



2020 Year End Summary of Audits of the Metro Disposal and Recycling Facility



Prepared For:
City of Franklin Waste Facility Monitoring Committee



Annual Report

2020 Year End Report of Audits of the WMWI Metro Recycling and Disposal Facility

TO: Waste Facility Monitoring Committee (Franklin, WI)
FROM: Jo-Walter Spear, Jr., P.E.
COPIES: File
DATE: 02/04/2020
PROJECT NUMBER: 1036-10066

JSA Environmental (JSA) has maintained a Contract with the City of Franklin (City) to provide Professional Engineering Services, in regards to the Waste Management Wisconsin Inc. Metro Recycling and Disposal Facility (Metro), since November of 2004. During that time JSA has reported to the Waste Facility Monitoring Committee (WFMC), providing the following services:

- Attendance to all WFMC Meetings
- Auditing of the Operations and Construction of the Waste Facility (Metro)
- Monitoring of odor conditions on and about the Waste Facility, including maintenance of an Odor Complaints Database.

JSA performed twenty four (24) site visit audits of the Metro Facility during 2020. JSA conducts audits on a semimonthly schedule, a practice established in July of 2006. No additional site visit audits were necessary, nor conducted during 2020¹. There were no audits that were rescheduled due to no management being present.

All audits were performed in the presence of Metro Facility staff Travis Thorson, District Manager or under his permission during COVID 19. Ryan Baeten, Site Engineer, was the WM representative present for one audit in 2020. Audits were performed during operational hours of the facility on week days only.

Audits are recorded on "Audit Forms", approved by the WFMC and Metro. The form is reviewed by both auditor and a Metro representative at the end of each audit prior to signing by both parties. Audit observations are supported by photographs taken in conjunction with the audit. Should a compliance issue be observed it is recorded as an "Action Item" and included on a tallying list of action items for the year. In addition to the audit form, audit photographs, and action item list; a summary of the audit observations is created and included in the final deliverable document. The

¹ Additional audits would be construction, closure, or at the request of the Committee

deliverable audit document is placed upon the JSA Web page; www.JSAcivil.com/pages/audit/Franklin. The summary of the 2020 Metro audits is in a format to match the recording completed on each Audit Form, reflecting the changes with the new form.

Coronavirus Disease identified in 2019 (COVID-19) Impacts

Starting on March 30, 2020; JSA Environmental and Waste Management began engaging CDC guidelines and common sense. Audits were not conducted in a shared vehicle for the remainder of 2020. Audits were conducted in the open adjacent to North Expansion West (NEW) or over the phone between the Auditor and Site Manager.

As of the drafting of this report, COVID-19 auditing procedures are ongoing. The auditor has not been past the scale house since March 11, 2020. All photos were taken at the edge of property or from the gas house adjacent to NEW.

Weather Conditions

The weather conditions during the audit were recorded visually and from the weather stations within the area of the landfill. In 2020 all weather data was recorded from National Oceanic and Atmospheric Administration (NOAA), via their web page at www.noaa.gov.

Precipitation events are monitored as well, these events have an impact on the structural integrity of the site's slopes, drainage ways, and basins. Wet cover materials have a tendency to seal in gas and dry conditions have a tendency to allow it to escape. Weather conditions also impact maintenance, access, and use of the site.

Rainfall values were up in 2019 and up again in 2020, both years average above forty inches (40") of total annual precipitation. This is eight inches (8") or 25% more precipitation than used in the site design.

Equipment used in Landfill Operation

The Metro facility had one waste trailer tipper, one waste compactor, and two bulldozers in operation on the working face of the landfill for the majority of audits. When using site soil and/or recovered tipped soils for daily and intermediate cover the site employed the use of an excavator and haul truck to move soils recovered from previously tipped wastes in North Expansion West (NEW) or from stockpiles. One water truck was available and used during dry dusty conditions.

In February of 2020, Phase 2 of NEW was approved for waste placement. After approval, the use of two compactors became more frequent on the site with the use of one on a working face of Phase 1 and Phase 2 of NEW respectively. During the operation of two working faces the site continued to operate a waste trailer tipper and two to three bulldozers in addition to the aforementioned compactors.

The Metro facility does not possess a street sweeper; however they have maintained a contract with a sweeping company to sweep US 45, and site roads three times per week. The sweeping events may not have occurred three times every week, however there were no Action Items pertaining to road conditions outside and within the site.

The development of the North Expansion Waste did require the development of paved access from US 45 to the entrance to NEW. This paved area was also cleaned by contractor or by the power brush WMWI has mounted on a skid steer. When necessary the skid steer power brush was used on US 45.

Though no Action Items, there were three audits that recorded tracking from the entrance on US 45. The tracking is mostly generated by the damaged pavement and ponding that the recycling operation; North of the site office, trucking creates. Debris in the left turn lane was also recorded in audits, but the frequency was reduced based on audit history back to 2017.

Working Face

Metro maintains a working face that fluctuates in size, its averaged larger in NEW during 2020 than in previous years and other Phases. Waste volumes dropped off in 2008, waste production is known to be dependent on the economy; lower volume equates to smaller working faces; as waste volumes have equalized over the last 12 years (~2,000 to 3,000 tons per day) so has the consistency of working face size. Weather conditions impact the working face size as well; during inclement weather the working face would be smaller. In 2020 the site employed the use of Working faces that were over a half acre in size and often below grade.

The facility maintained a working face for Municipal Solid Waste (MSW), Construction Demolition wastes (C&D), and special wastes in NEW. Several soil projects were conducted during 2020 and the waste soils were stockpiled in NEW Phase 1. Clean soils were stockpiled with the existing stockpile from the NEW excavation.

During eight(8) audits, the site was operating two separate working faces. Often these working faces were separated by elevation with the trailer tipper placed on the lower working face. Prior to completion of the fluff layer in June, the site would push “fluff” material from the working face in Phase 1 into recently constructed Phase 2². Upon the completion of the fluff layer in Phase 2, waste was placed primarily in Phase 2 until late October when the Phase crested the landfill footprint.

Cover Material

The daily cover used by Metro consists of recovered soils, site soils, foundry sands, MRF seconds, and tarps. Since excavation began for North Expansion West, the site has been soil rich for cover and the use of cover was greatly improved. Additionally, waste soils were stockpiled within the landfill footprint and dredging materials for future daily cover.

The use of tarps in Phase 2 during initial waste placement resulted in poor cover appearance, but the site did not appear to release additional odors or have litter issues. After Phase 2 crested cover appears to be soils and other “non-tarp” alternative daily cover(ADC).

Leachate Management

Metro has a permit to receive liquid wastes. The site appears to have averaged receiving liquid loads approximately once per week and the highest frequency of three per day. This is consistent with the last several years of operation. The frequency, and thereby volume, of liquid waste did not increase after May when Emerald Park stopped receiving the waste type.

Leachate is not only generated by the receipt of liquid wastes, but also by the moisture content of all wastes received; and lastly by the volume of precipitation that falls on uncapped areas of the landfill. As mentioned previously the volume of precipitation in Wisconsin has significantly increased the last two years. The Metro facility has not had any leachate management issues. Collected leachate is pumped off site through a force main and is treated off site as well.

2 During the placement of the fluff layer, the spreading of fluff was not considered a separate working face

During 2020 the cap of the Clearwater Pond Expansion (CPE) was restored and completed. The CPE, Phase 6, and Phase 7 are still generating leachate; but there was no evidence of leachate issues or seeps in 2020.

Gas Monitoring & Management System

Metro operates three (3) engines and one (1) turbines to destruct landfill gas (LFG). In addition the site has one emergency flare. The system had numerous improvements, maintenance, and repairs over the year. A 24” gas header was installed to provide the vacuum to the existing and future gas well field in North Expansion West. Gas collection wells were also installed in Phase 1 of NEW, which are connected to the newly installed header.

In 2016 a turbine was taken offline and has not been restored. In 2019 an engine failed and the budget has not been committed to repair the engine. Currently, the site has more than enough “destruct” capacity in the three engines, one turbine, and flare to manage LFG generated at the facility. However, the flare is the overflow for the system to meet the destruct necessary. Predominantly, when the flare is lit the rest of the system is at maximum capacity. The flare use was recorded during all audits in 2020 to meet the destruction requirements of the system. The quality and volume of the gas has increased during 2020 averaging 3,000 cfm of landfill gas.

Surface Water Management

Metro maintained its four basins throughout 2020 and only partially maintained thousands of feet of conveyances. Ditch cleaning had been an issue, but not an Action Item since 2016. Perimeter ditches were well cleaned about the Clearwater Pond Expansion during the restoration and completion of the Cap. Spring of 2021 will require the site to do additional ditch cleaning and maintenance due to erosion.

A non-draining Temporary Sedimentation Basin was constructed adjacent to North Expansion West. The Temp Sed Basin is at a similar elevation to the floor of the cells and is pumped into the landfill surface water system. The site has to maintain the pump for the Temp Sed Basin to keep the basin below and overflow level. Failure to drain the basin will result into over flow into NEW.

As of March 11th, JSA has not seen the Temp Sed Basin; however the manager does provide updates of its condition during audits. There has been no occurrence of basin overflow or flooding of the Temp Sed Basin to date.

Odor Control

Odors during audits were detected off-site on three(3) occasions and six(6) occasions on site; another five(5) occurrences were attributed to Emerald Park. The offsite odors were all waste based odors detected on Oakwood Road or US 45. The Onsite odors were all at the scale or gas house and were waste based as well; with the exception of one recorded Landfill Gas (LFG) odor that dissipated before the end of the audit. Due to capping and gas extraction there were no odors from the Clearwater Pond Expansion (CPE), which had been a reoccurring issue prior to 2019.

There were a sufficient number of odor complaints made to the City of Franklin directly and also recorded on social media³. These odors were investigated and deemed to be contributed by other sources and not the WMWI Metro Facility. The odor complaints received and identified to be generated by Metro totaled three (3) in 2020⁴.

3 Nextdoor and Facebook

4 Information provided by Metro

Special Waste Handling

Waste profiles, sampling, and protocols are done off site from the Metro Facility. This item remains on the audit should a new waste be accepted. Common special wastes received are asbestos, bio-soils, and liquids. The asbestos is entombed and untouched, bio-soil is stock piled for treatment and future re-use. Metro received a permit to receive liquid wastes in 2009 and continues the practice to do so. During 2020 Metro received liquid loads at a rate of at least once per week with a high volume of three per day.

Litter Control

Metro implements two litter fence types about the active area. One is the tall litter fence, over twelve feet tall, set about East perimeter of both the NEW and CPE. The second litter fence type is a six foot mesh fence that is placed about the site where needed; new fencing being installed as the waste mass rises. These fences are specifically for litter; with additional security perimeter fencing that also captures litter. Temporary fences are placed and removed as the landfill construction and waste placement causes footprint and elevation changes. All 2020 audits recorded litter on site mostly about the East and South portions of the NEW; mostly beneath the tall litter fence. Litter was recorded three(3) times offsite; which is an improvement over all years of recorded audits.

JSA records offsite litter whenever present on each audit, if the litter condition is present at the next audit it is recorded as an Action Item. There were no repeats of litter conditions off site and no action items.

Vehicle Impacts

There were more occurrences of tracking or left lane debris on US 45 in 2020 than there has been in the past. The frequency of occurrence has increased in the last quarter of 2020. This increase has yielded eight(8) times that tracking or debris has been an issue.

There were no issues with the road conditions on 8 Mile Road or 112th Street in 2020. The landfill is bordered by Oakwood Road as well, but there is a significant barrier between operations and Oakwood Road, without entrance or egress connection.

Inspection of incoming waste

Metro uses numerous cameras, viewable by the scale operator(s) in addition to recording, to monitor both truck activities and contents. Each equipment operator on the working face is able to observe the waste components when tipped from the haul vehicles. Metro does not make use of spotters nor does it have working faces that are not monitored by Metro staff. With the completion of North Expansion West and its additional Phase construction the site grew from four equipment operators to six in 2020.

All Wisconsin permitted landfills are required to perform a random load inspection for every 5,000 tons of waste received. In 2020 proper random load inspection performance was recorded during all audits.

Rejected Loads

There were no rejected loads recorded in 2020.

Construction Audit

In 2020 the site made use of many contractors and vendors. The primary activities in 2020 were the continuing excavation and berm development of North Expansion West. Additionally, at the start

of 2020 contractors engaged in the completion and restoration of the Capping Project of the Clearwater Pond Expansion. Other contractor activities included gas collection well installation, street cleaning, concrete grinding, etc.

The Expansion Northwest started in late 2017 with the excavation of the expansion area. Due to weather impacts the Expansion limits were reduced so that the cell could be constructed and approved within 2018. However, site operational approval did not occur until mid January 2019. Construction of Phase 2 was completed very early in 2020 and approval for waste placement occurred in February.

Action Items

There were no Action Items in 2020.



January

JS Environmental

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.

COPIES: File

DATE: 01/08/20

PROJECT NUMBER: 1036-10066

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of December 29, 2019. The Audit was performed at 2:55 on **January 6, 2020** by Jo Spear Jr. in the presence of Travis Thorson, District Manager. The previous audit was performed on December 16, 2019.

Weather conditions were some clouds and very sunny;with winds out of the West

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

- A) Working Face and Location
 - Working face in North Expansion West (NEW) only, at Northwest corner of NEW.
 - Tipper tipping directly North
 - One trailer tipper, one compactor, one excavator, and two bulldozers in use
 - Cover consists of MRF Seconds and tipped waste soils.
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
 - Flare down for a couple hours due to Nitrogen tank issues, tank replaced.
 - Gas destruction 2,000 cfm
 - One engine shutdown on 8/26/19
- D) Surface Water Management
 - Small snow event since last audit, but all melted by audit
 - Site and basins partially thawed
- E) Odor Control
 - Odors from Emerald Park in parking lot
- F) Liquid Loads Received
 - Tipped in North Expansion West
- G) Litter Control
 - One picker active during audit
 - Litter minimal other than in tall fences
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Site roads rough from construction activities
- I) Inspection of Incoming waste
 - Four equipment operators spread over one working face, managing the tipping of MSW
 - Average Tipping 2,700 tons per day
 - Random load inspection on 01/05/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Boxes mostly empty
 - Site clean
- L) Other Comments:
 - Pipe crew installing lines on Clearwater Pond Expansion slopes
 - No other construction activities
 - Box storage yard being cleared for construction activities
 - Leachate collection system construction slowed by rub sheet issues. Should be completed tomorrow

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

A)

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 January 6, 2020
~~January 4, 2020~~
Auditor on site at: Open Close

TIME 2:55 PM

PREVIOUS DATE: December 16, 2019 Completed

WEATHER Some clouds, very sunny

WIND 10-15 MPH
N S E W

TEMP Maximum 39 °F Minimum 27 °F B.P. 30.04

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Trailer Tipper						
<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 on Northwest corner of North Expansion West (NEW). Tipper tipping at North End



Cover Material:

MRF Secants, soils tipped on site

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"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#		6	
Destructed Volume:	#		2,500	cfm

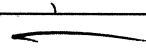
Comments:

Flare down for a couple hours today due to Nitrogen tank. Temp tank is full and replacement expected tomorrow

D. Surface Water Management:

Storm Events Since Last Audit: # 1

Est. Volume



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

Small snow event since last audit all melted site partially thawed

E. Odor Control:

Odors Present:

Onsite



Offsite



Notes on odor monitoring page



Comments:

Odors from Exposed Parts in Parking lot and on top of old well

F. Liquid Loads Recieved:

Tipped in ~~these~~ NEW

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:

Minimal litter other than fence about NEW

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 & Union Church Clean
Site Roads rough

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"/>	#	1/6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	1/6
Random Load Inspection Dates:	1/5/20					
Average Tonnage:	2,700 TPD					

Comments:

MSW #

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site clean boxes mostly empty

L. Other Comments:

* Pipe crew installing lines on Clearwater Point
Cap.

* No other construction activities

* Box storage yard being cleared for
construction activities

* Leachate collection system construction
slowed by sub sheet issues. Should
be complete tomorrow

Auditor's Signature: 

Auditor's Printed Name: _____

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

Management Signature: 

Management Printed Name: _____

Management Title: _____

Travis Thorson
District Manager

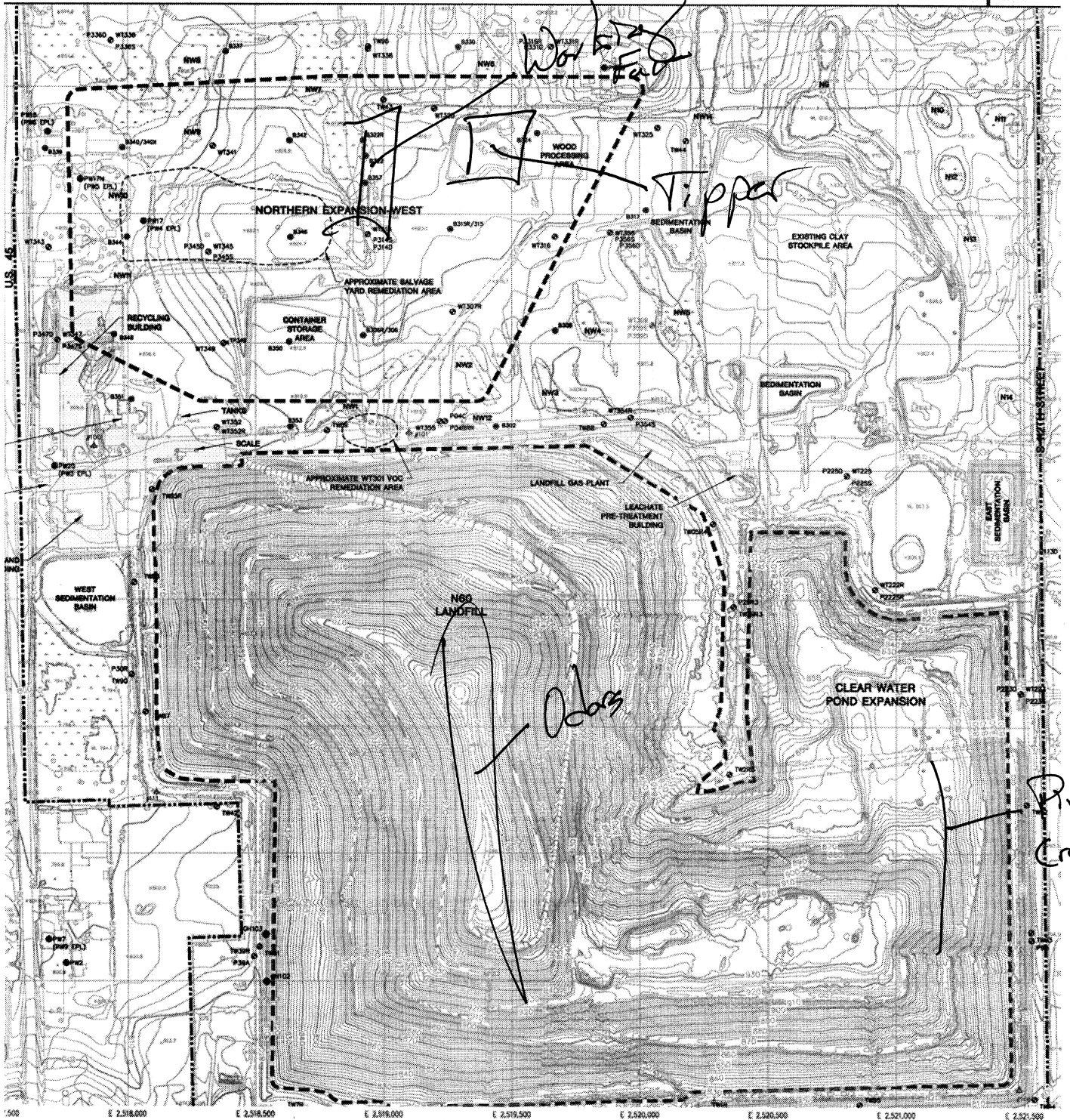
JSA Principal Signature _____

Date: 1/6/2020

Date: 1/6/2020

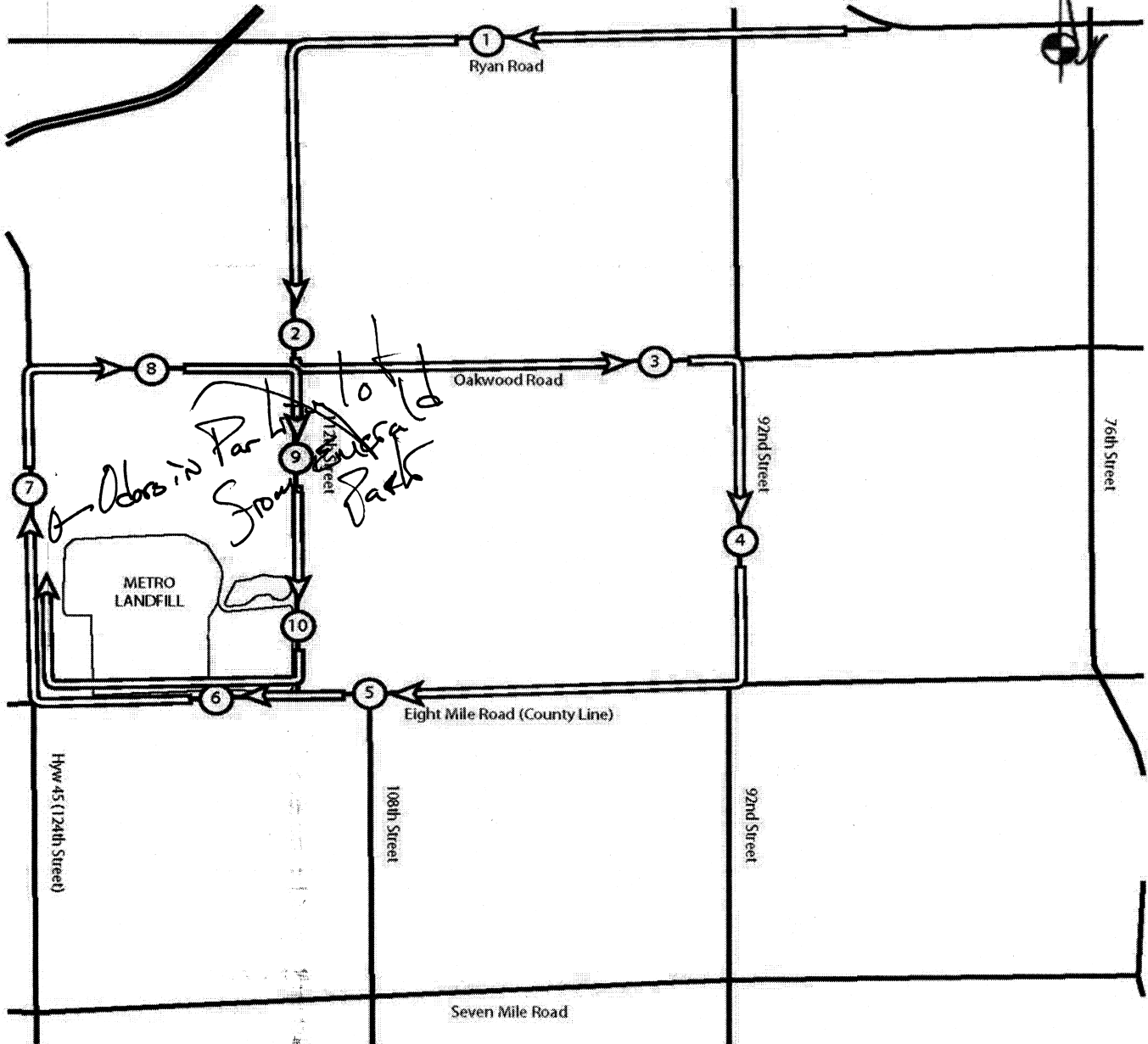
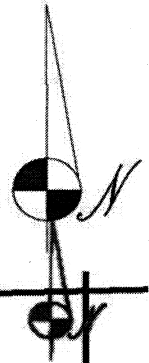
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Phases 6 & 7, "mothballed" until spring for capping





Contractor making connections to gas field in Clearwater Pond Expansion



West slope of Clearwater Pond Expansion



West slope of Clearwater Pond Expansion



Overview of North Expansion West from the South



Eastern edge of North Expansion West



Active area of North Expansion West



West slope of North Expansion West above new cell



New cell portion of North Expansion West (NEW). Leachate collection system placement on hold while rub sheet placement is relocated



Resi-drop-off in operation during audit



Resi-drop-off in operation during audit



Large BIO soil pile undergoing treatment before use in landfill footprint



Large BIO soil undergoing treatment before use in landfill footprint



Northeast corner of NEW



Northwest corner of NEW



Northern end of NEW

JS Environmental

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.

COPIES: File

DATE: 01/08/20

PROJECT NUMBER: 1036-10066

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of January 19, 2020. The Audit was performed at 2:20 PM on **January 22, 2020** by Jo Spear Jr. in the presence of Ryan Breten, Site Engineer. The previous audit was performed on January 6, 2019.

Weather conditions were over cast with potential snow precipitations

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

- A) Working Face and Location
 - Working face in North Expansion West (NEW) only, at Northwest corner of NEW.
 - Tipper tipping directly North
 - One trailer tipper, one compactor, one excavator, one haul truck, and one bulldozers in use
 - Cover consists of alternative daily and tipped waste soils.
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
 - Two snow events since last audit and sustained temperatures below freezing.
 - Basins and site frozen and snow covered
- E) Odor Control
 - No odors on or offsite
- F) Liquid Loads Received
 - Tipped in North Expansion West
- G) Litter Control
 - One picker active during audit
 - Litter minimal other than in tall fences
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads rough from construction activities
 - The entrance has been tracked
- I) Inspection of Incoming waste

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Four equipment operators spread over one working face, managing the tipping of MSW
 - Average Tipping 1,916 tons per day
 - Random load inspection on NA
- J) Rejected Loads
- None
- K) Residential drop-off
- Boxes mostly empty
 - Site clean
- L) Other Comments:
- Site staff excavating future cell during audit, soils stockpiled on top of Phases 6 & 7
 - No other construction activities during audit
 - No changes to Clearwater Pond Expansion

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

- A) Leachate collection header installed at top of slopes
- B) Cell is technically finished and awaiting approval

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 January 22, 2020
Auditor on site at: Open Close

TIME 2:20 PM

PREVIOUS DATE: January 4, 2020 Completed

WEATHER Overcast possible snow event WIND 10-15 MPH SSW
N E W

TEMP Maximum 34 °F Minimum 28 °F B.P. 30.15

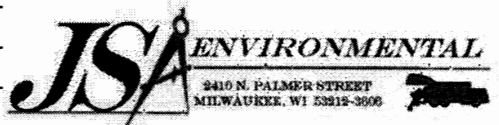
MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
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 is North end of North Expansion West (NEW). No other working faces



Cover Material:

Soils & ADC

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#			
Destructed Volume:	#	NA	cfm	

Comments:

D. Surface Water Management:

Storm Events Since Last Audit:	# 2	Est. Volume	27"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

No snow events since last audit and sustained temps below freezing. Basins and site frozen. Site snow covered

E. Odor Control:

Odors Present:

Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Recieved:

Tipped on walking face

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 type="checkbox"/>	NO	<input type="checkbox"/>	#

Comments:

Litter minimal, tall grass catching wind & litter around 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 & 8 Mile Clean. Entrance has been tracked previously

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:						NA
Average Tonnage:						11,500 Tons per week

Comments:

MSD, Special,

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		
2.		NONE

K.

Residential Drop Off:	Open During Audit	<input checked="" type="checkbox"/>
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Clear site

L. Other Comments:

* Site staff excavating future cell space & flipping on top of Phase 6 & 7

* Contractors were active in AM only

* No changes to Clearwater Pond Cap completed

Auditor's Signature: _____

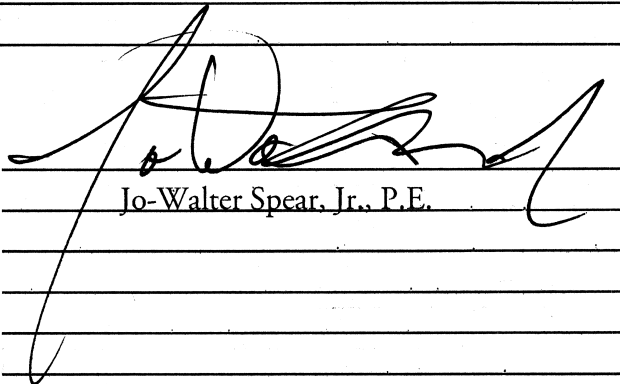
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____



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

Date: 1/22/20

Date: _____

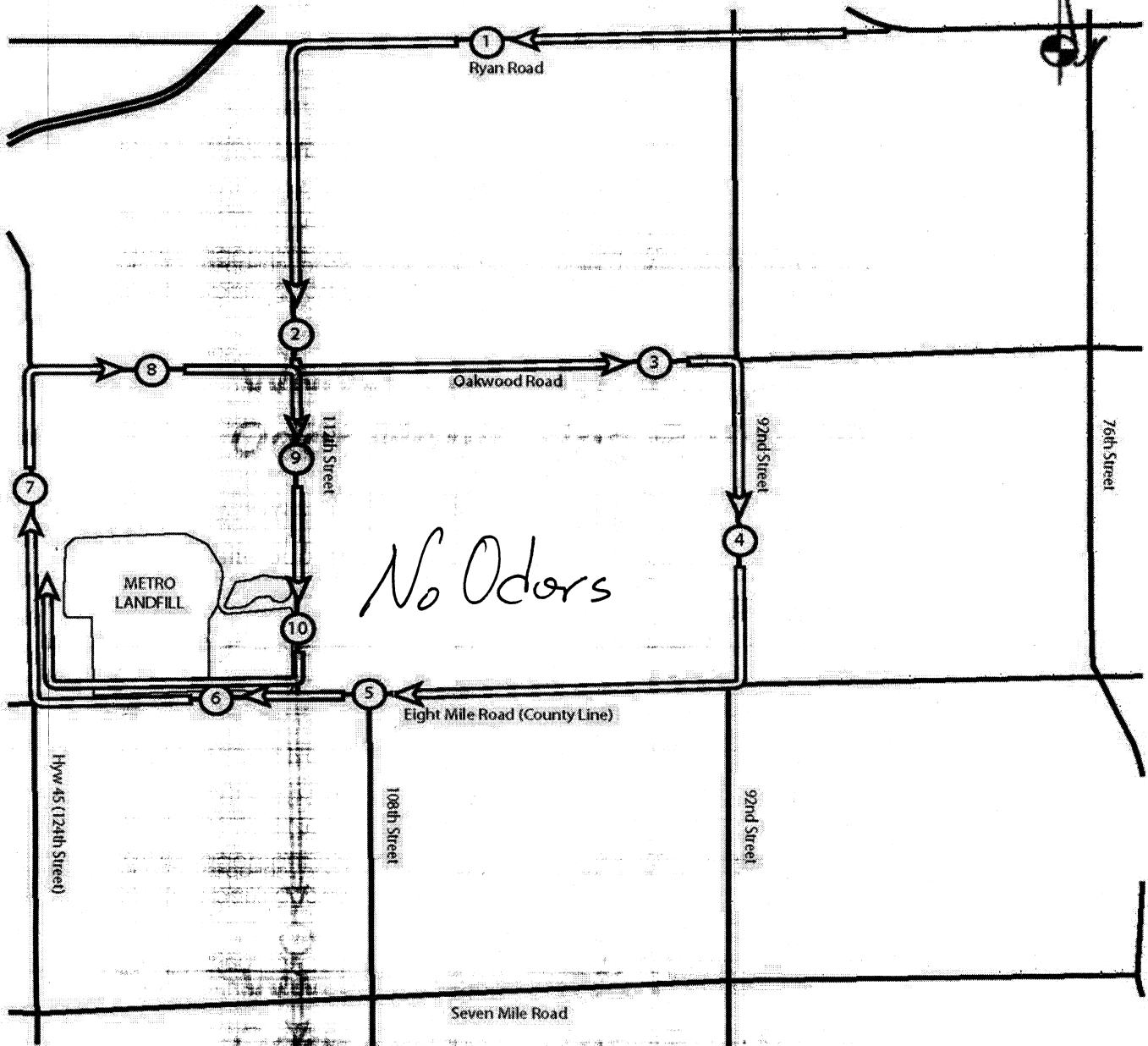
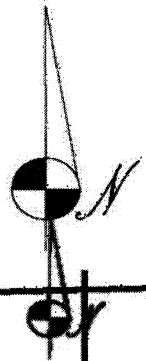
Date: _____

WMWI – METRO LANDFILL SITE MAP



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 January 22, 2020

TIME 2:50

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

* Leachate header installed at top of new cell slope.

