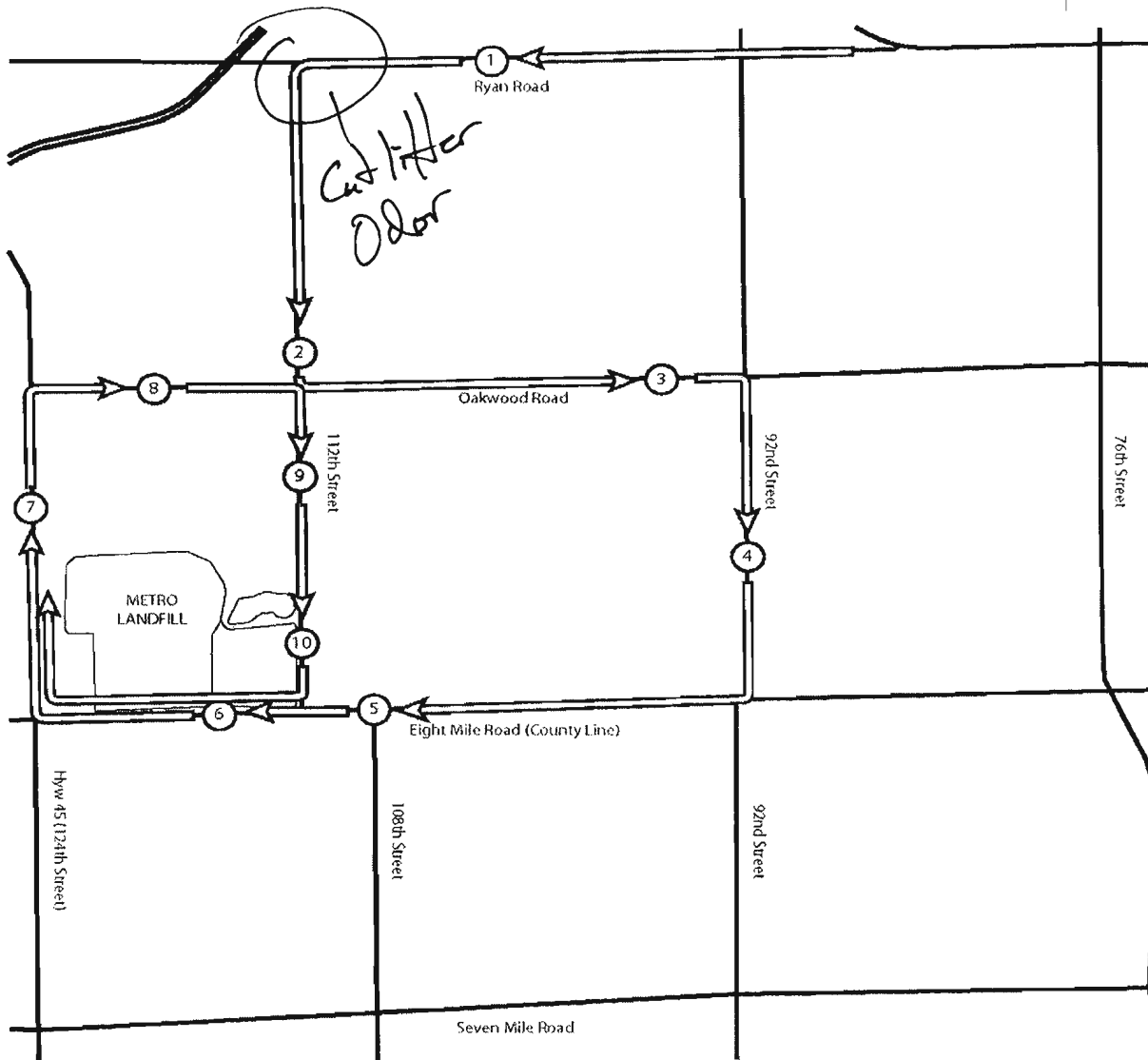
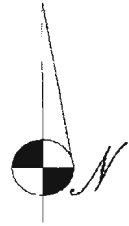
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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



Active area



Phases 6 & 7, soil to be used on final cover.



Active area

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.

July



Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 07/31/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of July 15, 2014. The Audit was performed at 1:10 PM, on **July 13, 2014** by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations** Audit:

- Working face in middle of Phase 9
 - Phase 9 completely crested
- Landfill direct soils being used as cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - Gas destruction 2,600 cfm
- Several storm events since last audit, ~3" or more total rainfall
 - Evidence of road flooding and ponding, no additional erosion damage
- Garbage odors on and off site
- Periodic Liquid loads
- No litter on or off site
 - One active litter picker
- US 45 and 8-Mile Rd clean; site roads gritty
 - Contractor sweeping roads during audit
- Tipping scale camera and 3 equipment operators at work; no spotter
- Random load inspection on 7/14/14
- Average MSW tonnage 2,600 TPD
 - Waste being tipped is a mix of MSW, Landfill direct soils, and Special Wastes
 - No rejected loads
- Residential drop-off open during audit
 - Metals box full
 - Area clean
- All wastes being placed in Phase 9; all other phases are closed or in closure
- Recycling yard, North of office, being brought to grade and out structures being removed; not large steel warehouse
- Construction activities
 - New Berlin Construction placing final cover on Phases 6 & 7
 - Soils being used from borrow area

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI – METRO LANDFILL
 LANDFILL OPERATIONS AUDIT FORM
 CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE July 15, 2014
 Auditor on site at: Open Close

TIME 1:10

WEATHER Clear Sunny, with some clouds

WIND 10-15
 N S E W

TEMP Maximum 71 °F Minimum 51 °F

B.P. 30.20

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	Service Truck	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face is middle of Phase 9. Phase completely
created with the raise left starting in the Northwest
corner.



Cover Material:

Landfill direct and other soils

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
Engines in	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	0				
Destructed Volume:	#	2,600		cfm		

Comments:

1 Turbine down for continued maintenance

D. Surface Water Management:

Storm Events Since Last

#

Est. Volume

2.3"

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

Evidence of road flooding and ponding in parking lot. No new erosion.

E. Odor Control:

Odors Present:

Onsite



Offsite



Notes on odor monitoring page



Comments:

Garbage odor on East edge of Phase 9

F. Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input type="checkbox"/>	NO	<input checked="" 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 minimal

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 & B Mile being swept during audit

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:	<i>7/14/14</i>				
Average Tonnage:	<i>2,600</i>				

Comments:

Mix of MSW & Special Waste and landfill direct

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

L.

Residential Drop Open During Audit

Metal box full, site clean



L. Other Comments:

* All waste being placed in Phase 9. All other phases under closure
* Recycling yard being cleared and brought to grade.

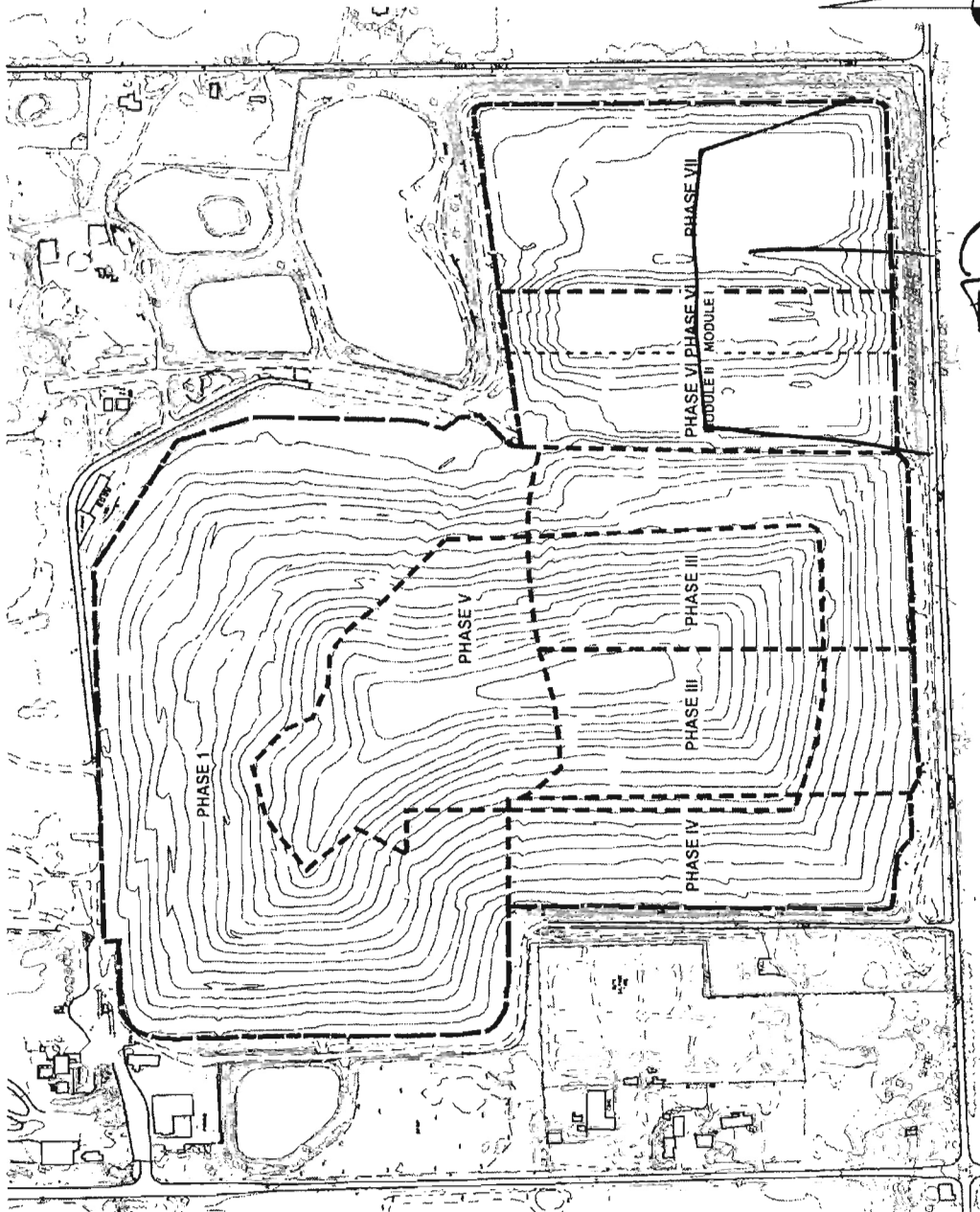
Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Sped, Jr
Management Signature: [Signature]
Management Printed Name: Travis Thorsen
Management Title: District Manager
JSA Principal Signature _____

Date: 7/15/14
Date: 7/15/14
Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



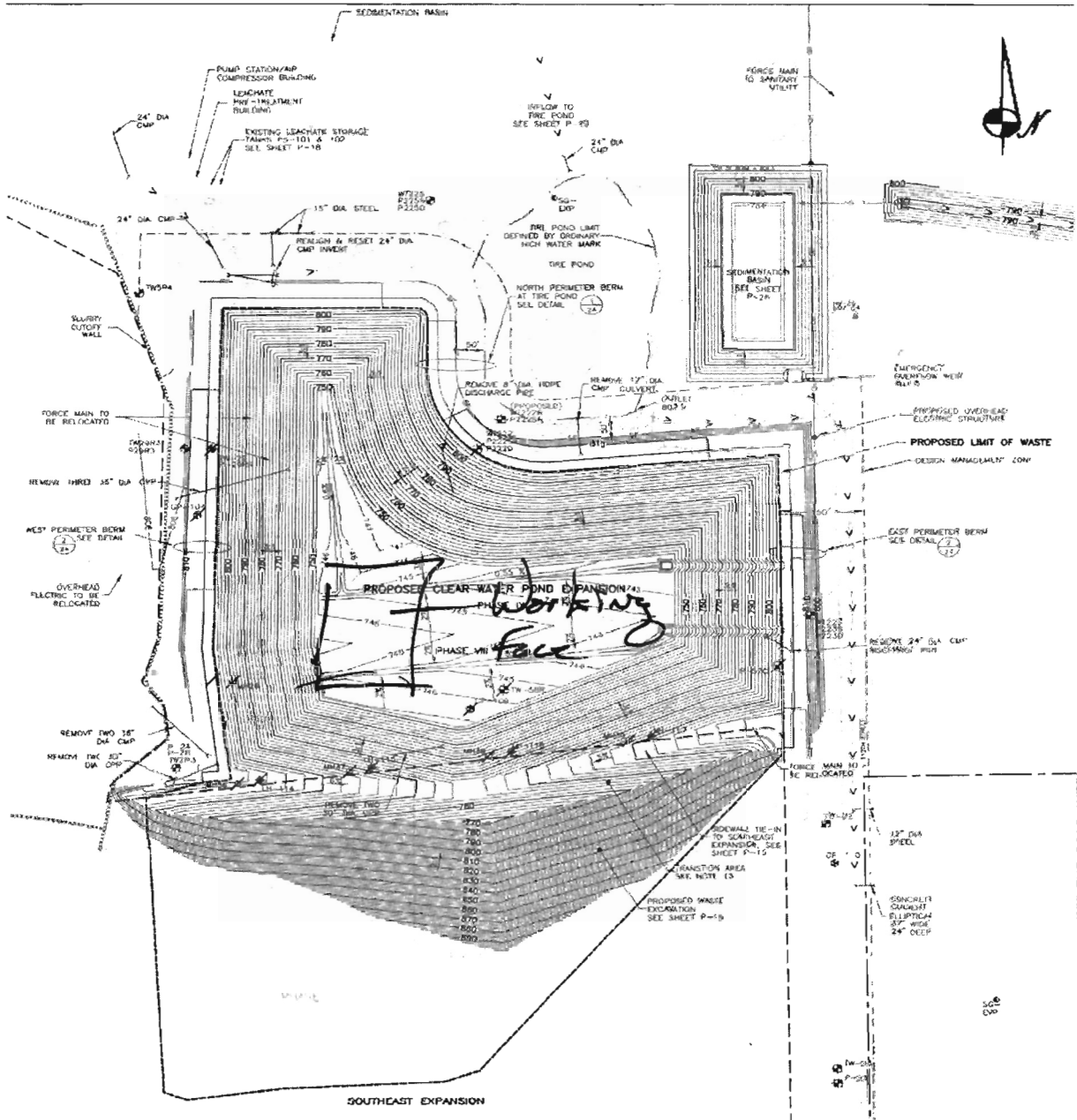
Closure Placement

based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

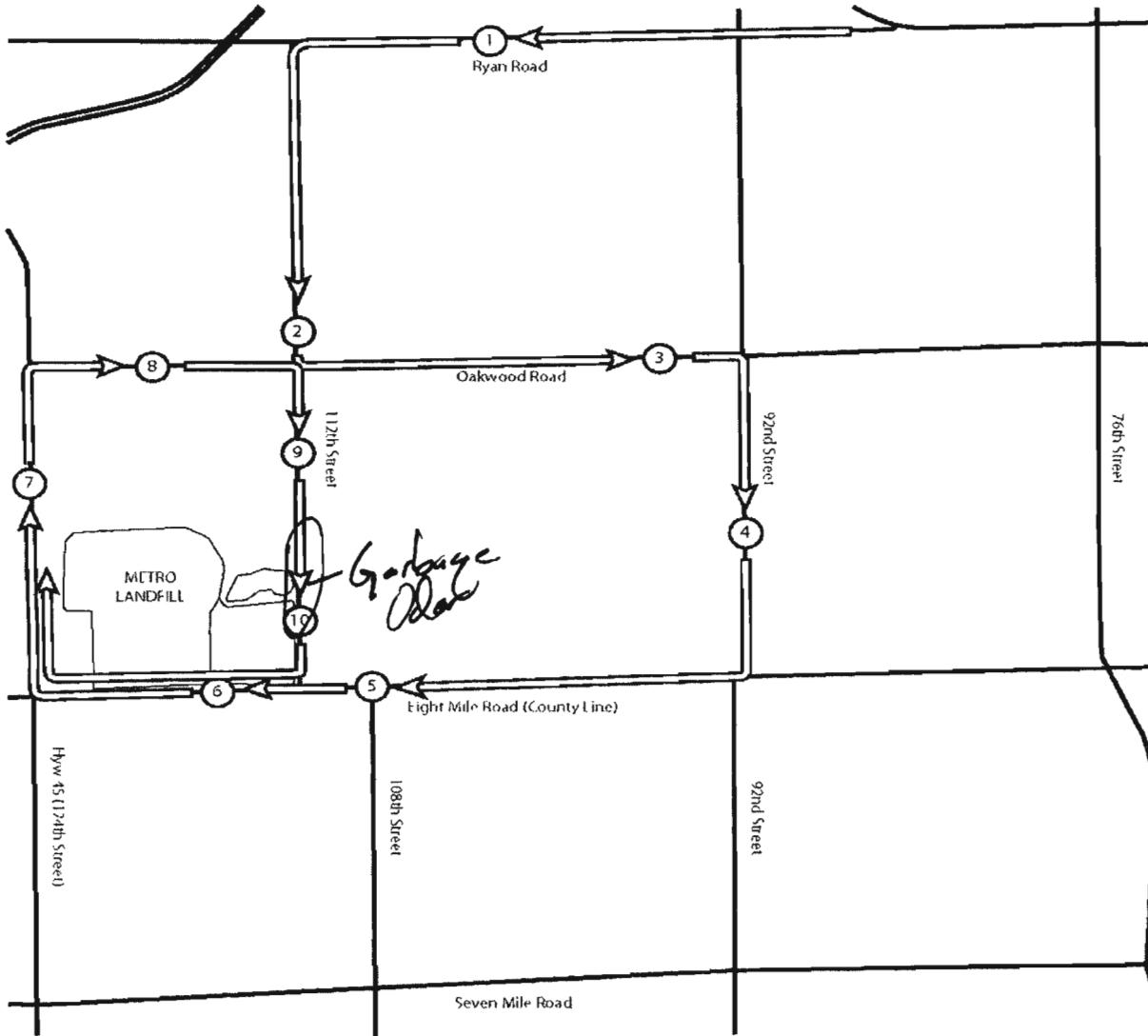
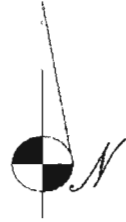
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 1225 WEST VINE STREET
 MILWAUKEE, WI 53212-2800
CIVIL ENVIRONMENTAL ENGINEERS

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI - METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE July 15, 2014

TIME 1:10

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

*1" of final cover placed and compacted
 ongoing placement slowed by rain*



B. Excavations / Soil Management:

Excavation of borrow area for soils

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1	WA	
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

Date: _____

Date: _____



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Active area



Working face in middle of Southern portion of active area.



Northern portion of Active Area



Active area viewed from the North



Active area viewed from the East

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.



Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 07/31/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of July 20, 2014. The Audit was performed at 3:00 PM, on **July 24, 2014** by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations** Audit:

- Working face in middle of Phase 9
 - Cover in excellent condition
- Landfill direct soils being used as cover, excavated from Phase 9; also tarps
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shut downs since last audit
 - Gas destruction 2,500 cfm
- One storm events since last audit, <1" total rainfall
 - Basins draining
- No odors on or off site
- Periodic Liquid loads
- No litter on or off site
 - One active litter picker
- US 45 and 8-Mile Rd clean; site roads wetted down during audit
 - 112th Street still dusty from clay washed off of site
- Tipping scale camera and 3 equipment operators at work; no spotter
- Random load inspection on 7/24/14
- Average MSW tonnage 1,700 TPD
 - Waste being tipped is a mix of MSW and Bio soils
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
- Site operators repaired site roads and cleared drainage ways outside of Phase 6 & 7
- Construction activities
 - Soil placement nearing completion
 - Gas well drilling planned for next week
 - Soils being excavated from borrow area

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 24, 2014
 Auditor on site at: Open Close

TIME 3:00

WEATHER Clear Sunny, Beautiful

WIND 0-5
 N E W

TEMP Maximum 74 °F Minimum 60 °F

B.P. 30.19

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
1	Excavator						
	Haul Truck						
1	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.
Cover in excellent condition.
Previously placed cover being excavated
and flipped on to new waste.



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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	#	None		
Destructed Volume:	#	2,500	cfm	

Comments:

1 Turbine down for long term maintenance

D. Surface Water Management:

Storm Events Since Last	#	1	Est. Volume	< 1"
-------------------------	---	---	-------------	------

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

Basins draining, ditches and road wet due to water truck operations

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input type="checkbox"/>	NO	<input checked="" 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:
 No litter or road conditions

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

les 45 of 8 Mile road clean
 112th Street dusty, site roads wetted

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:						7/24/14
Average Tonnage:						1,700 TPD

Comments:
 MOW of Bio Soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Site clean



L. Other Comments:

* Road repairs and drainage ways open.
Swales about ^{these} 637 feet of construction
but open.