* Cell is finished and awaiting documentation report

B. Excavations / Soil Management:

WA

C. Off Site Hauling

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

WA

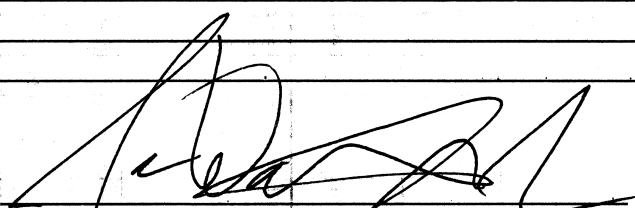
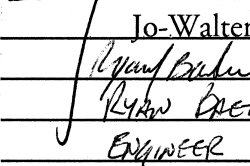
Auditor's Signature: _____

Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____


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

Ryan Breen
ENGINEER

Date: 1/22/20

Date: 1/22/20

**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Soils being stockpiled on top of Phases 6 & 7





Flare in Clearwater Pond Expansion



Junction of Phases 6, 7, & Clearwater Pond expansion



West slope of Clearwater Pond expansion



Overview of North Expansion West from the South



Clearwater Pond Expansion viewed from the West



Active area of North Expansion West



February

JS Environmental

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.

COPIES: File

DATE: 02/03/20

PROJECT NUMBER: 1036-10066

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of February 2, 2020. The Audit was performed at 9:55 AM on **February 3, 2020** by Jo Spear Jr. in the presence of Travis Thorson. The previous audit was performed on January 22, 2020.

Weather conditions were sunny, clear, and warming

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

- A) Working Face and Location
 - Working face in North Expansion West (NEW) only, at Northeast corner of NEW.
 - Tipper tipping directly North
 - One trailer tipper, one compactor, one excavator, one haul truck, and one bulldozers in use
 - Cover consists of soils and MRF seconds
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,400 cfm of LFG
 - One shutdown on 1/27/20 to investigate system for one hour
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
 - Two snow events since last audit
 - Site snow covered, but thawing during audit
 - Basins and site frozen and snow covered
- E) Odor Control
 - Waste odors on site only
- F) Liquid Loads Received
 - Tipped in North Expansion West
- G) Litter Control
 - One picker active during audit
 - Litter minimal
- H) Vehicle Impacts
 - US 45 being swept during audit by contractor employed by WMWI

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Site roads rough from construction activities
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW
 - Average Tipping 2,300 tons per day
 - Random load inspection on 1/31/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Boxes mostly empty
 - Site clean
- L) Other Comments:
 - No contractor activities on site
 - New haul/access road into NEW under construction during audit
 - New cell complete and documentation sent to DNR on 2/3/2020
 - No changes to Clearwater Pond Cap

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

A)

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 February 3, 2020
Auditor on site at: Open Close

TIME 9:55 AM

PREVIOUS DATE: January 22, 2020 Completed

WEATHER Sunny Clear, Warm Day

WIND S-15
(N) S E (W)

TEMP Maximum 39 °F Minimum 27 °F B.P. 29.81

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
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 at Northwest corner of
current cell in North expansion West (NEW)
No other working faces.



Cover Material:

Soils & MRF Secounds

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#		1	
Destructed Volume:	#		2,400	cfm

Comments:

1/27/20, 1 hour shutdown to investigate system
No other issues

D. Surface Water Management:

Storm Events Since Last Audit: # 2 Est. Volume —

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

Two snow events since last audit. Site was
snow covered and is now thawing. Basins
frozen

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: Waste odor onsite only

F. Liquid Loads Recieved:

Tipped in AEW

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:

Minimal litter, ~~1~~ picker operating

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 being cleaned during audit. Site roads rough

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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						1/31/2020
Average Tonnage:						2,300 TPD

Comments:

MSW,

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site clean, boxes mostly empty

L. Other Comments:

* New haul/access road into NEW
under construction during audit

* No Contractors active onsite

* New cell complete, but documentation
~~not~~ submitted ~~yet~~ to DNR 2/3/2020

* No changes to Clear Water Pond Cap

Auditor's Signature: _____

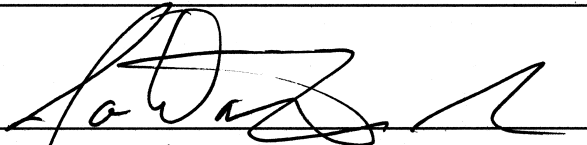
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Management Signature: _____

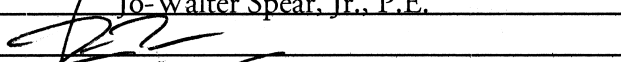
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Management Title: _____

JSA Principal Signature _____



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



Travis Thorson

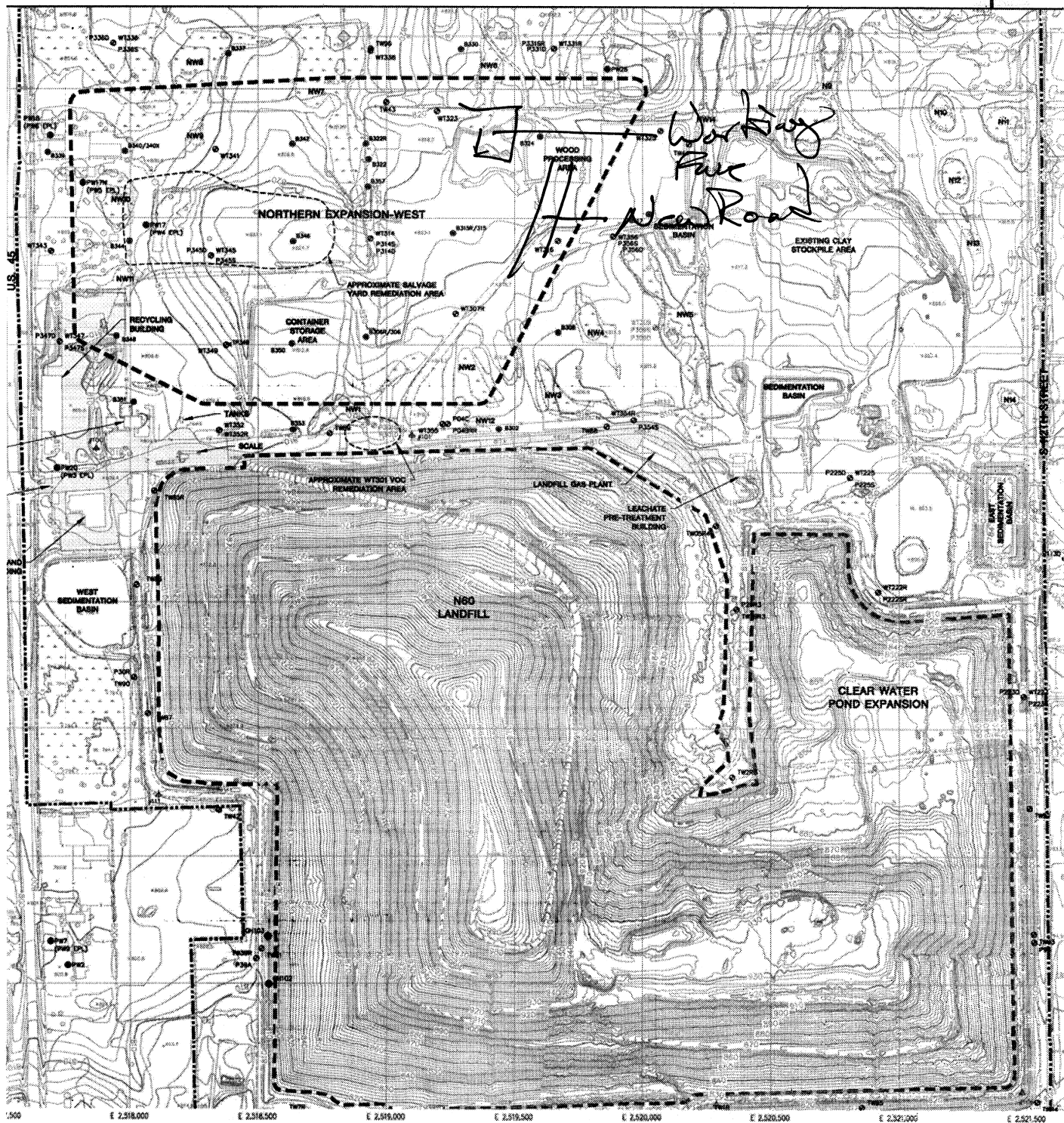
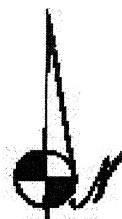
District Manager

Date: 2/3/2020

Date: 2/3/2020

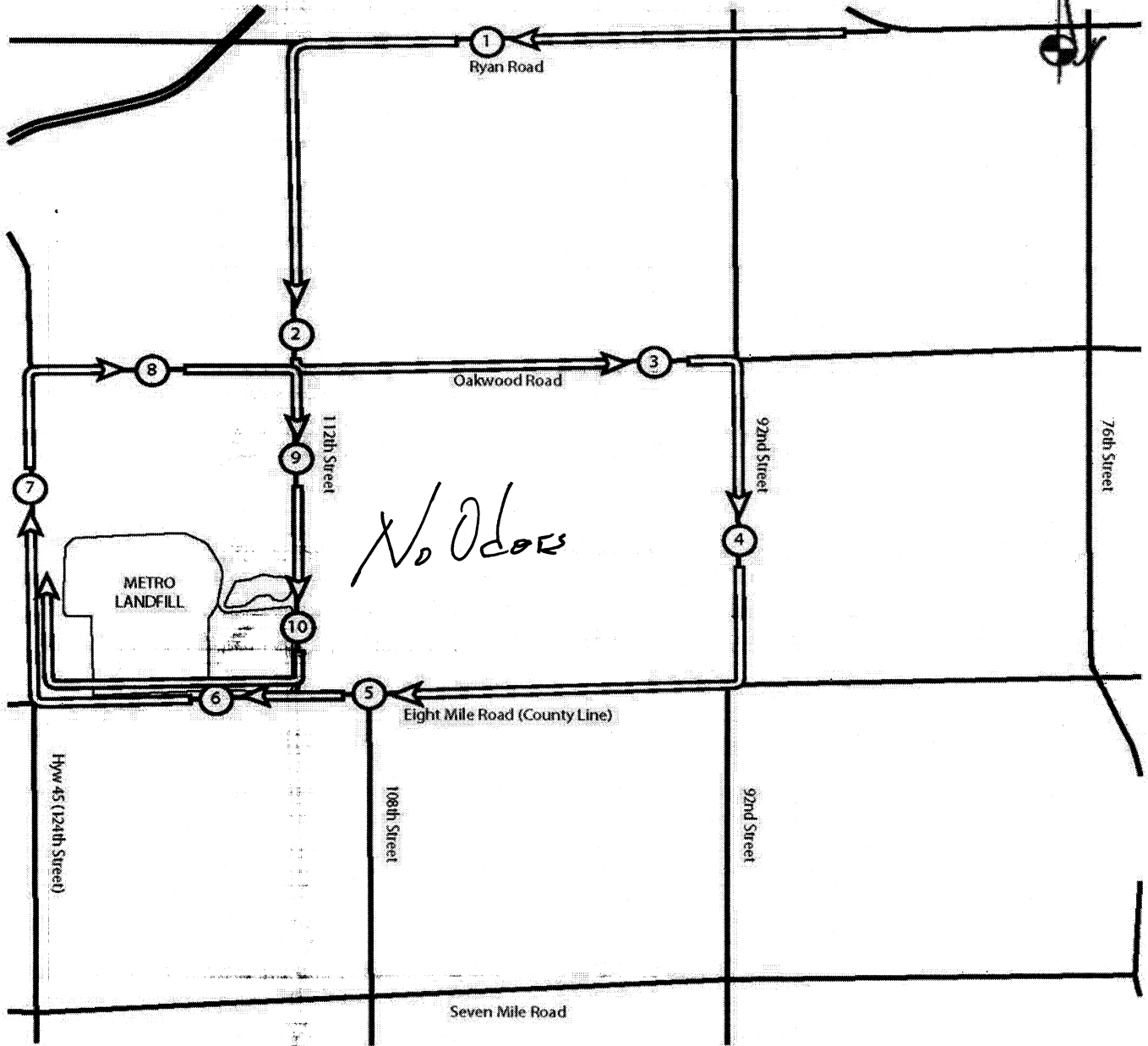
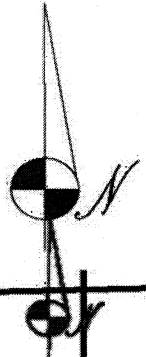
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Soils being stockpiled on top of Phases 6 & 7





Phases 6 & 7



Overview of North Expansion West



New cell construction completed



Working face at North end of North Expansion West



Clearwater Pond Expansion West slope, melted snow over gas headers



Clearwater Pond Expansion West slope, melted snow over gas headers



North Expansion West viewed from South



New cell awaiting review



Spreading of stone to make a travelway for new access road in North Expansion West



North Expansion West, looking North, new access road construction on the right

JS Environmental

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.

COPIES: File

DATE: 02/28/2020

PROJECT NUMBER: 1036-10066

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of February 23, 2020. The Audit was performed at 10:55 AM on **February 25, 2019** by Jo Spear Jr. in the presence of Travis Thorson, District Manager. The previous audit was performed on February 20, 2020.

Weather conditions were overcast with predicted snow and increasing winds out of the North

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

- A) Working Face and Location
 - Working face in North Expansion West (NEW) at Northern end on outboard slope.
 - Select waste being pushed down slope into Phase 2A as a fluff layer
 - One trailer tipper, two compactors, and two bulldozers in use
 - Cover consists of soils stripped from previous tipping
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken -no current budget for repair or replacement
 - Gas destruction 3,200 cfm
 - No shutdowns since last audit
- D) Surface Water Management
 - Four snow events since last audit
 - Site frozen and snow covered
- E) Odor Control
 - No odors on or off site
- F) Liquid Loads Received
 - Tipped in North Expansion West
- G) Litter Control
 - One picker active during audit
 - Litter minimal due to snow cover
- H) Vehicle Impacts
 - US 45 has tracking at entrance, site addressing it after audit
 - Site roads rough from construction activities

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW, soils, and special waste
 - Select waste being pushed down slope into Phase 2A as the fluff layer
 - Average Tipping 2,300 tons per day
 - Random load inspection on 2/21/23020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site being cleaned and boxes emptied during audit
- L) Other Comments:
 - Northern Expansion West (NEW) new cell; Phase 2Annow approved for Waste placement and fluff layer has been started at bottom of West slope of NEW
 - No other activities on site, pipe welding and installation expected to start next week

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

- A) No construction audit conducted

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 February 25, 2020
Auditor on site at: Open Close

TIME 9:55

PREVIOUS DATE: February 3, 2020 Completed

WEATHER Overcast,

WIND 5-10 MPH
NR S E W

TEMP Maximum 36 °F Minimum 27 °F B.P. 29.90

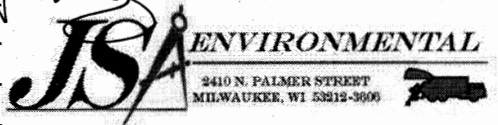
MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	<u>Trailer Tipper</u>						
<u>2</u>	<u>Compactor</u>						
<u>2</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 at North end of North Expansion (West)
with tipped loads (NEW)
select waste being pushed down slope
into Phase 2A (NEW) for fluff layer



Cover Material:

Soils, stripped from previous tipping

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# 0			
Destructed Volume:	# 3230		cfm	

Comments:

One engine still down, no budget this year for replacement
Expected shutdown next when new connections made with NEW

D. Surface Water Management:

Storm Events Since Last Audit: # 4 Est. Volume 224

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

Snow events since last audit. Site still snow covered and frozen

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors on or off site

F. Liquid Loads Recieved:

Tipped to NEW

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"/>	# 1

Comments:

Litter minimal with snow cover

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

USFS has tracking at entrance, site addressing it after audit. Site roads rough

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	2
Equipment Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	0
Random Load Inspection Dates:						2/26/20
Average Tonnage:						2,300 TPD

Comments:

MSW, soils, special

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

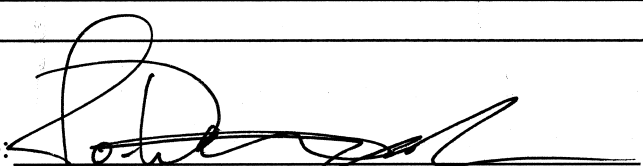
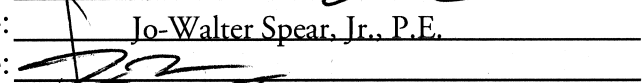
K. Residential Drop Off: Open During Audit

Site being cleaned and boxes emptied during audit

L. Other Comments:

* North Expansion Waste new cell Phase 2A
now approved for Waste Placement
and fluff layer started from
West slope of ~~the~~ NEW

* No other activities on site
pipe welding and installation
expected to start next week

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.
Management Signature: 
Management Printed Name: Gains Thorpe
Management Title: DM
JSA Principal Signature: _____

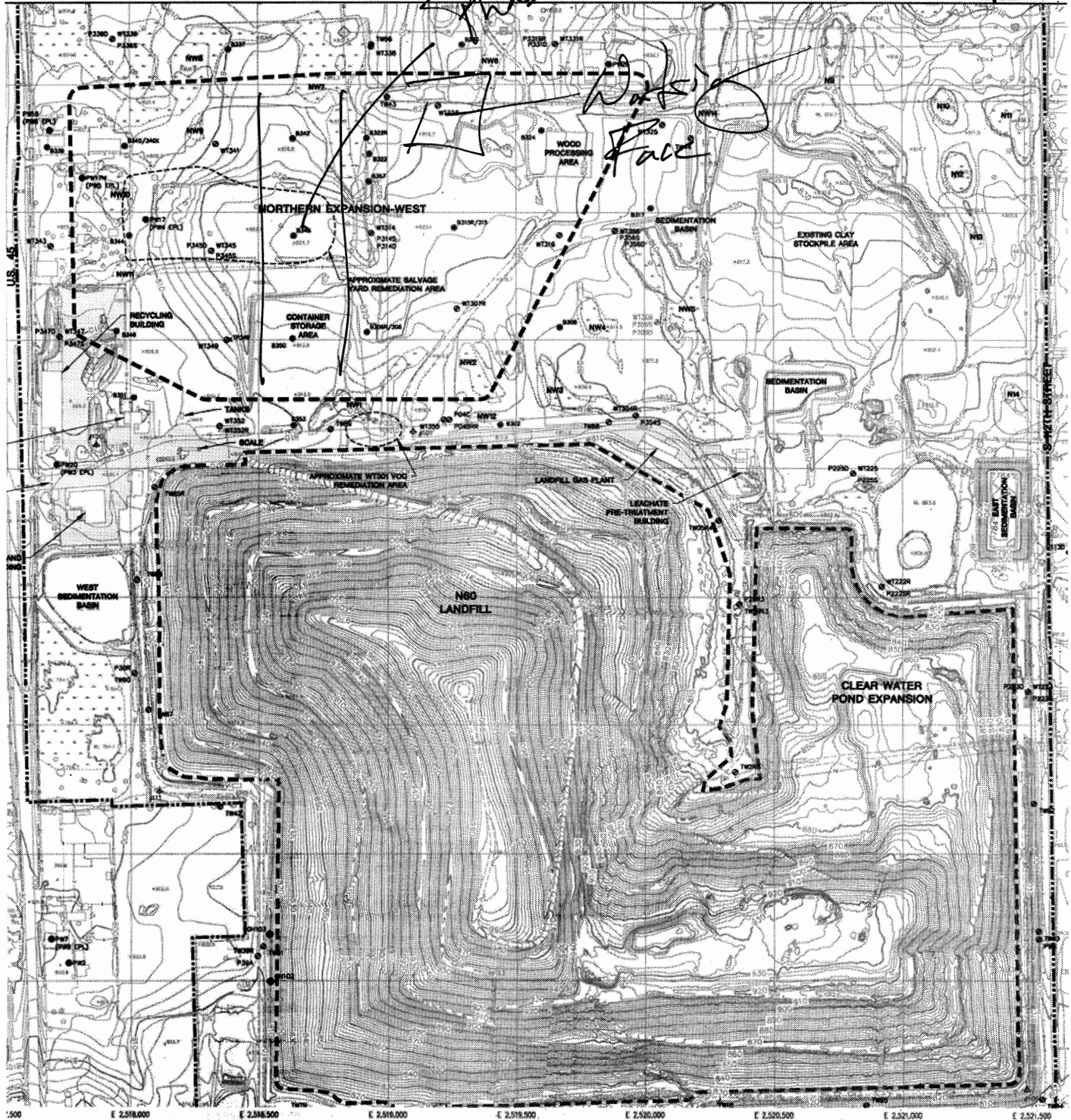
Date: 2/25/20
Date: 2/25/20
Date: _____

WMWI – METRO LANDFILL SITE MAP



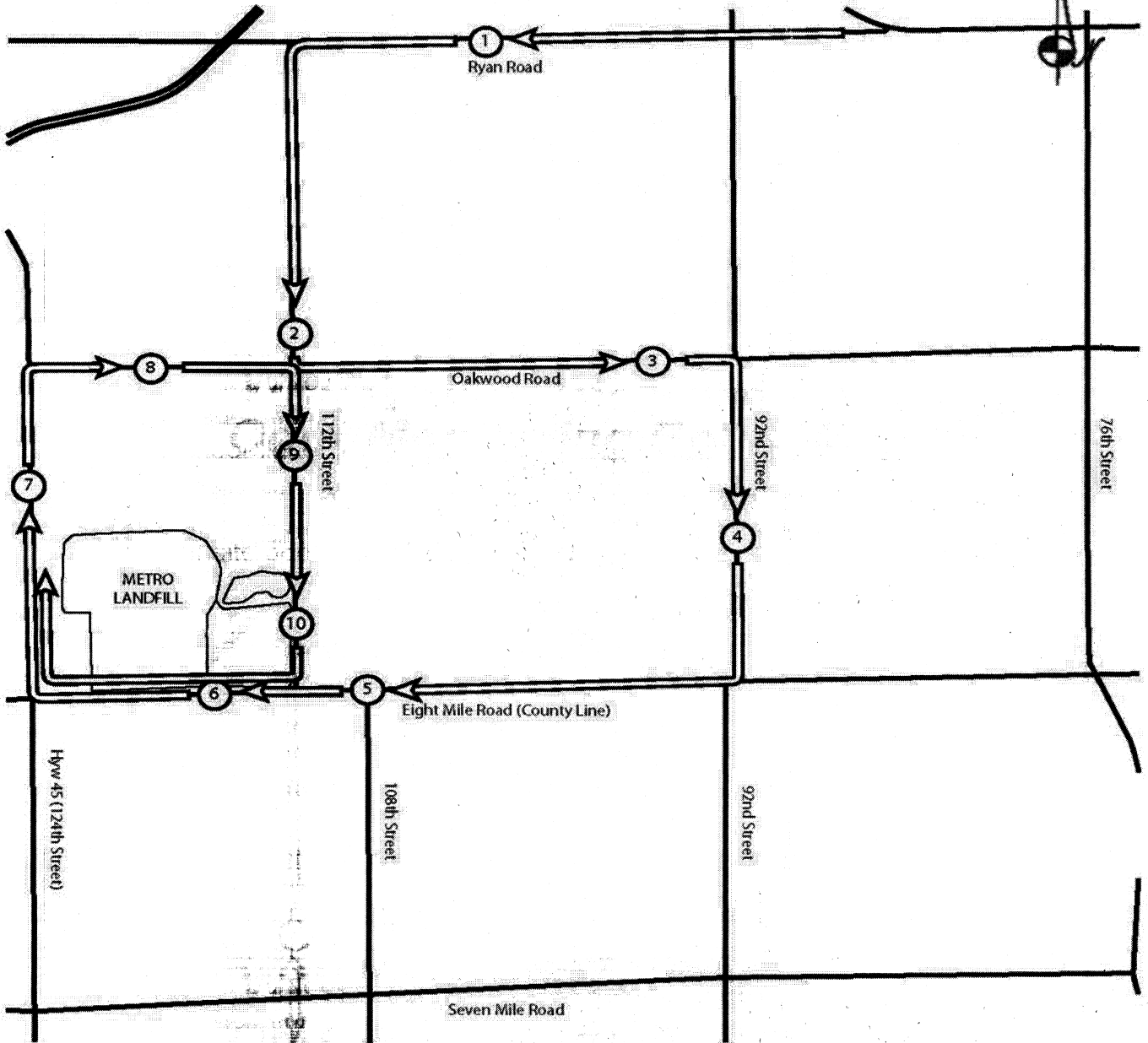
Phase 2A

Water Face



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI - Metro Landfill, *AUDIT PHOTOS*

PROJECT NO. 1036.10056



Overview of North Expansion West (NEW)





Overview of North Expansion West (NEW)



Phase 2A of North Expansion West (NEW) now documented and approved for receipt of waste



Access to Phase 2A and North Expansion West (NEW)



Active area in North Expansion West (NEW)



Active area in North Expansion West (NEW)



East half of North Expansion Westv (NEW)



Dozer pushing waste down to Phase 2A of North Expansion West (NEW)



Dozer pushing waste down to Phase 2A of North Expansion West (NEW)



Dozer pushing waste down to Phase 2A of North Expansion West (NEW)



Phase 2 A of North Expansion West(NEW) receiving first tipping/push of fluff layer



March

JSA Environmental

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.

COPIES: File

DATE: 04/02/2020

PROJECT NUMBER: 1036-10066

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 8, 2020. The previous audit was conducted on February 25, 2020. The Audit was performed at 2:55 PM on **March 11, 2020** by Jo Spear Jr. in the presence of Travis Thorson, General Manager.

Weather conditions were Overcast with High clouds and high humidity

Operations Audit

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

- A) Working Face and Location
 - Working face is at North end of Phase 2 of North Expansion West (NEW), west of tipper with waste being pushed down slope to develop fluff layer
 - One trailer tipper, three compactors, and one bulldozer in use
 - One bulldozer offline for repairs
 - Daily cover consists of site soils
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,500 cfm of LFG
 - One shutdown on 3/5 for pipe connection from NEW
 - One turbine down permanently, but still on site
 - One engine broken
- D) Surface Water Management
 - Several small events since last audit
 - Site and basins have thawed
 - No new erosion
- E) Odor Control
 - Odors in parking lot and US 45 from Emerald Park
- F) Liquid Loads Received
 - Being tipped in Phase 1 of North Expansion West (NEW)
- G) Litter Control
 - Six picker active during audit
 - Litter minimal about site, pickers active about North Expansion West (NEW)

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- H) Vehicle Impacts
 - US 45 has tracking st both site entrances
- I) Inspection of Incoming waste
 - Six equipment operators spread over two working faces, managing the tipping of MSW, special and C&D
 - Average Tipping 2,000 tons per day
 - Random load inspection on 3/7/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site very active during audit and boxes being emptied
 - Site clean
- L) Other Comments:
 - Gas collection vacuum pipe, 24", being installed and preventing access to perimeter roads. Project to be completed next Wednesday
 - Fluff layer and next lift being developed across Phase 2 of North Expansion West (NEW)
 - Access road being built to West side of Phase 2 North Expansion West (NEW)
 - No activities on Clearwater Pond Expansion

Construction Audit

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

- A) None

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 March 11, 2020
Auditor on site at: Open Close

TIME 2:55

PREVIOUS DATE: February 25, 2020 Completed

WEATHER Overcast, high clouds, high humidity WIND S-10
N S E (W)

TEMP Maximum 43 °F Minimum 38 °F B.P. 30.01

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Trailer Tipper						
<u>3</u>	Compactor						
<u>1</u>	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						

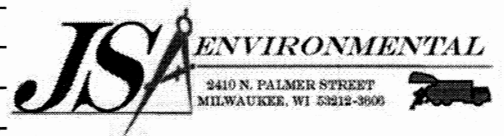
MAJOR EQUIPMENT BONEYARD

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

A. Working Face Size and Location:

Working facing Phase 2 of North expansion
West for fluff layer materials

Tipper tipping trailers at
North end of ~~the~~ NEW



Cover Material:

Site clays

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#		—	1
Destructed Volume:	#		2,500	cfm

Comments:

~~Start~~ Shutdown on 3/5 for pipe install
Consistent destruction of increasing values

D. Surface Water Management:

Storm Events Since Last Audit:	# 5	Est. Volume	224
--------------------------------	-----	-------------	-----

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

Several small events of site thawed since last audit. No new erosion, bushes draining

E. Odor Control:

Odors Present:

Onsite Offsite Notes on odor monitoring page

Comments:

Odors in parking lot and US 25 from Emerald Park

F. Liquid Loads Recieved:

Tipped in NEW

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:

Litter minimal about site, pickers active about NEW

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 has tracking from both site's entrances

I. Inspection of incoming Waste:

Scale Camera Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	2
Equipment Operator:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	3/7/2020					
Average Tonnage:	2,005 TAD					

Comments:

MSW, Special, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site clean, very active during audit. Boxes being emptied

L. Other Comments:

* Gas pipe 24" being installed
preventing access about site
Should be finished by next
Wednesday

* Fluff layer and next layer
being built up across
Phase 2 of NEW

* Access road being built to
West side of Phase 2.

* No work done on Clearwater Pond Cap

Auditor's Signature: _____

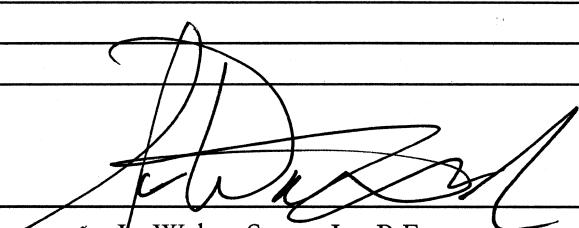
Auditor's Printed Name: _____

Management Signature: _____

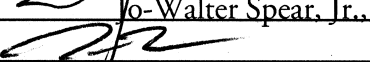
Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____



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



Travis Thorburn

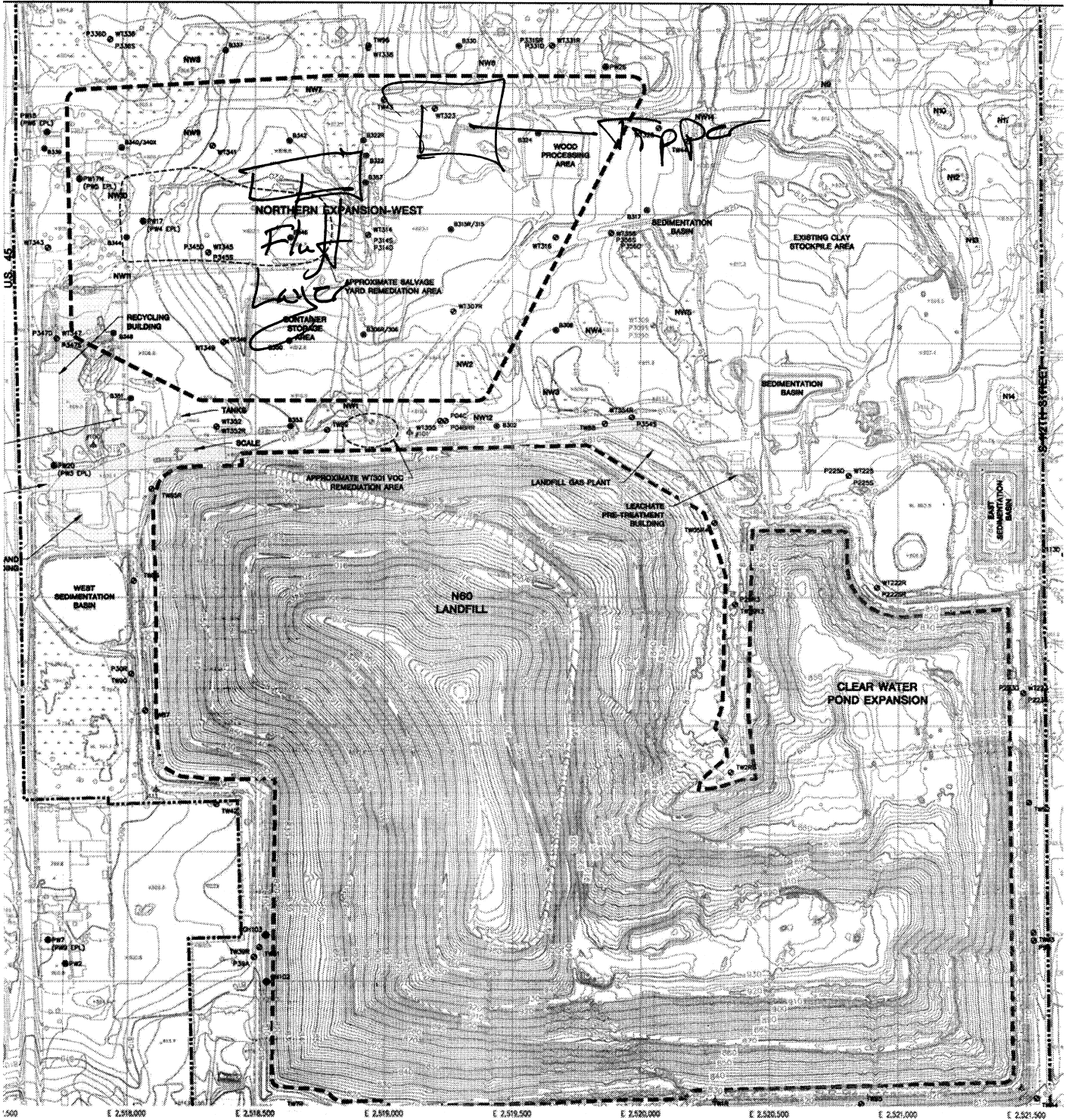
DM

Date: 3/11/2020

Date: 3/17/2020

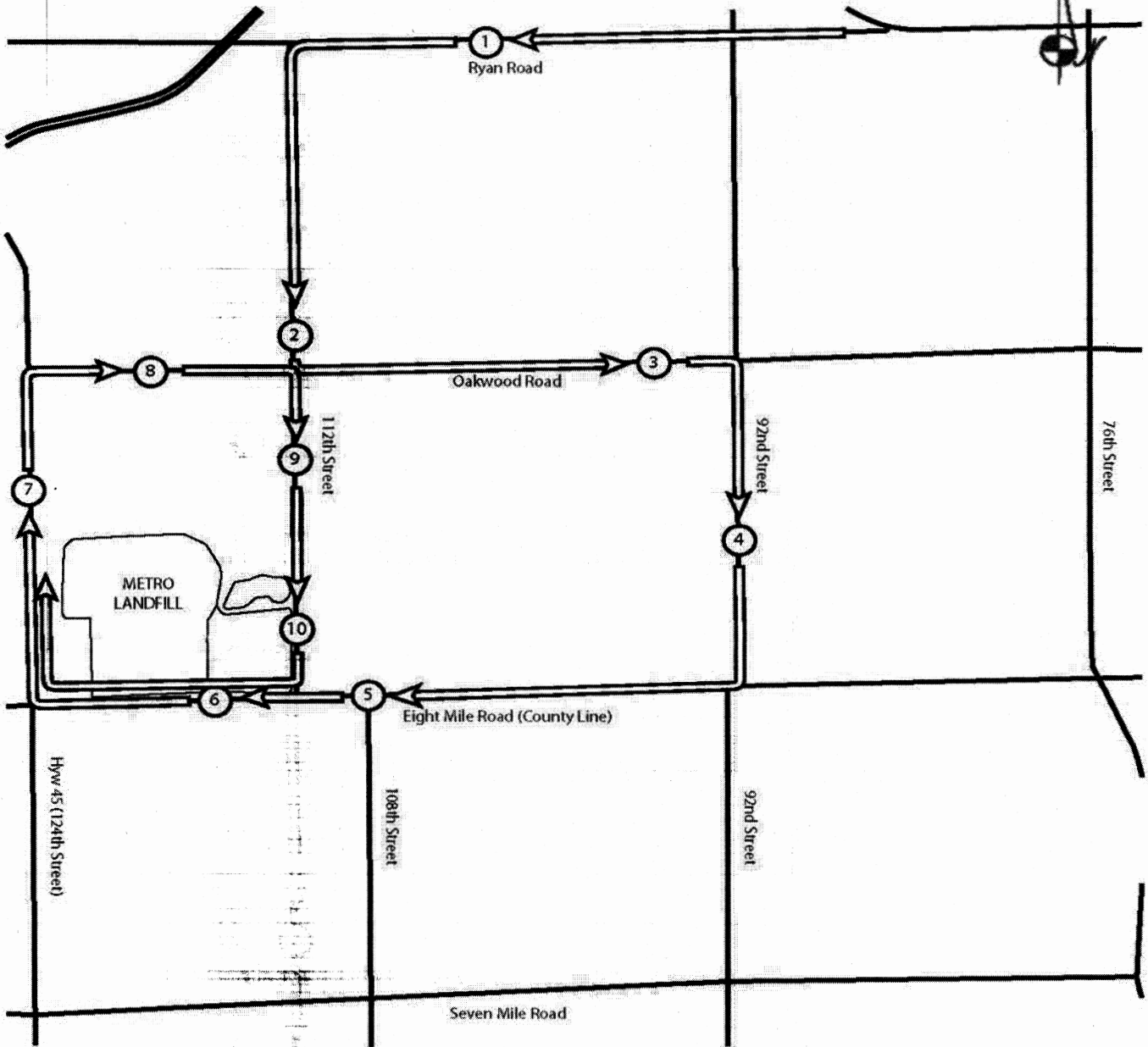
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Photo from 01/06/2020, overview of North Expansion West (NEW) before waste placement





Installation of 24" vacuum line for gas collection in North Expansion West (NEW)



Access to North Expansion West (NEW)



Overview of North Expansion West (NEW) viewed from the South



Fluff layer in Phase 2 of North Expansion West (NEW)



Layer of waste above fluff layer on Phase 2 of North Expansion West (NEW)



Waste slope into Phase 2 of North Expansion West (NEW)

JSA Environmental

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.

COPIES: File

DATE: 04/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 29, 2020. The previous audit was conducted on March 11, 2020. The Audit was performed at 2:58 PM on **March 30, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were Overcast and cloudy, mild wind out of the Northeast

Operations Audit

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

- A) Working Face and Location
 - Working face is at North end of Phase 2, current lift is above fluff layer and receiving all wastes
 - Tipper tipping directly North
 - One trailer tipper, one compactor, one excavator, one haul truck, and one bulldozers in use
 - Waste being pushed into Phase two of NEW from tipper in Phase 1
 - Daily cover consists of remediation soils from adjacent salvage yard
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,500 cfm of LFG
 - No shutdowns
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
 - 24" vacuum line to NEW completed on March 27, 2020
- D) Surface Water Management
 - No events since last audit
 - Basins appeared to be draining
 - Erosion observations made on exterior slopes
 - Contractor repairing cap and cover of the Clearwater Pond Expansion

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - No offsite odors
 - Manager stated no onsite odors
- F) Liquid Loads Received
 - None
- G) Litter Control
 - Two picker active during audit
 - Pickers active during audit on North end of Old Hill
 - Picker numbers being kept to a minimum for health safety
- H) Vehicle Impacts
 - US 45 being swept during audit by contractor employed by WMWI
 - using a wet broom, but needs to make more passes over the affected area
 - 8 Mile Road cleaning
 - Site road maintenance beginning
- I) Inspection of Incoming waste
 - Six equipment operators spread over one working face, managing the tipping of MSW
 - Average Tipping 2,200 tons per day
 - Random load inspection on 3/28/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Boxes mostly empty
 - Site clean
- L) Other Comments:
 - Gas collection system improvement completed March 27, 2020

Construction Audit

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

- A) Work Accomplished Today
 - New Berlin Excavation Onsite
 - Contractor is demolishing adjacent salvage yard and covering waste with soils
 - Restoring soil cover and cap on Clearwater Pond Expansion
- B) Excavation/Soil Management
 - Excavated soil from salvage yard being used for daily covering
- C) Off Site Hauling
 - None

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 March 30, 2020 TIME 2:58 PM
 Auditor on site at: Open Close

PREVIOUS DATE: March 11, 2020 Completed

WEATHER Overcast and cloudy WIND 5 - 10 MPH
 N S E W

TEMP Maximum 45 °F Minimum 31 °F B.P. 30.11

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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:

Waste being pushed from tipper into Phase 2 of North Expansion West (NEW).

Working face is at North end of Phase 2, current lift is above fluff layer and receiving all wastes



Cover Material:

Remediation soils from adjacent salvage yard demolish and clearing

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

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

Comments:

24" vacuum line to North Expansion West (NEW) completed on March 27, 2020.
Gas collection system has been operating consistently the month of March

D. Surface Water Management:

Storm Events Since Last Audit:	# 0	Est. Volume	
--------------------------------	-----	-------------	--

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

Observations could only be made of exterior slopes
Contractor repairing slopes of the Clearwater Pond Expansion during audit

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors offsite, manager was not able to detect any odors onsite

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:

Pickers were active on the North end of the Old Hill

Picker numbers being kept to a minimum for health safety

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

US45 being swept during audit, contractor using wet brooms; but should make more passes

8 Mile road clean and site road maintenance beginning

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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						3/28/2020
Average Tonnage:						2,200 TPD

Comments:

MSW and remediation soil from the adjacent salvage yard for daily cover

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

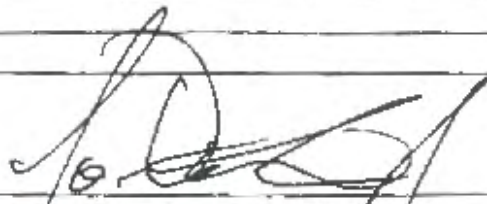
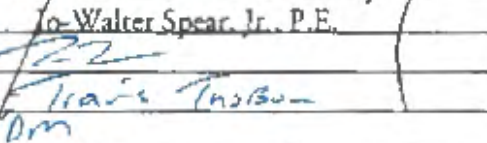
Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays

Other Comments:

* Audit was conducted by offsite observation and a phone call with the Manager

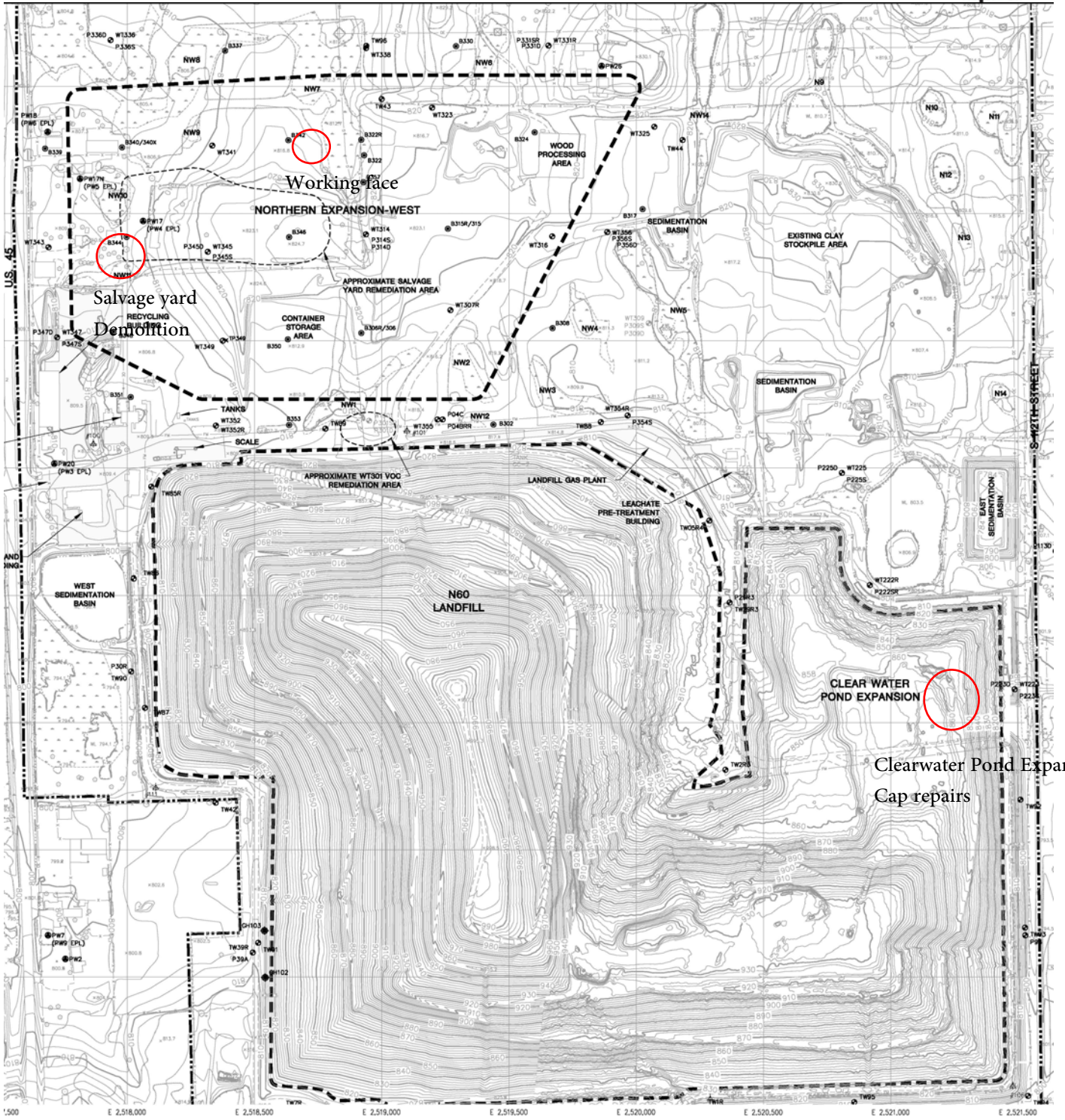
* Gas system improvements to provide vacuum to wells in North Expansion West (NEW) completed

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


Walter Spear, Jr., P.E.

Travis Thurston
DM

Date: 3/30/2020
Date: 3/31/2020
Date:

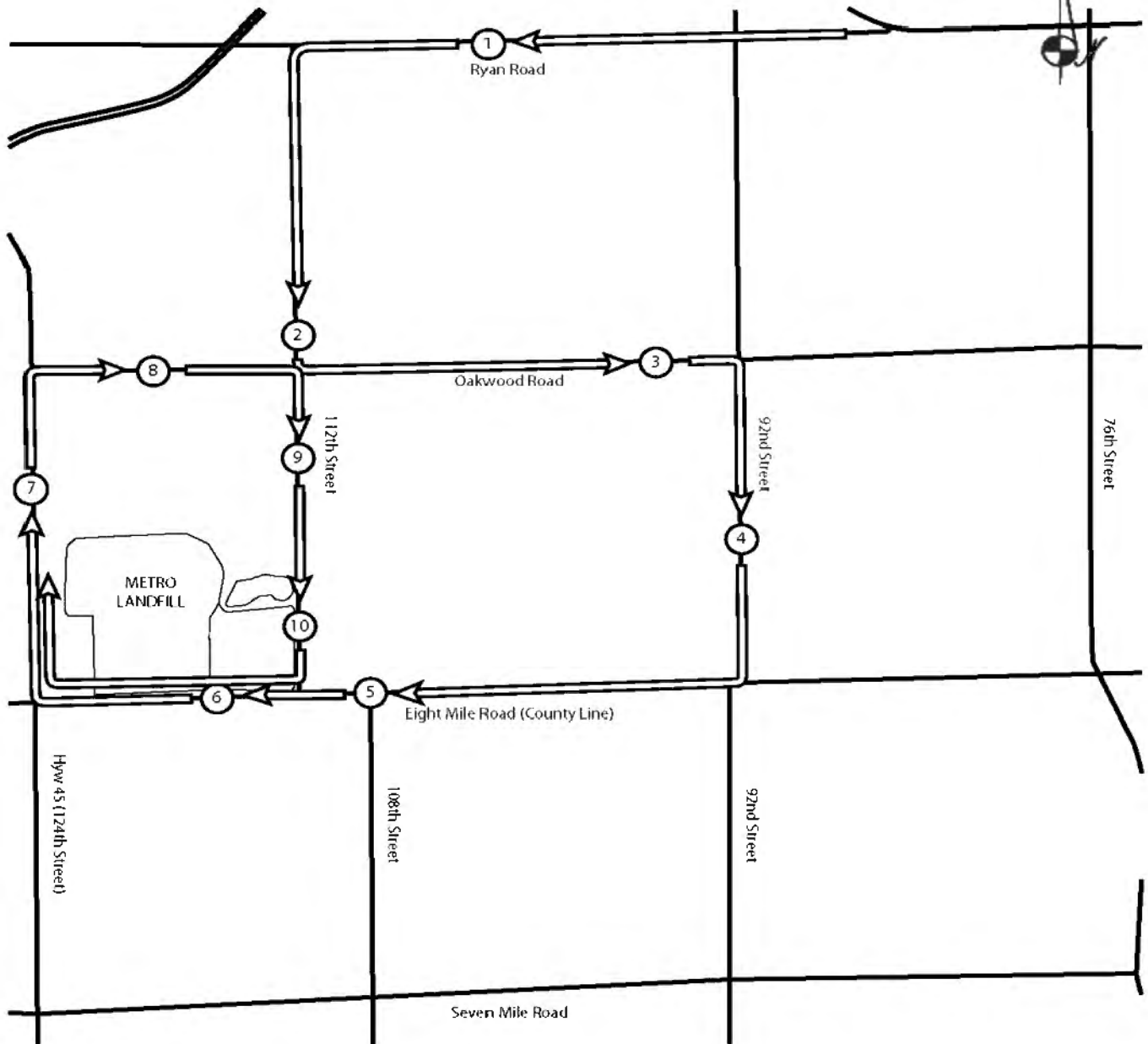
WMWI – METRO LANDFILL SITE MAP



Clearwater Pond Expansion
Cap repairs

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



No Offsite odors

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

DATE March 30, 2020 TIME 2:58 PM

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

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

A. Work Accomplished Today (Scheduled & Completed):

* New Berlin Excavation onsite

Contractor is demolishing adjacent salvage yard and covering waste with remediation soils

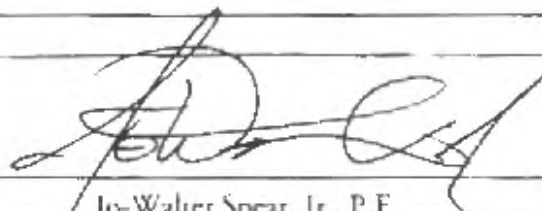
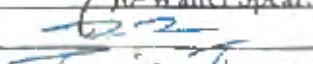
Contractor restoring soil cover and cap on Clearwater Pond Expansion

B. Excavations / Soil Management:

Contaminated soils being excavated from adjacent salvage yard and used in NEW

C. Off Site Hauling

	Weight Ticket Number	Weight of Load in Pounds
1		
2	Not Applicable	
3		
4		
5		
6		
7		
8		
9		
10		

Auditor's Signature: 
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.
Management Signature: 
Management Printed Name: Travis Thorson
Management Title: DM

Date: 3/30/2020
Date: 3/3/20

WMWI - Metro Landfill, *AUDIT PHOTOS*

PROJECT NO. 1036.10056



Salvage yard being demolished and contaminated soils being used for daily cover





Salvage yard being demolished and contaminated soils being used for daily cover



Phase 2 of North Expansion West (NEW) - lyft at North end above fluff layer



Active area viewed from the West



Active area viewed from the West



April

JSA Environmental

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.

COPIES: File

DATE: 04/23/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of April 12, 2020. The previous audit was conducted on March 30, 2020. The Audit was performed at 2:58 PM on **April 16, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and winds out of the West

Operations Audit

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

- A) Working Face and Location
- Working face is in middle of Phase 2 of North Expansion West (NEW) current lift is above fluff layer and receiving all wastes
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, one excavator, and one bulldozer in use
 - Daily cover consists of remediation soils from adjacent salvage yard and soil from previous tipping
- B) Leachate Management
- All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,200 cfm of LFG
 - No shutdowns
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
 - Gas destruction volume increasing
- D) Surface Water Management
- Small events and flurries since previous audit
 - Basins appeared to be draining
 - Erosion repairs being performed by contractor

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - No offsite odors
 - Manager stated no onsite odors
- F) Liquid Loads Received
 - None
- G) Litter Control
 - Two picker and manager active during audit
 - Site manager operating litter vacuum
 - High winds over last three days has spread litter
 - Picker numbers being kept to a minimum for health safety
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean – left turn lanes heavily tracked
 - Site roads clean up to entrance to North Expansion West
- I) Inspection of Incoming waste
 - Six equipment operators spread over one working face, managing the tipping of MSW, C&D, and special wastes
 - Average Tipping 2,100 tons per day
 - Random load inspection on 4/18/2020 – spoke to manager on 4/20
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site manager states the operation is clean and the boxes are emptied daily
- L) Other Comments:
 - Site manager stated that there were no other activities being conducted on site by his staff. Attached construction audit has details of contractor activity

Construction Audit

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

- A) Work Accomplished Today
 - New Berlin Excavation Onsite
 - Contractor is demolishing adjacent salvage yard and covering waste with soils
 - Restoring soil cover and cap on Clearwater Pond Expansion
 - Ongoing back haul of clay to Orchard Ridge Landfill
 - A) Contractor filling tandem dumps
- B) Excavation/Soil Management
 - Excavated soil from salvage yard being used for daily covering
- C) Off Site Hauling
 - None

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 16, 2020 TIME 2:48 PM
 Auditor on site at: Open Close

PREVIOUS DATE: March 30, 2020 Completed

WEATHER Clear, sunny, and windy WIND 10 - 20 MPH
 N S E W

TEMP Maximum 45 °F Minimum 32 °F B.P. 30.03

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 middle of Phase 2 of North Expansion West (NEW)
waste being tipped in Phase 1 and pushed down slope into Phase 2
some fluff layer still being developed



Cover Material:

Reclaimed soils from previous tipping and soil excavated from adjacent salvage yard

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	#	3,200	cfm	

Comments:

Site gas systems operating well
gas volume is up

D. Surface Water Management:

Storm Events Since Last Audit:	#	4	Est. Volume	~1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Small events and flurries since previous audit
basins are draining
erosion repairs being performed by contractor

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors

F. Liquid Loads Recieved:

None received last week

G. Litter Control:

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

Comments:

Litter trapped in tall fence around North Expansion West (NEW)
Manager operating vacuum trailer to collect litter
High winds for the last three days

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 road clean - left turn lanes heavily tracked
Site roads clean at entrance to NEW

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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						04/18/2020
Average Tonnage:						2,100 TPD

Comments:

MSW, C&D, and special wastes

J. Rejected Loads:

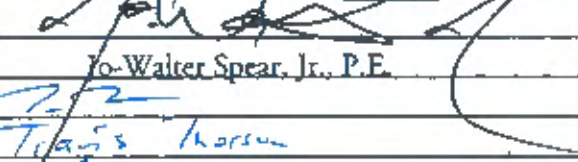

	Date/Time	Reason for Rejection
1.		NONE
2.		

K. Residential Drop Off: Open During Audit

Manager states the operation is clean and the boxes are emptied daily

L. Other Comments:

* Manager stated that no other activities were being done by site staff
attached construction audit has details of contractor activity

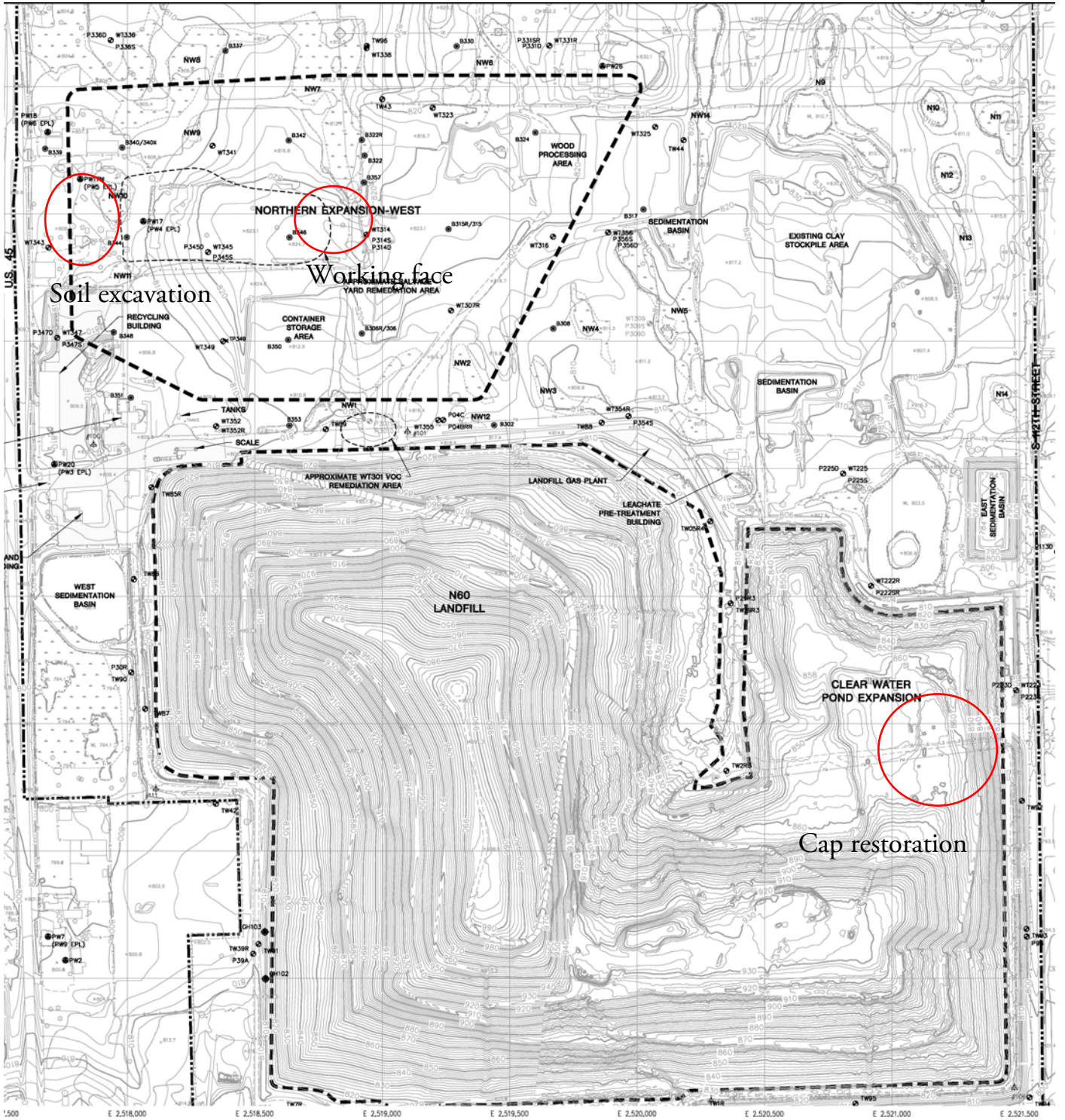
Auditor's Signature: 
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.
Management Signature: 
Management Printed Name: Tiana's Marsun
Management Title: DM
JSA Principal Signature: _____

Date: 04/20/2020

Date: 4/22/20

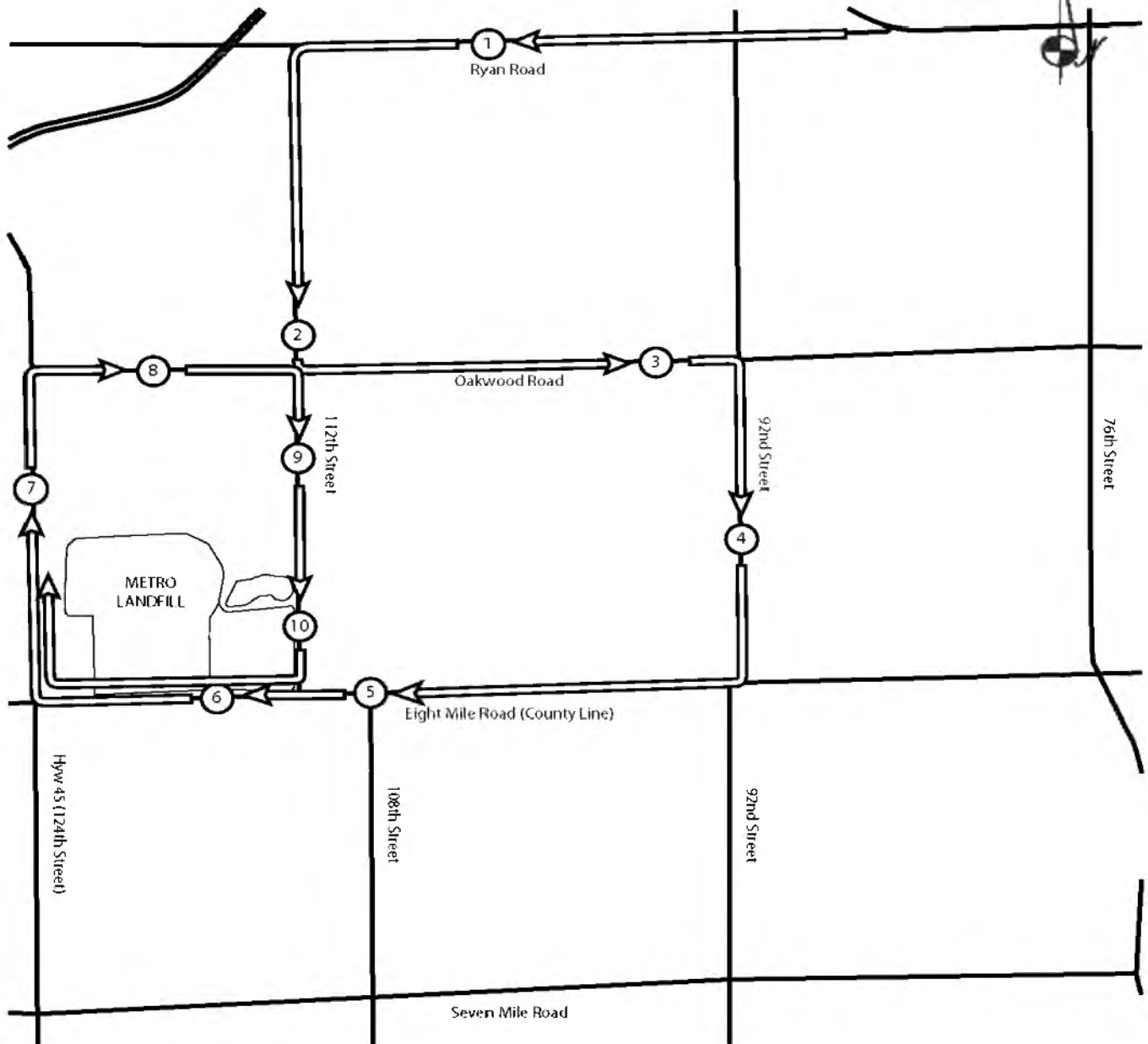
Date: _____

WMWI – METRO LANDFILL SITE MAP



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



No odors

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

DATE April 16, 2020 TIME 3:00 PM

MAJOR EQUIPMENT USED IN CONSTRUCTION OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Scrapper						
5	Dozer			32	Tandem dump trucks		
3	Excavator						
8	Haul Truck						
	Water Truck						
	Sweeper						
1	Sheeps foot roller						

A. Work Accomplished Today (Scheduled & Completed):

- * Ongoing back haul of clay to Orchard Ridge, contractor filling tandem dumps
- * Contractor repairing Clear Water Pond cap with new cover and topsoil installing berms and other structural erosion controls on cap
- * Contractor excavating old salvage yard and placing soil for daily cover

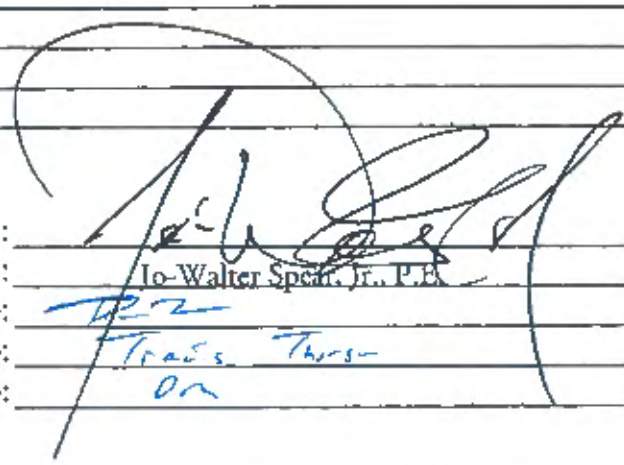

B. Excavations / Soil Management:

soils previously profiled and stockpiled when excavated from
North Expansion West (NEW)

C. Off Site Hauling

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

No access to tickers due to Covid 19. Manager is monitoring truck weights

Auditor's Signature: 
Auditor's Printed Name: Walter Spear, Jr., P.E.
Management Signature: 
Management Printed Name: Travis Thorsen
Management Title: OR

Date: 04/20/2020

Date: 4/22/20

**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Restoration of Clearwater Pond Cap





Restoration of Clearwater Pond Cap



Restoration of Clearwater Pond Cap



Tree contractor not securing gates, manager placed chain after audit



Salvage yard being demolished and contaminated soils being used for daily cover



Salvage yard being demolished and contaminated soils being used for daily cover



North Expansion West (NEW) viewed from gas plant



North Expansion West (NEW) viewed from gas plant

JSA Environmental

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.