Auditor's Signature:

[Handwritten Signature]

Date: 7/24/14

Auditor's Printed Name:

Jo-Walter Spear, Sr

Management Signature:

[Handwritten Signature]

Date: 7/24/14

Management Printed Name:

Travis Thomas

Management Title:

District Manager

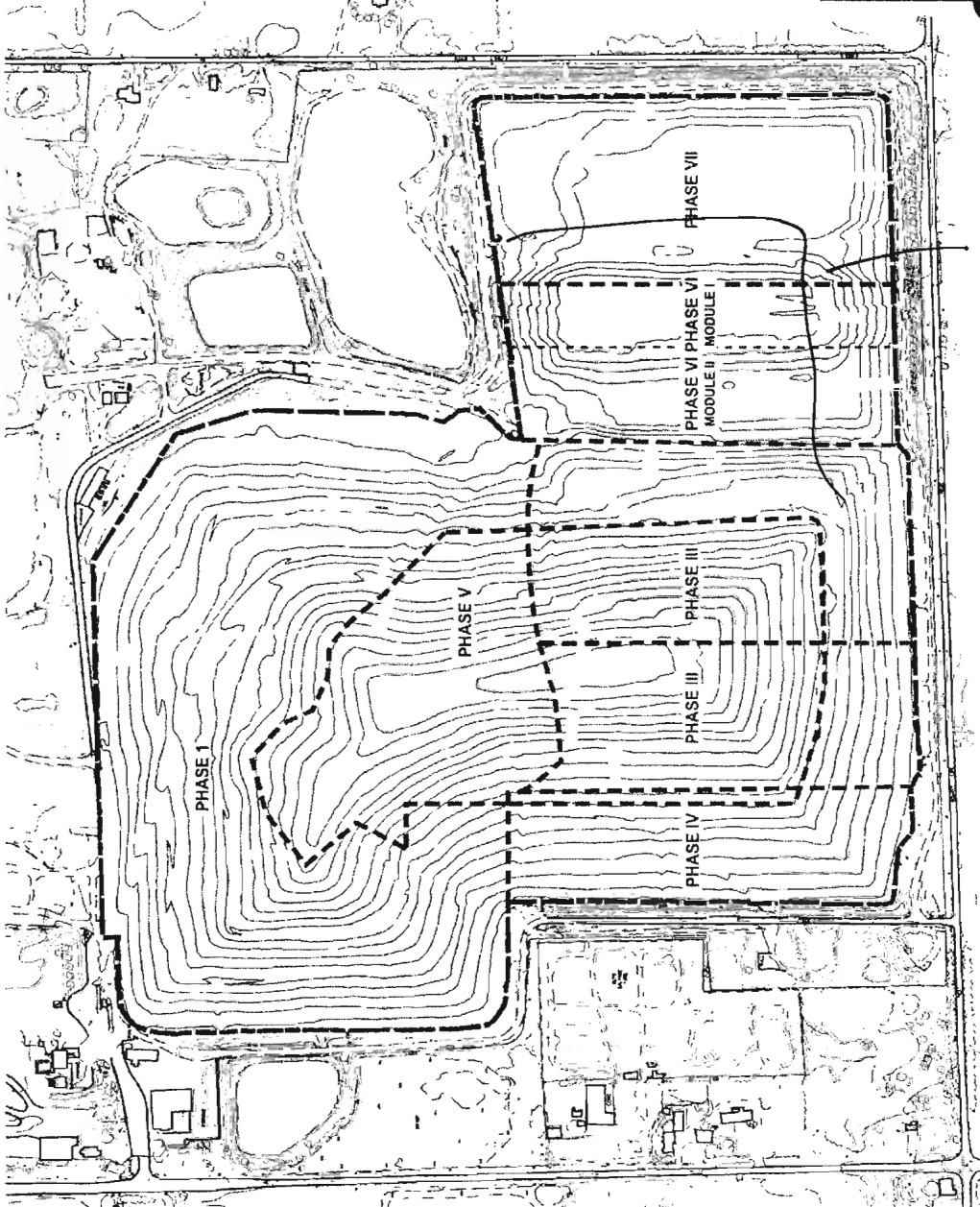
JSA Principal Signature

Date:



**WMWI - METRO LANDFILL
LANDFILL AUDIT MAP
CITY OF FRANKLIN**

PROJECT NO 1036.10056



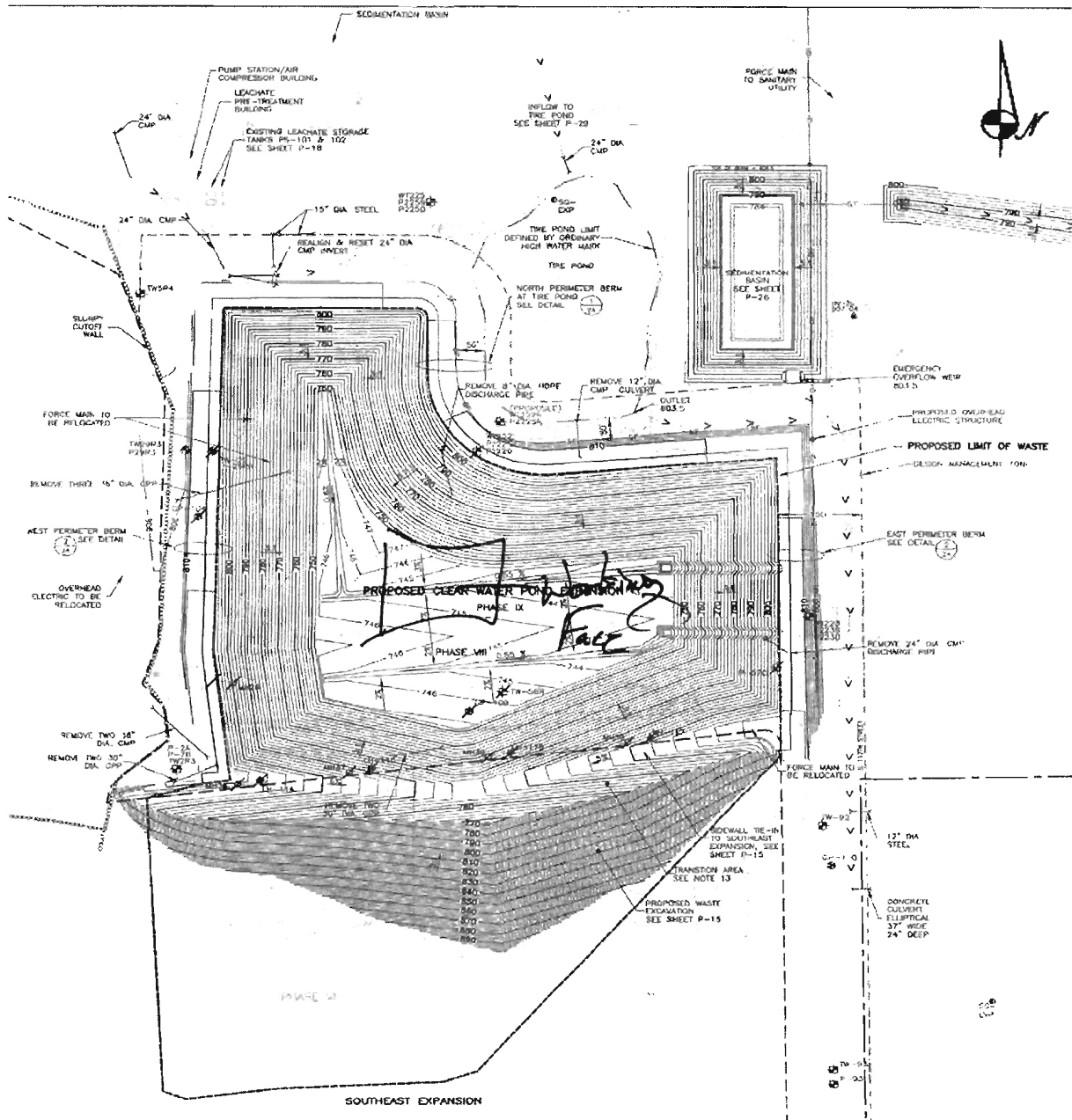
Cover Project

based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

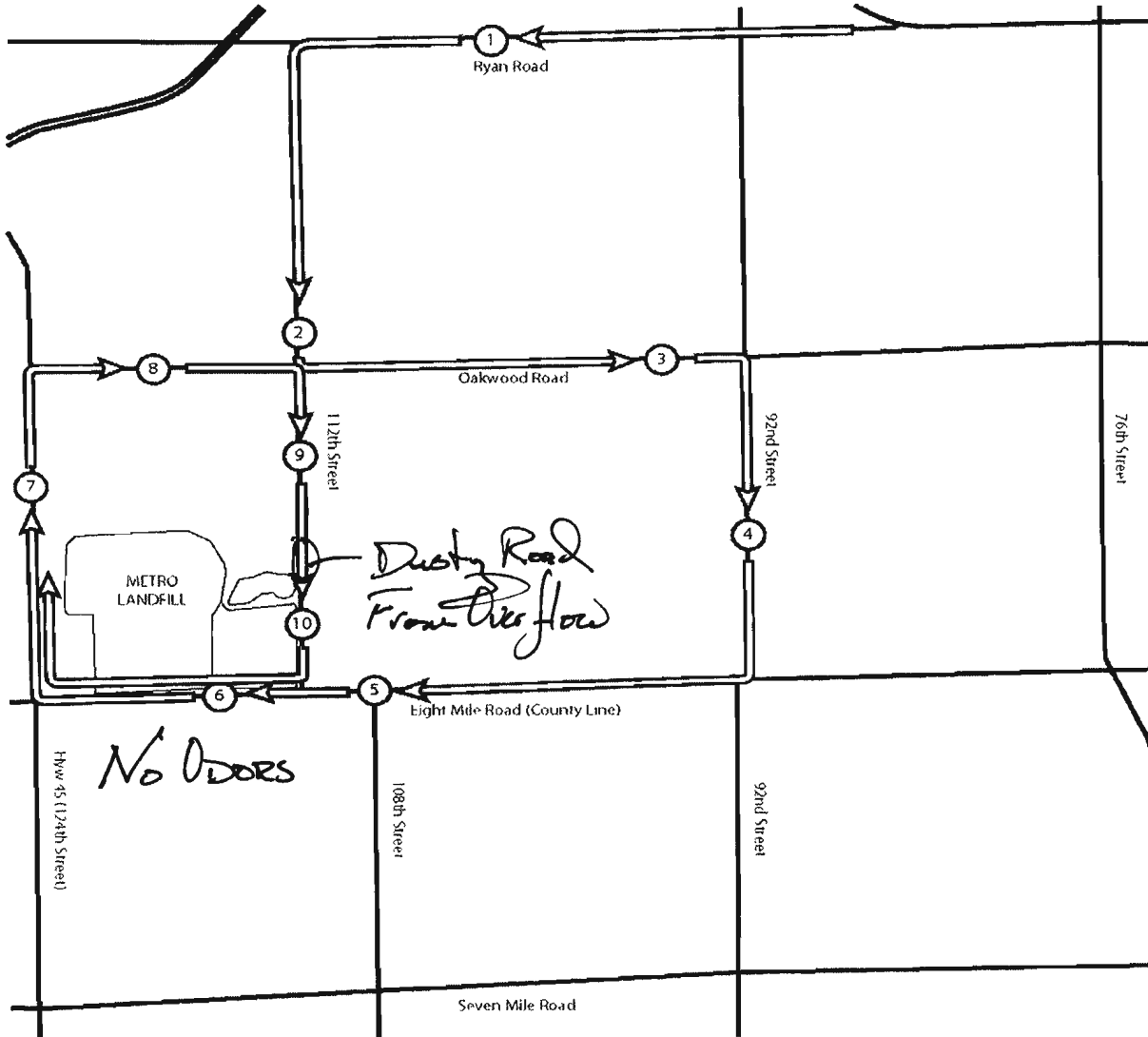
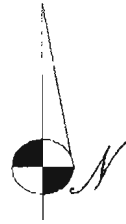
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53213-3606
CIVIL ENVIRONMENTAL ENGINEERS

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI – METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE July 24, 2014

TIME 3:30

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

Completed soil placement for final cover construction on South & East Slopes of Phase 6 & 7.
 Gas well drilling and construction to begin on slopes, on 7/25/14

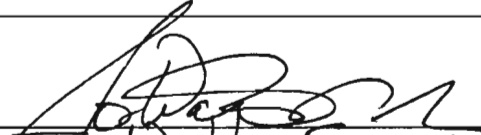


B. Excavations / Soil Management:

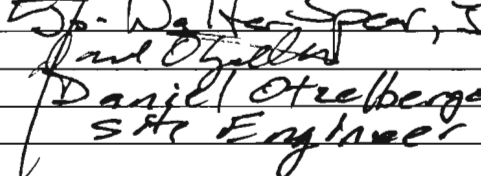
Soil being excavated from borrow area.

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: 

Auditor's Printed Name: Sp. Walter Spear, Jr.

Management Signature: 

Management Printed Name: Daniel Otrebengel

Management Title: Site Engineer

Date: 7/24/14

Date: 7/24/14



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Active area



Eastern portion of Metro



Phase 9 viewed from West



North end of Phase 9



Working face in middle of Phase 9



East slope of Phase 7, nearly finished with clay placement. Next stage is gas well sampling



East slope of Phase 7

August



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: **08/20/14**

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 11, 2014. The Audit was performed at 2:49 PM, on **August 14, 2014** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

The following bullet items were developed from the **Operations** Audit:

- Working face in middle of Phase 9
 - Slopes of active area covered with graded top soil, ready for seeding
- One compactor and one dozer active during audit
- Landfill direct soils and tarps in use for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - One engine out of commission
 - Scheduled to be back on line August 15
 - Gas destruction 2,100 cfm

- Two storm events since last audit, approximately 1.5"
 - Storms at beginning of week pushed back schedule for poly deployment

- Odors on-site near active area; no odor off site
- Periodic Liquid loads
- No litter off site; minimal litter on-site
 - Two active litter pickers
- US 45 and 8-Mile Rd clean

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,600 TPD
 - Waste being tipped is a mix of MSW and Foundry sand
 - No rejected loads
 - Random load inspection 8/12/14
- Residential drop-off open during audit
 - Area clean

- Contractor mowing on a closed section during audit
- Erosion repairs planned for after mowing
- Outbound slopes to be seeded in late September

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 August 14, 2014 TIME 1:04
 Auditor on site at: Open Close

WEATHER Clear Sunny WIND 6-3
 N E W

TEMP Maximum 70 °F Minimum 50 °F B.P. 30.13

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	D8 Dozer						

A. Working Face Size and Location:

Dozer covering fluff layer at in phase 7B West. Excavator and Compactor covering Waste in Phase 6 West slope.



Cover Material:

Soils & Autocluff
foundry sands

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			#	
Shutdowns Since Last Audit:			#	
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:

Consistent delivery last weeks

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 2/5

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

Site conditions dry

E. Odor Control:

Odors Present: Onsite Offsite

Comments:

No odors

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 minimal

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 & 85 Mile Clean, 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"/>	#	
Random Load Inspection Dates:						<i>8/3/14</i>
Tonnage:						<i>22,600 TPD</i>

Comments:

Soils & MSW and Foundry sands

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

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

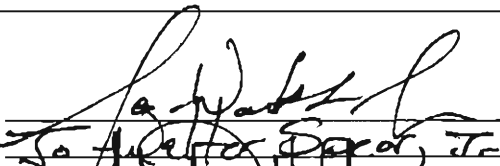
Site clean, boxes empty



M. Other Comments:

- * No contractors on site
- * Restoration contractor for slopes finished with seeding green areas and stockpiles
- * Fluff layer placement 2/4 of Phase 7B work

Auditor's Signature:

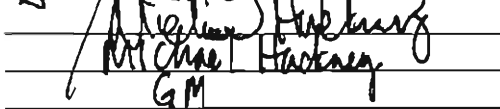


Date: 8/14/14

Auditor's Printed Name:

Joseph A. DeLoe, Jr.

Management Signature:



Date: 8/14/14

Management Printed Name:

Michael Hackney

Management Title:

GM

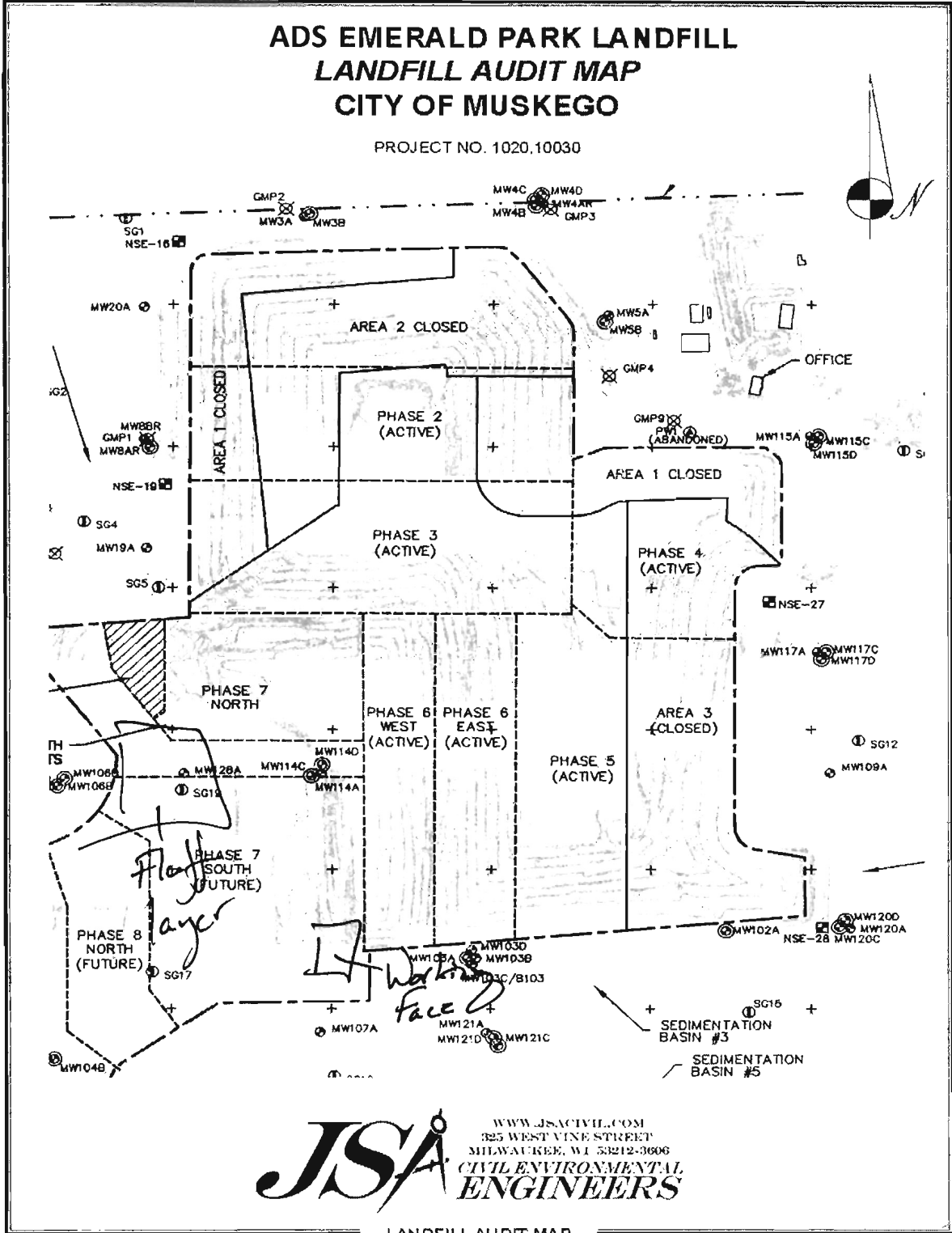
JSA Principal Signature:

Date:



ADS EMERALD PARK LANDFILL LANDFILL AUDIT MAP CITY OF MUSKEGO

PROJECT NO. 1020.10030




JSA
 WWW.JSACIVIL.COM
 325 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
 CIVIL ENVIRONMENTAL
 ENGINEERS

LANDFILL AUDIT MAP

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

PROJECT NO. 1012.10030



Phase 7B West



Working face on West slope of Phase 6, all wastes not suitable for fluff layer



Active Area in Phase 7B West, select fluff waste only.



Working face along Phase 6, West Slope



Phase 7B West receiving fluff layer and autofluff cover



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: **09/26/14**

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 25, 2014. The Audit was performed at 9:00 AM, on **August 29, 2014** by Jo Spear Jr. in the presence of Travis Thorson.

The following bullet items were developed from the **Operations** Audit:

- Working face approaching East edge of Phase 9
 - Tarp in use during audit covering previous waste placement
- One compactor and one dozer active during audit
- Foundry sand and tarps used for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine in out for major repair
 - Second turbine was down on 8/28 for a few hours
- One shutdown since last audit
- Gas destruction 2,400 cfm

- Four storm events since last audit, approximately 1.5"
 - Many small storms this week, but minimal erosion
 - Basins have plenty of free board

- Minor odors on 112th Street
- Periodic Liquid loads
- Litter present on site, but clear off-site
- Two active litter pickers
 - Working on US 45 and operating drop-off area
- US 45 & 8 Mile Roads clear; site roads gritty

- Tipping scale camera and 2 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Waste being tipped is predominately MSW and some Foundry sand
 - No rejected loads
 - Random load inspection 8/29/14
- Residential drop-off open during audit
 - Area clean and very active

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



CIVIL ENVIRONMENTAL ENGINEERS

325 West Vine Street / Milwaukee, WI 53212-3606 / 414-263-2122

- Contractors not working due to rain
 - Cap construction is on-going
 - Soil placement over landfill HDPE cap expected Tuesday
- Concrete crushing and sorting underway; should be finished today
- Geo-composite placement about half complete
- Plastic cap placement complete

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 August 29, 2014

TIME 9:00

Auditor on site at: Open Close

WEATHER Raining, overcast

WIND S-70
 N S E W

TEMP Maximum 81 °F Minimum 61 °F

B.P. 30.07

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face nearly at East edge of Phase 9. tarp in use during Audit from previous waste placement



Cover Material:

Foundry sands & 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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	1		
Destructed Volume:	#	2,100	cfm	

Comments:

Turbine down to prolonged repair
2nd turbine down on E/20 for a couple hours

D. Surface Water Management:

Storm Events Since Last # 4 Est. Volume

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

Steady rain events this week. Minimal erosion
and basins have plenty of freeboard.

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Mild odor on 112th Street

F. Liquid Loads Recieved:

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 on US 45 and operating dropoff

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 clear. 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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	8/29/14					
Average Tonnage:	1,400 TPD					

Comments:

Predominantly MSW with foundry sands

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

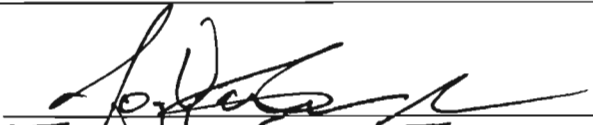
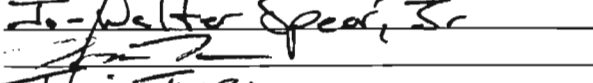
L. Residential Drop Open During Audit

Drop off clean, very active



L. Other Comments:

- * Contractors getting for rain activities
Cap construction ongoing, soil placement
over hape cap expected Tuesday
- * Concrete crushing and sorting ongoing
should be finished today
- * Geo composite placement 1/2 completed
Plastic Cap placement completed.