COPIES: File

DATE: 04/30/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of April 26, 2020. The previous audit was conducted on March 30, 2020. The Audit was performed at 12:31 PM on **April 29, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and winds out of the West

Operations Audit

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

A) Working Face and Location

- Working face is in South end of Phase 2 of North Expansion West (NEW) applying fluff layer
 - Waste being pushed from tipper in Phase 1 into Phase 2, unacceptable waste for fluff layer being placed at tipper
- One trailer tipper, two compactors, one excavator, and one bulldozer in use
- Daily cover consists of soils stripped back from previous waste cover

B) Leachate Management

- All leachate discharging to MMSD; no recirculation

C) Gas Monitoring and Management

- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,200 cfm of LFG
 - No shutdowns
 - Consistent gas destruction
- One turbine down permanently, but still on site
- Three engines in use
 - One engine broken

D) Surface Water Management

- Three events since previous audit
- Basins appeared to be filling
- Erosion repairs being performed by contractor

E) Odor Control

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Off site odors on 8 Mile road attributed to Emerald Park
 - Manager stated no onsite odors
- F) Liquid Loads Received
- Only one this week
- G) Litter Control
- Two pickers active during audit
 - Wet conditions reducing the travel length of litter
 - Five pickers for 4/30
- H) Vehicle Impacts
- US45 and 8 Mile Road clean – left turn lanes heavily tracked and entrance
 - Site roads clean up to entrance to North Expansion West
- I) Inspection of Incoming waste
- Six equipment operators spread over two working faces, managing the tipping of MSW, C&D, and special wastes
 - Average Tipping 2,300 tons per day
 - Random load inspection on 4/26/2020 – spoke to manager on 4/20
- J) Rejected Loads
- None
- K) Residential drop-off
- Site appears clean
 - Site manager states the operation is clean and the boxes are emptied daily
- L) Other Comments:
- Site manager stated that there were no other activities being conducted on site by his staff.
 - Construction halted due to weather conditions
 - Contractor expected to return on 5/4
 - Cap construction for Clearwater Pond Expansion expected to be completed in two weeks
 - Reclamation of salvage yard complete for now
 - Mass excavation of Phase 2B, of North Expansion West (NEW) to begin 5/4

Construction Audit

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

A)

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 29, 2020 TIME 12:31PM
Auditor on site at: Open Close

PREVIOUS DATE: April 16, 2020 Completed

WEATHER High clouds, heavy rains ongoing from 4/28 WIND 10-25 MPH flux from N-NW
WIND S E

TEMP Maximum 52 °F Minimum 41 °F B.P. 29.47

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 South end of Phase 2 of North Expansion West (NEW)
Non-suitable fluff waste being placed at tipper, roughly middle of Phase 1
of North Expansion West (NEW)



Cover Material:

Soils stripped back from previously placed cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Shutdowns Since Last Audit:	# None			
Destructed Volume:	#	3,200	cfm	

Comments:

Consist gas destruction values, with some increase

D. Surface Water Management:

Storm Events Since Last Audit: # 4 Est. Volume -3"

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

Basins filling, erosion repairs ongoing by contractor

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Odors on 8 Mile road, probably created by Emerald Park

F. Liquid Loads Received:

Sporadic since last audit none received yet this week

G. Litter Control:

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

Comments:

Wet conditions reduce the travel length of blown litter. New high fences being cleared by pickers. Five pickers active for 4/30/2020

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

US45 and 8 Mile clean with the exception of left turn lanes
The entrance tracking is reduced from previous audits

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"/>	#	1
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						4/26/2020
Average Tonnage:						2,300 TPD

Comments:

Site is receiving MSW, C&D, and special wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

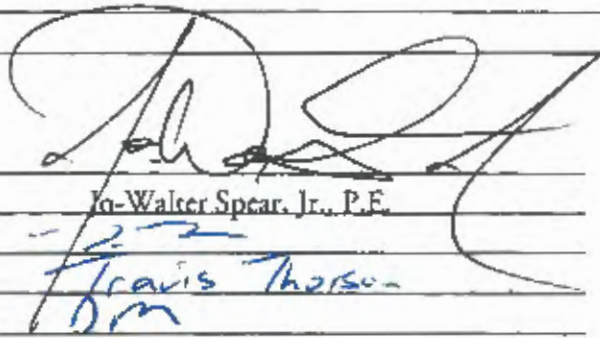
K. Residential Drop Off: Open During Audit

Site clean and boxes being emptied daily

L. Other Comments:

- * Construction halted due to weather condition
Contractor expected to return on May 4, 2020
- * Cap construction for Clearwater Pond Expansion expected to be completed in two weeks
- * Reclamation of salvage yard is complete for now
- * Mass excavation of North Expansion West (NEW) Phase 2B to begin 5/4

Auditor's Signature:



Date: 04/30/2020

Auditor's Printed Name:

Walter Spear, Jr., P.E.

Management Signature:



Date: 4/30/20

Management Printed Name:

Travis Thorson

Management Title:

DM

JSA Principal Signature

Date:

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



Cap development for Clearwater Pond Expansion





Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



New energy diverter installed in Clearwater Pond Expansion Cap



Active area viewed from US45



Active area viewed from US45



Staged equipment of contractor



Active area viewed beyond contractor's staged equipment



North Expansion West (NEW) viewed from gas plant



May

JSA Environmental

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.

COPIES: File

DATE: 05/19/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 17, 2020. The previous audit was conducted on April 29, 2020. The Audit was performed at 2:05 PM on **May 13, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and dry with gusting winds out of the Southwest

Operations Audit

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

- A) Working Face and Location
 - Working face is in South end of Phase 2 of North Expansion West (NEW) applying the lift above the placed fluff layer
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, and one bulldozer in use
 - Final fluff layer placement in Phase 2 will be completed next week
 - Daily cover consists of stockpiled soils from adjacent salvage yard excavation
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,300 cfm of LFG
 - No shutdowns
 - Gas destruction values have dropped off, but no change in odors
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
 - Three events since previous audit
 - Basins appeared to be draining
 - Erosion repairs being performed by contractor

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - Off site odors waste odors on Oakwood Road
 - Manager stated no onsite odors
- F) Liquid Loads Received
 - Low frequency receipt
- G) Litter Control
 - Three pickers active during audit
 - Litter predominantly about working face and in high fencing
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean
 - Site roads paved to expansion entrance, tracking offsite very reduced
- I) Inspection of Incoming waste
 - Six equipment operators spread over one working face, managing the tipping of MSW, C&D, and special wastes
 - Average Tipping 2,400 tons per day
 - Random load inspection on 5/9/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site very busy, boxes to be emptied on May 14, 2020
 - Site manager states the brush pile is being trucked to Orchard Ridge Landfill
- L) Other Comments:
 - Paving projected was started and completed last week on May 7, 2020
 - Entrance and US45 much cleaner
 - Contractor operating 3 bulldozers, 3 excavators, 8 haul trucks, and 2 earth compactors
 - Berm construction along West and South of North Expansion West (NEW) for future waste elevations
 - Ongoing excavation of North Expansion West Phase 2B
 - Ongoing cap construction on Clearwater Pond Expansion

Construction Audit

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

A)

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 May 13, 2020 TIME 2:05 PM
 Auditor on site at: Open Close

PREVIOUS DATE: April 29, 2020 Completed

WEATHER Sunny, clear, and dry WIND 10 - 20 mph gusting winds
 N E

TEMP Maximum 61 °F Minimum 50 °F B.P. 30.29

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 near South end of Phase 2 of North Expansion West (NEW)
placing waste on fluff layer. Fluff layer is nearly completed, select waste will be
placed again next week

No other working faces



Cover Material:

Soils stockpiled from remediation of neighboring salvage yard

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	# 2,330		cfm	

Comments:

Gas volume down, but no odors

D. Surface Water Management:

Storm Events Since Last Audit:	# 3	Est. Volume	<2"
--------------------------------	-----	-------------	-----

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

Basins draining and erosion repairs ongoing

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Waste odors on Oakwood Road, no other odors detected

F. Liquid Loads Recieved:

A couple loads today, low frequency delivery

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:

Litter about working face, predominantly in high fencing

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 Road are clean. Site roads paved to entrance of North Expansion West project was completed on May 7, 2020

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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						5/9/2020
Average Tonnage:						2,400 TPD

Comments:

Site is receiving MSW, C&D, and special wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site very busy, boxes to be emptied on May 14, 2020. Brush pile being trucked to Orchard Ridge landfill

L. Other Comments:

* Paving project was started and completed last week on May 7, 2020
entrance and US 45 much cleaner

* Contractor operating 3 bulldozers, 3 excavators, 8 haul trucks, and 2 earth compactors
* Berm construction along West and South of North Expansion West for future waste
elevations

* Ongoing excavation of North Expansion West Phase 2B

* Ongoing cap construction on Clearwater Pond Expansion

Auditor's Signature: _____

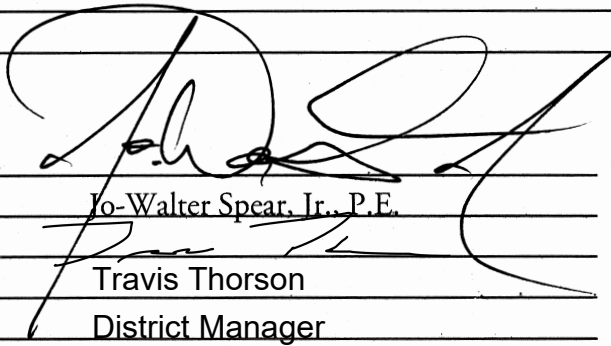
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

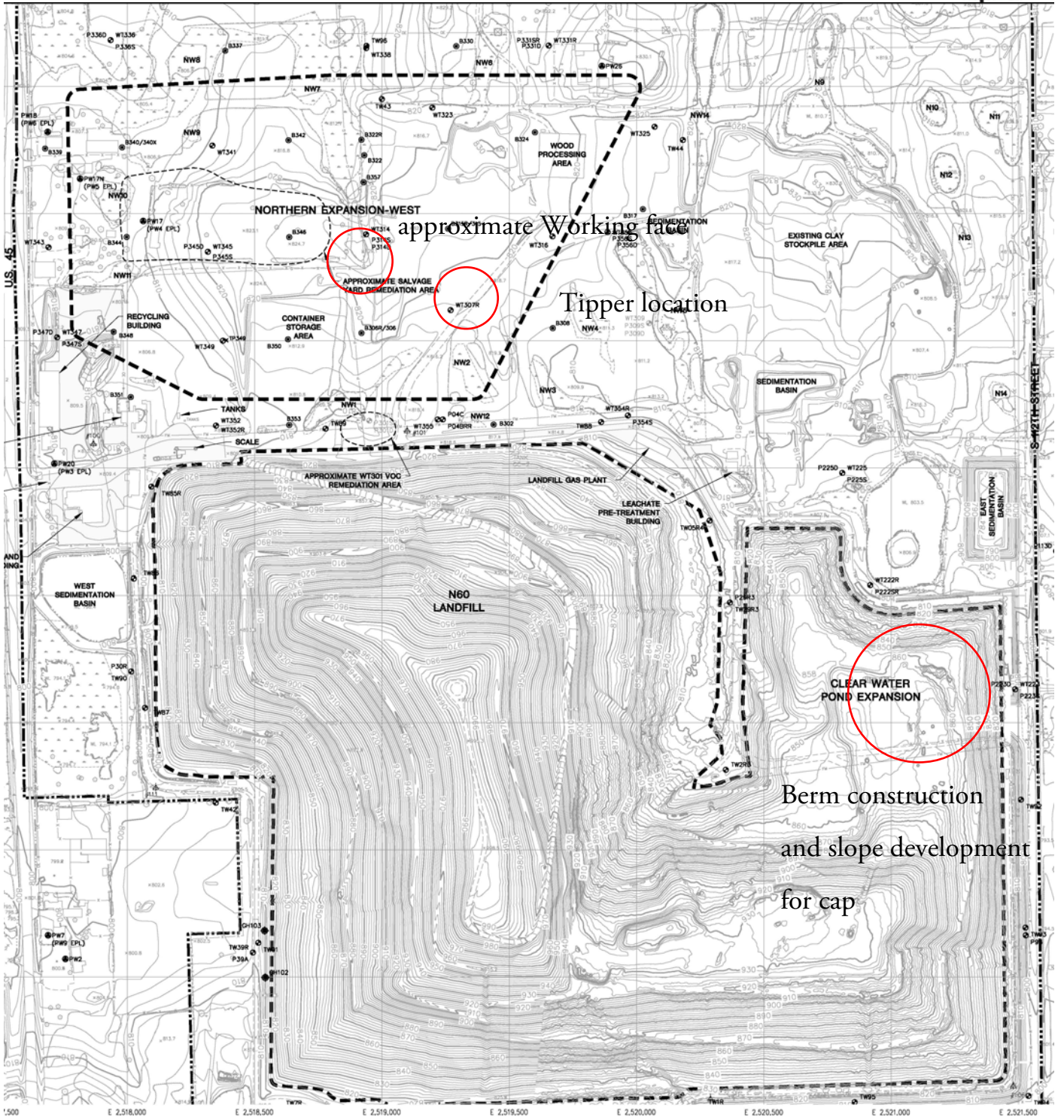


Date: 05/14/2020

Date: 5/15/2020

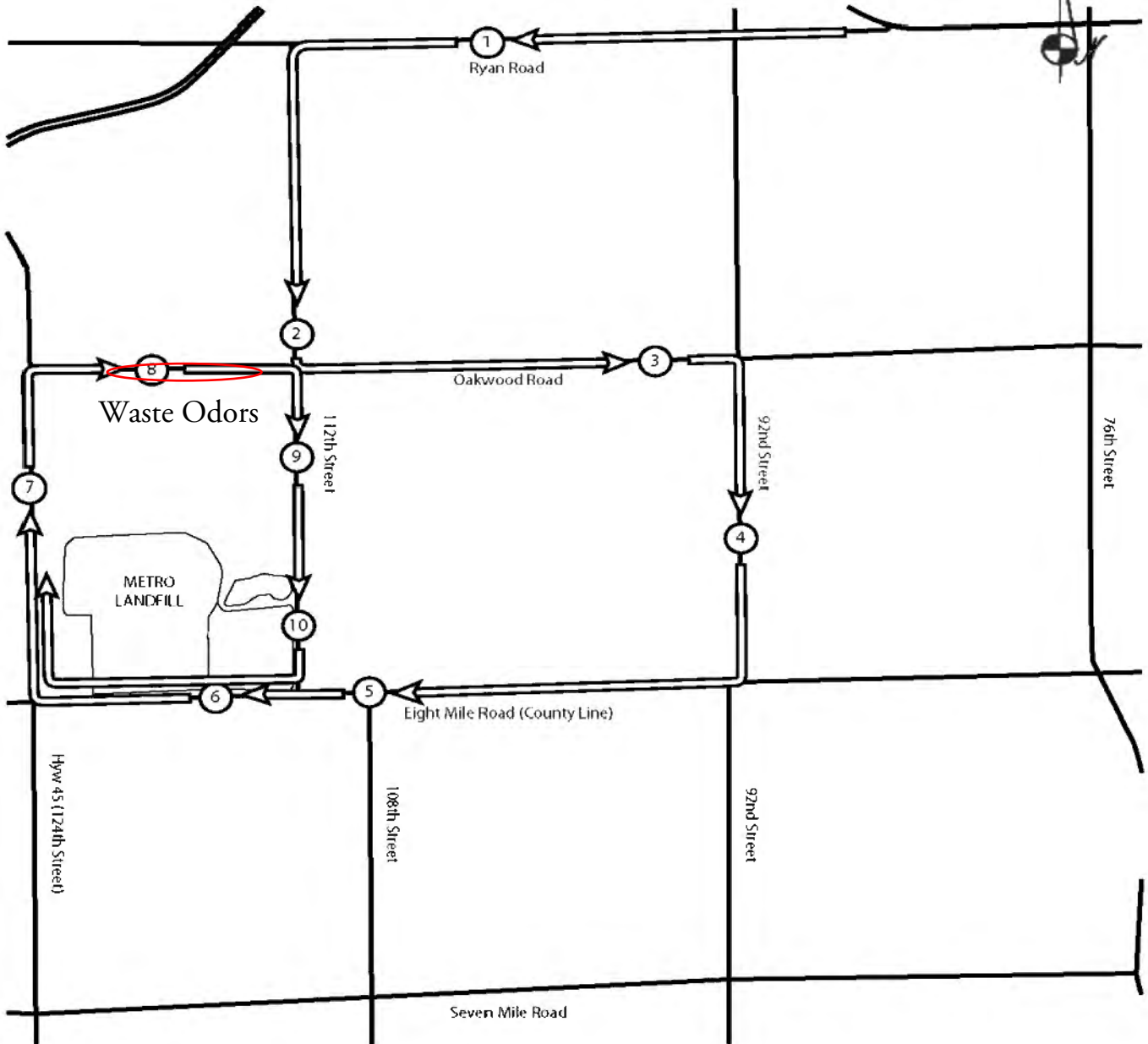
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Cap development for Clearwater Pond Expansion





Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



New energy diverter installed in Clearwater Pond Expansion Cap



South section of perimeter fence in need of repair



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW), Phase 2B



Tipper managing trailer loads



North Expansion West, (NEW), North of tipper covered with daily cover



Waste being spread into Phase 2



Tipped waste being pushed down into Phase 2



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



North end of North Expansion West (NEW), no activities



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Tipper at South end of North Expansion West (NEW) over junction of Phase 1
& 2



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B



Berm construction with excavated soils from North Expansion West (NEW),
Phase 2B

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened: 12/02/2015

Updated:

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes
1	12/02/2015	Offsite litter on ground and in trees West of 112th Street.	Host Agreement & NR 500	Travis Thorson	ASAP	12/24/2015	22	Offsite litter present over two audits
1	03/30/2016	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Dan Otzelburger	ASAP	06/18/2016	80	Offsite litter present over two audits
1	01/31/2017	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Travis Thourson	ASAP	06/14/2017	135	Offsite litter present over two audits
2	11/28/2017	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits

JSA Environmental

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.

COPIES: File

DATE: 05/19/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 24, 2020. The previous audit was conducted on May 13, 2020. The Audit was performed at 2:05 PM on **May 28, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were rainy with some sun. Winds out of the Southwest to West

Operations Audit

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

- A) Working Face and Location
- Working face is in South end of Phase 2 of North Expansion West (NEW) applying the remainder of the fluff layer
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, and two bulldozers in use
 - Fluff layer will be completed this week
 - Non-acceptable fluff being spread and covered in Phase 1 around tipper
 - Daily cover consists of stockpiled soils from adjacent salvage yard excavation
- B) Leachate Management
- All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,800 cfm of LFG
 - One shutdown on 5/18 for less than 12 hours. Shutdown to liquid in lines
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
- Four events since previous audit
 - Basins appeared to be draining and plenty of freeboard
 - Erosion repairs being performed by contractor

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - Strong gas odor from Emerald Park in Office parking lot
 - Manager stated no other onsite odors
- F) Liquid Loads Received
 - Minimal receipt of loads
- G) Litter Control
 - Two pickers active during audit
 - Manager indicated that pickers were active at temp sed basin
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean
 - Site roads paved to expansion entrance, new paving clean
- I) Inspection of Incoming waste
 - Six equipment operators spread over two working faces, managing the tipping of MSW, C&D, and special wastes
 - Average Tipping 2,800 tons per day
 - Random load inspection on 5/24/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site not open to public, boxes all full
 - Site manager states the site is clean and that boxes are being emptied on 5/28
- L) Other Comments:
 - Contractor activities on hold due to rain and wet conditions. They were excavating for four hours prior to audit.
 - Exception, one contractor dozer was spreading top soil on the East slopes of Clearwater Pond Expansion
 - Mowing contractor mowing capped area of landfill and outboard slopes of Phases 6 & 7 during audit. Mowing should be complete next week.

Construction Audit

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

A)

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 May 28, 2020 TIME 2:05 PM
 Auditor on site at: Open Close

PREVIOUS DATE: May 13, 2020 Completed

WEATHER Raining with some sun Wind mostly out of West 5 - 10
 WIND N E

TEMP Maximum 77 °F Minimum 55 °F B.P. 29.88

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Developing last area of Fluff layer at South end of Phase 2 of North Expansion West (NEW)
Non-acceptable wastes for fluff layer are being spread around tipper location.

No other working faces



Cover Material:

Soils stockpiled from remediation of neighboring salvage yard

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# May, 18, 2020			
Destructed Volume:	#	2,800	cfm	

Comments:

Shutdown due to liquid in gas lines

Shutdown less than twelve hours

D. Surface Water Management:

Storm Events Since Last Audit:	# 4	Est. Volume	~2"
--------------------------------	-----	-------------	-----

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

Visible basins have plenty of freeboard

Erosion repairs ongoing

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Strong gas odor from Emerald Park in Office parking lot

F. Liquid Loads Recieved:

Minimal volume of liquid loads coming in

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:

Manager indicated that pickers were active about the temp sed basin adjacent to Phase 2 of North Expansion West (NEW)

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 Road are clean. Site roads paved to entrance of North Expansion West project was completed on May 7, 2020. New paving 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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						5/24/2020
Average Tonnage:						2,800 TPD

Comments:

Site is receiving MSW, C&D, and special wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Boxes all full, Manager stated that emptying would occur today and that site was cleaned

L. Other Comments:

* Contractor activities on hold due to rain and wet conditions. Were active for ~4 hours prior to audit

* Exception, one dozer spreading top soil on slopes of Clearwater Pond Expansion

* Mowing contractor mowing capped areas of landfill and the outboard slopes of Phases 6 & 7 during audit, should complete by following week

Auditor's Signature: _____

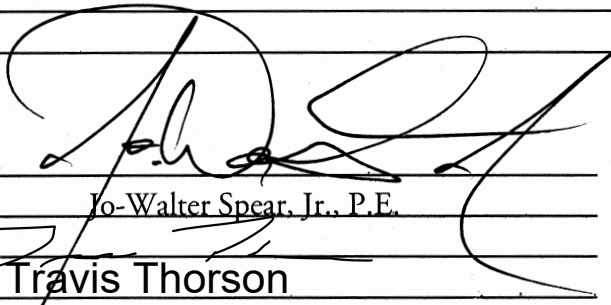
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

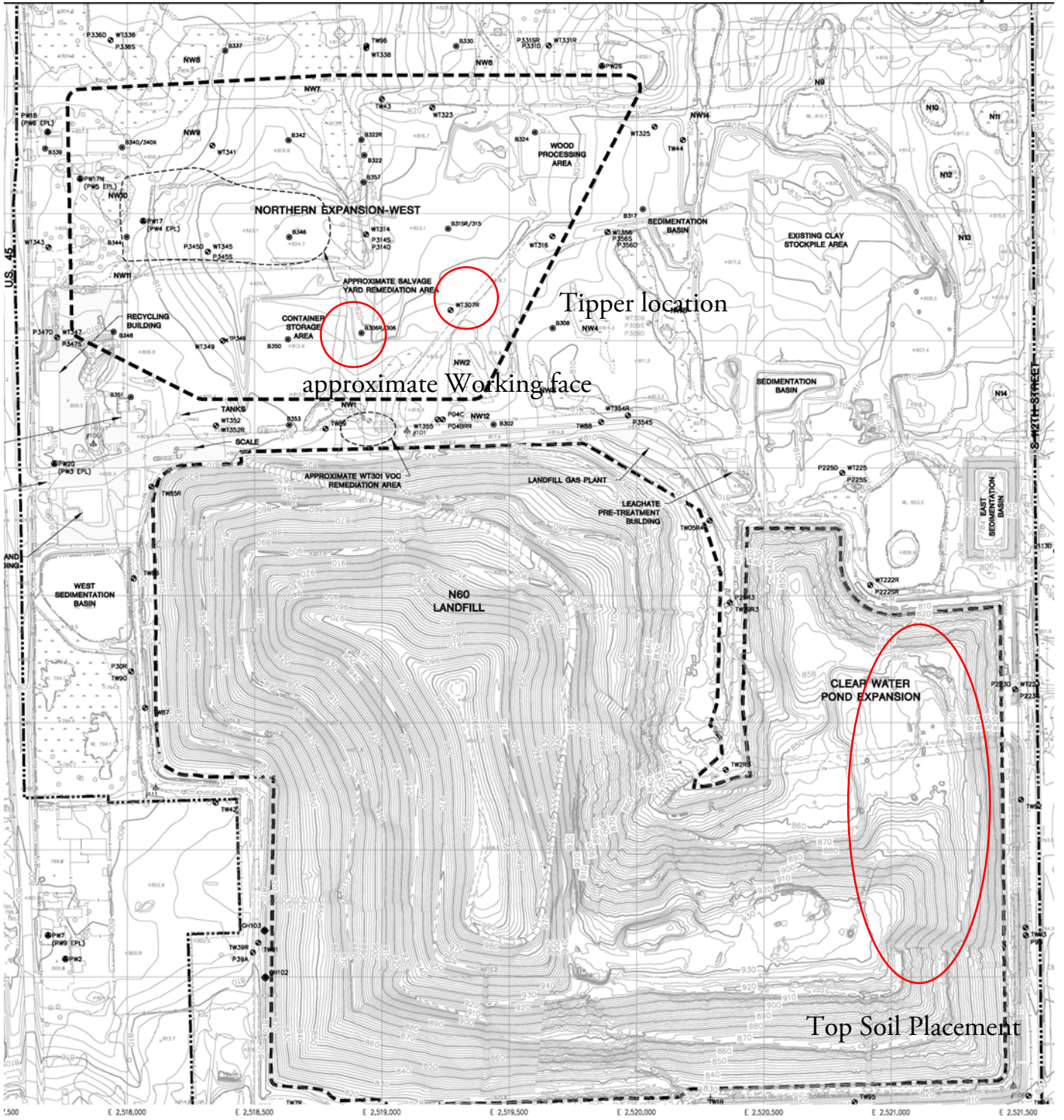


Date: 05/28/2020

Date: 6/2/2020

Date: _____

WMWI – METRO LANDFILL SITE MAP



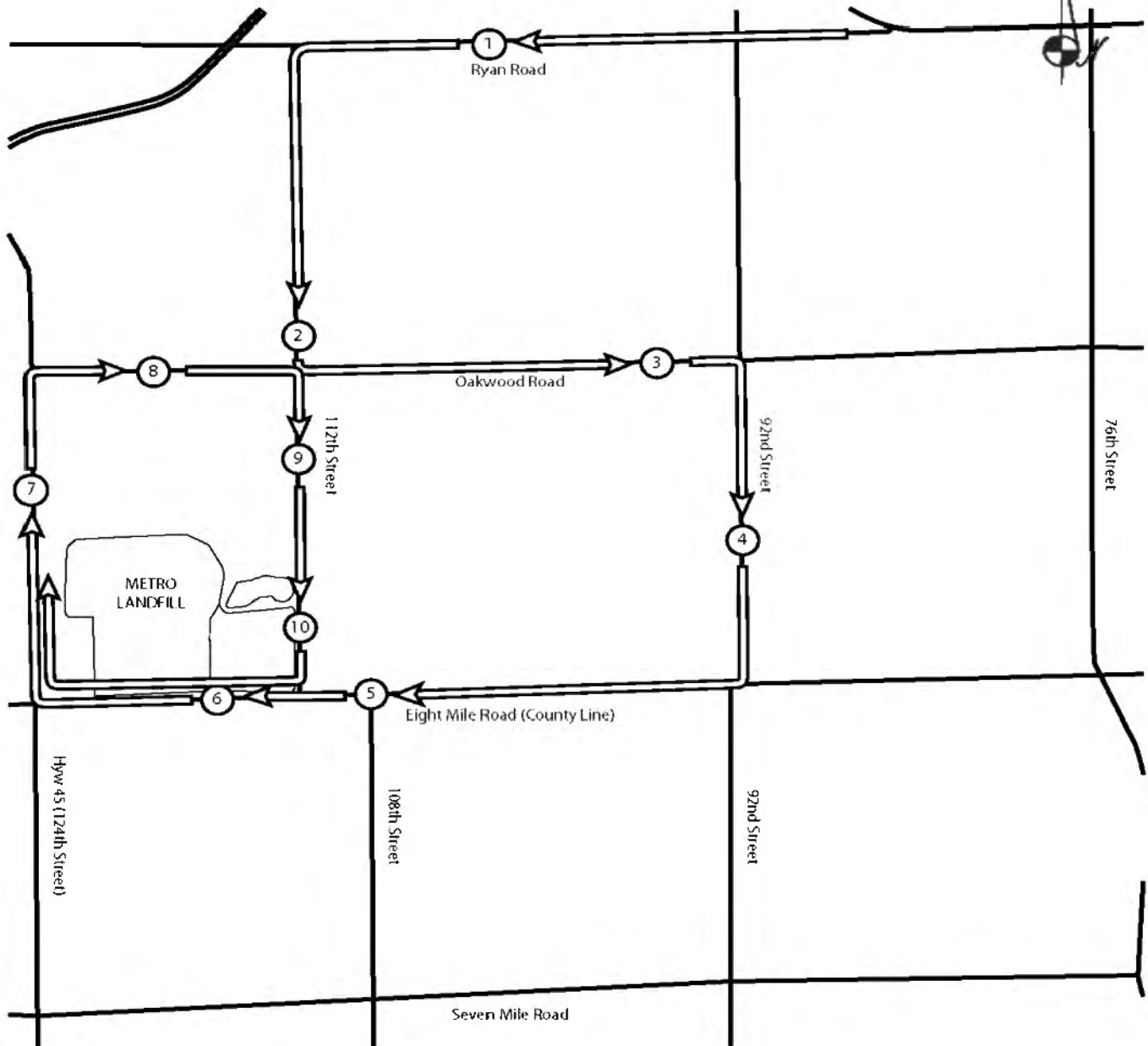
Tipper location

approximate Working face

Top Soil Placement

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



Cap development for Clearwater Pond Expansion





Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Top soil being applied to Clearwater Pond Expansion East slope



Covered and inactive North end of Phase 1 of North Expansion West (NEW)



Non-suitable fluff wastes being spread about on Phase 1 of North Expansion West (NEW) prior to cover



View of West edge of Phase 1 of North Expansion West (NEW)



Tipper above fluff layer place



South end of Phase 2 of North Expansion West (NEW)



Newly paved, start of new paving going Eastward to North Expansion West (NEW) entrance



June

JSA Environmental

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.