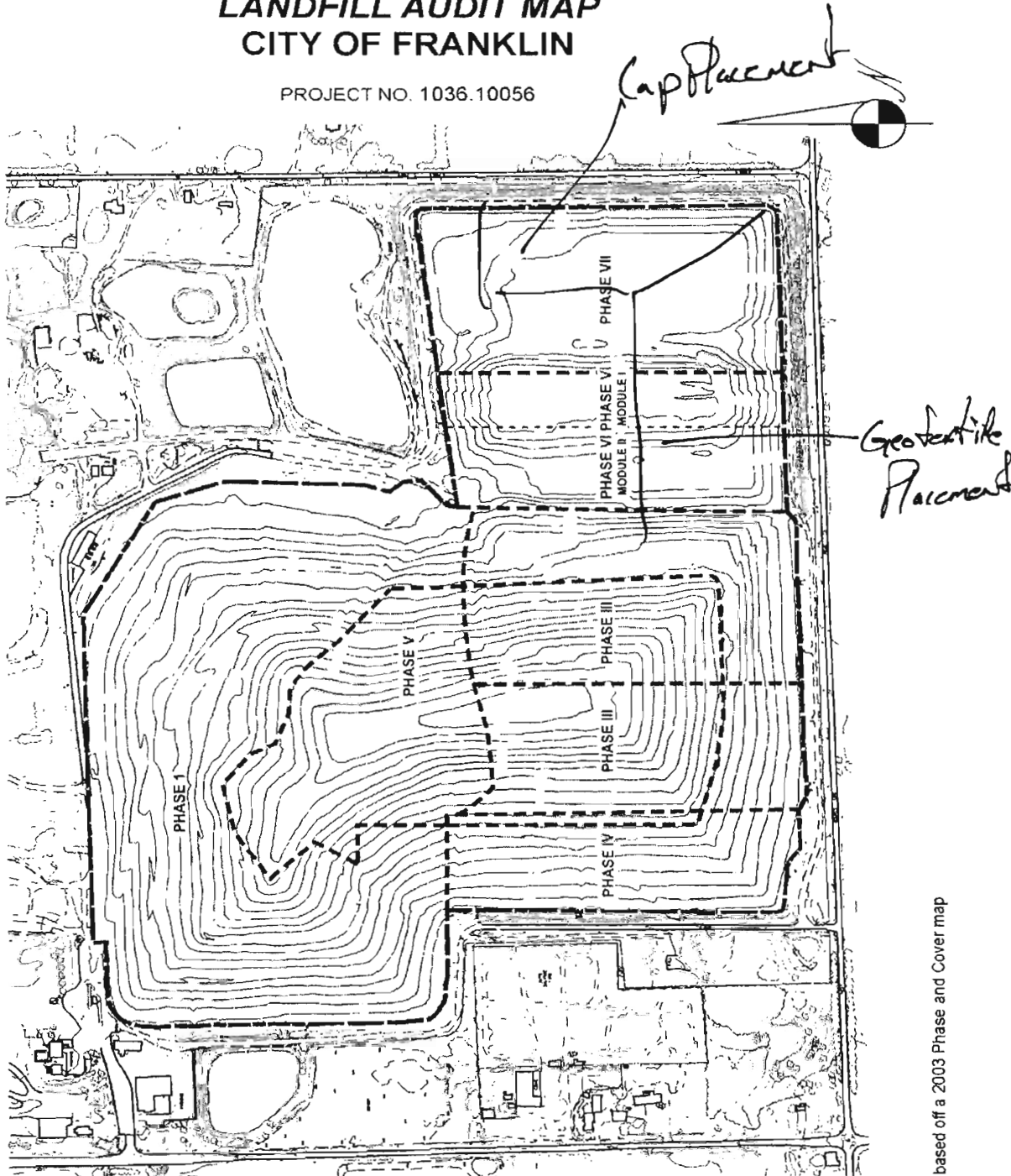
Auditor's Signature: 
Auditor's Printed Name: J. Walter Spear, Sr.
Management Signature: 
Management Printed Name: Travis Thorson
Management Title: DM
JSA Principal Signature _____

Date: 8/29/14
Date: 8/29/14
Date: _____



**WMWI - METRO LANDFILL
LANDFILL AUDIT MAP
CITY OF FRANKLIN**

PROJECT NO. 1036.10056

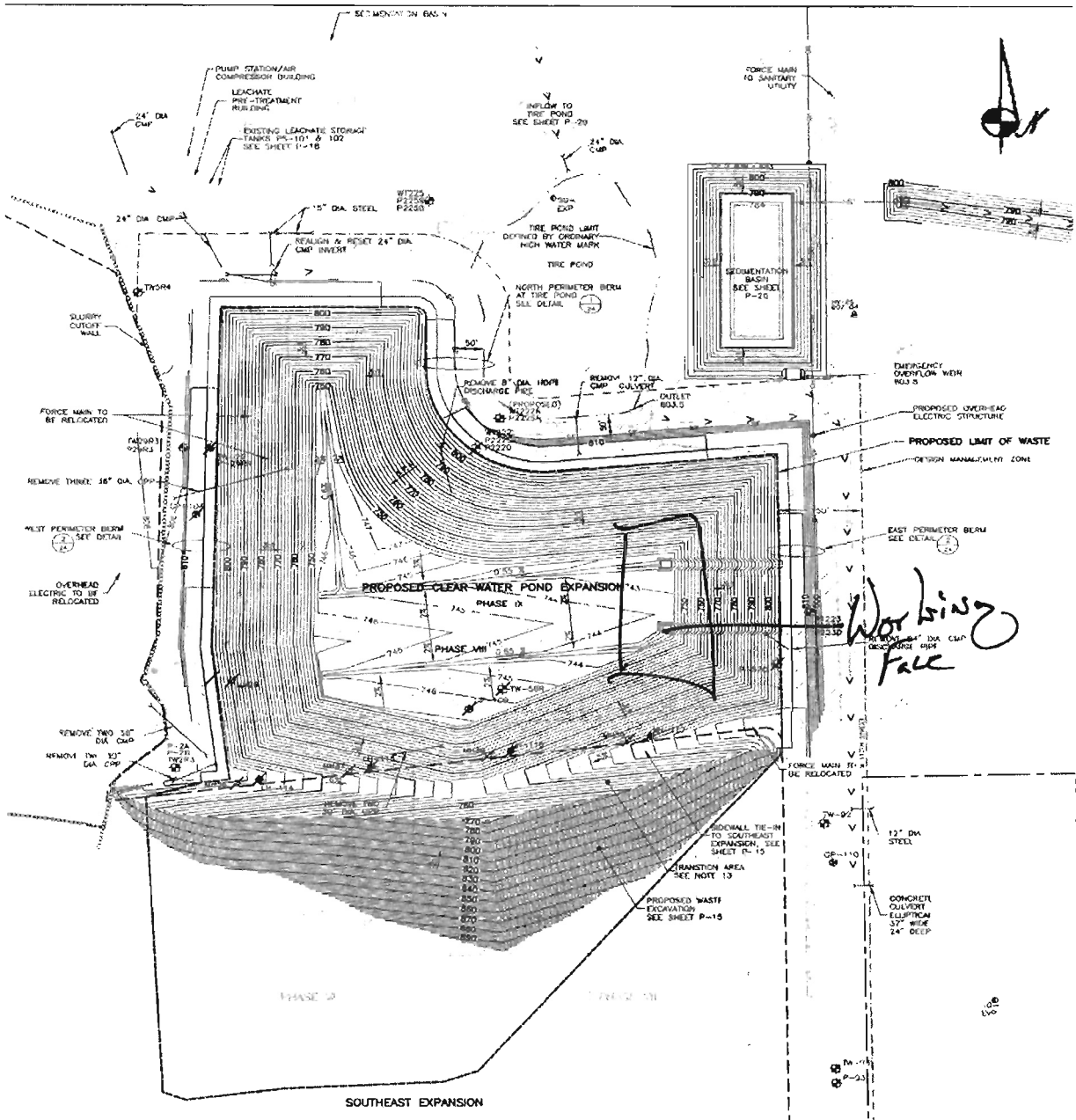


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

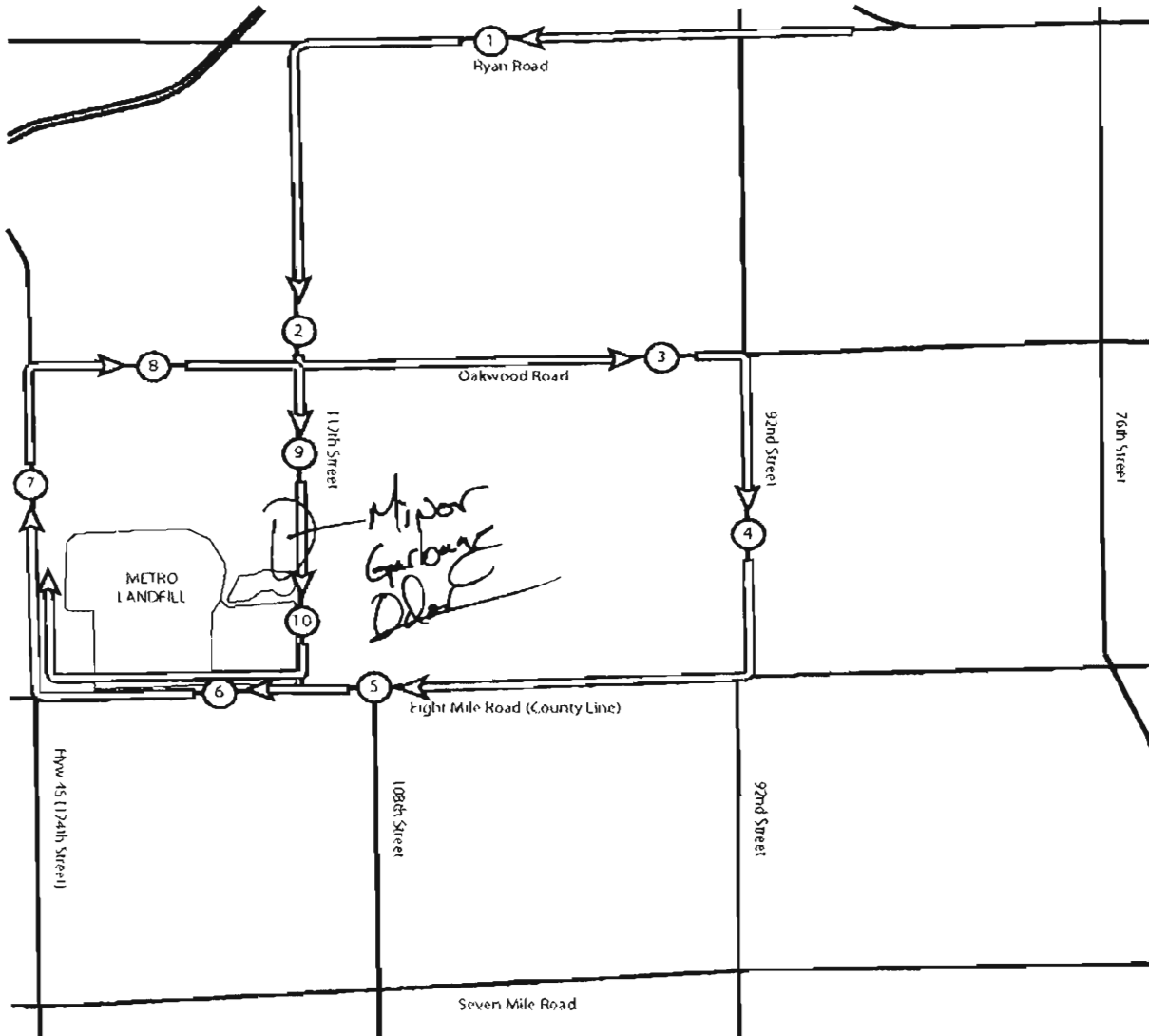
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 325 WEST VINE STREET
 MILWAUKEE, WI 53213-2008
CIVIL ENVIRONMENTAL ENGINEERS

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



Phase 9 viewed from the West



Daily cover in good condition on North end of Phase 9



Phase 9 North end



Seeded area about Phase 9



Seeded area about Phase 9



Active area viewed from Northeast



Geocomposite cap

September



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: **10/02/14**

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 11, 2014. The Audit was performed at 11:00 AM, on **September 12, 2014** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

The following bullet items were developed from the **Operations** Audit:

- Working face in North East corner of Phase 9
 - MSW delivered to working face
 - Soil loads to outbound slope, until end of day when they are used for cover
- One compactor and one dozer active during audit
- Foundry sand & site soils used for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shutdowns since last audit
 - Gas destruction 2,600 cfm
 - One turbine shut down for major repair

- One storm event since last audit, less than 1"
 - Basins have freeboard
 - Site roads mucky
 - ditches need cleaning due to construction activity

- Odors on-site especially near active area; no odor off site
- Periodic Liquid loads
- No litter off site; on-site litter concentrated near working face
 - One active litter pickers
- US 45 and 8-Mile Rd clean; site roads messy, worse in construction area

- Tipping scale camera and 2 equipment operators at work; no spotter
- Average MSW tonnage 1,600 TPD
 - Waste being tipped is a mix of MSW and Foundry sand
 - No rejected loads
 - Random load inspection 9/12/14
- Residential drop-off open during audit
 - Area clean

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Site completely crested in Phase 9
 - Nearly ready for second lift above grade
- Outboard slopes of Phase 9 scheduled for seeding before winter
- Site roads and ditches to be restored after construction completion

Construction Audit:

- Contractor hauling soil from borrow area
 - Placing in rooting zone on cap of Phases 6 & 7
- One dozer, one excavator & 6 haul trucks moving soil

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 September 12, 2014
 Auditor on site at: Open Close

TIME 11:00

WEATHER Overcast, potential rain

WIND Gusting 6-10
 (N) (S) (E) (W)

TEMP Maximum 52 °F Minimum 44 °F

B.P. 29.56

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
1	Dozer						
	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 Northeast corner
of Phase 1, receiving MSW.
Cover will be sorts on the outboard
slope at the end of the day



Cover Material:

Foundry sand and site soils

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	# 10			
Destructed Volume:	# 2,600		cfm	

Comments:

1 turbine down for long term repairs

D. Surface Water Management:

Storm Events Since Last	# 1	Est. Volume	<1"
-------------------------	-----	-------------	-----

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

Basins have freeboard. Site roads muddy and ditches need cleaning due to construction activities

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Odors about working fan

F. Liquid Loads Received:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input type="checkbox"/>	NO <input checked="" 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 found about working face

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

Used 2 Mik Clean, site roads swampy about construction area

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"/>	# 2
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#
Random Load Inspection Dates:	2/12/2024		
Average Tonnage:	1/1000 TPD		

Comments:

M&W & Foundry sands

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Res: Site clean and active



L. Other Comments:

- * Site completely created in Phase 9, nearly ready to begin second lift above grade
- * Out-board slopes of Phase 9 to be seeded before winter
- * Site roads and ditches to be restored after construction complete

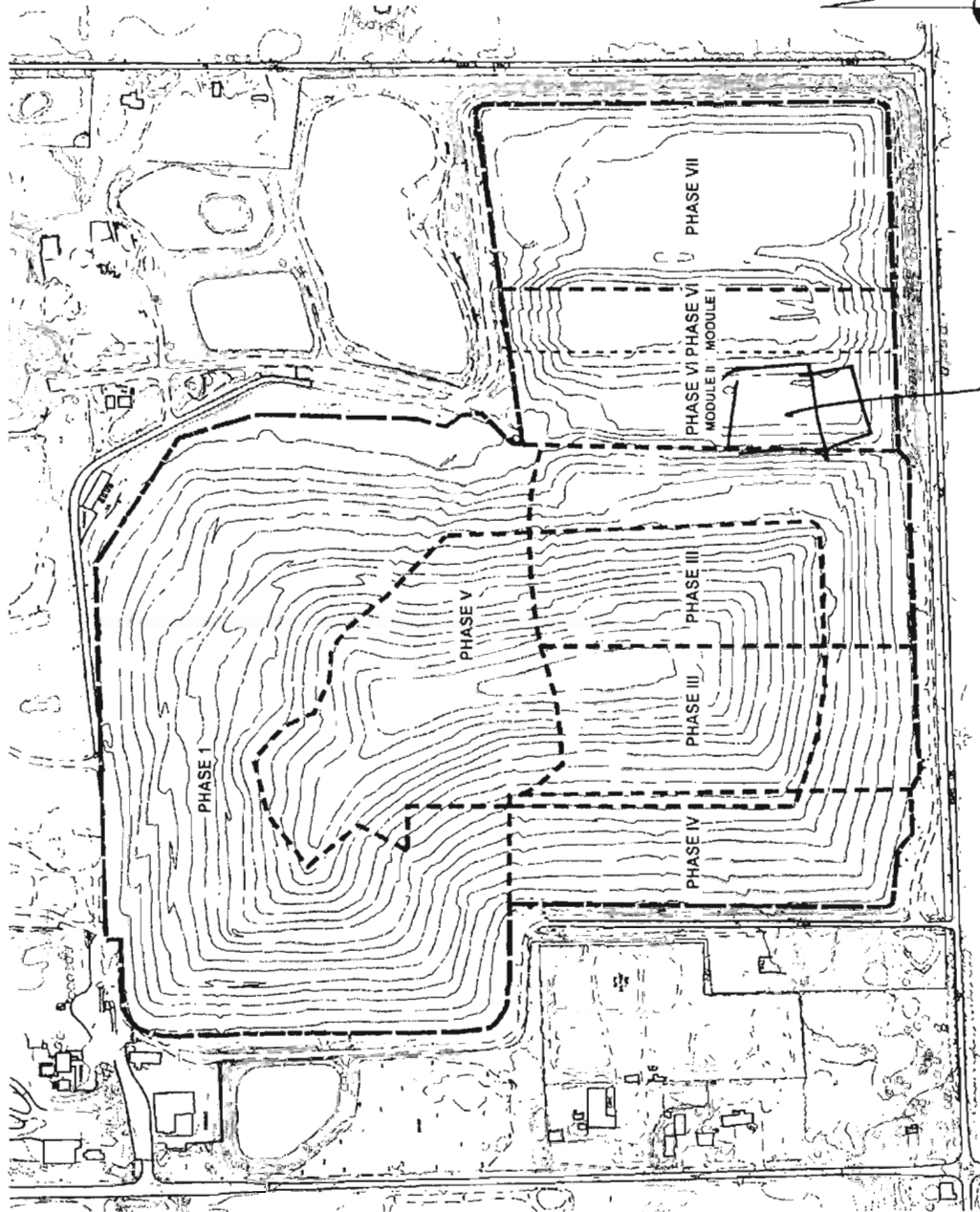
Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Walter Spear, Jr
Management Signature: [Signature]
Management Printed Name: Travis Thorson
Management Title: DM
JSA Principal Signature _____

Date: 9/12/2014
Date: 7/12/14
Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



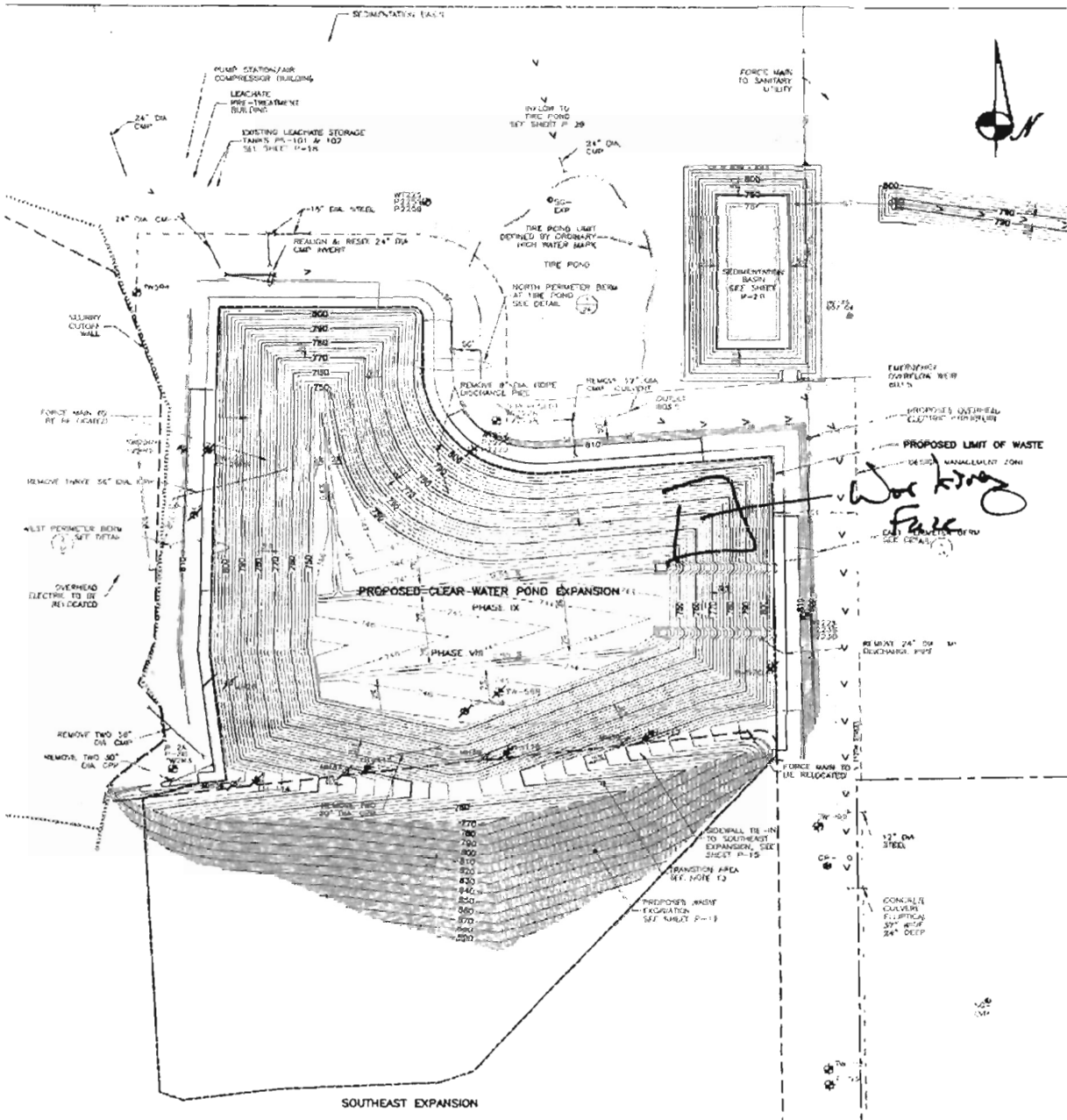
Cover Placement

based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

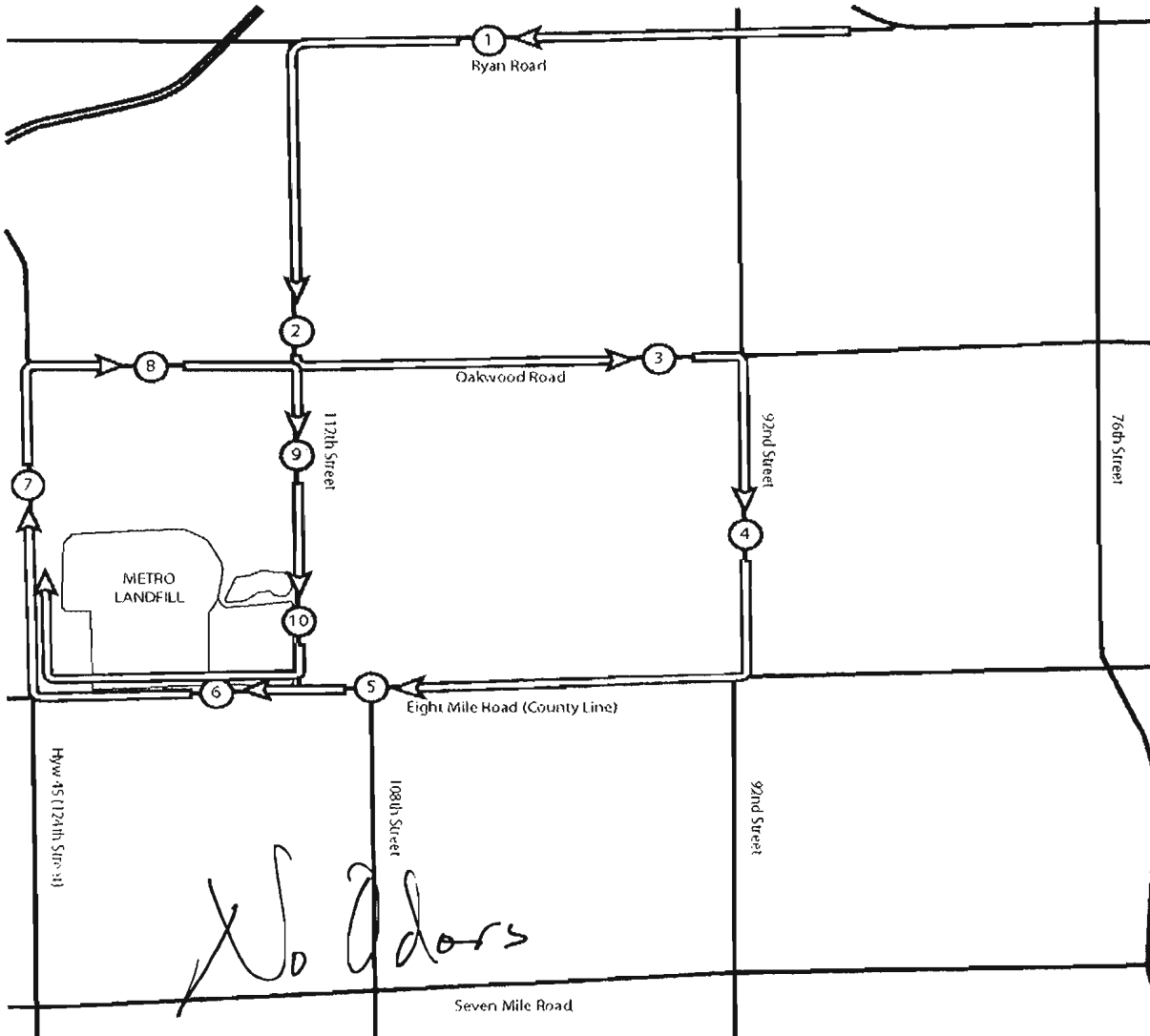
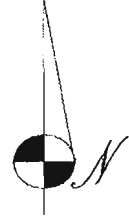
PROJECT NO. 1036.10056




J SHEARSON LATES
 125 WINDY STREET
 MILWAUKEE, WI 53212-5208
CIVIL ENVIRONMENTAL ENGINEERS

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI – METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE September 12, 2014 TIME 11:00

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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


A. Work Accomplished Today (Scheduled & Completed):

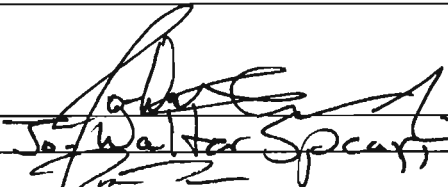
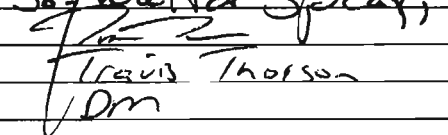
Soil haul from borrow area to
place rooting ~~zone~~ zone on top of
these 6 & 7, South slope



B. Excavations / Soil Management:

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: 
 Auditor's Printed Name: Jay Walter Speck, Jr.
 Management Signature: 
 Management Printed Name: Travis Thorson
 Management Title: Idm

Date: 9/12/14
 Date: 5/12/14



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Phase 9 viewed from the West



Active area viewed from the West



Phase 9 South end



Active area viewed from the East, Phase 9



West Slope of Phase 7, capped with geomembrane and geocomposite



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 11/20/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of September 22, 2014. The Audit was performed at 10:54 AM, on September 23, 2014 by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

The following bullet items were developed from the **Operations** Audit:

- Working face along Eastern edge of Phase 9
 - Soils loads tipping on top of Phase 6
- Intermediate cover has been applied to cover wastes on outbound slopes
- Seeding complete on South slopes of Phase 9
- One compact tor and one dozer active during audit
- Foundry sands in use for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - No shutdowns since last audit
 - Gas destruction 2,675 cfm
- Recent field changes have resulted in slightly higher gas quality

- One storm event since last audit, approximately 1"
 - Site dry; basins have plenty of freeboard
- Ditch cleaning scheduled after completion of cap construction
- Minor odor on 124th Street (see monitoring map)
- Periodic Liquid loads

- Litter present both on and off-site
 - Some metal in Northbound entry lane
 - Paper on 124th Street
 - Two active litter pickers
- US 45 and 8-Mile Rd clean, except as noted above
- Site roads dusty

- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,500 TPD
 - Incoming MSW, Foundry sand and C&D

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- No rejected loads
- Residential drop-off open during audit
 - Area clean
 - Very active during audit
- Ditches outside of cap placement areas have been cleaned
- New excavations created in old hill at Northwest corner for access to work on gas field
 - Temporary excavations to be back filled next week

Construction Audit bullet items:

- Ongoing final soil placement for root zone of cap
- Construction activities are behind schedule due to bad weather
- Two dozers, one excavator and two haul trucks were active during audit
- Contractors using site soils from borrow area for cap construction

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 September 23, 2014

TIME 10:54

Auditor on site at: Open Close

WEATHER Clear, Sunny, dry conditions

WIND 3-15
N E W

TEMP Maximum 69 °F Minimum 52 °F

B.P. 30.30

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>Excavator</u>						
	<u>Haul Truck</u>						
	<u>Water Truck</u>						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face along Eastern edge of Phase 9
sills being tipped on top of Phase 6.
Intermediate caps have been placed on
waste on outboard slopes. Seeding
on all South slopes of Phase 9



Cover Material:

Sounding sands

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	1 0		
Destructed Volume:	#	2675	cfm	

Comments:

Gas volume and quality slightly higher due to field changes

D. Surface Water Management:

Storm Events Since Last

1

Est. Volume

214

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

*Site dry, basins have plenty of freeboard
Ditch cleaning to be done when cap construction completed.*

E. Odor Control:

Odors Present:

Onsite

Offsite

Notes on odor monitoring page

Comments:

Mild odor on 12th Street.

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Minor on 45 & 124th
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:

Some metal in North bound entry lane
Paper on 124th.

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 1/2 mile clean, except for a box after
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"/>	#	
Spotter:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:				
Average Tonnage:	21,500 TPD			

Comments:

MSW, foundry sand, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop Open During Audit

Drop off - less and very active during audit



L. Other Comments:

* Ditches outside of cap placement have been cleaned.

* New excavations in old hill at Northwest corner to work on gas field. To be back filled next week.

Auditor's Signature:

[Handwritten Signature]

Auditor's Printed Name:

Sp. Walter Spear, Jr

Management Signature:

[Handwritten Signature]

Management Printed Name:

Travis Thomas

Management Title:

PM

JSA Principal Signature

Date: *9/23/14*

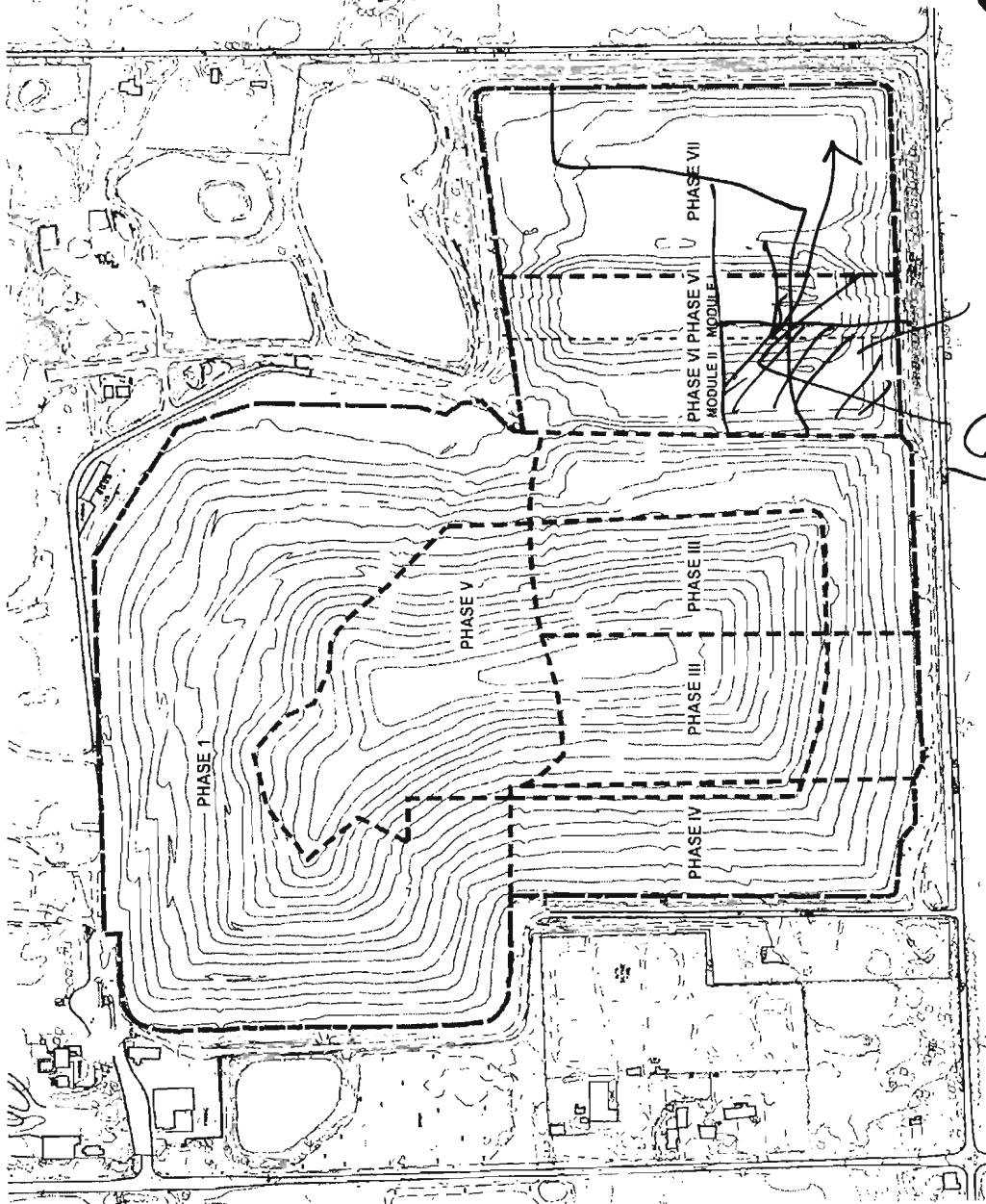
Date: *7/23/14*

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



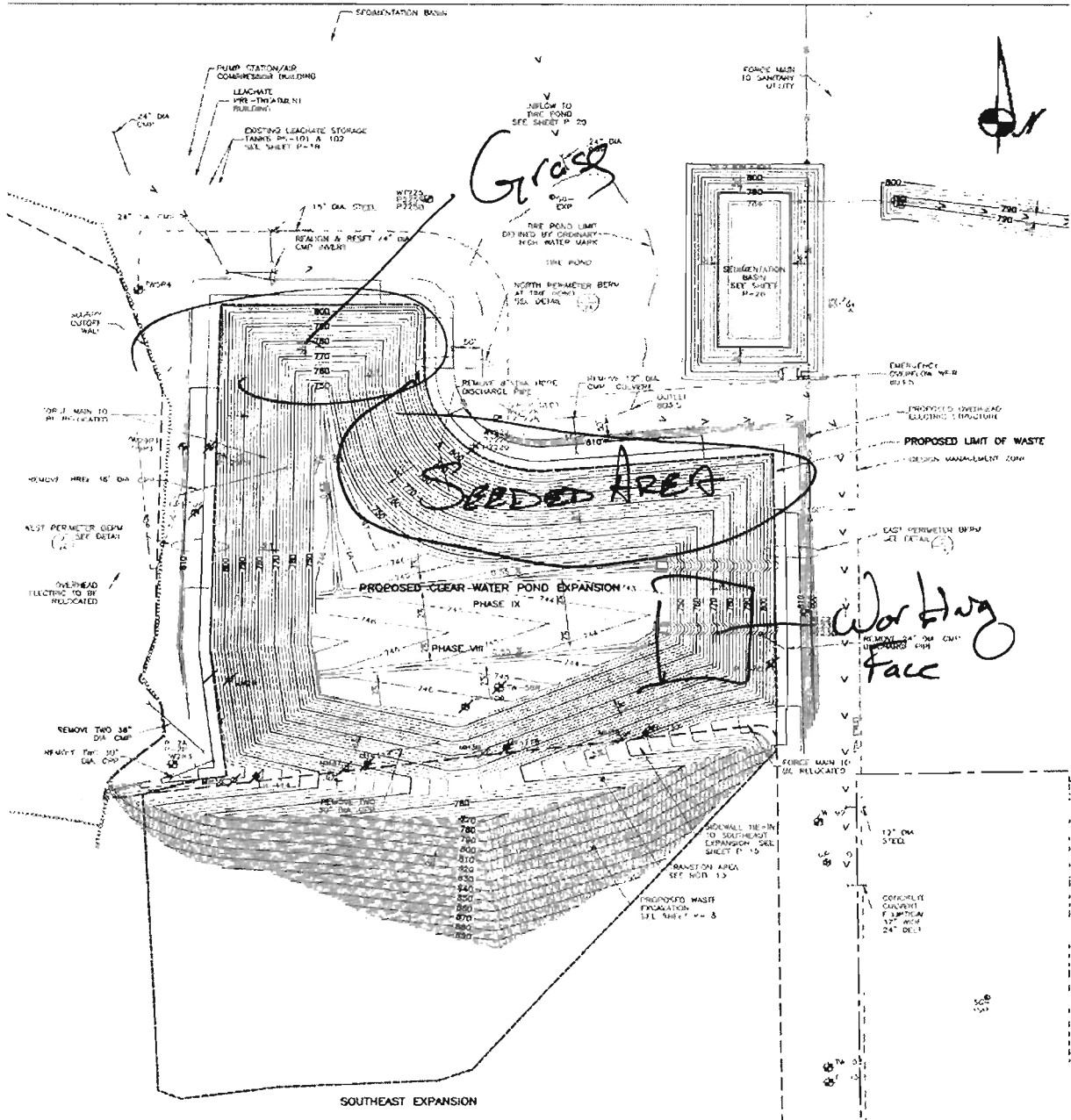
Current Soil Placement
Cap Area

based off a 2003 Phase and Cover map



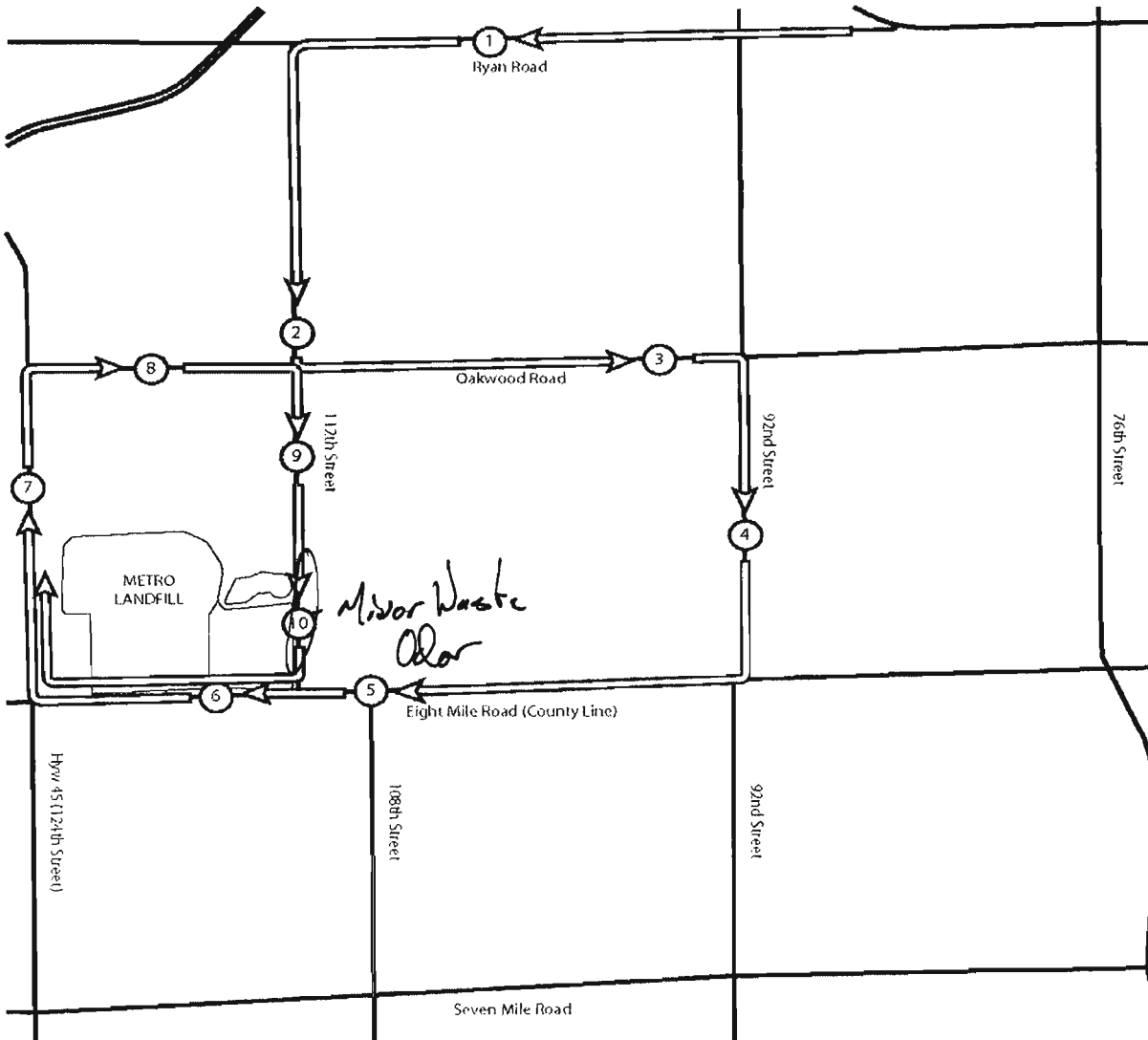
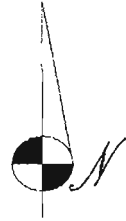
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI – METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE September 23, 2014 TIME 11:15

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

Doing soil placement for roofing zone of cap.

Construction activities are behind schedule due to bad weather.



B. Excavations / Soil Management:

Site soils, from borrow area, is use for cap

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4	NA	
5		
6		
7		
8		
9		
10		

Auditor's Signature: [Signature]
Auditor's Printed Name: Joseph Spear, Jr
Management Signature: [Signature]
Management Printed Name: Davis Thorson
Management Title: Dm

Date: 9/25/14
Date: 9/23/14



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Phase 9 viewed from the West



South end of Phase 9



Intermediate cover placed on Northern half of Phase 9



Active area viewed from the West



West slope of Phase 9, North slope of Phases 6 & 7 in the distance



Active area viewed from the East



South slope of Phase 6, very little work done on soil placement for the cap since last audit

October



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 11/20/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 6, 2014. The Audit was performed at 2:38 PM, on October 6, 2014 by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

The following bullet items were developed from the **Operations** Audit:

- Working face in Phase 9 at Southwest corner
 - Active area predominately spread with intermediate cover
- One compactor and two dozers active during audit
- Site soils and tarps in use for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- No shutdowns since last audit
- Gas destruction 2,300 cfm
- Site operators actively searching for gas leak in old hill

- Two storm events since last audit, approximately 1.5"
 - Basins draining well
 - Ditches wet from construction activities

- Odors on-site and off site; see map
 - Odors are of waste material only

- Periodic liquid loads
- No litter off site; some litter on-site
 - One picker working along West perimeter
- US 45 and 8-Mile Rd clean
- Site roads very rough due to heavy construction equipment

- Tipping scale camera and 2 equipment operators at work
- Average MSW tonnage 1,400 TPD
 - Waste is mostly MSW
 - Random load inspection 10/1/14
- Load from WE Energies was smoldering when tipped
 - Load was isolated and profiled for one time acceptance
- Residential drop-off area clean; boxes full

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



Comments:

- One time acceptance granted for smoldering load from WE Energies

The following bullets were developed from the Construction Audit

- Rooting zone placement is ongoing
 - About 80% complete
- One dozer, one excavator and 5 haul trucks active during audit
- Rooting zone and topsoils recovered from site

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 October 6, 2014
 Auditor on site at: Open Close

TIME 2:38

WEATHER Clouds, Sunny, dry

WIND S-15
 N S E W

TEMP Maximum 55 °F Minimum 46 °F

B.P. 29.57

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

NO.	DESCRIPTION	Rented	Contracted	NO.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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 Phase 9 at southeast corner
Active Area is predominantly covered with
intermediate 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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#		0	
Destructed Volume:	#		2,300	cfm

Comments:

Site operators actively searching for gas leaks in old hill

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume <1"

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

Basins draining. Ditches wet from construction activities

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: Waste odors only

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:

Pickers active collecting litter on West perimeter

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

USDA 8 Mile clear. Site roads very rough from construction equipment

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"/>	#	2
Spotter:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	1
Random Load Inspection Dates:						October, 1
Average Tonnage:						1,400 TPD

NA

Comments:

Mostly MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		See Notes
2.		