COPIES: File

DATE: 07/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 7, 2020. The previous audit was conducted on May 28, 2020. The Audit was performed at 10:20 AM on **June 12, 2020** by Jo Spear Jr. Travis Thorson, General Manager, was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and drying with winds out of the West

Operations Audit

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

- A) Working Face and Location
 - Working face on West side of Phase 2A of the North Expansion West
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - Fluff layer in Phase 2a is completed
 - One trailer tipper, two compactors, and two bulldozers in use
 - Fluff layer will be completed this week
 - Daily cover consists of stockpiled soils and soils incoming
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,300 cfm of LFG
 - No shutdowns since last audit
 - Volume down 500 cfm
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
 - Two events since previous audit
 - Basins appeared to be draining and plenty of freeboard
 - Erosion repairs being performed by contractor

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - Strong gas odor from Emerald Park in Office parking lot
 - Manager stated no other onsite odors
- F) Liquid Loads Received
 - Minimal receipt of loads
- G) Litter Control
 - Two pickers active during audit
 - Manager indicated that pickers were active on site
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean
 - Site roads paved to expansion entrance, new paving clean
- I) Inspection of Incoming waste
 - Six equipment operators spread over two working faces, managing the tipping of MSW, C&D, and special wastes
 - Average Tipping 3,400 tons per day
 - Random load inspection on 6/11/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open to public and very active during audit
 - Site manager states boxes are being emptied daily
- L) Other Comments:
 - Contractor actively constructing berms
 - Unmonitored access identified at North berm, issue addressed on 6/13/2020 with placement of Jersey barriers
 - Mowing contractor completed mowing work.

Construction Audit

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

A)

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 12, 2020 TIME 10:20 AM
 Auditor on site at: Open Close

PREVIOUS DATE: May 28, 2020 Completed

WEATHER Clear, sunny and drying WIND 10-20
 N S E W

TEMP Maximum 66 °F Minimum 44 °F B.P. 30.33

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	836 Compactor	X					

A. Working Face Size and Location:
Fluff layer in Phase 2a now complete.
Working face on West side of Phase 2a or North Expansion West

No other working faces



Cover Material:

Soils being tipped during operations and stockpiled from previous tipping

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	# 2,300		cfm	

Comments:

No shutdowns, gas generation and destruction consistent

however, volume down this week

D. Surface Water Management:

Storm Events Since Last Audit: # 2 Est. Volume ~2"

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

Visible basins have plenty of freeboard, and are draining from events

Erosion repairs ongoing

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Recieved:

Sporadic receipt of liquid loads

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 had been active on US 45 during the day and were active on site during audit.

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

US 45 and 8 Mile Road are clean. Newly paved site 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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						6/11/2020
Average Tonnage:						3,400 TPD

Comments:

Site is receiving MSW, C&D, and soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site very busy during audit. Boxes now being emptied daily

L. Other Comments:

* Contractor still constructing berms, uncontrolled access at the North Berm.
This condition was addressed by 6/13 with the placement of Jersey Barriers

* Mowing contractor, mowing completed.

Auditor's Signature: _____

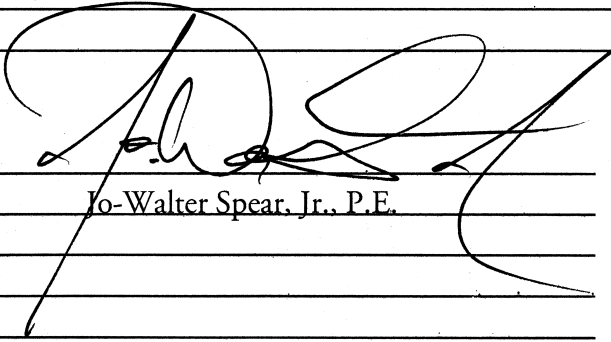
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

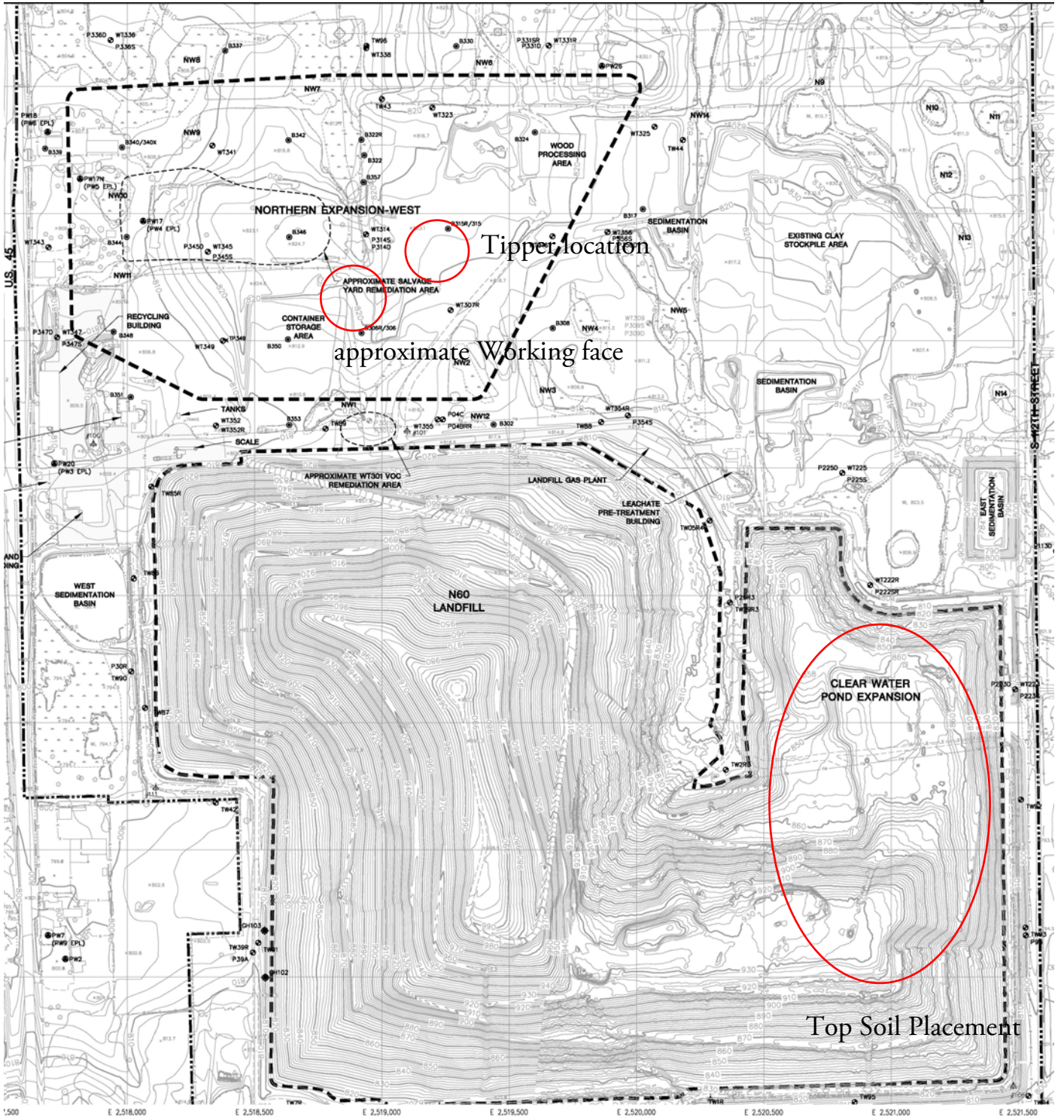


Date: 06/26/2020

Date: _____

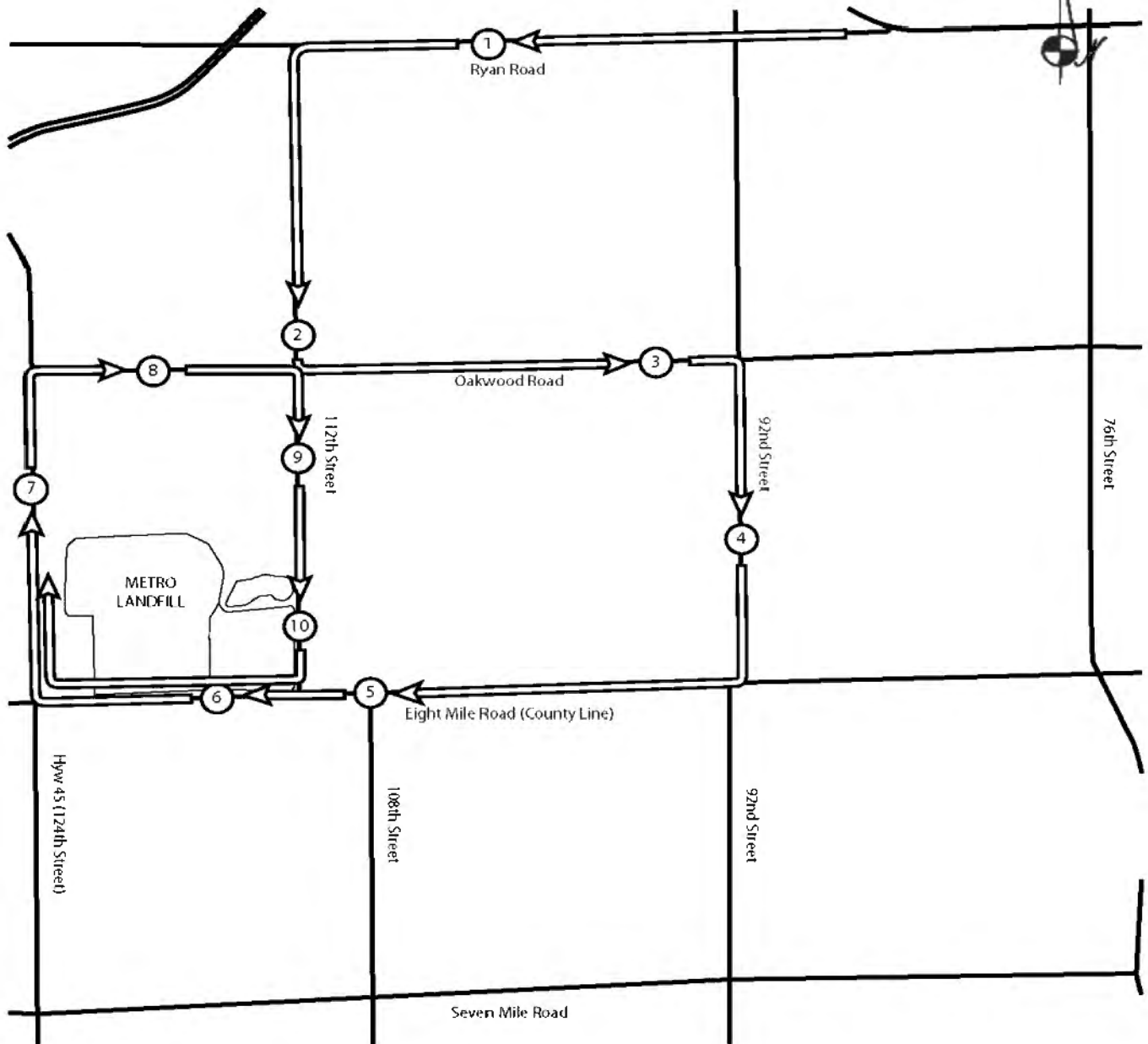
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Cap development for Clearwater Pond Expansion





Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



Cap development for Clearwater Pond Expansion



North berm, no control on access to landfill. This has been corrected



Berm construction ongoing



Working face viewed from fuel staging



Working face viewed from fuel staging

JSA Environmental

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.

COPIES: File

DATE: 07/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 21, 2020. The previous audit was conducted on June 12, 2020. The Audit was performed at 3:30 PM on **June 25, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and dry with winds out of the South

Operations Audit

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

- A) Working Face and Location
 - Working face in center of Phase 2a of North Expansion West; directly below tipper placed in center of Phase 1
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, and two bulldozers in use
 - No other working faces in operation
 - Daily cover consisted of soils previously being stockpiled and tipped in today's operation
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~2,700 cfm of LFG
 - No shutdowns since last audit
 - Gas volume restored since previous audit
 - One turbine down permanently, but still on site
 - Three engines in use
 - One engine broken
- D) Surface Water Management
 - Two events since previous audit
 - Basins appeared to be draining and plenty of freeboard
 - Erosion repairs completed

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - No odors on or off site
- F) Liquid Loads Received
 - Minimal receipt of loads
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site and no litter off site
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean, but dusty
 - Site roads paved to expansion entrance, new paving clean
- I) Inspection of Incoming waste
 - Six equipment operators spread over two working faces, managing the tipping of MSW, C&D, special wastes, and special wastes
 - Average Tipping 4,500 tons per day
 - Random load inspection on 6/16/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open to public, boxes roughly half full
 - Site manager states the site is clean and that boxes are being emptied daily
- L) Other Comments:
 - Contractor excavating new temp sed basin at base of North berm
 - Excavation for Phase 2B completed, liner deployment expected next week
 - Structural berms for North Expansion West completed
 - Clearwater Pond Expansion Cap now complete and greening quickly

Construction Audit

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

A)

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, 2020 TIME 3:30 PM
 Auditor on site at: Open Close

PREVIOUS DATE: June 12, 2020 Completed

WEATHER Clear, sunny and dry WIND 5 - 15 MPH
 N E W

TEMP Maximum 82 °F Minimum 61 °F B.P. 29.99

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
1	836 Compactor	X					

A. Working Face Size and Location:

Working face in Phase 2a , in center of Phase, directly below tipper placed in center of Phase 1. Waste being pushed downslope from tipper

No other working faces



Cover Material:

Soils being tipped during operations and stockpiled from previous tipping

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	# 2,700		cfm	

Comments:

No shutdowns, gas generation and destruction consistent

volume restored to expected value

D. Surface Water Management:

Storm Events Since Last Audit:	# 2	Est. Volume	~2"
--------------------------------	-----	-------------	-----

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

Visible basins have plenty of freeboard, and are draining from events

Erosion repairs are completed

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Recieved:

Sporadic receipt of liquid loads

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 minimal on site and no litter off 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 and 8 Mile Road are clean, but 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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						6/6/2020
Average Tonnage:						4,500 TPD

Comments:

Site is receiving MSW, C&D, special waste, and small volume soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site very busy during audit. Boxes roughly half filled. Boxes now being emptied daily

L. Other Comments:

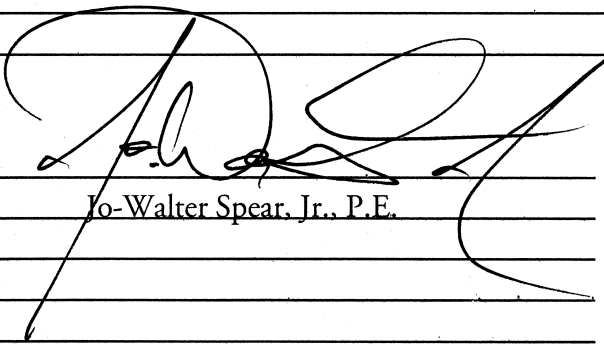
* Contractor is excavating new temp sed basin at base of North berm

* Excavation for Phase 2B complete, liner deployment expected next week

* Structural berms at North and South completed

* Clearwater Pond Expansion Cap now complete and greening up quickly

Auditor's Signature:



Date: 06/26/2020

Auditor's Printed Name:

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

Management Signature:

Date: _____

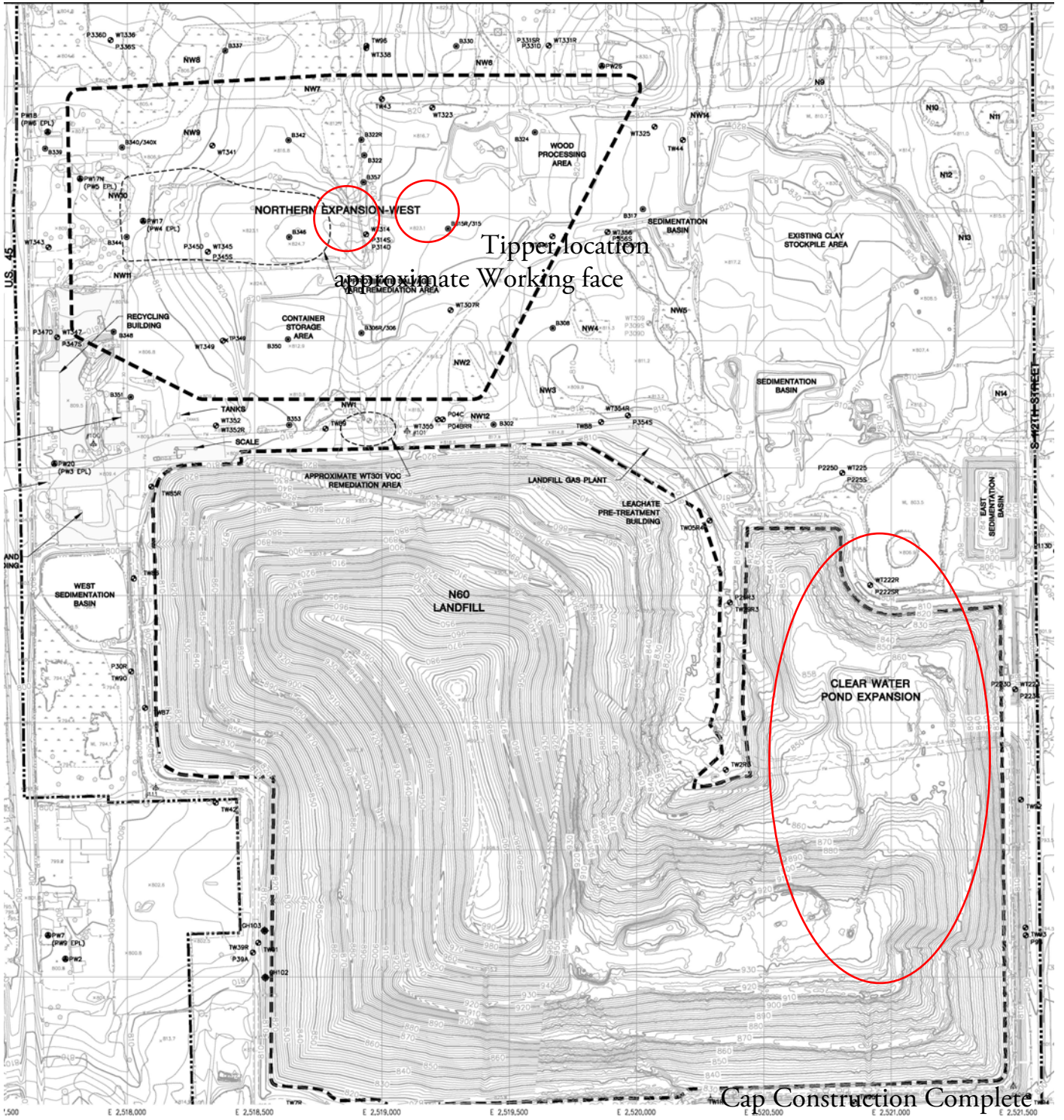
Management Printed Name:

Management Title:

JSA Principal Signature

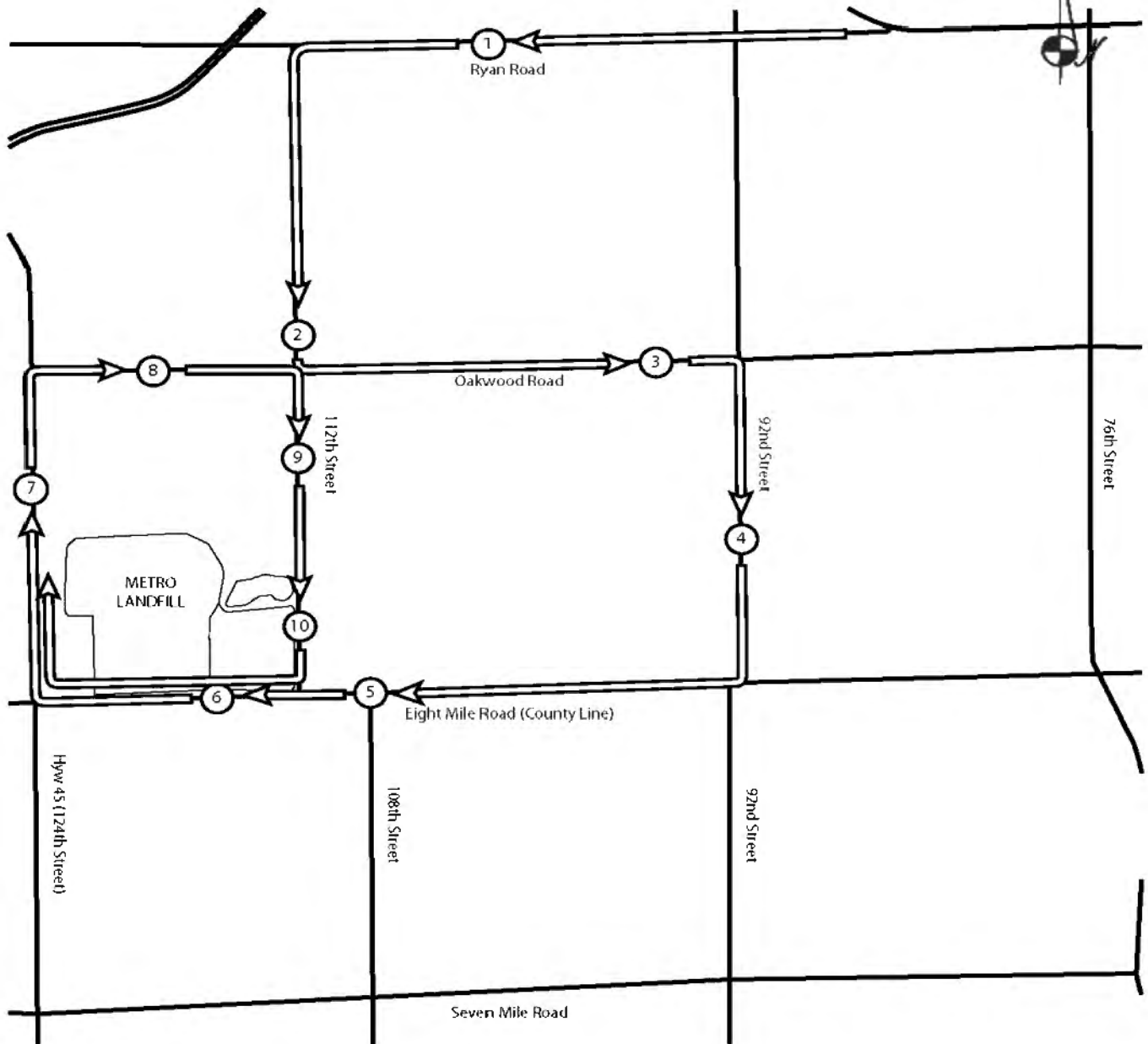
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Cap completed on Clearwater Pond Expansion, note vegetation growth





Cap completed on Clearwater Pond Expansion, note vegetation growth



Cap completed on Clearwater Pond Expansion, note vegetation growth



Cap completed on Clearwater Pond Expansion, note vegetation growth



Excavation of new temp sed basin at North end of North Expansion West



Excavation of new temp sed basin at North end of North Expansion West



Future excavation of North Expansion West, West of active area



Future excavation of North Expansion West, West of active area



Future excavation of North Expansion West, West of active area



Future excavation of North Expansion West, West of active area



Central view into North Expansion West, working face and tipper in back ground



Future phases of North Expansion West prepared for excavation



South edge of North Expansion West, prepped for excavation



July

JSA Environmental

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.

COPIES: File

DATE: 07/27/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 21, 2020. The previous audit was conducted on July 5, 2020. The Audit was performed at 1:15 PM on **July 9, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions was falling rain, with sunny and dry before the audit

Operations Audit

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

- A) Working Face and Location
- Working face in center of Phase 2a of North Expansion West; directly below tipper placed in center of Phase 1
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, and two bulldozers in use
 - No other working faces in operation
 - Daily cover consisted of soils previously being stockpiled in Phase 2A
- B) Leachate Management
- All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
- Three engines and one flare in use for LFG destruction
 - Destructing ~2,000 cfm of LFG
 - Turbine plant shut down from 7/8- 7/10/2020 due to electrical issues
 - Gas volume destruction down while turbine down
 - One turbine down permanently, but still on site
 - One engine broken
- D) Surface Water Management
- Two heavy events since last audit
 - Basins appeared to be draining and plenty of freeboard
 - Erosion repairs completed
 - Clearwater Pond Cap completed

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- E) Odor Control
 - No odors off site
 - Garbage odors detected on site, downwind of active area
- F) Liquid Loads Received
 - Minimal receipt of loads
- G) Litter Control
 - Three pickers active during audit
 - Litter minimal on site pickers active about North Expansion West
- H) Vehicle Impacts
 - US45 and 8 Mile Road dusty and dry, turn lanes have debris
 - Site roads paved to expansion entrance, perimeter road restored after gas line placements
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW, and C&D
 - Average Tipping 2,250 tons per day
 - Random load inspection on 7/10/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open to public and very busy
 - Site manager states the site is clean and that boxes are being emptied daily
- L) Other Comments:
 - Excavation was completed at the end of June
 - Liner deployment will be completed on July 12, 2020
 - Leachate collection system construction of Phase 2B of North Expansion West (NEW) to begin next

Construction Audit

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

A)

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 9, 2020 TIME 1:15 PM
Auditor on site at: Open Close

PREVIOUS DATE June 25, 2020 Completed

WEATHER Rain during Audit. Sunny and dry prior WIND 10 - 15 MPH, varying direction
N S E W

TEMP Maximum 91 °F Minimum 69 °F B.P. 29.91

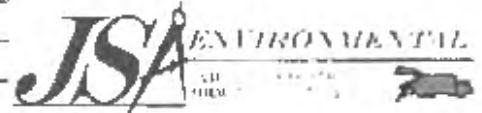
MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 center of Phase 2A. Waste being pushed down from center of Phase 1
No other working faces



Cover Material:

Soils previously tipped in Phase 2A to stockpile for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	#	
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# 1			
Destructed Volume:	# 2,000		cfm	

Comments:

Turbine plant shut down from 7/8 to 7/10/2020 due to electrical issues

No other shut downs. Gas volume destruction down.