L. Residential Drop Open During Audit

Site clear, boxes full

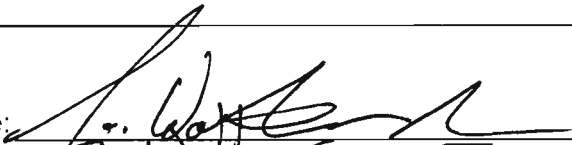


L. Other Comments:

* Tipped lead from WE-Energies smoldered when tipped. Lead was isolated and profiled for a one time acceptance

*

Auditor's Signature:

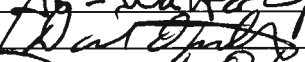


Date: 10/6/14

Auditor's Printed Name:

J. Walter Spear, Jr

Management Signature:



Date: 10/6/14

Management Printed Name:

Daniel Otzelberger

Management Title:

Site Engineer

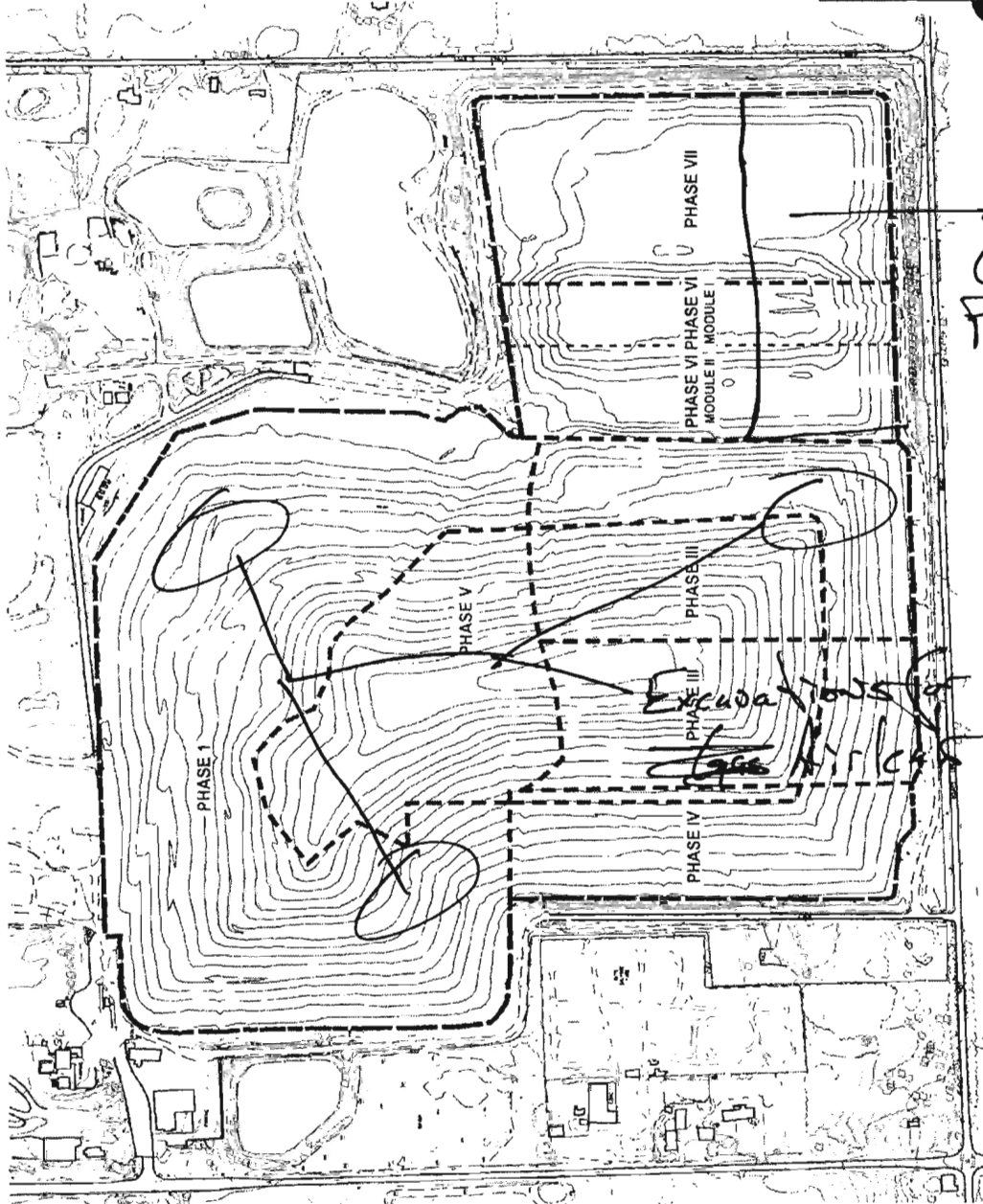
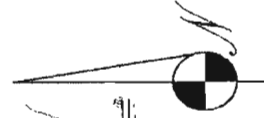
JSA Principal Signature

Date:



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056



Cap Cover Placement

Excavation for Gas Relief

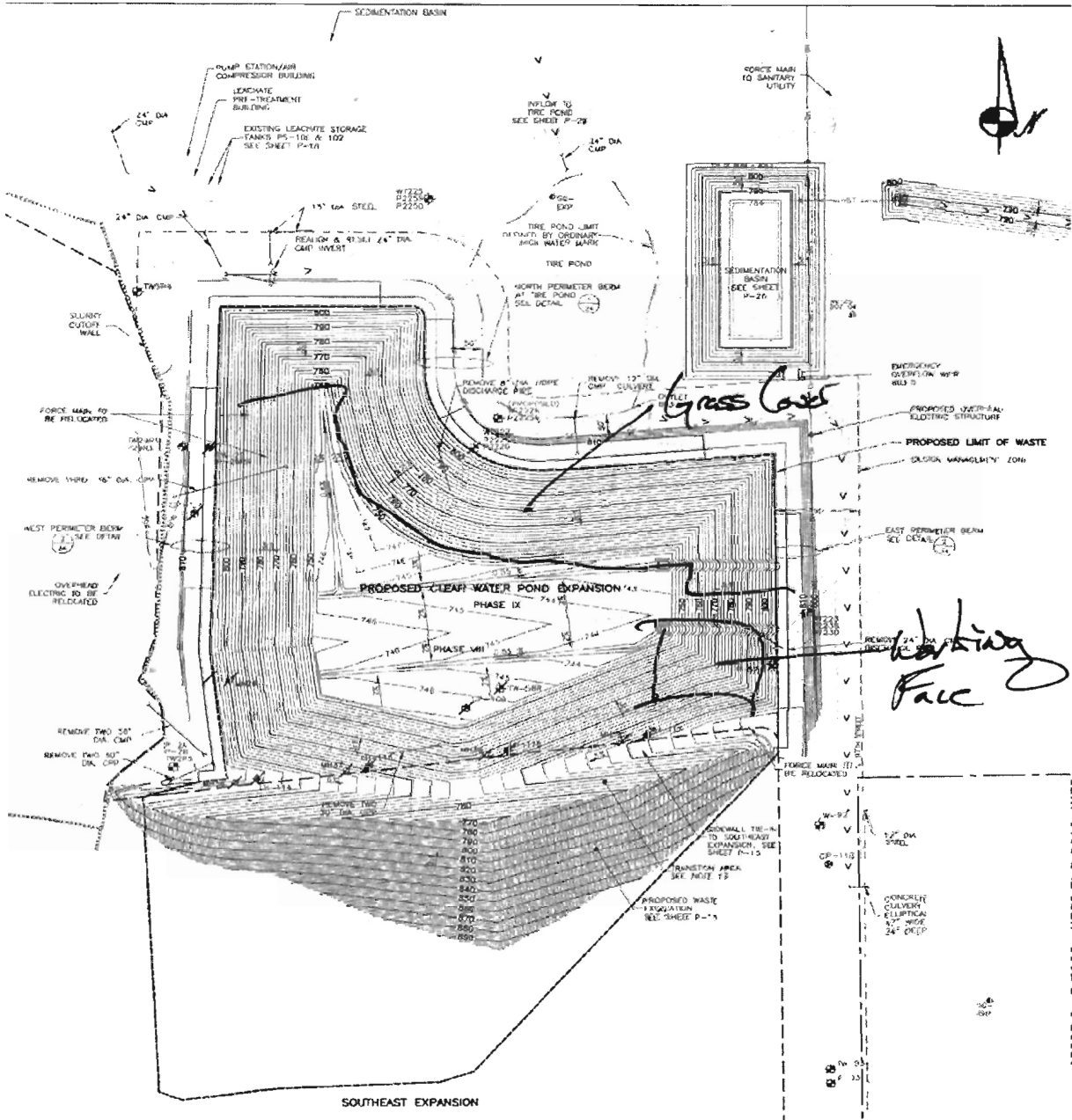
based off a 2003 Phase and Cover map



J SPEAR ASSOCIATES
325 WEST VINE STREET
MILWAUKEE, WI 53212-3000
**CIVIL ENVIRONMENTAL
ENGINEERS**

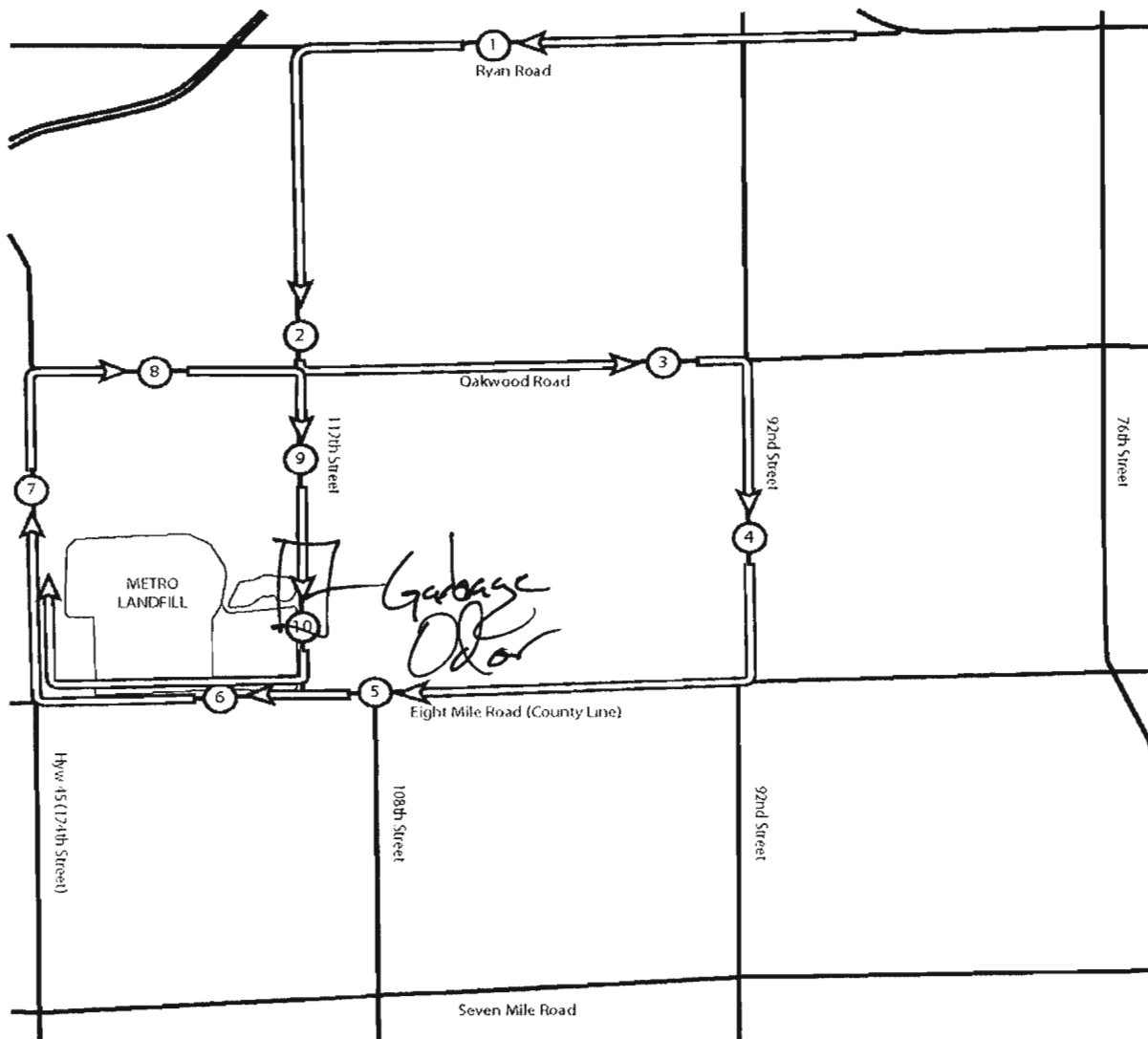
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI – METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE October 6, 2014 TIME 3:10

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

* Roofing zone placement ongoing ~ 30%
 Complete



B. Excavations / Soil Management:

* Rooting Zone soils & topsoil source
on site

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: [Signature]
 Auditor's Printed Name: Jeff Walter Spear, Jr.
 Management Signature: [Signature]
 Management Printed Name: Daniel Otzelberger
 Management Title: Site Engineer

Date: 10/6/14
 Date: 10/6/14



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Phase 9, blurred



North half of Phase 9, covered with intermediate cover



Phase 9, with working face in Southeast corner



Top soil placed on Phase 9 Northeast corner expected to be seeded this week.



Working face near Southeast corner of Phase 9, litter fences very effective



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 11/21/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 27, 2014. The Audit was performed at 2:49 PM, on October 29, 2014 by Jo Spear Jr. in the presence of Travis Thorsen, District Manager

The following bullet items were developed from the **Operations** Audit:

- Working face in center of Phase 9
 - Receiving MSW and Foundry sands
 - Incoming soils are being tipped on top of Phases 6 & 7
- One compactor , 2 dozers and one excavator active during audit
 - One compactor awaiting repairs
- Cover conditions are good
- Foundry sands, site soils and tarps serving as daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - One engine down for maintenance
- Gas destruction 2,250 cfm
- Oxygen leak found and repaired on 10/27/14

- Two storm events since last audit, less than 1"
- Basins have plenty of freeboard
- Site ditches dry

- Odors on-site as well as off site; see map page of audit
- Periodic Liquid loads
- Litter both on and off-site
 - Some litter on East side of 112th Street
 - Dust in air about site
 - Two active litter pickers
- US 45 and 8-Mile Rd clean; site roads dusty

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Waste mostly MSW
 - No rejected loads
 - Random load inspection 10/29/14

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Residential drop-off area clean
 - boxes about ½ full
- Comments:
 - Oxygen leak found in old hill on East side.
 - Repairs will be made and surface seeded
- Seeding on East slope of Phase 9 to be done next week

The following bullet points were developed from the Construction Audit:

- Contractor completing berms and spreading top soil today
- Berms to be completed on October 31, 2014
- Top soil placement to be completed by end of next week
- WMWE operators will seed after topsoil placement
- One compactor, 2 dozers and 4 haul trucks at work
- Soils in use from borrow area

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 October 29, 2014

TIME 11:25

Auditor on site at: Open Close

WEATHER Some clouds with Sun

WIND 10-15
 (N) S E W

TEMP Maximum 47 °F Minimum 35 °F

B.P. 30.01

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
<u>1</u>	<u>Compactor</u>	<input checked="" type="checkbox"/>					

A. Working Face Size and Location:

Working face in center of Phase 9 receiving
MSW & Family sand. Sols being tipped
on top of Phases 6 & 7.
Cover conditions good.



Cover Material:

Formed by sands, side 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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	2 3
Shutdowns Since Last Audit:	#	1		
Destructed Volume:	#	2,250	cfm	

Comments:

Engine down for maintenance
Oxygen leak found & repaired 10/27/14

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume <1"

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

Basins have plenty of freeboard.
Site ditches dry

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: Minor odor offsite

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 checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 2

Comments:

Some litter on East side of 112th Street
 Dusty in air about site

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 Road clean. 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"/>	#	
Random Load Inspection Dates:						10/29/14
Average Tonnage:						1,400 TPD

Comments:

Waste mostly MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Site clean, boxes ~ half full



L. Other Comments:

* Oxygen leak found in old well on East side. Repairs to surface will be made and seeded.

* Seeding of East slope of Phase 9 to be done next week.

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

Date: 10/29/14

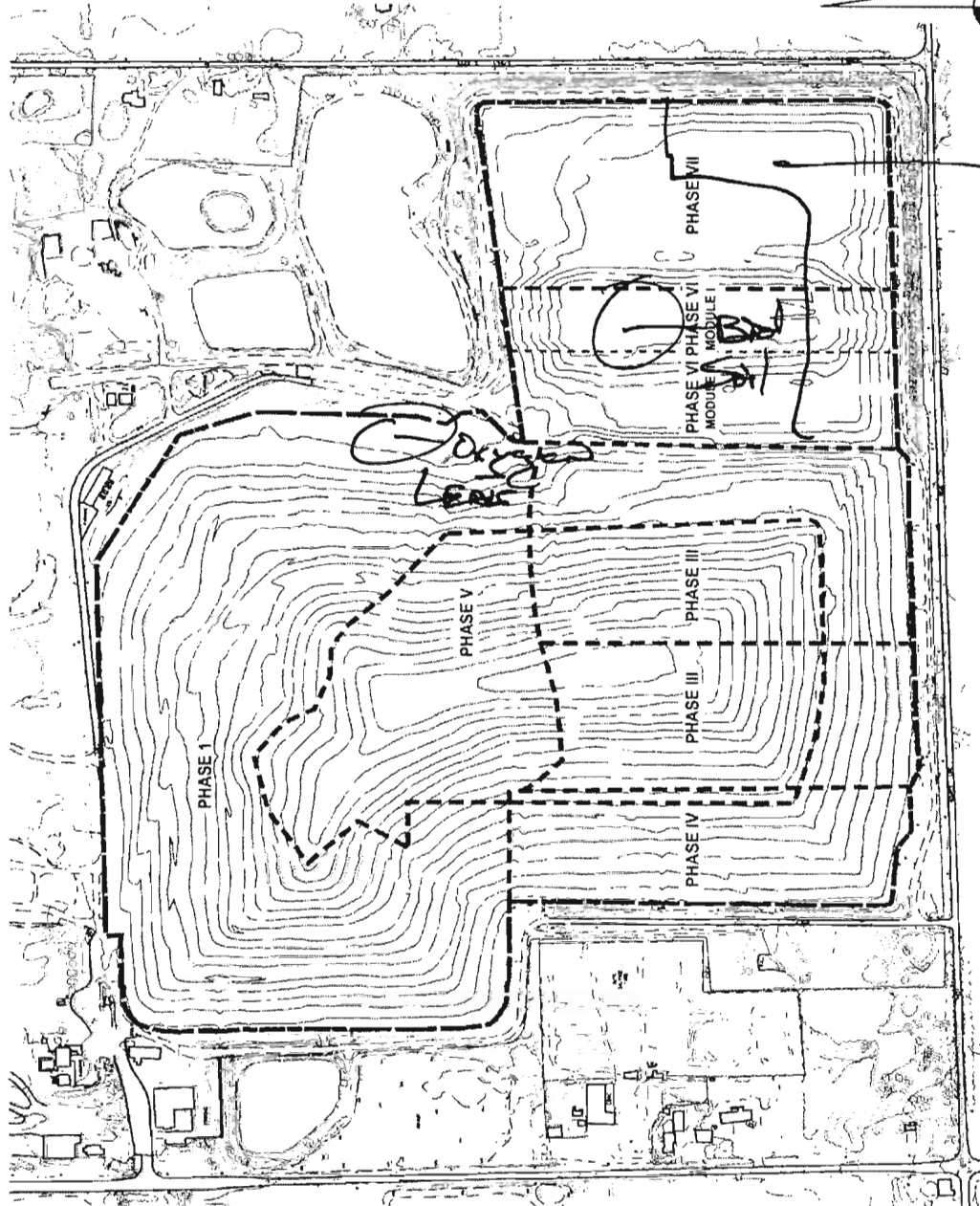
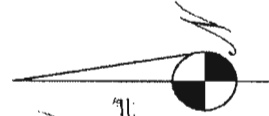
Date: 10/29/14