D. Surface Water Management:

Storm Events Since Last Audit: # 2 Est. Volume -2"

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

Heavy rains in week previous to Audit. Site erosion minimal

Clearwater Pond cap construction completed

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No off site odors detected, garbage odors were recorded on site; down wind of active area

F. Liquid Loads Received:

Sporadic receipt of liquid loads

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:

Litter minimal on site, pickers active about North Expansion West (NEW)

No off site 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 and 8 Mile Road dusty and dry, turn lanes have debris

Site roads restored

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"/>	#	5
Spiller:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	7/10/2020			
Average Tonnage:	2,250 TPD			

Comments:

Site is receiving MSW and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site very busy during audit. Site clean and boxes being emptied during audit

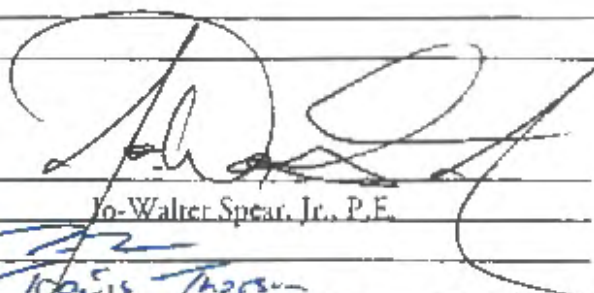
L. Other Comments:

* Excavation completed at end of June

* Liner deployment completed on July 12, 2020

* Leachate collection system construction for Phase 2B of North Expansion West (NEW) to begin next

Auditor's Signature:

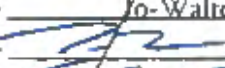


Date: 07/20/2020

Auditor's Printed Name:

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

Management Signature:



Date: 7/27/20

Management Printed Name:

K. S. Thorsen

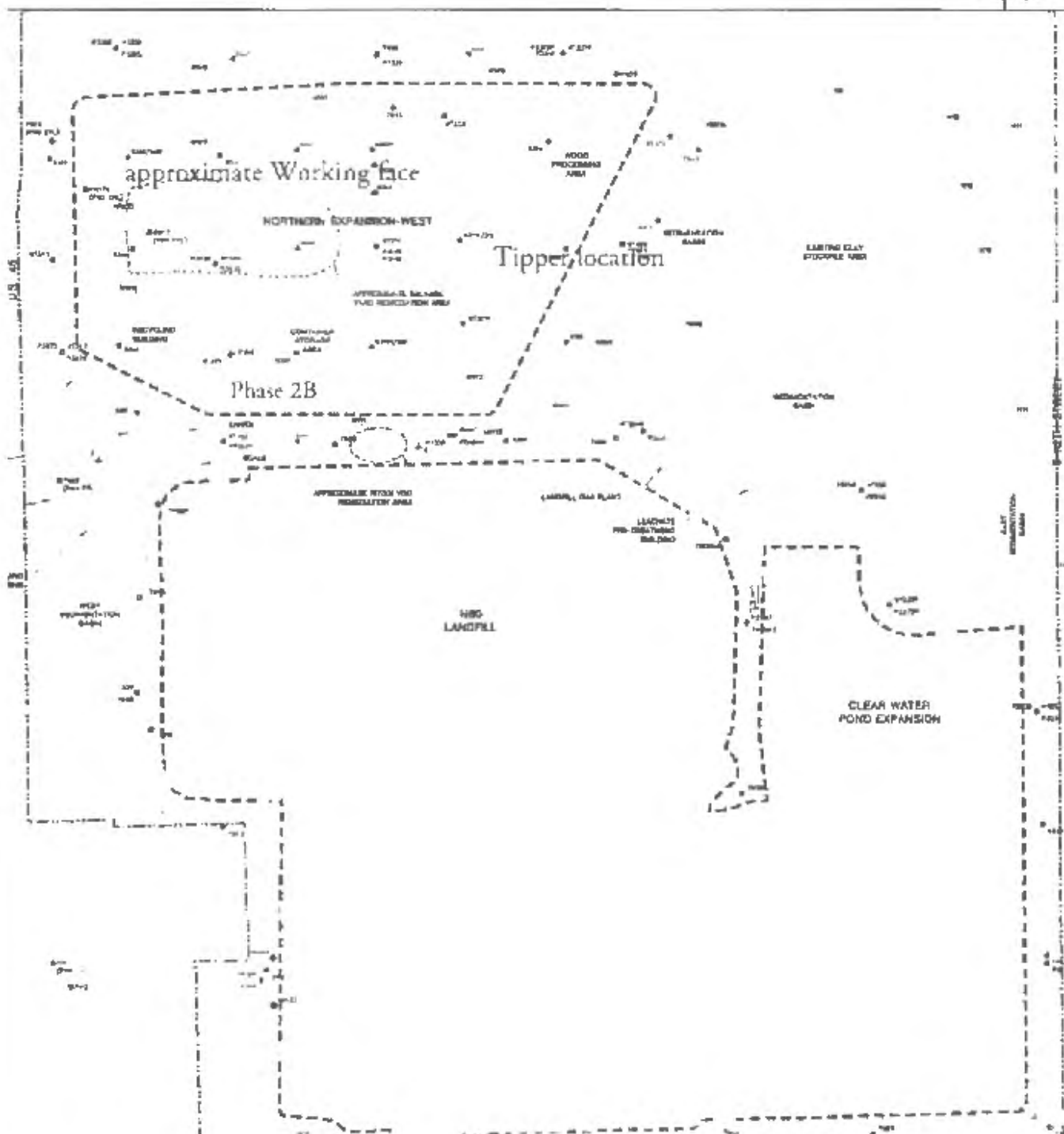
Management Title:

Om

JSA Principal Signature

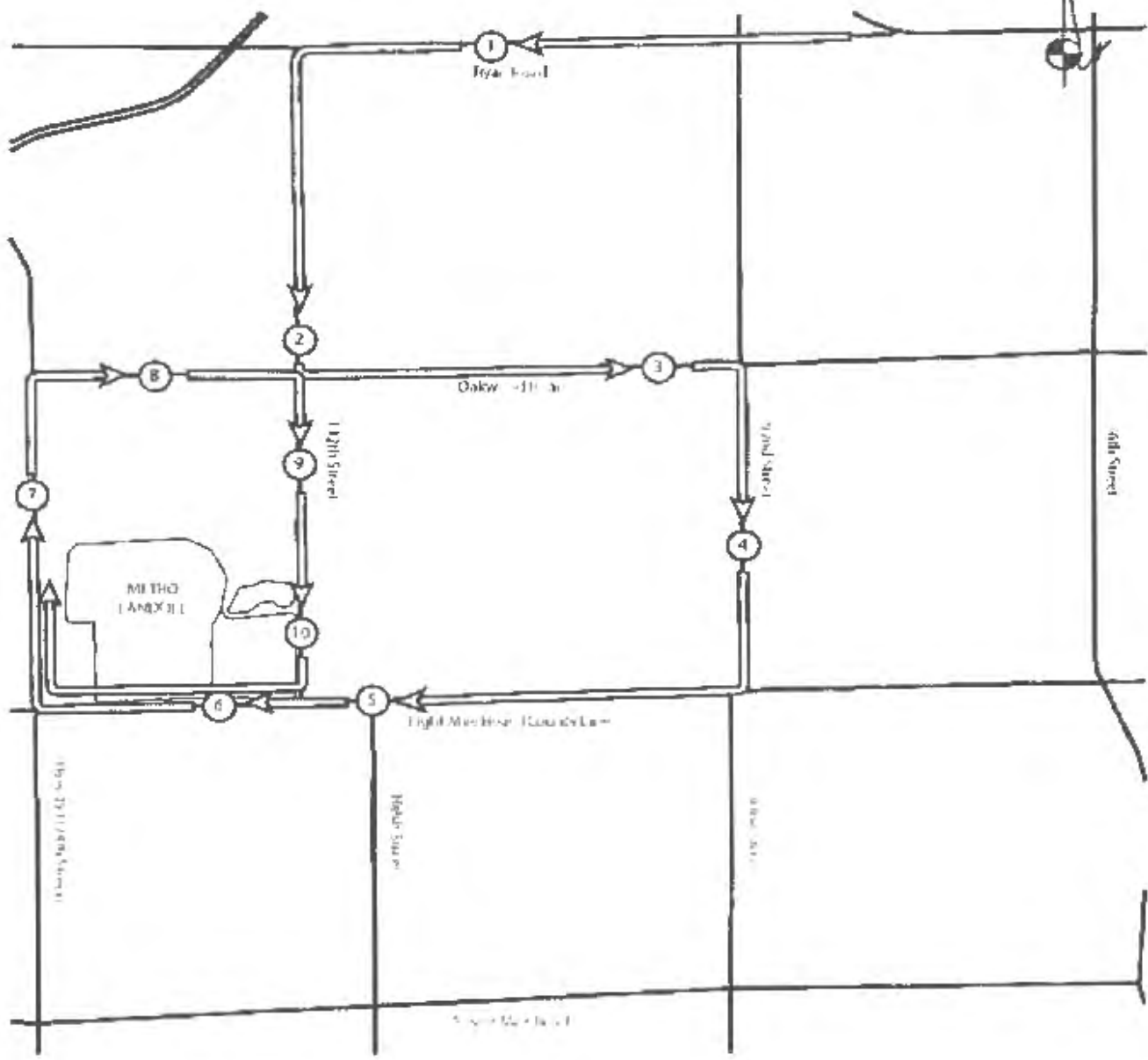
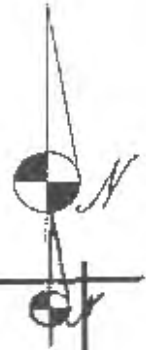
Date:

WMWI - METRO LANDFILL SITE MAP



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



View across future cells





Cleared area of future cell



Tipper above working face in North Expansion West (NEW) Phase 2A



Active are in center of North Expansion West (NEW)



South end of North Expansion West (NEW)

JSA Environmental

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.

COPIES: File

DATE: 07/27/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of July 19, 2020. The previous audit was conducted on July 9, 2020. The Audit was performed at 11:32 AM on **July 23, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were sunny with clouds, some overcast conditions and possible rain

Operations Audit

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

- A) Working Face and Location
- Working face in center of Phase 2a of North Expansion West; directly below tipper placed in center of Phase 1
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, excavator, haul truck, and one bulldozer in use
 - No other working faces in operation
 - Daily cover consisted of soils previously being stockpiled and tipped in today's operation
- B) Leachate Management
- All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~NA during audit
 - One shutdowns since last audit – Turbine down 7/7 thru 7/10/2020 due to electrical issues
 - One turbine down permanently, but still on site
 - One engine broken
- D) Surface Water Management
- Two events since previous audit
 - Basins appeared to be draining and plenty of freeboard
 - No new erosion
- E) Odor Control

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Garbage odors downwind of North Expansion West on US 45 and Site access roads
- F) Liquid Loads Received
 - Site receiving one to three loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site and no litter off site
 - Pickers relocating litter fencing from Clearwater Pond Expansion to North Expansion West
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean, but dusty
 - Site roads paved to expansion entrance, new paving clean
 - Other site roads potholed
- I) Inspection of Incoming waste
 - Six equipment operators spread over two working faces, managing the tipping of MSW, C&D, and clean fill.
 - Average Tipping 2,700 tons per day
 - Random load inspection on 6/16/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site closed during audit
 - Site manager states the site is clean and that boxes are being emptied during audit
- L) Other Comments:
 - New Berlin Excavation placing leachate collection system, drainage blanket of crushed stone.
 - Mueller Construction is installing side slope risers, the drain of the leachate collection system in North Expansion West (NEW) Phase 2B

Construction Audit

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

A)

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 23, 2020 TIME 11:32 PM
 Auditor on site at: Open Close

PREVIOUS DATE: July 9, 2020 Completed

WEATHER Sun w/ clouds, some overcast conditions, possible rain WIND 5 to 15 MPH
 ☉ S ☽ W

TEMP Maximum 77 °F Minimum 60 °F B.P. 30.11

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 middle of Phase 2A, tipper in Phase 1 facing North
Waste being pushed downslope into Phase 2A

No other working faces



Cover Material:

Soils previously ripped in Phase 2A to stockpile for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# 1			
Destructed Volume:	# NA		cfm	

Comments:

Manager was not at his desk during phone call, so no quantifiable data

Gas extraction has been operating smoothly with no shutdowns since last audit

D. Surface Water Management:

Storm Events Since Last Audit: # 2 Est. Volume -1"

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

Basins clean and draining, plenty of free board

No new erosion

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Minor garbage odor down wind of North Expansion West on US 45 and Site access

F. Liquid Loads Received:

Approximately one to three loads per day

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 relocating litter fencing from Clear Water Pond to North Expansion West

No off site 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 and 8 Mile Road clean, New paved road clean

Unpaved site roads potholed

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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						7/18/2020
Average Tonnage						2,700 TPD

Comments:

Site is receiving MSW, clean fill, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site closed, clean, and boxes being emptied during the day

L. Other Comments:

* New Berlin Excavation placing leachate collection system, stone

* Mueller Construction installing side slope risers for North Expansion West (NEW)

Phase 2B

Auditor's Signature:

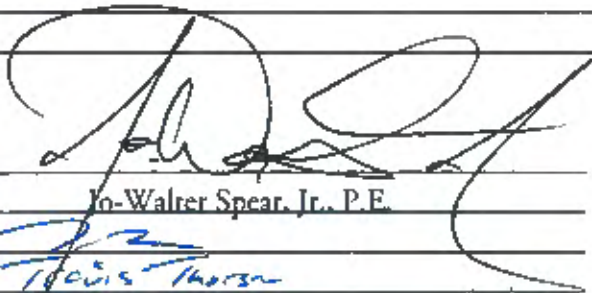
Auditor's Printed Name:

Management Signature:

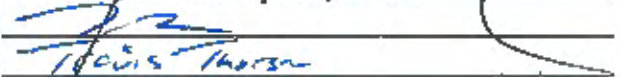
Management Printed Name:

Management Title:

JSA Principal Signature



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



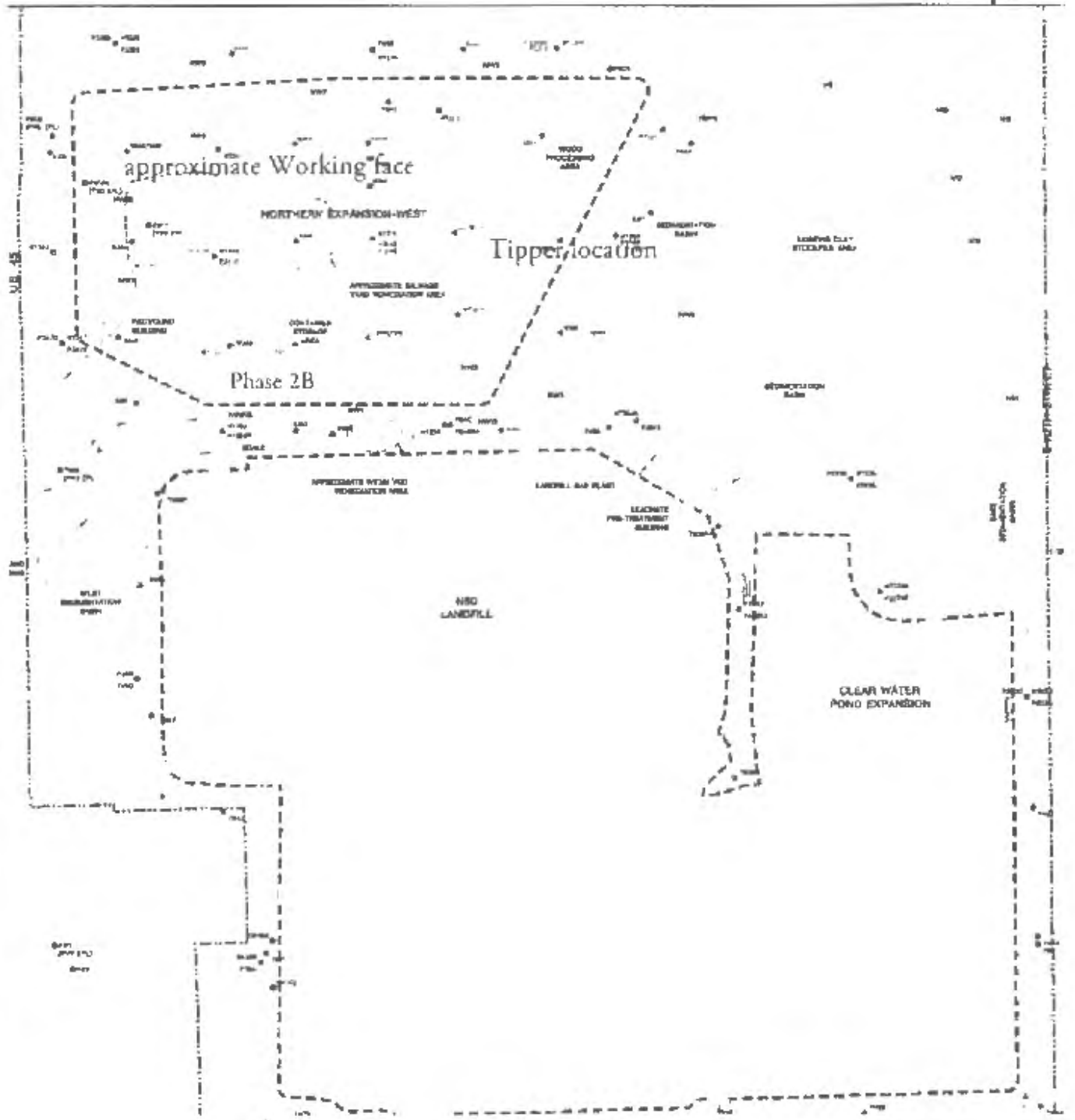
pm

Date: 07/23/2020

Date: 7/27/20

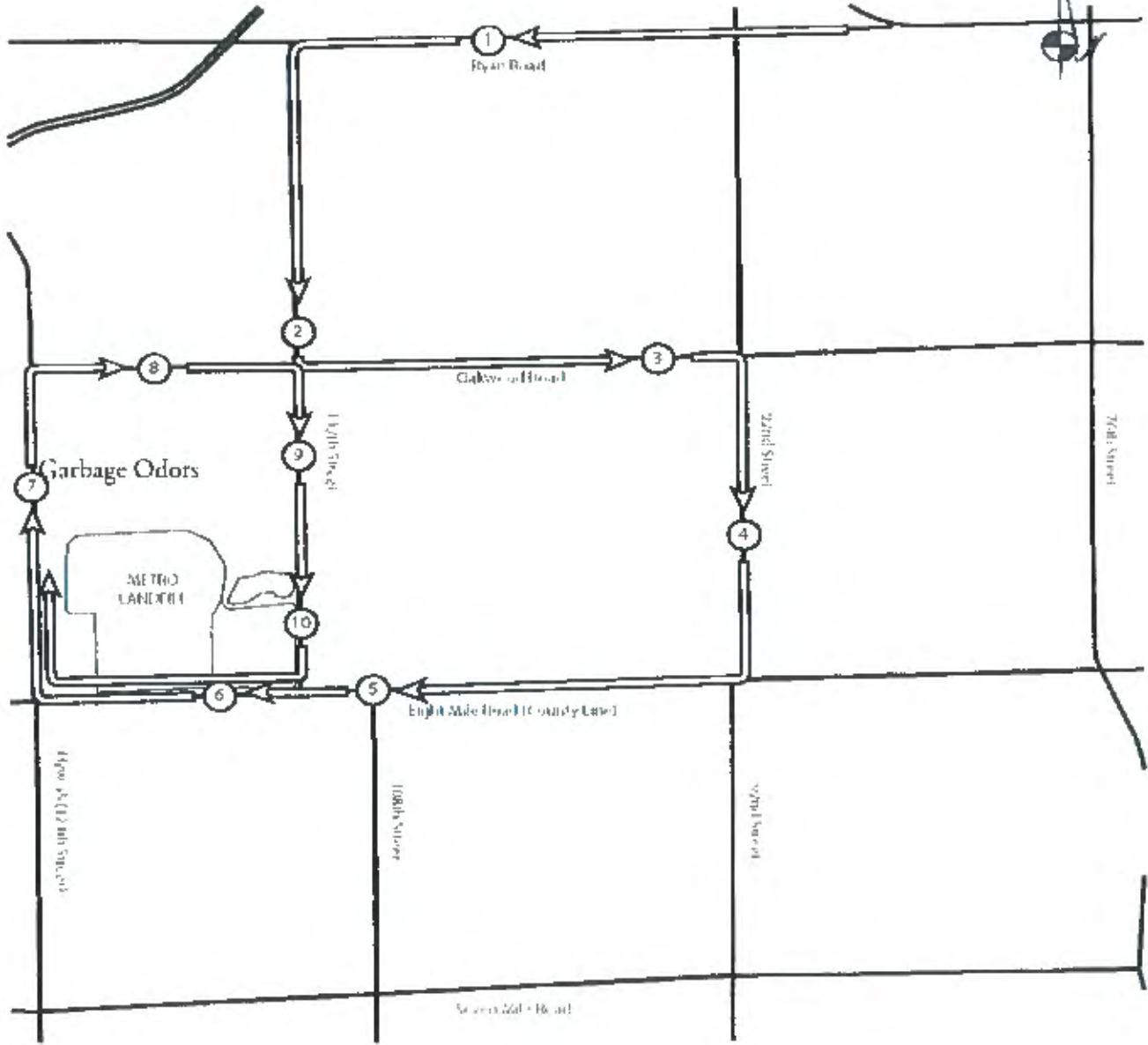
Date:

WMWI - METRO LANDFILL SITE MAP



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



Clearwater Pond Expansion viewed from the North





Clearwater Pond Expansion viewed from the North



East slope of Clearwater Pond Cap



North slope of Clearwater Pond Cap



Northeast corner of Clearwater Pond Cap



Erosion on East slope of Clearwater Pond, not cap.



View of working face from Southwest



Tipper in center of Phase 1, North Expansion West



Stockpiled cover in North Expansion West



August

JSA Environmental

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.

COPIES: File

DATE: 09/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 9, 2020. The previous audit was conducted on July 23, 2020. The Audit was performed at 1:02 PM on **August 13, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were sunny, clear, and very dry

Operations Audit

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

- A) Working Face and Location
 - Working face in Northern end of Phase 2A of North Expansion West. Tipper in Phase 1 facing North
 - Waste being pushed from tipper in Phase 1 into Phase 2
 - One trailer tipper, two compactors, excavator, haul truck, and one bulldozer in use
 - No other working faces in operation
 - Daily cover consisted of soils previously being stockpiled and tipped in today's operation
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~NA during audit
 - No shutdowns since previous audit
 - One turbine down permanently, but still on site
 - One engine broken
- D) Surface Water Management
 - Basins draining, no appreciable new erosion
 - Auditor can not see new Temp Sed Basin construction
- E) Odor Control
 - Minor garbage odor down wind of North Expansion West on US 45 and Site access
- F) Liquid Loads Received

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Site receiving one to three loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal about North Expansion West
 - No off site litter
- H) Vehicle Impacts
 - US45 and 8 Mile Road clean
 - Site roads paved to expansion entrance, new paving dusty
 - Other site roads potholed
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working faces, managing the tipping of MSW, C&D, and clean fill.
 - Average Tipping 2,400 tons per day
 - Random load inspection on 8/15/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site closed during audit
 - Site manager states the site is clean and boxes are mostly empty
- L) Other Comments:
 - Liner crew repairing new liner after testing in Phase 2B of North Expansion West
 - Pipping contractor installing drip legs

Construction Audit

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

A)

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 August 13, 2020 TIME 1:02 PM
Auditor on site at: Open Close

PREVIOUS DATE: July 23, 2020 Completed

WEATHER Sunny, Clear, very dry WIND S to 10 MPH
N S W

TEMP Maximum 84 °F Minimum 64 °F B.P. 30.17

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 Northern end Phase 2A, tipper in Phase 1 facing North
Waste being pushed downslope into Phase 2A

No other working faces



Cover Material:

Soils previously tipped in Phase 2A to stockpile for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#			
Destructed Volume:	#	3,100	cfm	

Comments:

No shutdowns since previous Audit.

Gas extraction has been operating smoothly

D. Surface Water Management:

Storm Events Since Last Audit: # Est. Volume

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

Basins draining no appreciable new erosion

Auditor can not see temporary sed basin

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Minor garbage odor down wind of North Expansion West on IIS 45 and Site access

F. Liquid Loads Received:

Approximately one to three loads per day

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 minimal about North Expansion West
No off site 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 and 8 Mile Road clean, New paved road clean but dry and dusty
Unpaved site roads potholed

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"/>	#	5
Spiller:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates						8/15/2020
Average Tonnage						2,400 TPD

Comments:

Site is receiving MSW, clean fill, and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

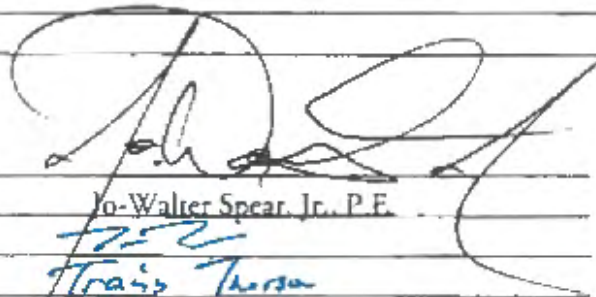
Site closed, clean, and boxes mostly empty

Other Comments:

* Liner Crew repairing identified issues with new liner in Phase 2B of North Expansion West

* Piping contractor installing drip legs

Auditor's Signature:




Date: 08/27/2020

Auditor's Printed Name:

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

Management Signature:



Date: 8/21/20

Management Printed Name:

Travis Turner

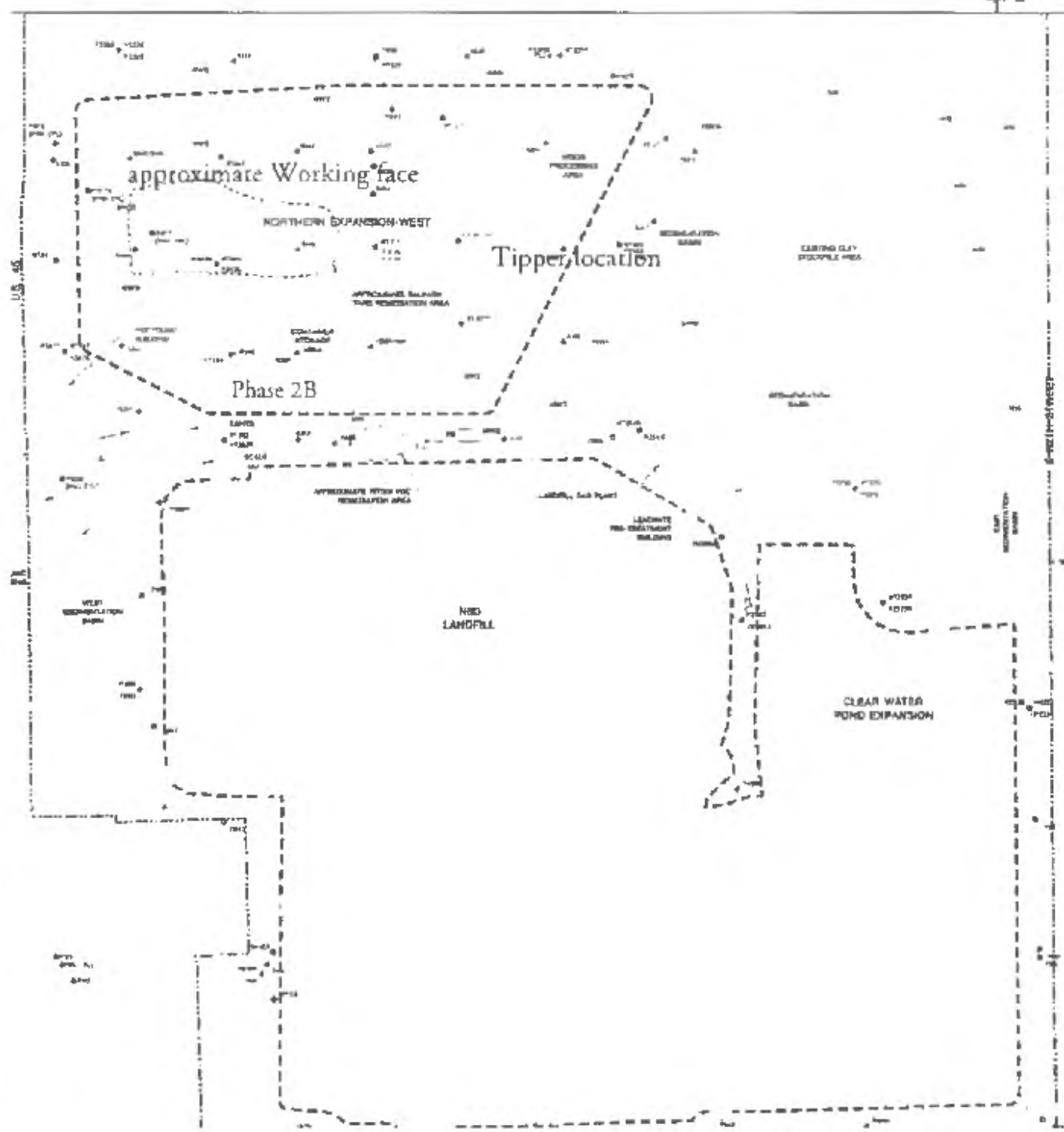
Management Title:

OM

JSA Principal Signature

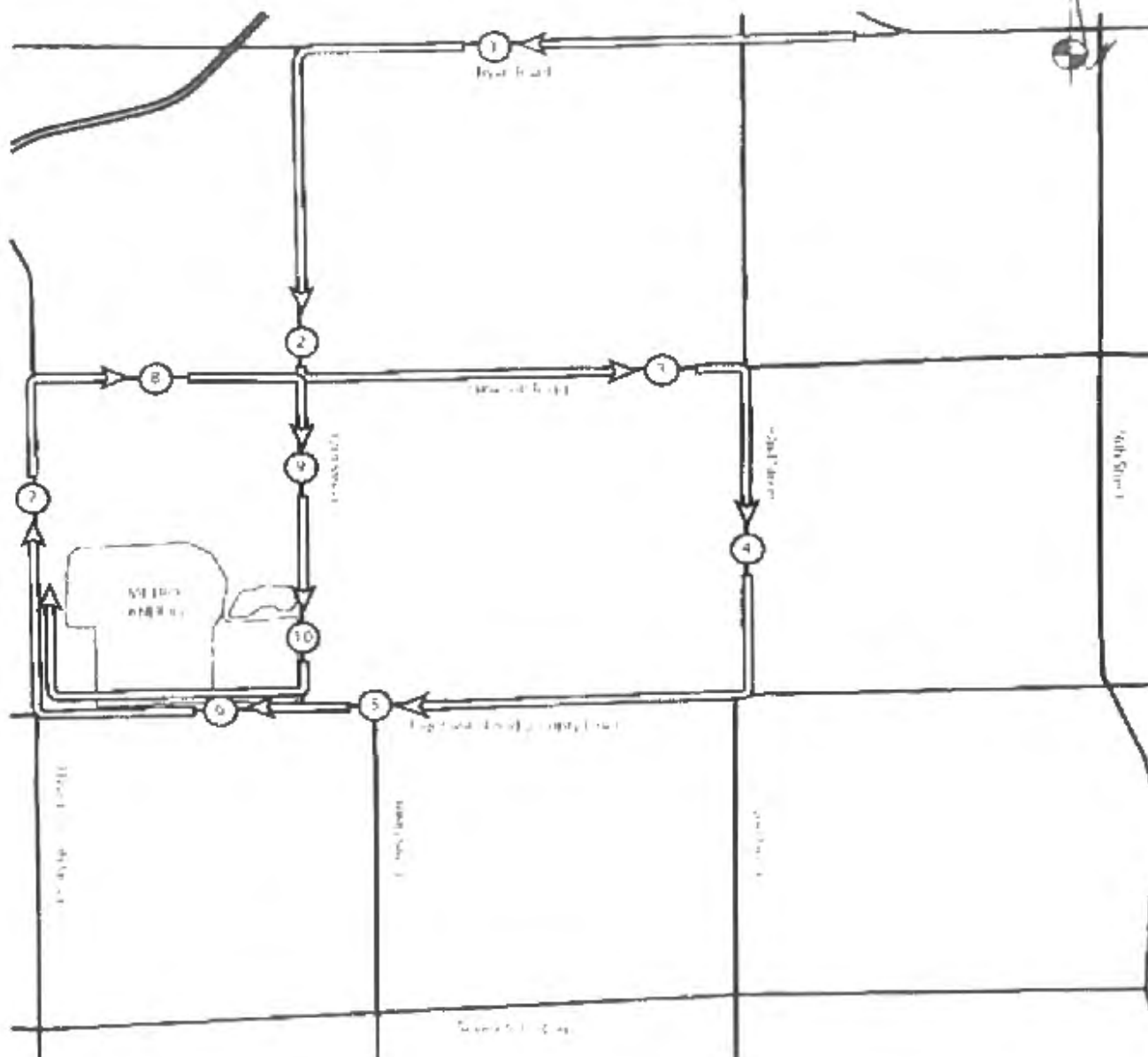
Date:

WMWI - METRO LANDFILL SITE MAP



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



View North to new berms





Completed berms and areas above Phase 2B of North Expansion west



Completed berms and areas above Phase 2B of North Expansion west



Tipping of truck in Northeast of Phase 1 of North Expansion West



Tipper in middle of Phase 1 of North Expansion West



Construction equipment staged outside of Active Area



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.