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056

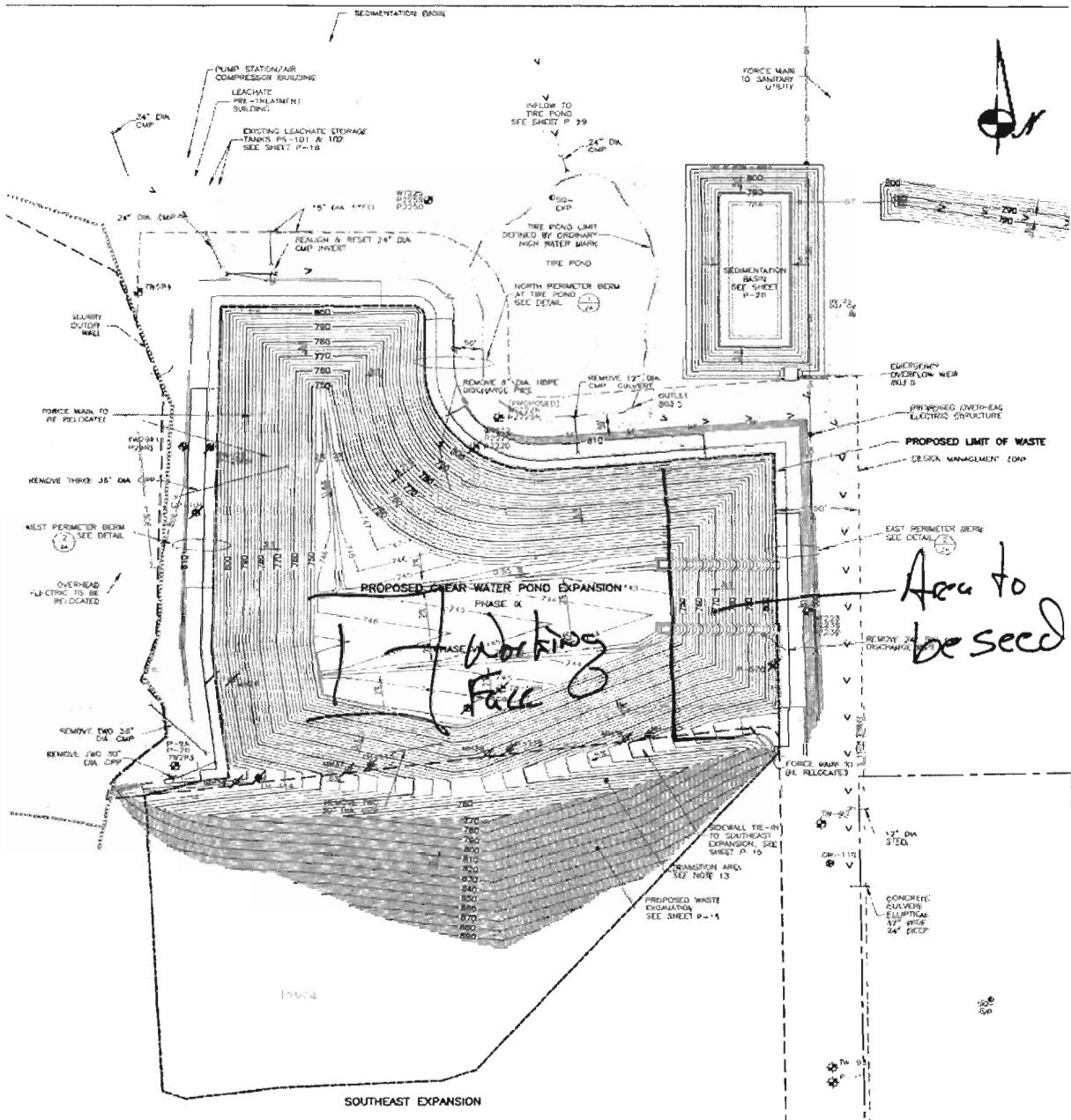


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

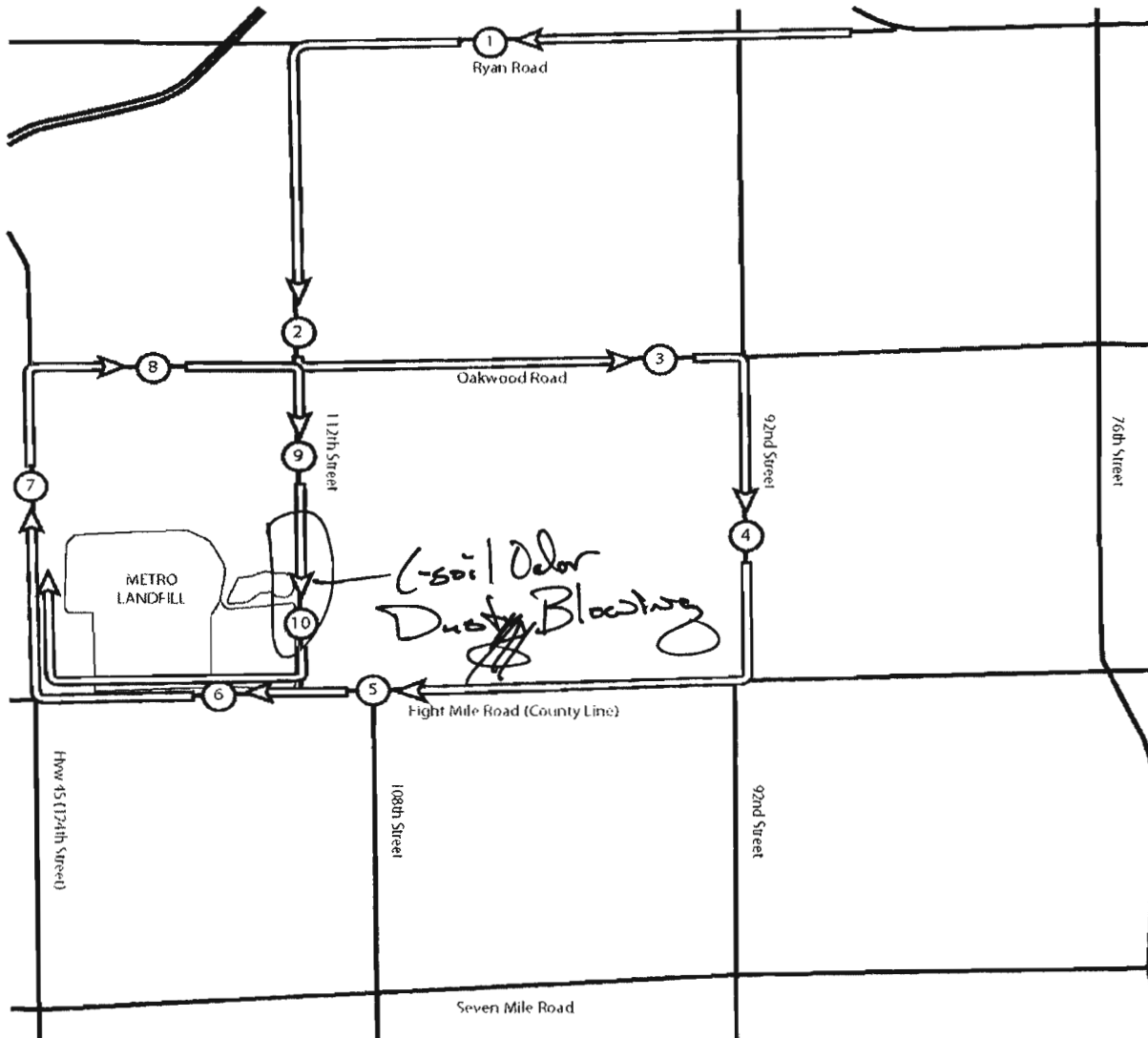
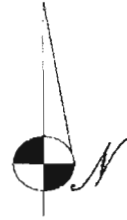


Area to be seeded



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI – METRO LANDFILL
 LANDFILL CONSTRUCTION AUDIT FORM
 CITY OF FRANKLIN
 PROJECT NO. 1036.10056

DATE October 29, 2014 TIME 11:55

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

Contractor completing berms and spreading top soil today. Berms to be completed on 10/31/14. Top Soil placement to be completed by end of next week. WMW& operators will seed after top soil placement



B. Excavations / Soil Management:

Using soils from borrow area

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: [Signature]
Auditor's Printed Name: Jo-Ann Spear, Jr.
Management Signature: [Signature]
Management Printed Name: Maria Thomas
Management Title: DM

Date: 10/29/14
Date: 10/29/14



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Phase 9



Working face in active area of Phase 9



Location on East slope of old hill that the Oxygen leak was discovered and repaired.



Diversion berm constructed of clay at top and mid-point of the slope.



Top soil placed on cap around diversion berm, topsoil will be spread on berm when construction completed

November



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 12/31/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 10, 2014. The Audit was performed at 10:55 AM, on **November 14, 2014** by Jo Spear Jr. in the presence of Travis Therson, District Manager.

The following bullet items were developed from the Operations Audit:

- Working face in middle of Phase 9
 - No other active working faces on site
- Cover damaged in area around working face
 - Intermediate cover to North of active area intact
- One compactor and two dozers at work during audit
- Landfill direct soils and tarps being used for intermediate cover
 - Cover is very rough

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- One shut down since last audit on 11/13
 - One engine repaired on 11/13
- System running better since leak repaired
- Gas destruction 2,135 cfm

- No storm events since last audit
 - Minor snow flurries
 - No additional water on site
 - Basins and ditches drying out

- No odors
- Periodic Liquid loads
- Litter blowing about
 - Obvious litter on 112th Street
 - One Picker at work during audit
- US 45 and 8-Mile Rd clean; site roads dusty

- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,500 TPD
 - Waste being tipped is a mix of MSW and Special Wastes

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



CIVIL ENVIRONMENTAL ENGINEERS

325 West Vine Street / Milwaukee, WI 53212-3606 / 414-263-2122

- No rejected loads

- Residential drop-off open during audit
 - Site manager asked a user (Warren) to leave the site
 - This user has a history of harassment and waste picking
 - 9832 W. Seven Mile Rd.

- No construction during audit
- Cap project completed
 - Seeding for cap scheduled for next Tuesday
- Other repaired areas will be reseeded next Tuesday also

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 November 14, 2014

TIME 10:50

Auditor on site at: Open Close

WEATHER Overcast, brisk, possible snow

WIND 10-25
 N S E W

TEMP Maximum 30 °F Minimum 15 °F

B.P. 30.33

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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 the middle of Phase 9
No other working faces on site
Cover conditions rough around working
face. North end of Active Area will
intermediate cover intact



Cover Material:

Soils & tarp.

~~tarp~~ Cover rough

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	# 1 - 11/13			
Destructed Volume:	# 2155		cfm	

Comments:

One engine shutdown on 11/13, repaired system running better with leak corrected

D. Surface Water Management:

Storm Events Since Last # 0 Est. Volume 2

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

Minor fluxes, no additional water on site Basins & ditches drying out

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors

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 checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 1

Comments:

Litter on 112th street. Picker active during the 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.

Trucks & 3 Mile clean. Site roads dusty

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:						
Average Tonnage:	1,500 TPD					

Comments:

Tipping is MSW and special wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L. Residential Drop Open During Audit

Site Manager had to request resident Warren to leave the site and has a history harassment and waste picking 9832 W. Green Hill

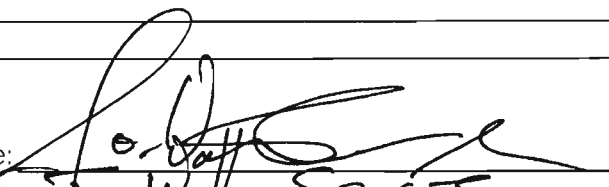


L. Other Comments:

* No constructions during audit. Cap project completed. Seeding expected next Tuesday

* Seeding of other repairs expected to begin next Tuesday as well

Auditor's Signature:

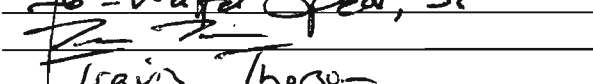


Date: 11/14/14

Auditor's Printed Name:

Joe-Water Spear, Jr

Management Signature:



Date: 11/14/14

Management Printed Name:

Travis Thorsen

Management Title:

DM

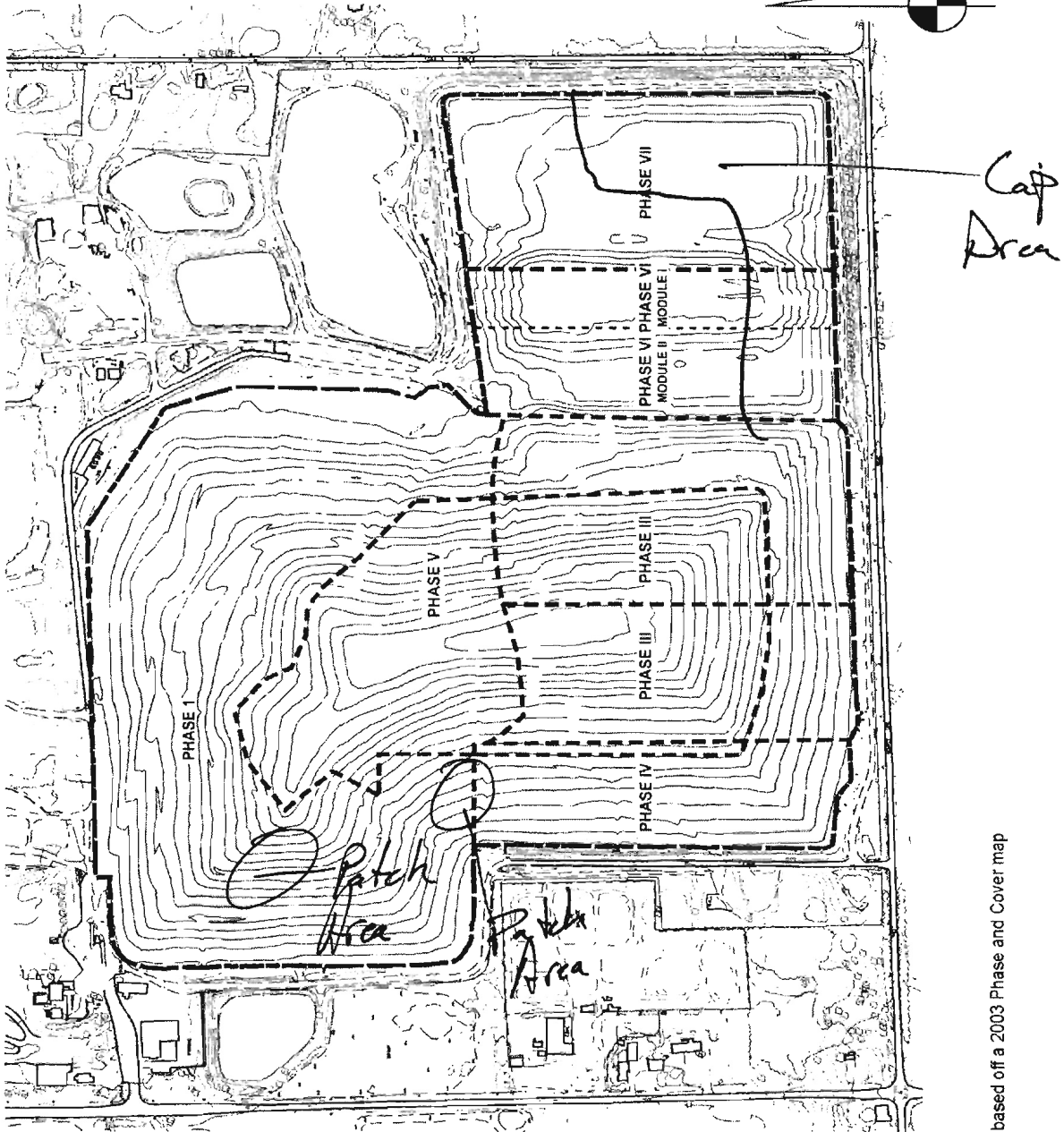
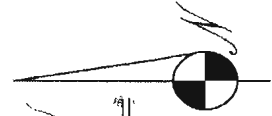
JSA Principal Signature

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056

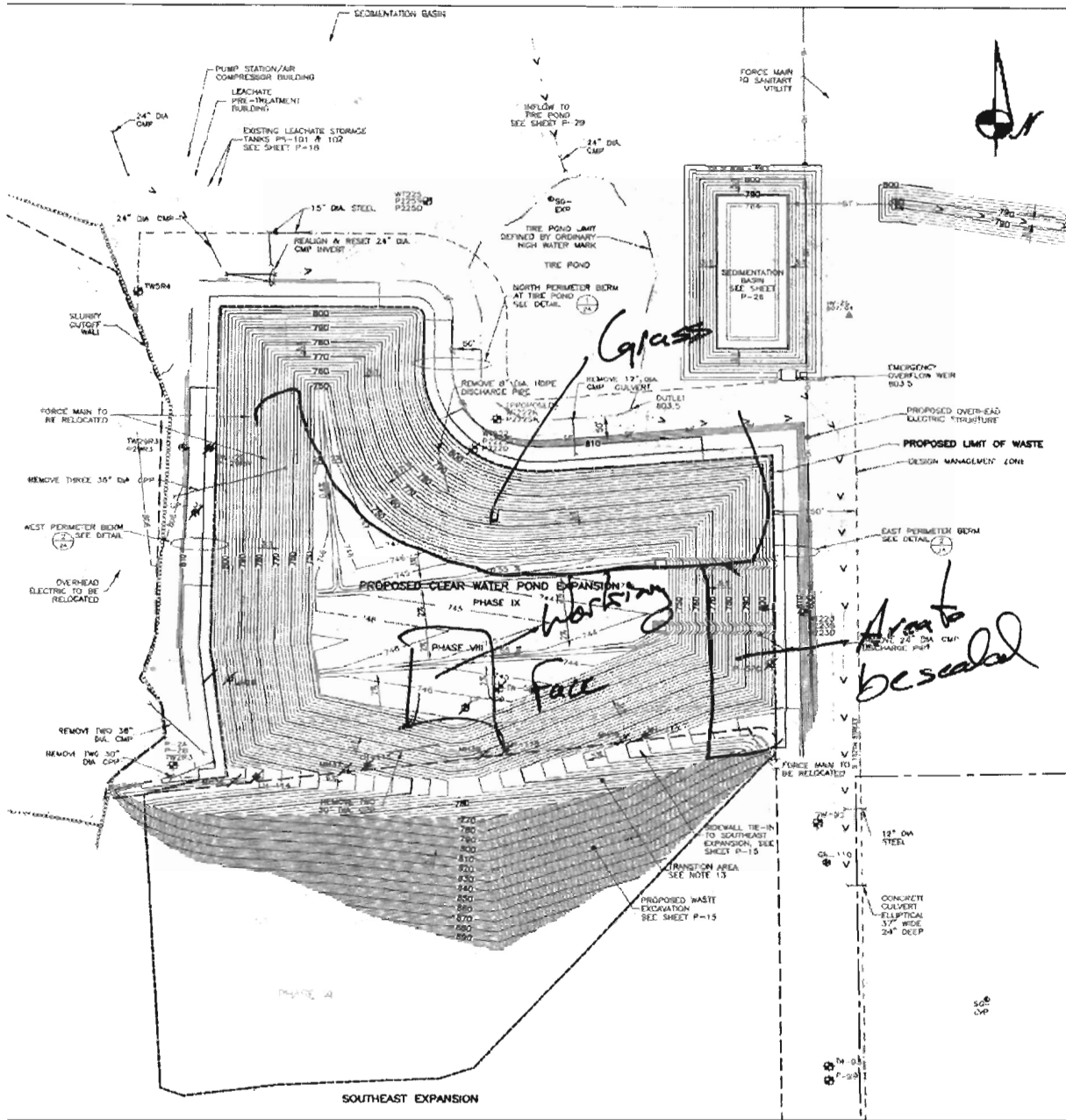


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

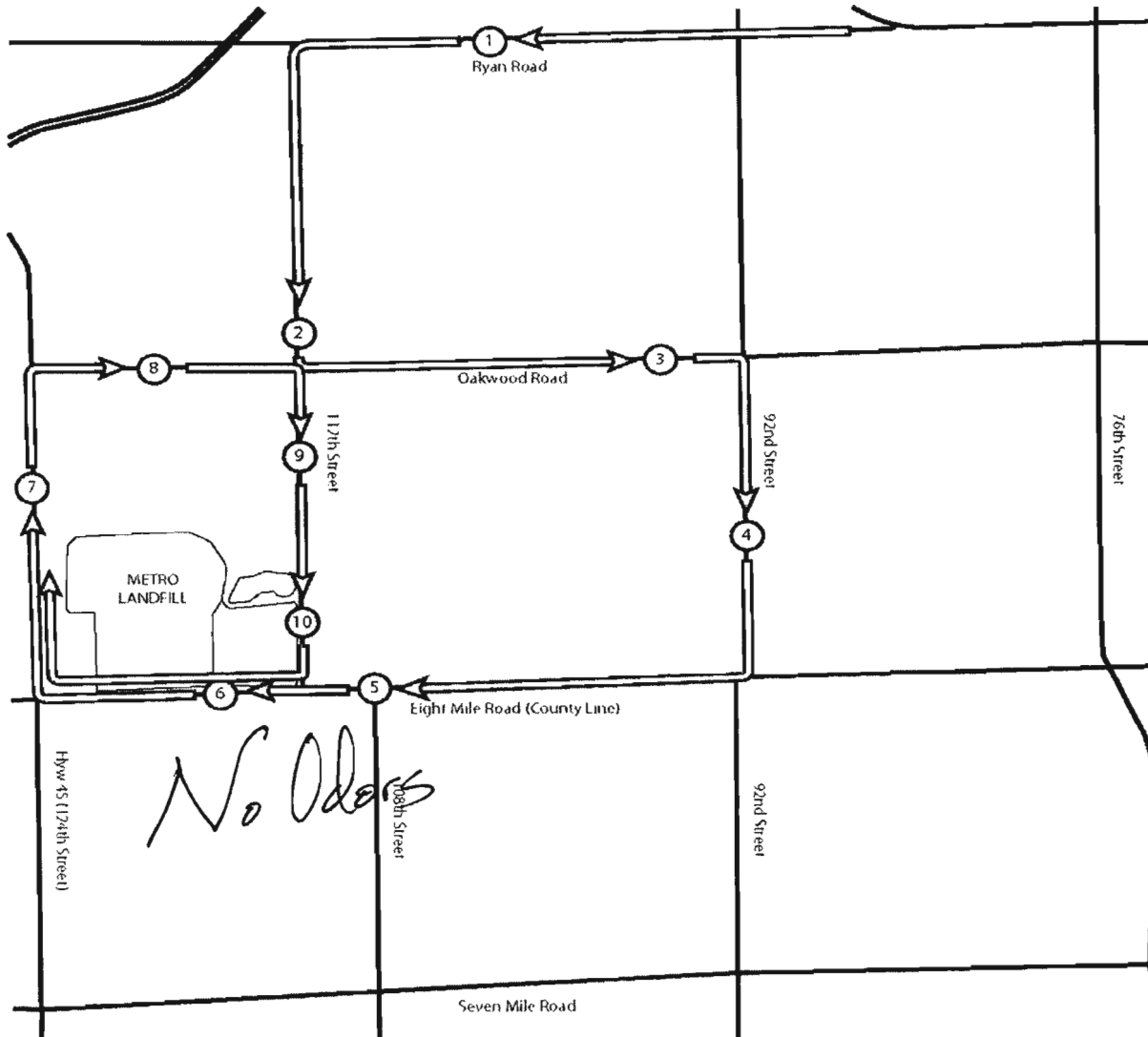
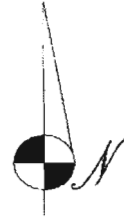
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 7225 WEST VINE STREET
 MILWAUKEE, WI 53212-3926
CIVIL ENVIRONMENTAL ENGINEERS