COPIES: File

DATE: 09/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 23, 2020. The previous audit was conducted on August 13, 2020. The Audit was performed at 11:32 AM on **August 25, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were sunny with clouds, some overcast conditions and possible rain

Operations Audit

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

- A) Working Face and Location
 - Working face and tipper in middle of Phase 1 of North Expansion West.
 - Waste being spread about tipper and filling in depressions of Phase 1
 - One trailer tipper, two compactors, excavator, haul truck, and one bulldozer in use
 - No other working faces in operation
 - Daily cover consisted of soils previously being stockpiled and tipped in today's operation
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - No Shutdowns since July
 - One turbine down permanently, but still on site
 - One engine broken
- D) Surface Water Management
 - Heavy rain even on previous night
 - Basins appeared to be draining and plenty of freeboard
 - No new erosion, auditor can not view new Temp Sed Basin
- E) Odor Control
 - Gas odor at site entrance and about gas plant
 - Odor dispersed during audit

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- F) Liquid Loads Received
 - Site receiving one to three loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site
 - Pickers active on 8 Mile during audit, collecting cardboard sheets and boxes
- H) Vehicle Impacts
 - US45 heavily tracked and dusty at both facility entrances
 - Site roads heavily tracked as well
- I) Inspection of Incoming waste
 - Six equipment operators spread over one working face, managing the tipping of MSW and C&D
 - Average Tipping 2,500 tons per day
 - Random load inspection on 8/27/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site closed during audit
 - Boxes mostly full with two overflowing
 - Site clean
- L) Other Comments:
 - No construction activities
 - WMWI addressed street sweeping issues after audit

Construction Audit

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

A)

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 August 25, 2020 TIME 1:05 PM
Auditor on site at: Open Close

PREVIOUS DATE: August 13, 2020 Completed

WEATHER Sunny clear, earlier rain and potentially more WIND 0 to 15 MPH
WIND S W

TEMP maximum 82 °F Minimum 67 °F B.P. 30.08

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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 and ripper in middle of Phase 1 of North Expansion West
Waste being spread about ripper and filling in depression in Phase 1
No other working faces



Cover Material.

Soils previously tipped in Phase 1 to stockpile for cover

Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#			
Destructed Volume:	# 3,100		cfm	

Comments:

Gas extraction has been operating smoothly with no shutdowns since July

D. Surface Water Management:

Storm Events Since Last Audit: # 1 Est. Volume -1"

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

Heavy rain event the previous night into this morning. Basins have plenty of free board

No evidence of additional erosion

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

Gas odor at Entrance and about Gas plant, dispersed during audit, no odors when auditor left the site.

F. Liquid Loads Received.

Approximately one to three loads per day

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:

Pickers active on 8 Mile during Audit. Cardboard was present in ditch lines on 8 Mile

On site 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 heavily tracked and dusty from both facility entrances

Site roads appeared heavily tracked as well

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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspector Dates						8/27/2020
Average Tonnage						2,500 TPD

Comments:

Site is receiving 90% MSW and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

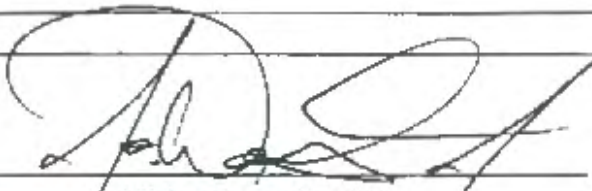
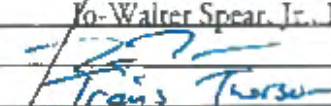
K. Residential Drop Off: Open During Audit

Boxes mostly full, two overflowing. Site clean.

L. Other Comments:

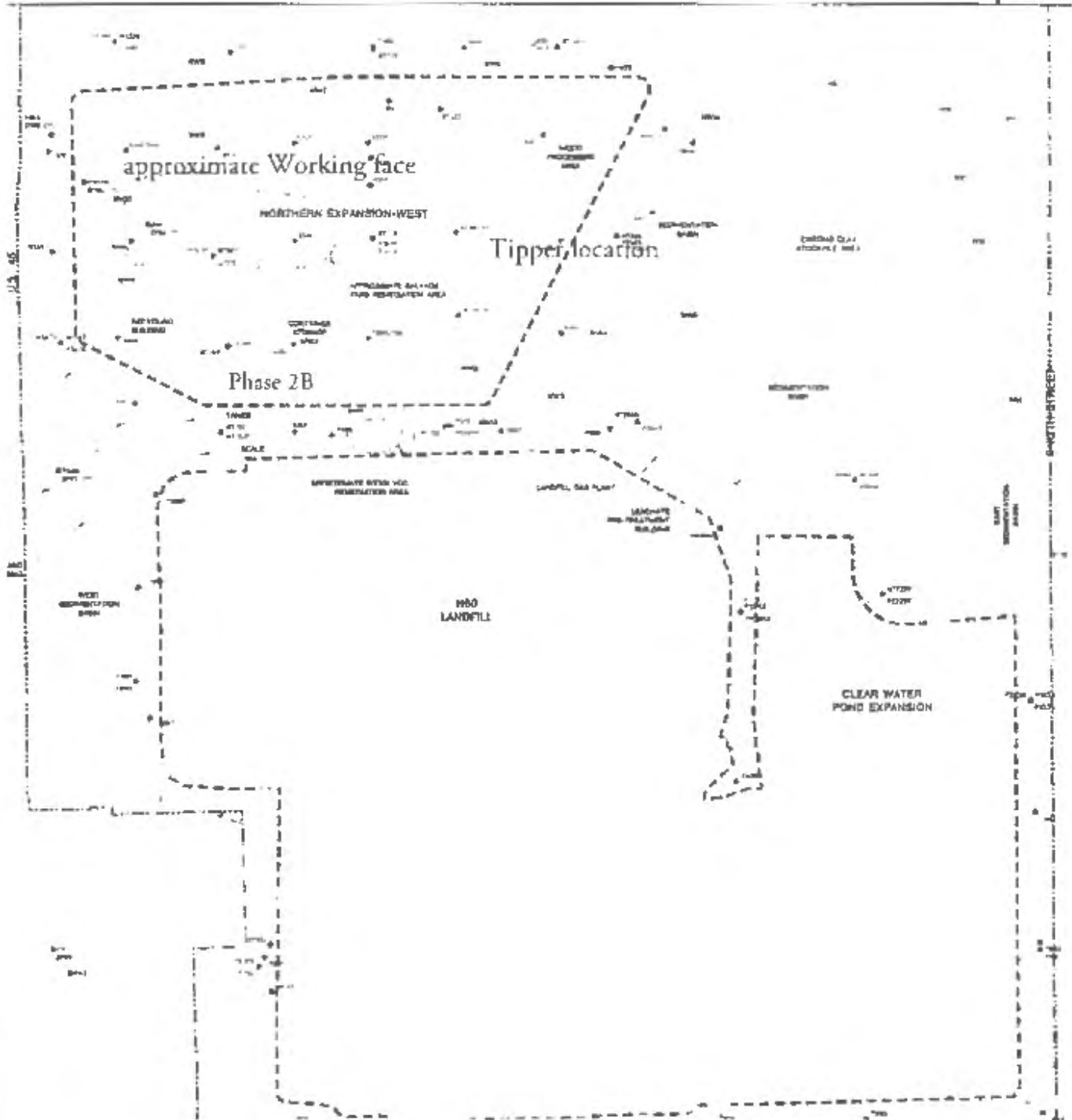
- * No construction activities during audit
- * WMWI addressed street sweeping after audit

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


Walter Spear, Jr., P.E.

Travis Torsen
DM

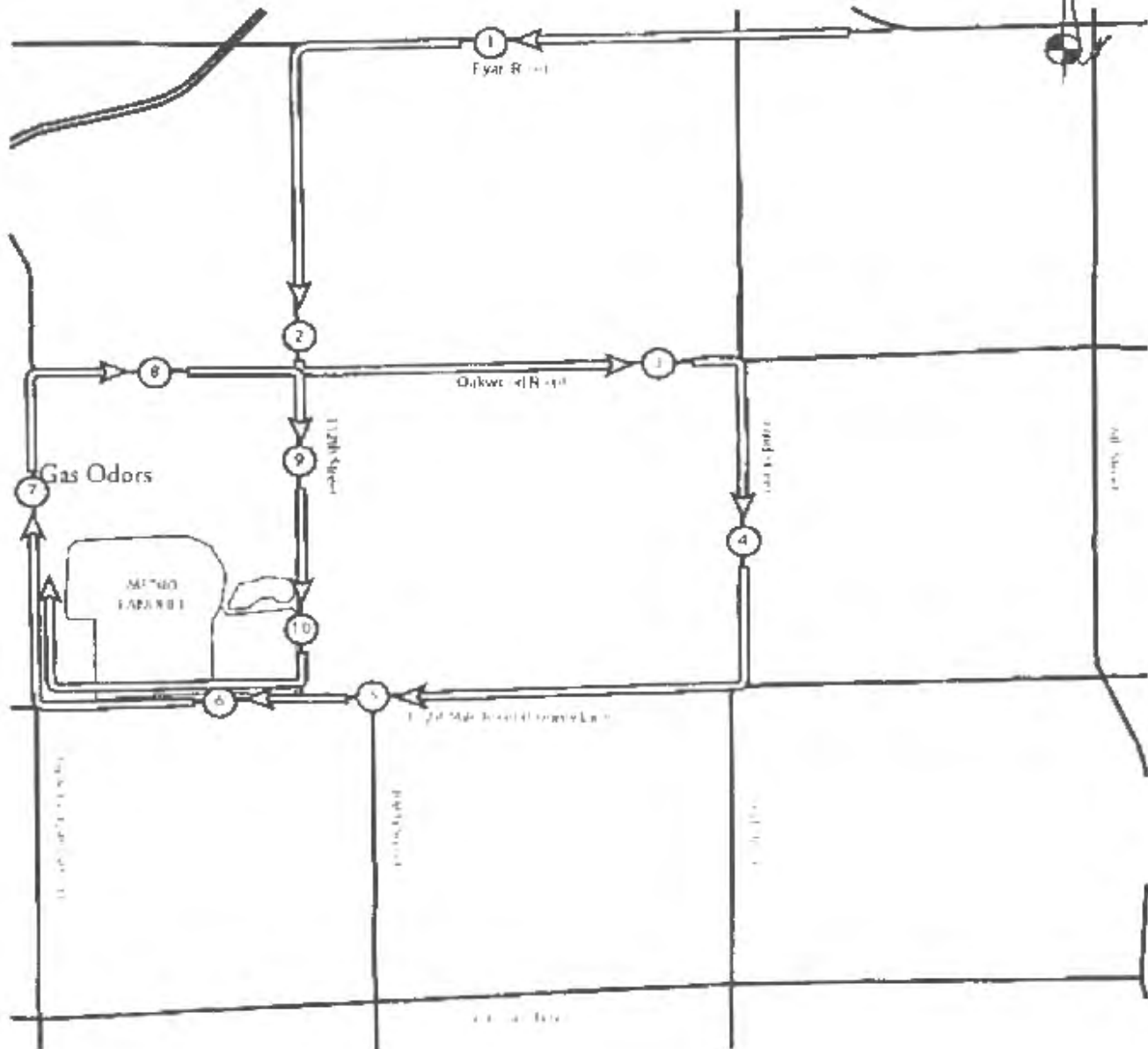
Date: 08/27/2020
Date: 8/31/20
Date:

WMWI – METRO LANDFILL SITE MAP



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



Extreme West edge of North Expansion West





Overview of North Expansion West from South



Overview of North Expansion West from West



South edge of North Expansion West



Tipper in Phase 1 of North Expansion West



Contractor equipment staged out of the way



September

JSA Environmental

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.

COPIES: File

DATE: 10/08/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 30, 2020. The previous audit was conducted on August 25, 2020. The Audit was performed at 11:02 AM on **September 2, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were sunny with clouds, some overcast conditions and possible rain

Operations Audit

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

The Facility was operating with:

- One Trailer Tipper
- Two Compactors
- One Bulldozer
- One Excavator
- Two Haul Trucks

A) Working Face and Location

- Working face at very North end of Phase 1 of North Expansion West (NEW)
 - Tipper South of working face allowing trucks to tip directly and dozer to push tipper waste North
- No other working faces in operation
- Daily cover consisted of soils previously being stockpiled

B) Leachate Management

- All leachate discharging to MMSD; no recirculation

C) Gas Monitoring and Management

- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,254 cfm
 - No Shutdowns since July, operation running smoothly
 - One turbine down permanently, but still on site
 - One engine broken

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- D) Surface Water Management
 - Small, frequently on and off rains, since last audit
 - Basins appeared to be draining and plenty of freeboard
 - No new erosion, auditor can not view new Temp Sed Basin
- E) Odor Control
 - No odors detected on or off site
- F) Liquid Loads Received
 - Site receiving one load per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site
 - Litter in left turn lane for entrance
- H) Vehicle Impacts
 - US45 very dusty at entrance
 - Tracking from Recycling operation in North bound lanes
 - Site roads mildly dusty
- I) Inspection of Incoming waste
 - Six equipment operators spread over one working face, managing the tipping of MSW and C&D
 - Average Tipping 2,240 tons per day
 - Random load inspection on 8/28/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit and very busy.
 - Boxes being emptied during audit
 - Site area recently mowed
- L) Other Comments:
 - Dusty road conditions from both landfill operations. WMWI does sweep at a minimum three times per week; by contractor
 - Haul trucks very active about site moving cover from stockpile in Southern NEW to working face in Northern end

Construction Audit

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

A)

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 September 2, 2020 TIME 11:02 AM
 Auditor on site at: Open Close

PREVIOUS DATE: August 25, 2020 Completed

WEATHER Sunny, very clear, and drying WIND 5 to 15 MPH
 N S E W

TEMP Maximum 82 °F Minimum 67 °F B.P. 30.08

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face at very North end of Phase 1 of North Expansion West (NEW)
Tipper South of working face allowing trucks to tip directly and dozer to push tipper waste North.

No other working faces



Cover Material:

Soils previously tipped in Phase 1 to stockpile for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	#	3,254	cfm	

Comments:

Gas extraction has been operating smoothly with no shutdowns since July

D. Surface Water Management:

Storm Events Since Last Audit:	# 2	Est. Volume	~1"
--------------------------------	-----	-------------	-----

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

Small, frequently on and off rains, since last audit.

No appreciable change in erosion

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site during audit

F. Liquid Loads Recieved:

One load per day

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 in left turn lane for entrance
No other litter off 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 very dusty at entrance, tracking from Recycling operation to the Left/North of entrance.
Site roads mildly 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"/>	#	6
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						8/28/2020
Average Tonnage:						2,240 TPD

Comments:

Site is receiving almost all MSW

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

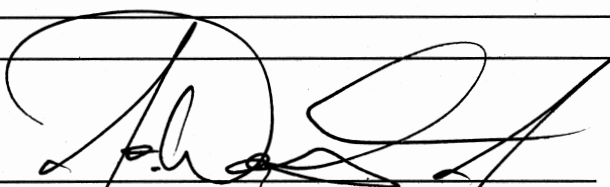
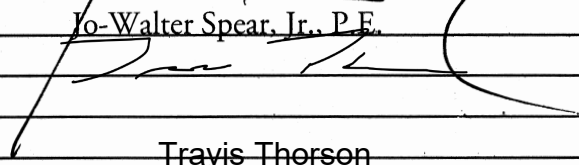
Site very busy during audit, boxes actively being emptied,, and site was recently mowed

L. Other Comments:

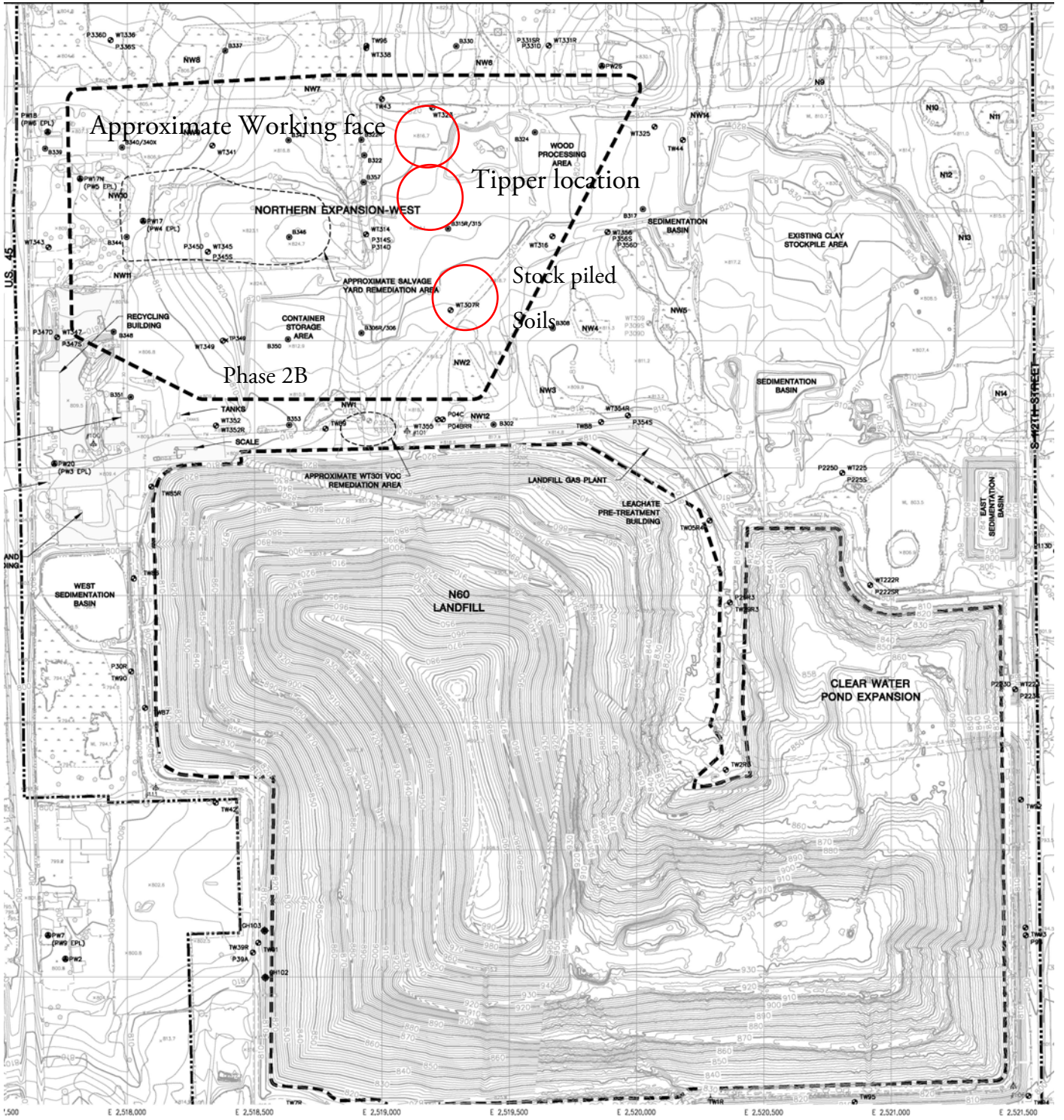
* Dusty road conditions from both landfill operations. WMWI is committed to using a contract sweeper three days per week

* Haul trucks active about site moving cover from stockpile in Southern NEW to working face at Northern end.

Multiple horizontal lines for additional comments.

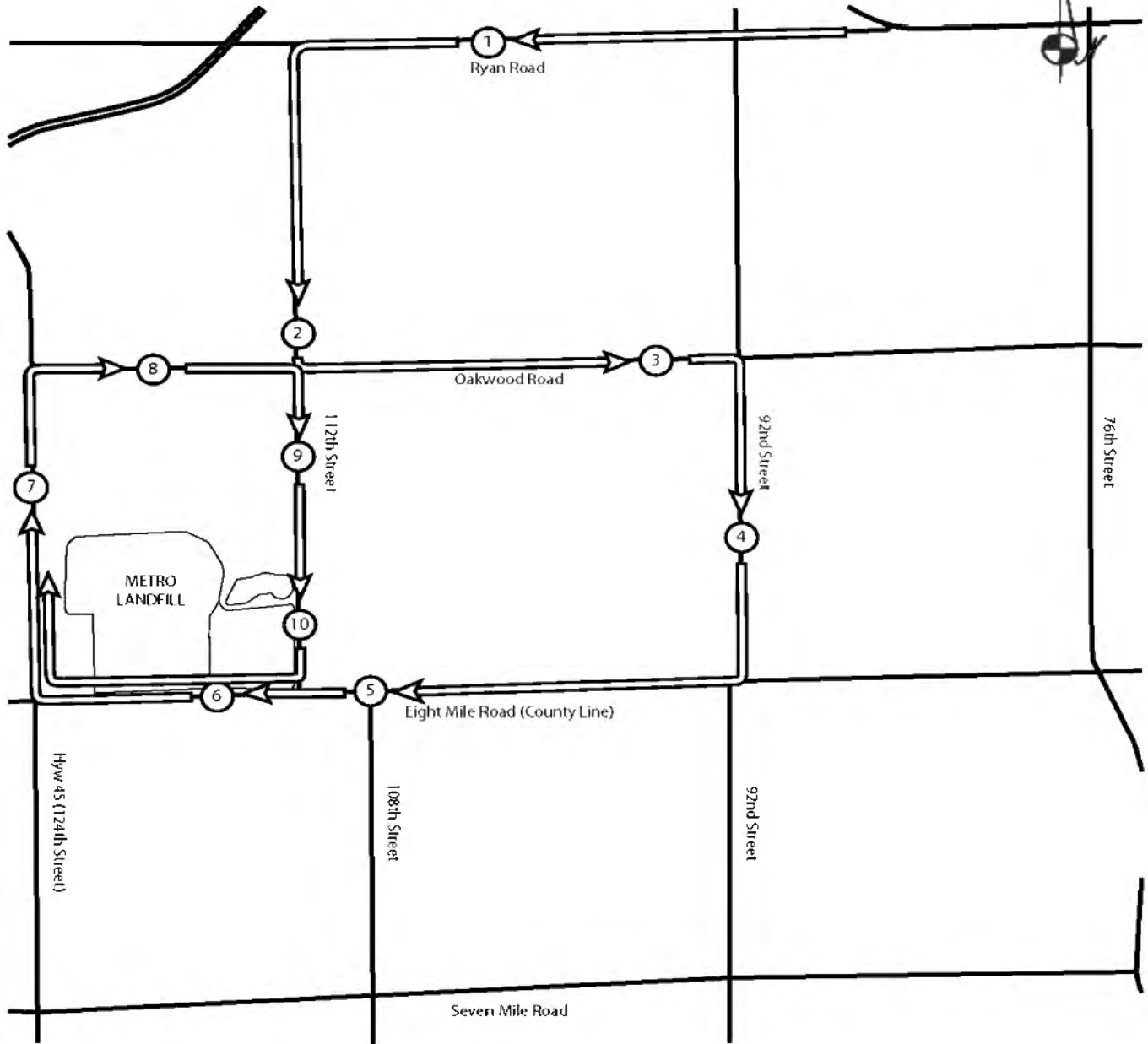
Auditor's Signature:  Date: 09/02/2020
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.
Management Signature:  Date: 10/7/2020
Management Printed Name: Travis Thorson
Management Title: JSA Principal Signature Date:

WMWI – METRO LANDFILL SITE MAP



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



East slope of Clearwater Pond Expansion





Northeast corner of Clearwater Pond Expansion, vegetative growth good except for tip of the corner



Northeast corner of Clearwater Pond Expansion, vegetative growth good except for tip of the corner



Exposed drainage blanket for Phase 2B of North Expansion West



Waste placement moving Westward across Phases of North Expansion West



Working face viewed from US 45



Trucks tipping at far end of Phase 1 of North Expansion West



Waste being pushed North of Tipper



Tipper in Phase 1 of North Expansion West



Truck traffic across North Expansion West



South edge of North Expansion West

JSA Environmental

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.

COPIES: File

DATE: 10/08/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of September 13, 2020. The previous audit was conducted on September 2, 2020. The Audit was performed at 10.55 AM on **September 15, 2020** by Jo Spear Jr. Travis Thorson, General Manager was contacted by phone to discuss site conditions.

Weather conditions were clear, sunny, and drying

The operation was employing the following equipment:

- One Trailer Tipper
- Two Compactors
- One Bulldozer
- One Excavator
- One Haul Truck

Operations Audit

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

- A) Working Face and Location
 - Working face at very North end of Phase 1 of North Expansion West (NEW)
 - Tipper South of working face allowing trucks to tip directly and doze to push waste North
 - Daily cover being taken from previously tipped soils in South end of NEW
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,000 cfm
 - One shutdown due to failure in auto-igniter.
 - Site will have to manually light flare until new auto-igniter is delivered and installed
 - One turbine down permanently, but still on site

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- One engine broken
- D) Surface Water Management
 - Several rain storms, or small events occurred at the beginning of September
 - Basins appeared to be draining and plenty of freeboard
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving one to two loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site
 - No litter off site
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean, turn lanes have debris and dust
 - Site roads dusty
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW and a small volume of special wastes
 - Average Tipping 2,475 tons per day
 - Random load inspection on 9/13/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit
 - Boxes being emptied during operational hours
 - Site clean
- L) Other Comments:
 - Since previous audit, slop and erosion repairs were conducted on the North and West slope of the Clearwater Pond Expansion (CPE)
 - Site management and contractor replacing transducer in side slope riser, mid CPE; East slope; during audit.

Construction Audit

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

A)

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 September 15, 2020 TIME 10:55 AM
 Auditor on site at: Open Close

PREVIOUS DATE: September 2, 2020 Completed

WEATHER Clear, Sunny, and Drying WIND 10 to 15 MPH
 N E

TEMP Maximum 79 °F Minimum 57 °F B.P. 30.25

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

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

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face at very North end of Phase 1 of North Expansion West (NEW)
Tipper South of working face allowing trucks to tip directly and dozer to push tipper waste
North. The working face is below the mean grade of Phase 1 and could not be seen directly

No other working faces



Cover Material:

Soils previously tipped in Phase 1 to stockpile for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# One			
Destructed Volume:	#	3,000	cfm	

Comments:

Flare shutdown due to a failure in the auto-igniter. Site will be igniting the flare manually until new auto-igniter is delivered

D. Surface Water Management:

Storm Events Since Last Audit:	# 3	Est. Volume	~2"
--------------------------------	-----	-------------	-----

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

Several rain storms, or small events have occurred at the beginning of September

Basins have plenty of freeboard and minimal erosion

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site during audit

F. Liquid Loads Recieved:

One to Two loads being received daily

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 about site appears minimal
No litter off 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 and 8 Mile road clean, turn lanes have debris and dust
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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						9/13/2020
Average Tonnage:						2,475 TPD

Comments:

Site is receiving almost all MSW, asbestos, and small volume other special wastes

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site clean, boxes being emptied during operational hours

L. Other Comments:

* Since the previous audit, slope and erosion repairs were conducted on the North and West slope of the Clear Water Expansion

* Site manager and contractors replacing transducer in side slope riser on Clear Water Pond Expansion East slope during audit

Auditor's Signature: _____

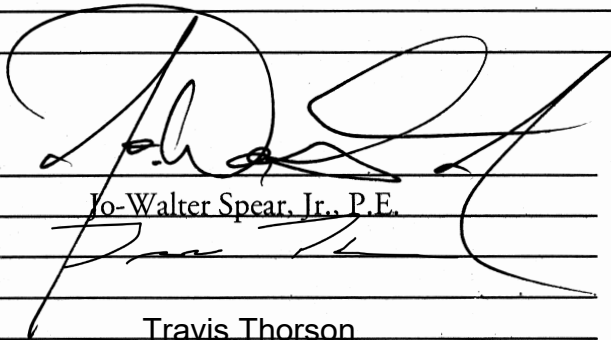
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

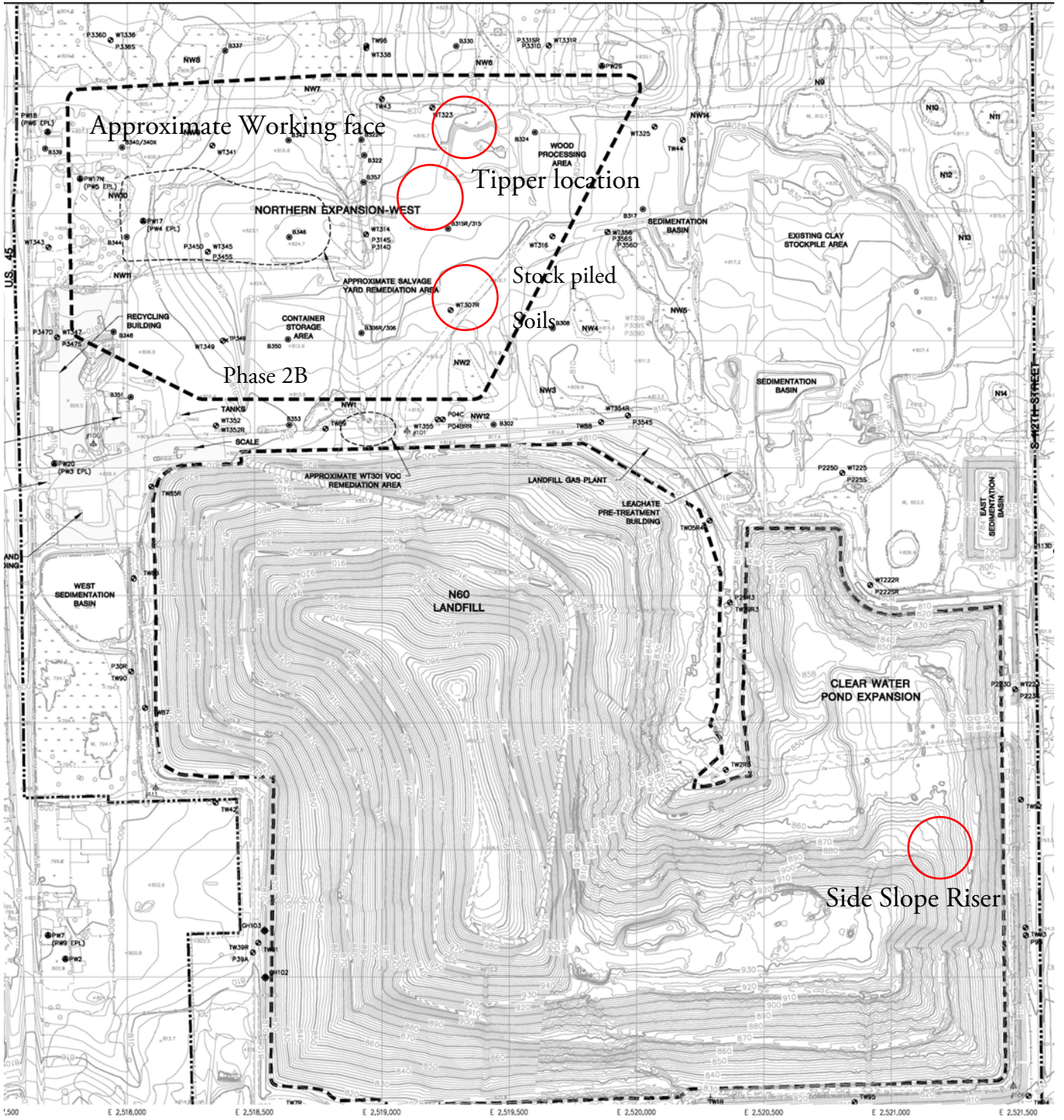


Date: 09/15/2020

Date: 10/7/2020

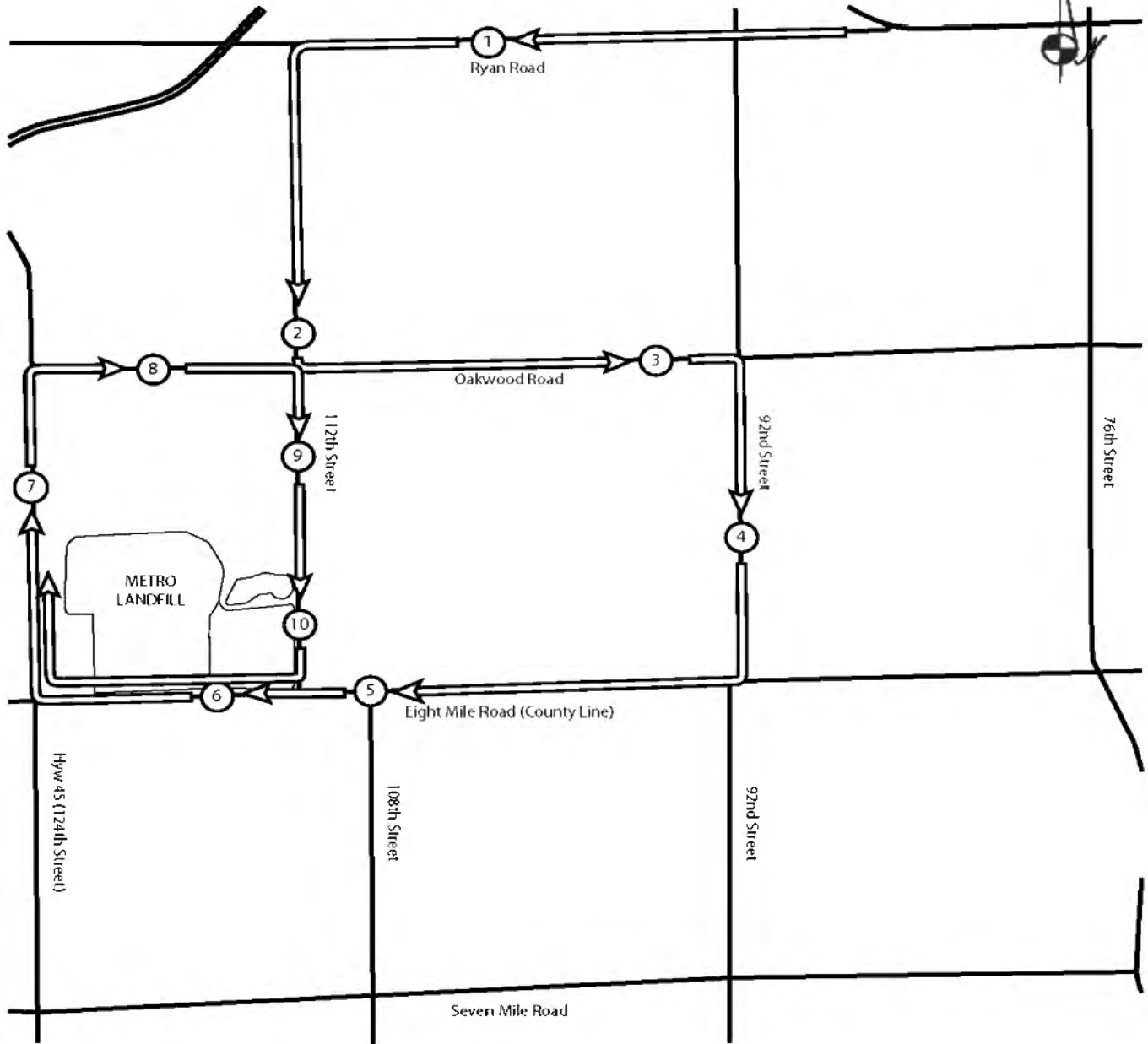
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Northwest corner slope of Clearwater Pond Expansion





Sideslope riser transducer replacement



Trucking to North end of Phase 1 of North Expansion West (NEW) for tipping in working face, below grade



South edge of North Expansion West (NEW)



Phase 1 of North Expansion West, viewed from West



Future Phases of expansion cleared and prepared for excavation



Trucks tipping at far end of Phase 1 of North Expansion West



Waste being pushed North of Tipper



Boundary berm at South end of North Expansion West (NEW)



October

JSA Environmental

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.