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



Active area



Working face with previous day's faces open about it, with poor tarp coverage



North end of Phase 9, intermediate cover in good shape



Final cover placement in Phase 6 & 7 South Slope



Final cover placement in Phase 6 & 7 South Slope



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 11/21/14

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 17, 2014. The Audit was performed at 2:49 PM, on **November 17, 2014** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

The following bullet items were developed from the **Operations** Audit:

- Working face in Southern portion of Phase 9, at end of lift
- Loads of Bio-soils being tipped in Phase 7; MSW in Phase 9
 - Slopes of active area covered with graded top soil, ready for seeding
- One compactor, one dozer and one roll-off truck in use during audit
- Tarps, sand and soils supplying daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- Gas destruction 2,300 cfm
- Operation has smoothed since repair of oxygen leak

- One storm event since last audit, approximately less than 1"
 - In form of snow
 - Site surface water is frozen except for water in basins
- No odors
- Periodic Liquid loads
- Litter both on and off-site
 - One active litter picker
 - Wind moving litter about
- US 45 and 8-Mile Rd clean; site roads clean

- Tipping scale camera and 2 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Waste being tipped is a mix of MSW and soils
 - No rejected loads
 - Random load inspection 11/17/14
- Residential drop-off area was open
 - Cleaning activity during audit

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

Comments:

- No construction contractors on site this week
- Seeding over areas disturbed during construction complete
- Ditch restoration expected to be done next week
 - Contracted work

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

WMWI - METRO LANDFILL
LANDFILL OPERATIONS AUDIT FORM
CITY OF FRANKLIN

PROJECT NO. 1036.10056

DATE November 17, 2014
Auditor on site at: Open Close

TIME 11:30

WEATHER Clear Sunny some flurries

WIND 10-20
N S E W

TEMP Maximum 26 °F Minimum 12 °F

B.P. 29.73

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Southern portion of
Phase 9, ending a lift.
Bio Soils being tipped in Phase 7



Cover Material:

Tarps, sand, and soils

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
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	#	0		
Destructed Volume:	#	2,300	cfm	

Comments:

Smooth operation since oxygen leak repaired

D. Surface Water Management:

Storm Events Since Last # 1 Est. Volume 21"

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

Since fall only site surface water frozen except for Basins

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	# 1

Comments:

Winds moving litter about

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 and 8 Mile Clear
Site roads clear

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"/>	#	2
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						11/12/14
Average Tonnage:						1,400 TPD

Comments:

M&W & Soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		None

L. Residential Drop Open During Audit

Site cleaning during audit



L. Other Comments:

* Seeding over constructed portions complete

* Ditch restoration expected next week.
to be done by contractors

* No construction contractor on site this
week

Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

[Handwritten Signature]
Sp. Walter Spear, Jr.
[Handwritten Signature]
Daniel Otzelberger
Site Engineer

Date: _____

Date: _____

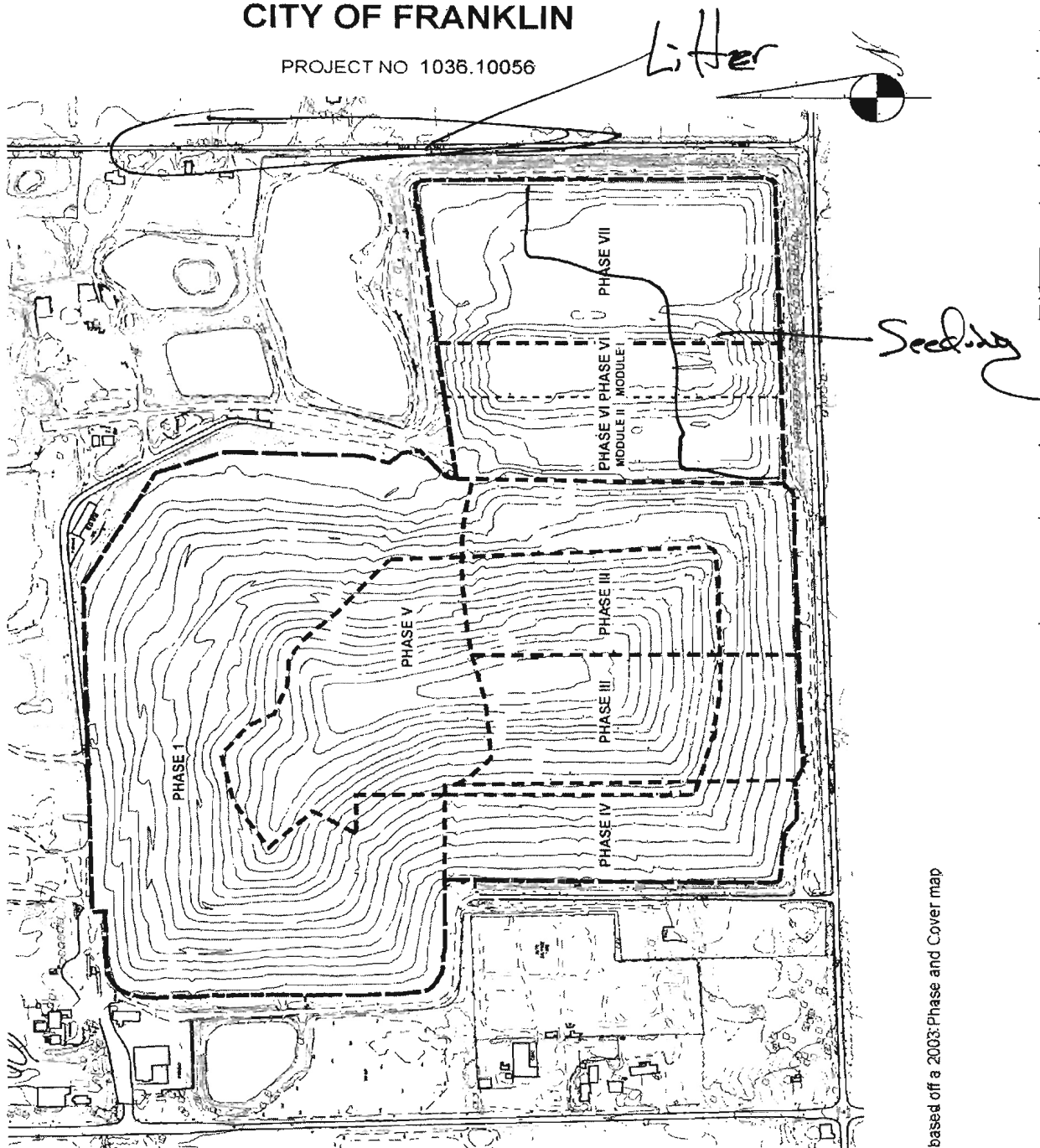
Date: _____

11/18/14
11/18/14



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056

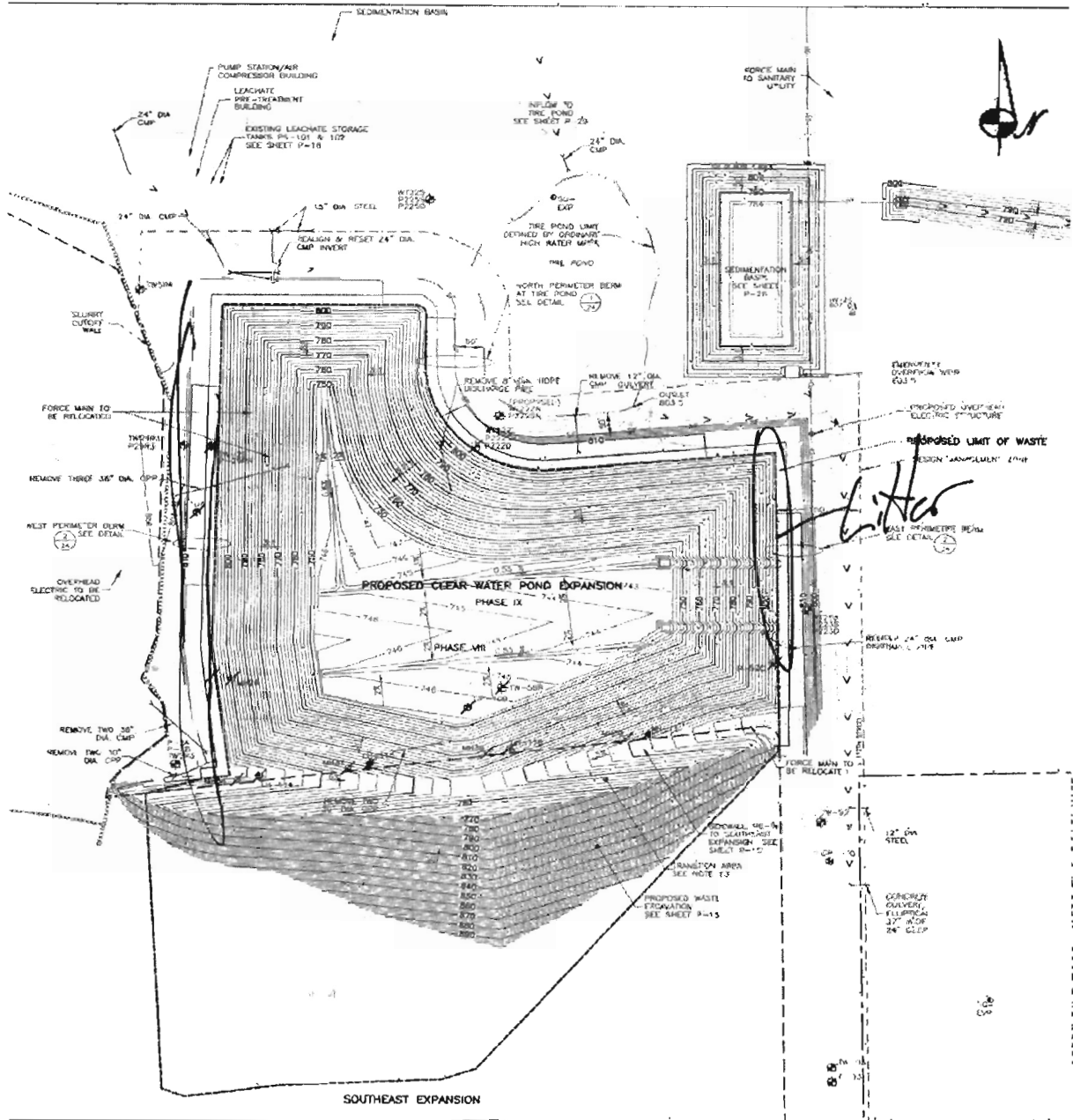


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

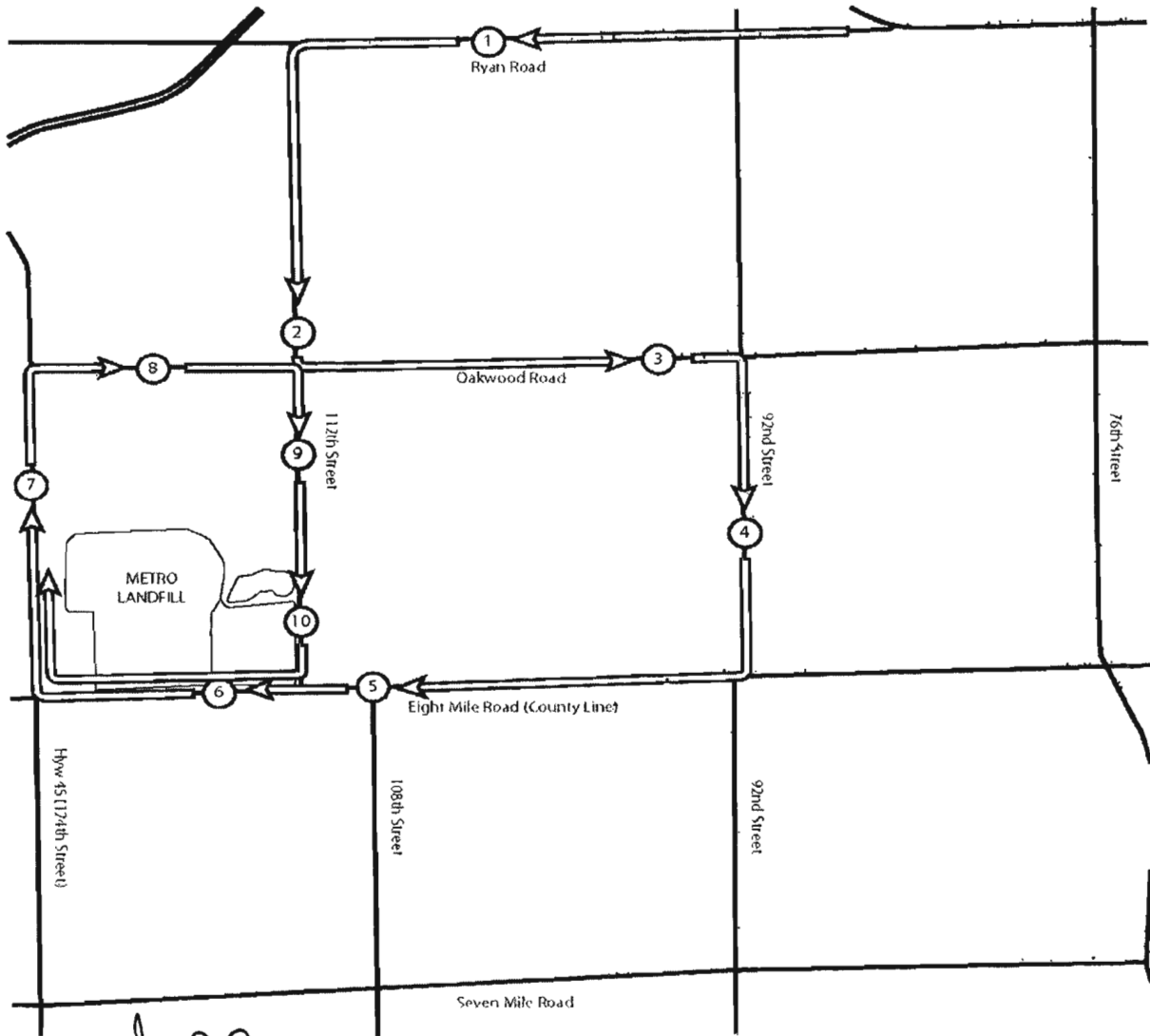
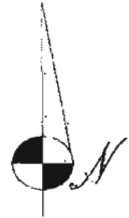
PROJECT NO. 1036.10056




J & S PEAK ASSOCIATES
 1335 WISNIE CENTER STREET
 MILWAUKEE, WI 53213-2148
CIVIL ENVIRONMENTAL ENGINEERS

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



No Odors



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Active area



Working face, previous days cover in good condition



Median of Phase 9



Final cover/cap system, East slope



Western slope of Phase 9

December



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: **01/14/15**

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of December 8, 2014. The Audit was performed at 3:05 PM, on **December 9, 2014** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

The following bullet items were developed from the **Operations** Audit:

- Active working face in Northwest corner of Phase 9
- Incoming C& D materials tipping in Phase 6
- Adding cover to side slopes of Western portion of Phase 9
- One compactor and two dozers active during audit
- Landfill direct soils, foundry sands and tarps in use for cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines operating
- 2,400 cfm gas destruction
- System operating well since gas system repairs completion

- Two storm events since last audit, less than 1' accumulation
 - Rains were minor but site conditions are sloppy and wet
 - Surface of basins appear to be frozen

- Odors on-site; no odor off site
 - Gas odor significant above Phase 6
- Periodic Liquid loads
- Litter present both on and off-site
 - Off-site litter in trees from previous windy conditions
 - Site litter mostly in ditches
 - Two active litter pickers
- US 45 and 8-Mile Rd clean; Site roads mucky and wet
 - Tracking in entrance areas

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Waste being tipped is a mix of MSW, Special and Foundry sand and minor C&D
 - No rejected loads
 - Random load inspection 12/6/14

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos

- Residential drop-off open during audit
 - Area clean
 - In and out roads wet & muddy
- New cap and South slope of Phase 9 still needs to be finished and seeded
- Remaining slopes turning brown due to impact of cold weather

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 December 9, 2014
 Auditor on site at: Open Close

TIME 3:05

WEATHER Overcast + possible rain or snow

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

TEMP Maximum 35 °F Minimum 24 °F B.P. 30.35

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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 Northwest corner of Phase 9
CD Materials being tipped up side Phase
6.
cover being added to side slopes of
Western portion of Phase 9



Cover Material:

Site soils, foundry sands, and 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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#			
Destructed Volume:	#	2,400	cfm	

Comments:

System operating well since gas system repair

D. Surface Water Management:

Storm Events Since Last # 2 Est. Volume 21"

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

Minor rains, but site conditions are sloppy and wet. Basins appear to have frozen surfaces

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Gas odor onsite above Phase 6

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
Litter Present Offsite:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	trees
Pickers Active:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	# 2

Comments:

Offsite litter in trees from previous windy days. Site litter in ditches

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. Tracking about entrance Site roads quite muddy and wet.

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:	12/6/14			
Average Tonnage:	1,400 TPD			

Comments:

MSW, Special, Foundry sand, and misc (FD)

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

L.

Residential Drop	Open During Audit	<input checked="" type="checkbox"/>
------------------	-------------------	-------------------------------------

Site clean other than wet roads in and out



L. Other Comments:

* Site seeding on ~~the~~ new cap of South Slope of Phase 9, not yet taken. Remaining slopes are turning brown from cold impacts

Auditor's Signature:
Auditor's Printed Name:
Management Signature:
Management Printed Name:
Management Title:
JSA Principal Signature

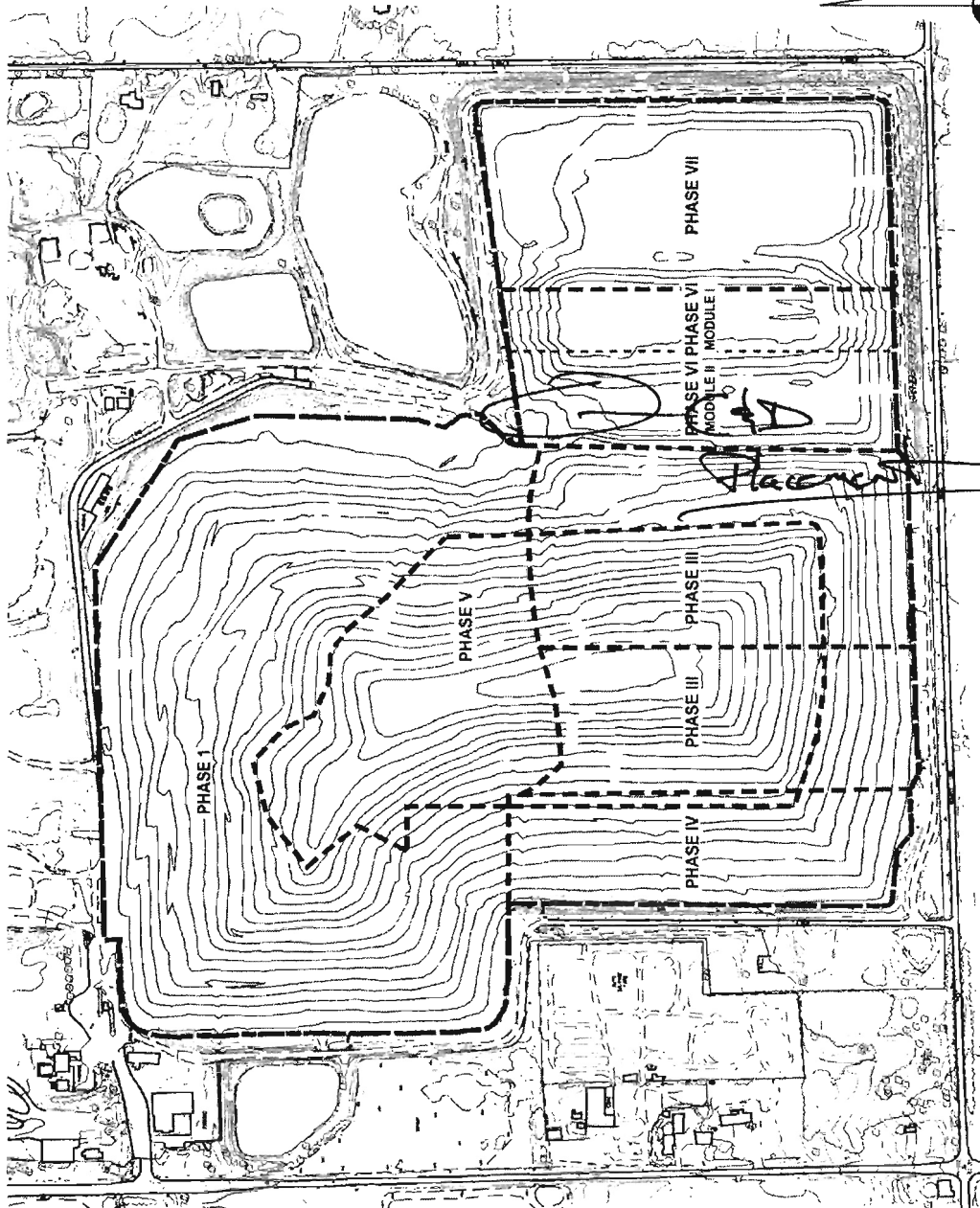
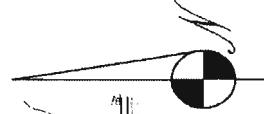
[Handwritten Signature]
J. Walter Spear, Jr.
[Handwritten Signature]
Daniel Otzelberger
Site Engineer

Date: 12/9/14
Date: 12/9/14
Date:



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

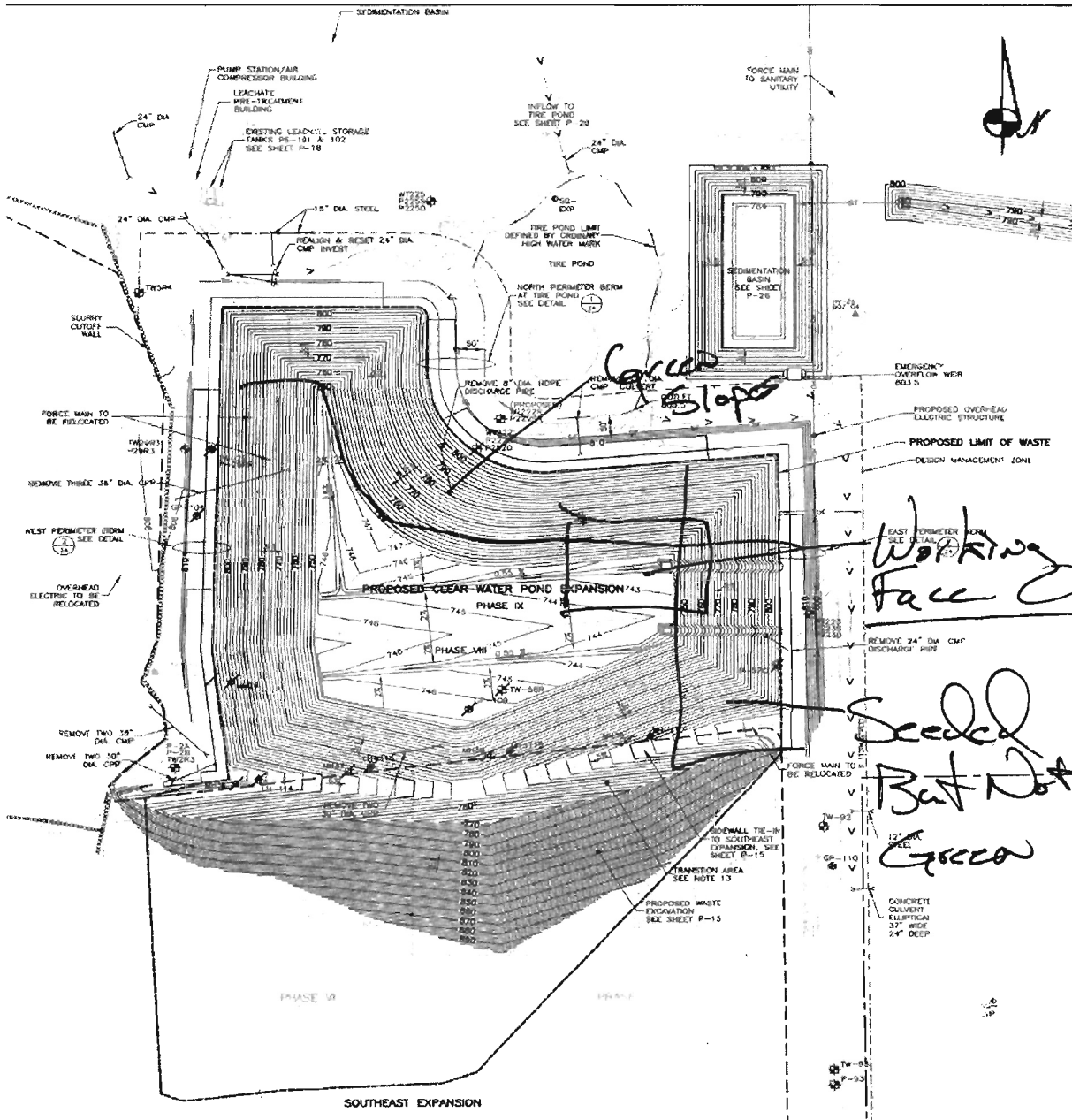


based off a 2003 Phase and Cover map



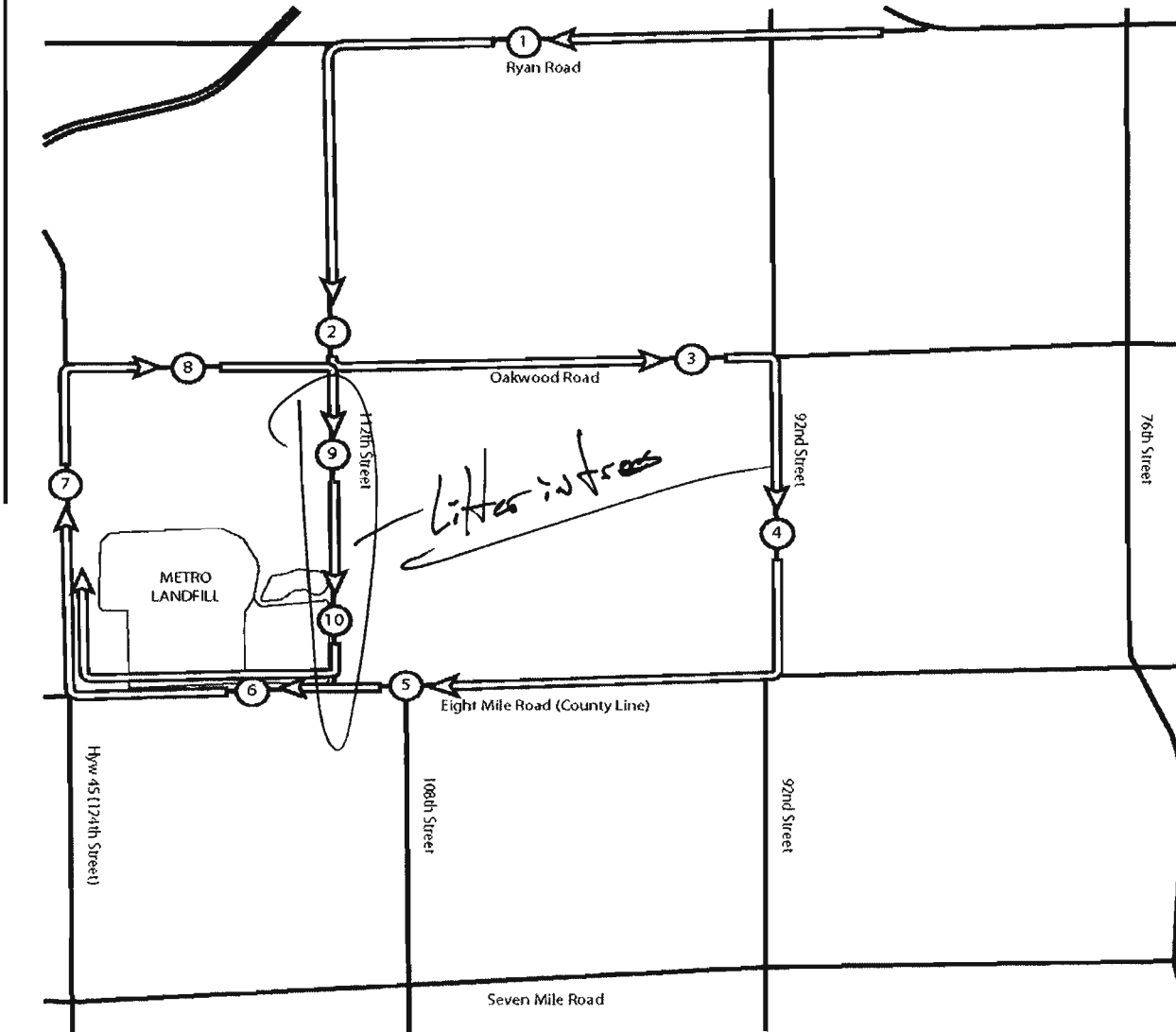
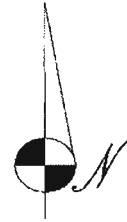
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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



South edge of Phase 9



Soil being placed over previous days cover



Working face in Northwest corner of Phase 9



Phase 9 seeded side slope



Phase 9 seeded side slope



"Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and Disposal Facility (METRO) Monitoring Committee - City of Franklin

FROM: Faith Spear

COPIES: File

DATE: 01/16/15

PROJECT NUMBER: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of December 22, 2014. The Audit was performed at 12:03 PM, on **December 22, 2014** by Jo Spear Jr. in the presence of Travis Thorson, District Manager

The following bullet items were developed from the Operations Audit:

- Working face in middle of Phase 9
 - Turning to nearly complete lift
- One compactor and two dozers working during audit
- Landfill direct soils and tarps in use for daily cover

- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- No shut downs since last audit
- Staff working to restore second turbine today
- Gas destruction 2,500 cfm

- One storm events since last audit, approximately 1"
 - Minimal rain/snow since last audit
- Site conditions freezing

- No odor on or off-site
- Periodic Liquid loads
- Some litter off-site; minimal litter on-site
 - Litter in trees and fences along 112th Street
- US 45 and 8-Mile Rd clean
 - Improved since last audit when there was tracking on public roads

- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
- No rejected loads
- Random load inspection 12/19/14
- Residential drop-off open during audit
 - Quite busy during audit
 - Area clean
 - Boxes full

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



CIVIL ENVIRONMENTAL ENGINEERS

325 West Vine Street / Milwaukee, WI 53212-3606 / 414-263-2122

Comments:

- No odor control used during 2014
- Two odor complaints in 2014
- Concentrated litter picking on Hwy 36 on Friday and Saturday of last week 12/19 &20
- Leachate seep in North slope of Phase 6 repaired earlier in December

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill 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 December 22, 2014
 Auditor on site at: Open Close

TIME 12:05

WEATHER Overcast, possible rain

WIND 10-15
 N W

TEMP Maximum 37 °F Minimum 37 °F B.P. 29.94

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Compactor						
<u>2</u>	Dozer						
	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
bring lift around to nearly
complete lift.



Cover Material:

Site soils and 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"/>	#	
Turbines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	4
Shutdowns Since Last Audit:	#	0		1
Destructed Volume:	#	2,500	cfm	.

Comments:

Trying to restore second turbine today
GG

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:

Minimal rain/snow fall since last audit
Site conditions freezing

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors

F. Liquid Loads Recieved:

Periodic



G. Litter Control:

Litter Present Onsite:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	
Litter Present Offsite:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	
Pickers Active:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	#

Comments:
Litter in off site trees and fences along 112th Street

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-15 & B Mile clear, improved since last weeks trucking conditions

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:	<i>12/19/14</i>				
Average Tonnage:	<i>1,400 TONS</i>				

Comments:
MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		<i>None</i>
2.		

L. Residential Drop Open During Audit

Boxes full, actively dumping during Audit



L. Other Comments:

- * No odor control used in 2014
- * Two odor complaints in 2014
- * Litter picking on Hwy 36 on Friday & Sat of last week, Dec 19, 20
- * Leachate seep in North slope of Phase 6 repaired earlier in December

Auditor's Signature:

[Handwritten Signature]

Date: 12/22/14

Auditor's Printed Name:

Jo-Walter Spear, Sr

Management Signature:

[Handwritten Signature]

Date: 12/22/14

Management Printed Name:

Travis Thorson

Management Title:

DM

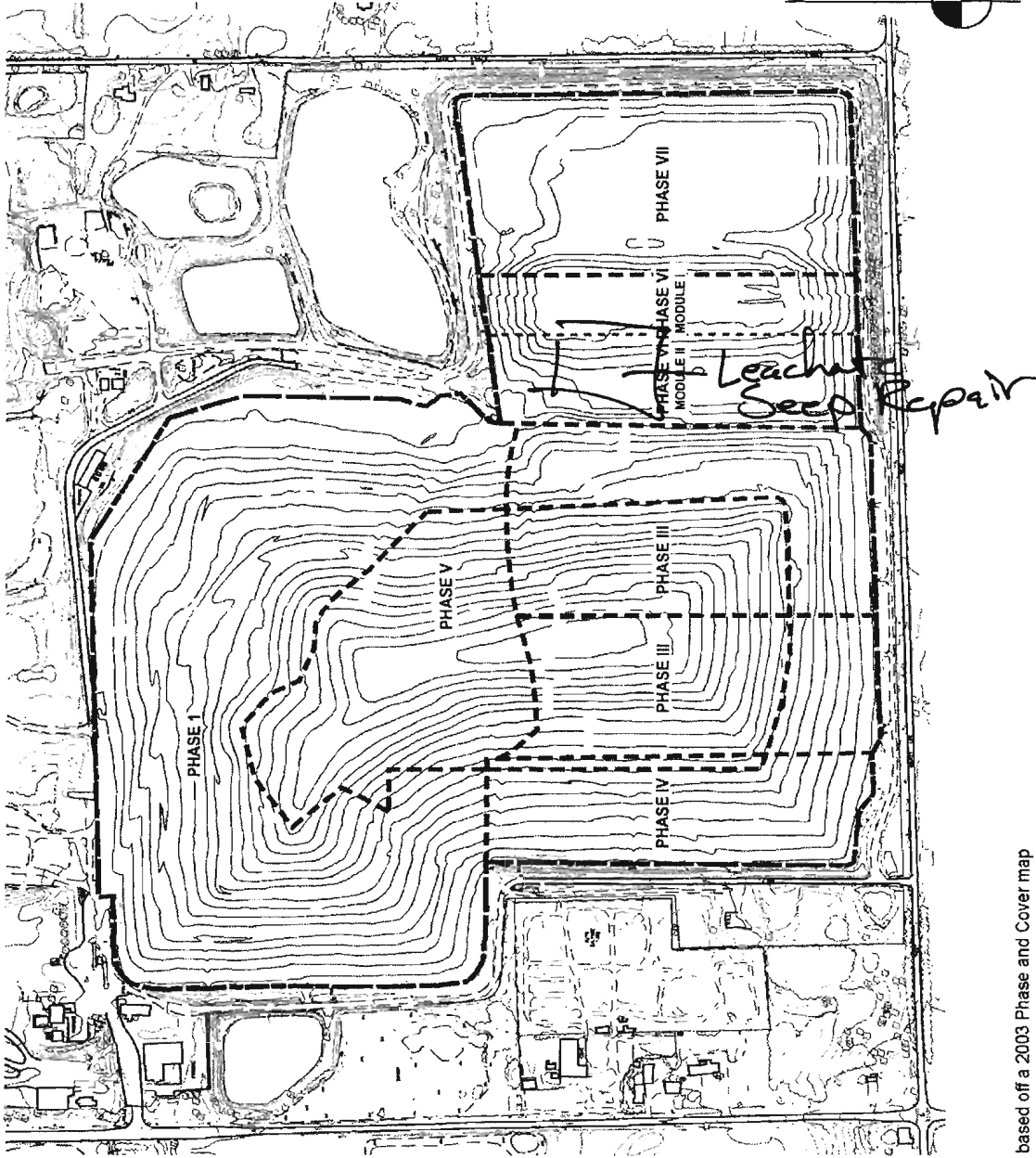
JSA Principal Signature

Date: _____



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056

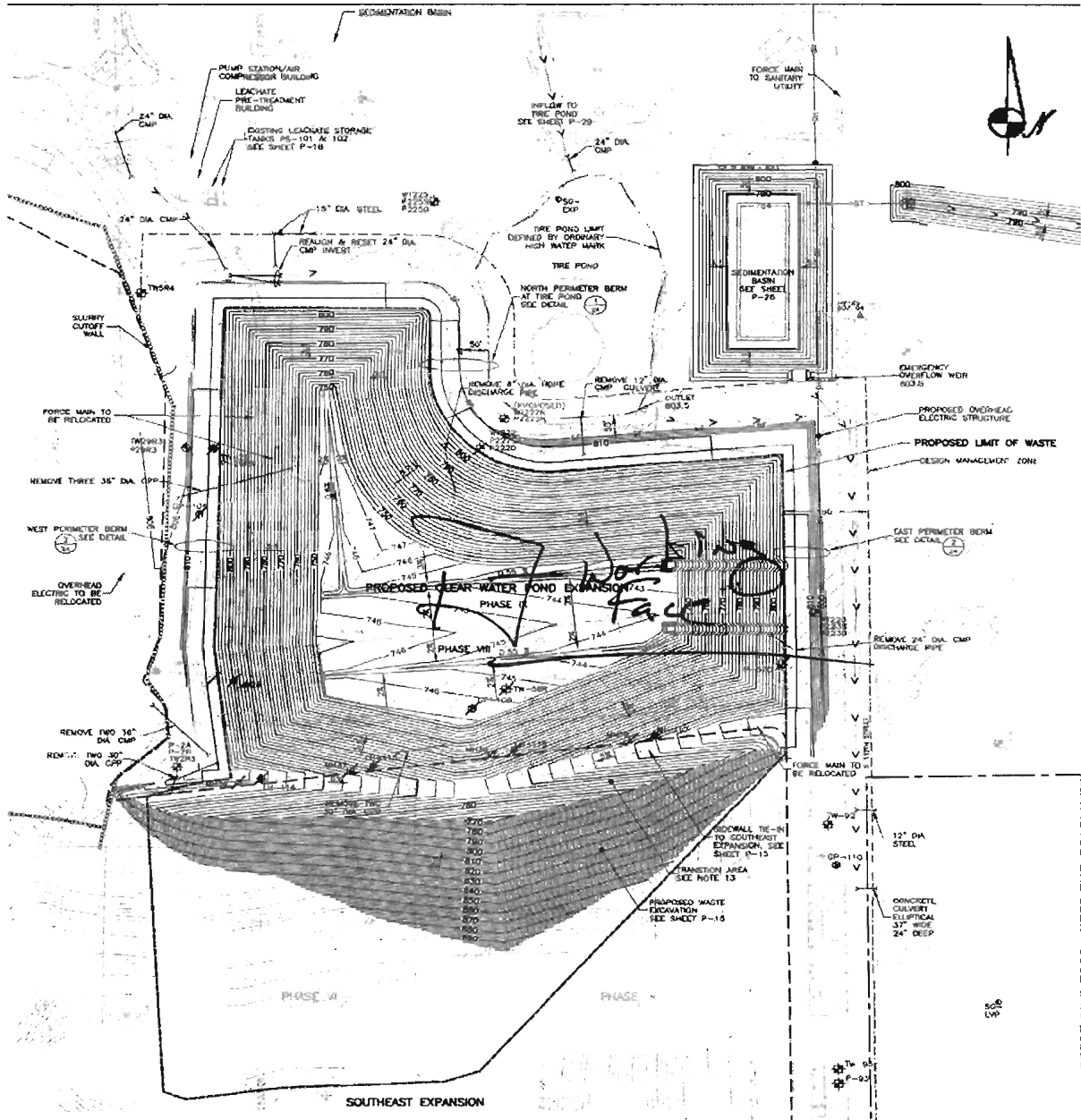


based off a 2003 Phase and Cover map



WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

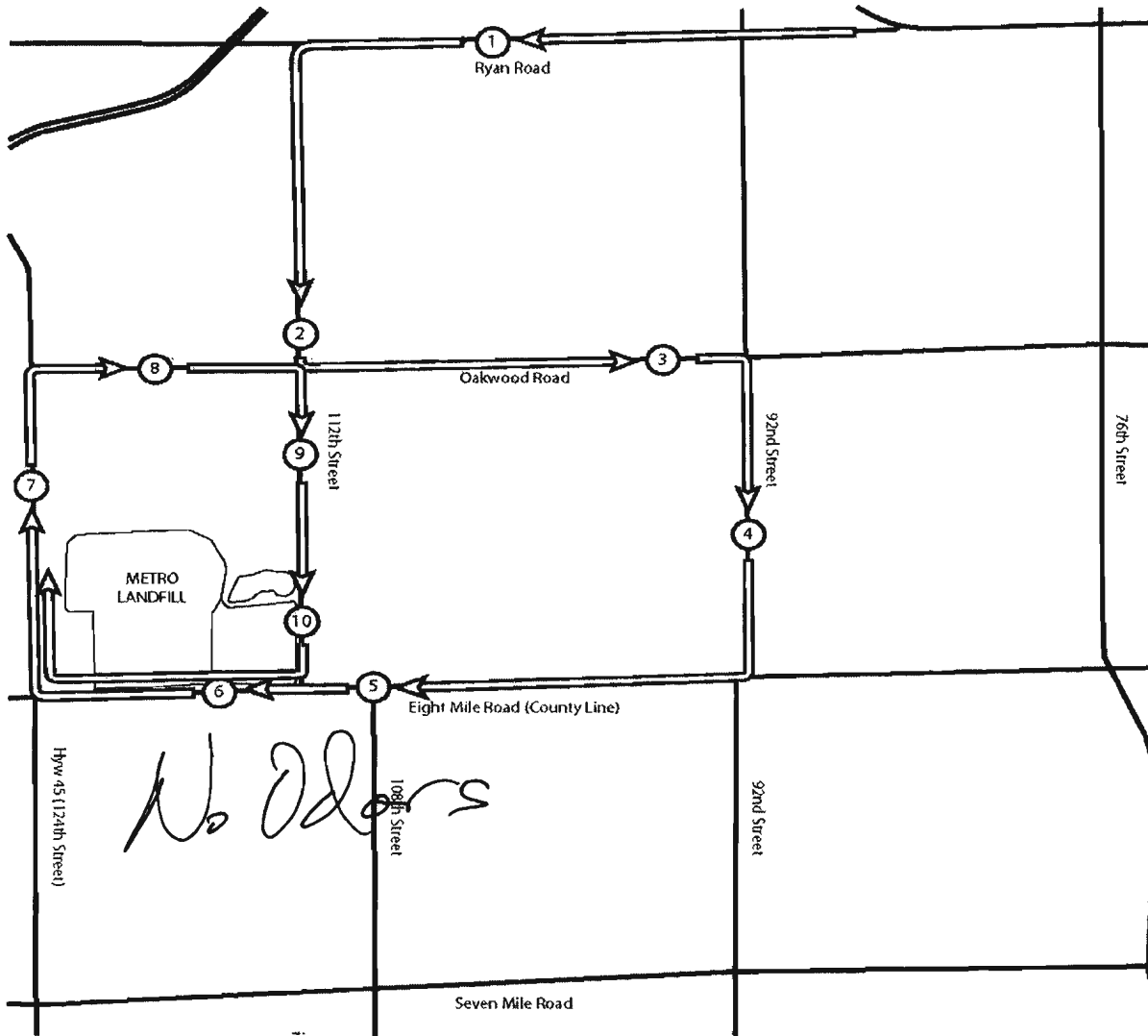
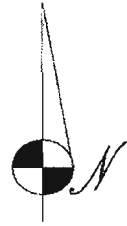
PROJECT NO. 1036.10056




J SPEAR ASSOCIATES
 825 WEST VINE STREET
 MILWAUKEE, WI 53212-3606
**CIVIL ENVIRONMENTAL
ENGINEERS**

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



Seep repair on North slope of Phase 6



South end of active area



Working face in Northeast corner of Active area, Phase 9