COPIES: File

DATE: 10/14/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 4, 2020. The previous audit was conducted on September 15, 2020. The Audit was performed at 12:10 PM on **October 9, 2020** by Jo Spear Jr. Ryan Baeten, Site Engineer, was contacted via phone to complete the audit form.

Weather conditions were sunny, high clouds, and dry

The operation was employing the following equipment:

- One Trailer Tipper
- One Compactor
- Two Bulldozer
- One Excavator
- One Haul Truck

Operations Audit

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

- A) Working Face and Location
 - Working face in center of Phase 1 of North Expansion West (NEW)
 - Phase has completely crested, reached an elevation above excavation edge
 - Working face very wide and broad, large volume of cover needed
 - Daily cover being taken from previously tipped soils in South end of NEW
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - No shutdowns since previous audit
 - One turbine down permanently, but still on site

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- One engine broken
- D) Surface Water Management
 - One event since last audit, no appreciable new erosion
 - Auditor can not see temp. Sed basin, which is drained by pump
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving one to two loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal on site, even with today's high winds
 - No litter off site
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads dusty
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW and Construction Demolition Wastes
 - Average Tipping 2,400 tons per day
 - Random load inspection Not Available
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit
 - Site very active during and boxes filling during audit
 - Site being cleaned by operator during audit
- L) Other Comments:
 - North Expansion West (NEW) Phase 2B construction complete and awaiting approval by the DNR. Expected filling to begin in November
 - Soil stockpiles and berms to be seeded this month to maintain slopes and prevent erosion, also meets state statutes

Construction Audit

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

A)

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 October 9, 2020 TIME 12:10 PM
 Auditor on site at: Open Close

PREVIOUS DATE: September 15, 2020 Completed

WEATHER Sunny, high clouds, dry WIND 10 to 35 MPH
 N E W

TEMP Maximum 79 °F Minimum 61 °F B.P. 29.92

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
1	Compactor						
2	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 center of Phase 1 of North Expansion West (NEW), phase has completely crested above landfill footprint.

No other working faces



Cover Material:

Working face very broad, being covered by previously tipped soils

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#			
Destructed Volume:	#	3,100	cfm	

Comments:

No shutdowns since previous Audit.

Gas extraction has been operating smoothly

D. Surface Water Management:

Storm Events Since Last Audit:	# 1	Est. Volume	~1"
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EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:

Basins draining no appreciable new erosion

Auditor can not see temporary sed basin

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Recieved:

Approximately one to three loads per day

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 minimal about North Expansion West, even with high winds
No off site 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 and 8 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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:	NA					
Average Tonnage:	2,400 TPD					

Comments:

Site is receiving MSW and C&D

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site very active, boxes filling during audit. Site being cleaned by operator

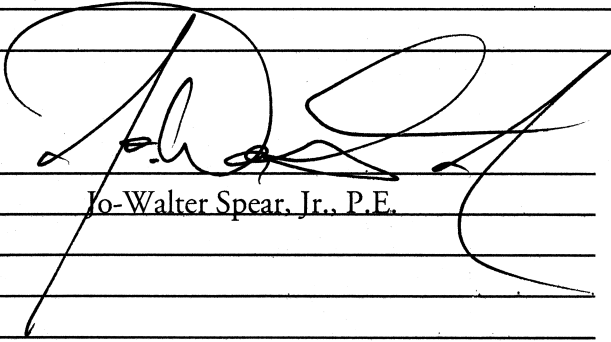
L. Other Comments:

* North Expansion West (NEW) Phase 2B complete and awaiting approval by the DNR

* Soil stockpiles to be seeded this month to maintain conditions and prevent erosion

Horizontal lines for writing additional comments.

Auditor's Signature:



Date: 10/12/2020

Auditor's Printed Name:

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

Management Signature:

Date: _____

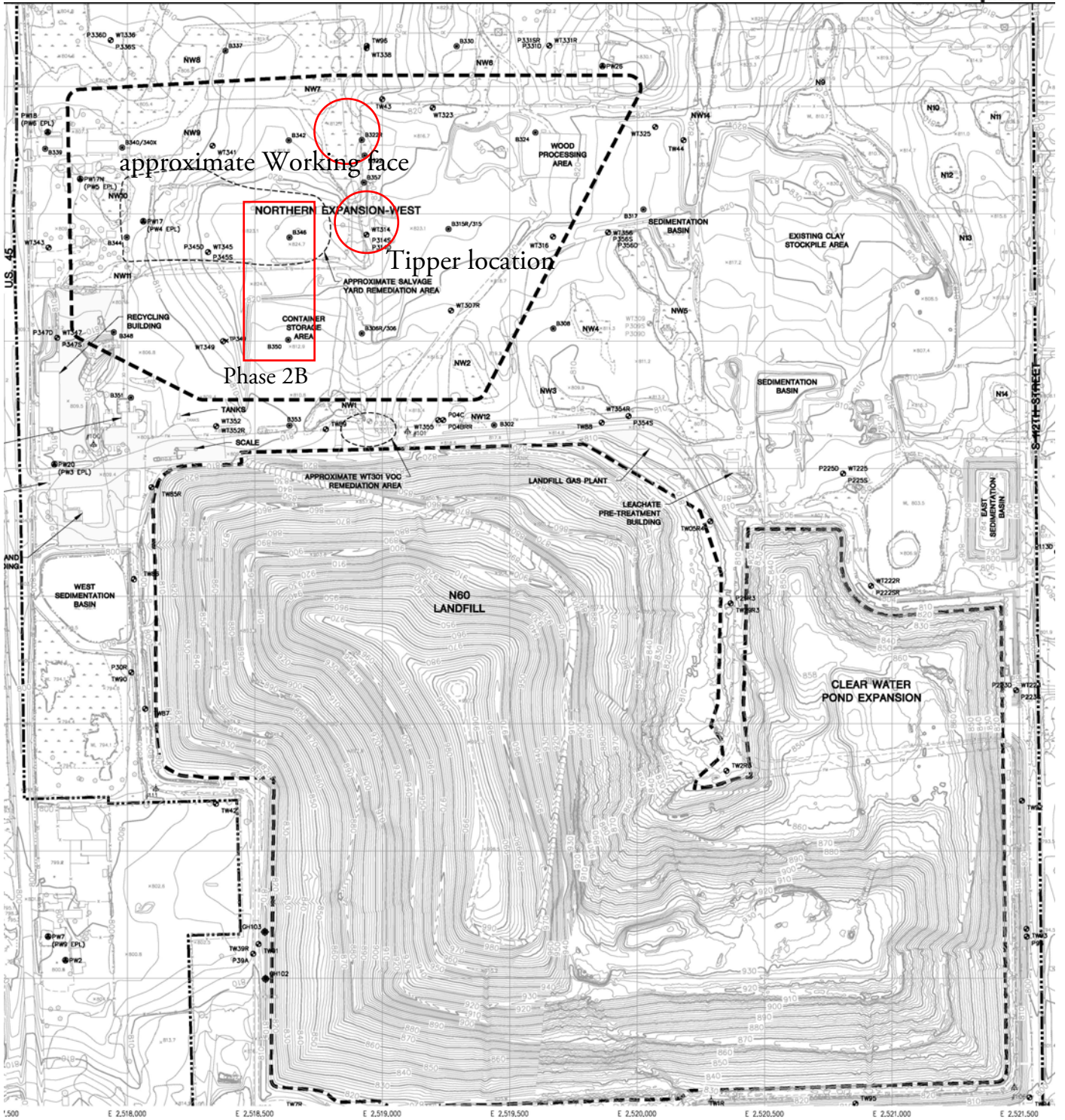
Management Printed Name:

Management Title:

JSA Principal Signature _____

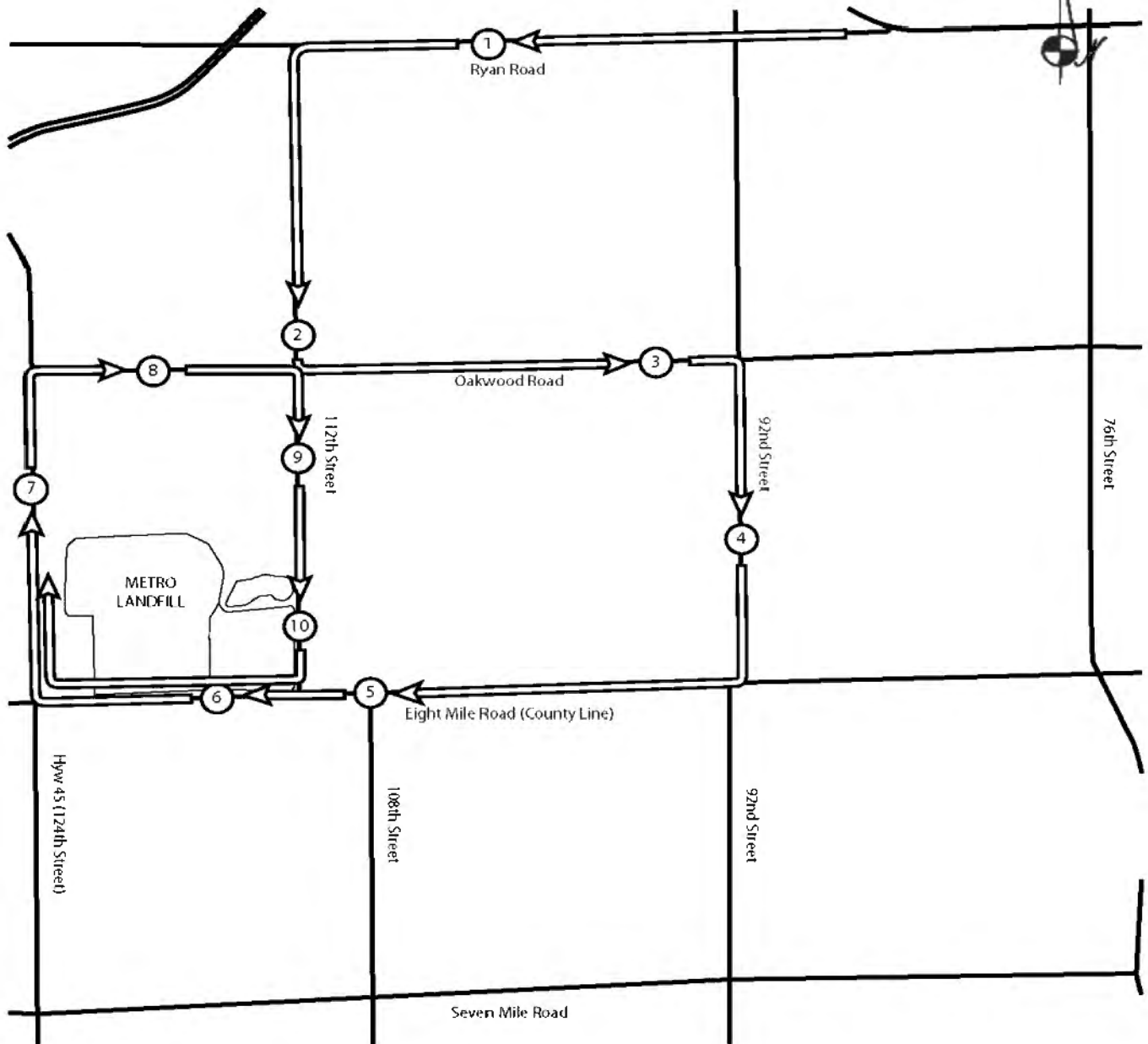
Date: _____

WMWI – METRO LANDFILL SITE MAP



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Overview of North Expansion West, viewed from the West





Exquipment gathering cover



Broad working face in North Expansion West



Working face in center of North Expansion West, lyft has crested out of excavation area



North end of North Expansion West



Southern end of North Expansion West



South berm developing some vegetation

WMWI - METRO LANDFILL
Action Items Checklist
City of Franklin Audit

Opened: 12/02/2015

Updated:

Item Number	DATE	Condition Description	Permit or Contract Reference	Reported to	Initial Schedule for Completion	Actual Completion Date	Elapsed Time (Days)	Notes
1	12/02/2015	Offsite litter on ground and in trees West of 112th Street.	Host Agreement & NR 500	Travis Thorson	ASAP	12/24/2015	22	Offsite litter present over two audits
1	03/30/2016	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Dan Otzelburger	ASAP	06/18/2016	80	Offsite litter present over two audits
1	01/31/2017	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Travis Thourson	ASAP	06/14/2017	135	Offsite litter present over two audits
2	11/28/2017	Offsite litte on ground and in trees along 112th Street	Host Agreement & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



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.

COPIES: File

DATE: 10/22/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 18, 2020. The previous audit was conducted on October 9, 2020. The Audit was performed at 11:10 AM on **October 21, 2020** by Jo Spear Jr. Travis Thorson, Site Manager, was contacted via phone to complete the audit form.

Weather conditions were over cast with sun and very dry

The operation was employing the following equipment:

- One Trailer Tipper
- Two Compactor
- One Bulldozer

Operations Audit

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

A) Working Face and Location

- Working face in center of Phase 1 of North Expansion West (NEW)
 - Phase has completely crested, reached an elevation above excavation edge
 - Working face very wide and broad, large volume of cover needed
- Daily cover being taken from previously tipped and stockpiled soils
 - Site also using tarps overnight

B) Leachate Management

- All leachate discharging to MMSD; no recirculation

C) Gas Monitoring and Management

- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - No shutdowns since previous audit
 - Consistent operation and volume increasing
 - One turbine down permanently, but still on site
 - One engine broken

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- D) Surface Water Management
 - Minimal events since last audit
 - Auditor can not see temp. Sed basin, which is drained by pump
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving two loads per day
- G) Litter Control
 - Two pickers active during audit
 - Litter minimal about North Expansion West
 - No litter off site or about other Phases
- H) Vehicle Impacts
 - US 45 clean except for left turn lanes which have debris
 - Site roads dusty
 - 8 Mile Road clean and busy with residents using drop off
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW and Construction Demolition Wastes
 - Waste volume has been declining
 - Average Tipping 2,200 tons per day
 - Random load inspection was conducted on 10/18/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit
 - Site very active during audit, boxes mostly full
 - Site clean
- L) Other Comments:
 - No other activities going on outside of active area
 - No contractors on site

Construction Audit

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

A)

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 October 21, 2020 TIME 11:10 AM
Auditor on site at: Open Close

PREVIOUS DATE: October 9, 2020 Completed

WEATHER Over cast with sun, very dry WIND 0 - 10 MPH
N E W

TEMP Maximum 51 °F Minimum 42 °F B.P. 30.18

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
XX 2	Compactor						
XX 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 center of Phase 1A of North Expansion West (NEW), phase has completely crested above landfill footprint. Working face in midpoint of Phase 1A and is very broad and wide

No other working faces



Cover Material:

Cover provided from previously ripped and stockpiled soils

Site also using tarps for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	# 3,100		cfm	

Comments:

No shutdowns since previous Audit

Consistent operations, gas volume increasing

D. Surface Water Management:

Storm Events Since Last Audit # 1 Est. Volume --

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

Minimal events since last audit

Auditor can not see temporary sed basin

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Received:

Site receiving an average of two loads per day

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 minimal about North Expansion West, no litter evident about other phases

No off site 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 clean except for left turn lanes which have debris

Site roads dusty, 8 Mile road clean and busy with residents using drop off

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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates						10/18/2020
Average Tonnage						2,200 TPD

Comments:

Site is receiving MSW and minimal C&D; waste volume has declined

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

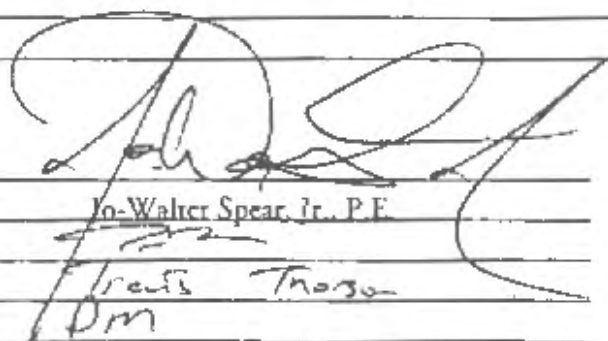
Site very active, boxes mostly full during audit. Site clean

Other Comments:

* No other activities going on outside of active area

No contractors on site

Auditor's Signature:

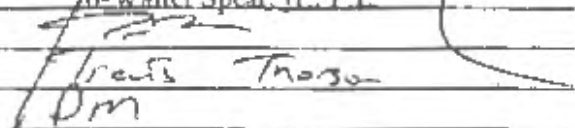


Date: 10/21/2020

Auditor's Printed Name:

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

Management Signature:



Date: 10/22/20

Management Printed Name:

Travis Thorne

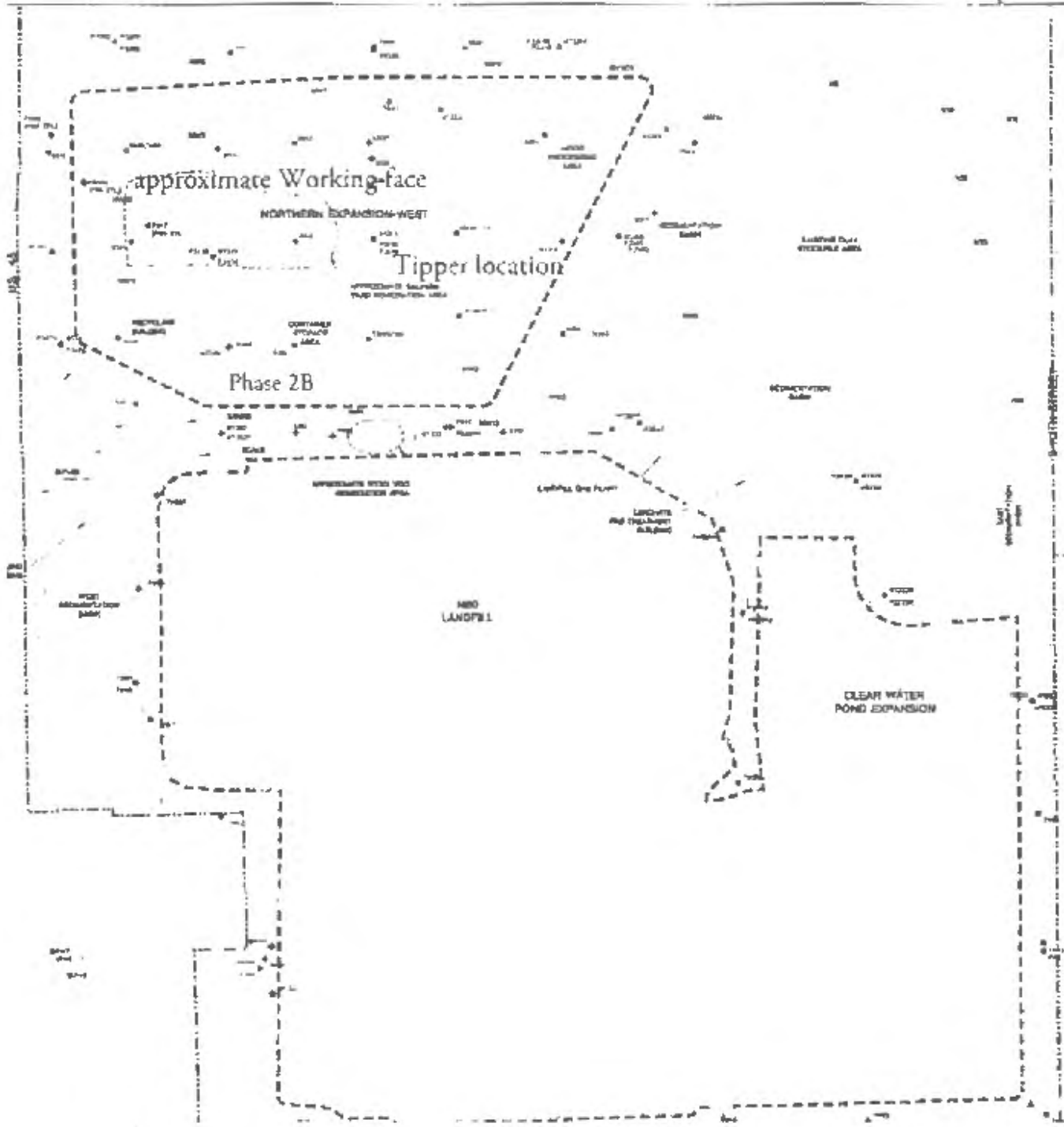
Management Title:

DM

USA Principal Signature

Date:

WMWI – METRO LANDFILL SITE MAP



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



Previous working face covered with soils, some flagging





Northern end of Phase 1A of North Expansion West, receiving cover



Tipper in center of waste placement



South end of working face, working face very large today



South end of North Expansion West



November

JSA Environmental

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.

COPIES: File

DATE: 11/11/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 1, 2020. The previous audit was conducted on October 21, 2020. The Audit was performed at 1:48 PM on **November 6, 2020** by Jo Spear Jr. in the presence of Travis Thorson, Regional Manager

Weather conditions were clear, sunny, and dry

The operation was employing the following equipment:

- One Trailer Tipper
- One Compactor
- Two Bulldozer

Operations Audit

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

A) Working Face and Location

- Working face in South end of Phase 2A at grade
 - Tipper at this working face
- Second working face in North end of Phase 1B
 - Phase has completely crested, reached an elevation above excavation edge
 - Self tipping trucks being received at this working face
- Daily cover being taken from previously tipped and stockpiled soils

B) Leachate Management

- All leachate discharging to MMSD; no recirculation

C) Gas Monitoring and Management

- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,200 cfm
 - Valve being replaced in Phase 6 during audit
 - Consistent operation and volume increasing
 - One turbine down permanently, but still on site

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- One engine broken
- D) Surface Water Management
 - Minimal events since last audit
 - Auditor can not see temp. Sed basin, which is drained by pump
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving one load per day
- G) Litter Control
 - Three pickers active during audit
 - Litter mostly about North Expansion West
 - No litter off site or about other Phases
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads dusty
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW and small volume soil Wastes
 - Waste volume has been declining
 - Average Tipping 3,200 tons per day
 - Random load inspection was conducted on 10/31/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit
 - Site very active during audit, boxes mostly full
 - Site clean
- L) Other Comments:
 - New valve replacement for gas collection being installed in South slope of Phase 6 during audit.
 - Stockpiles being seeded by contractor

Construction Audit

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

A)

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 6, 2020
 Auditor on site at: Open Close

TIME 1:48 PM

PREVIOUS DATE: October 21, 2020 Completed

WEATHER Clear, Sunny, dry

WIND 0-5 MPH
 N E W

TEMP Maximum 71 °F Minimum 50 °F B.P. 30.11

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
1	Compactor						
2	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 is a thin strip
traversing from Phase 1B to 2A in the
middle of the footprint

Tipper in Phase 2A second
Working Face



Cover Material:

Soils from previous tipping

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	#			
Destructed Volume:	# 3,200		cfm	

Comments:

Valve being replaced in Phase 6

System has been running smoothly

D. Surface Water Management:

Storm Events Since Last Audit:	#	1	Est. Volume	2.14
--------------------------------	---	---	-------------	------

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

Very little rain since last audit. Site dry

Temp sed basin pumped dry

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors

F. Liquid Loads Received:

1 per day on average

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:

Litter mostly is Northeast
onsite.

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

uses $\frac{1}{2}$ of Mile clear
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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						## 10/31/2020
Average Tonnage:						3,000 TPD

Comments:

MSW, small volume soils

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site clean very busy

L. Other Comments:

* New valve in gas header
on ~~west~~^{South} slope of Phase 6

* Stockpile being seeded
by contractor

Auditor's Signature: _____

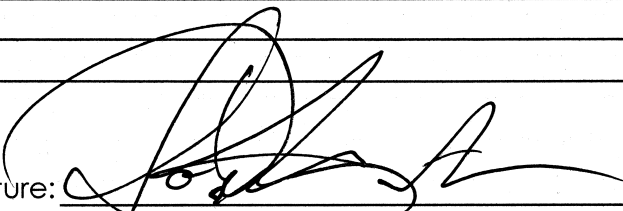
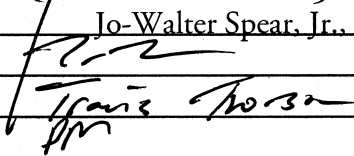
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

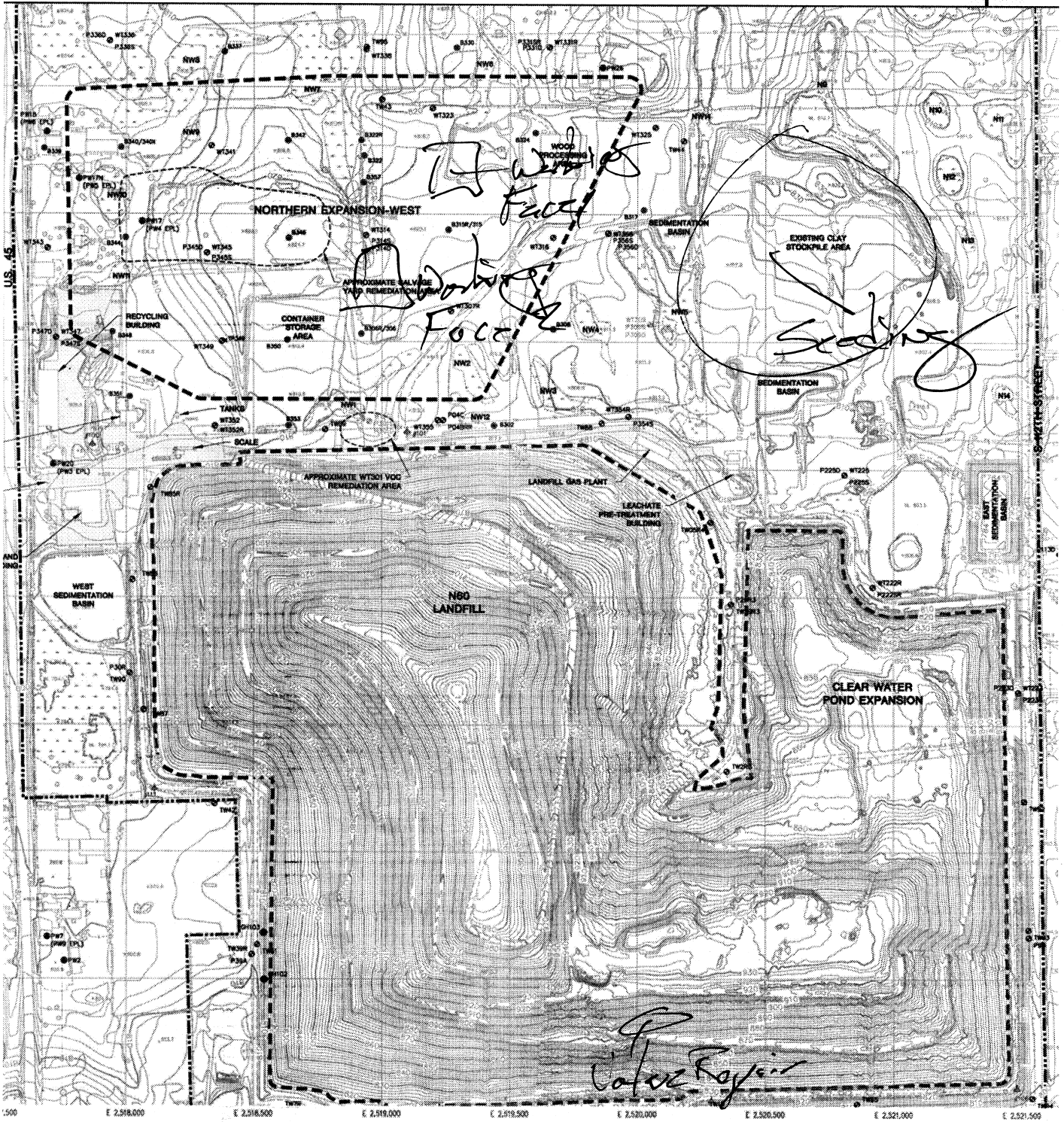

Jo-Walter Spear, Jr., P.E.

Travis Torson
PM

Date: 11/6/2020

Date: 11/6/2020

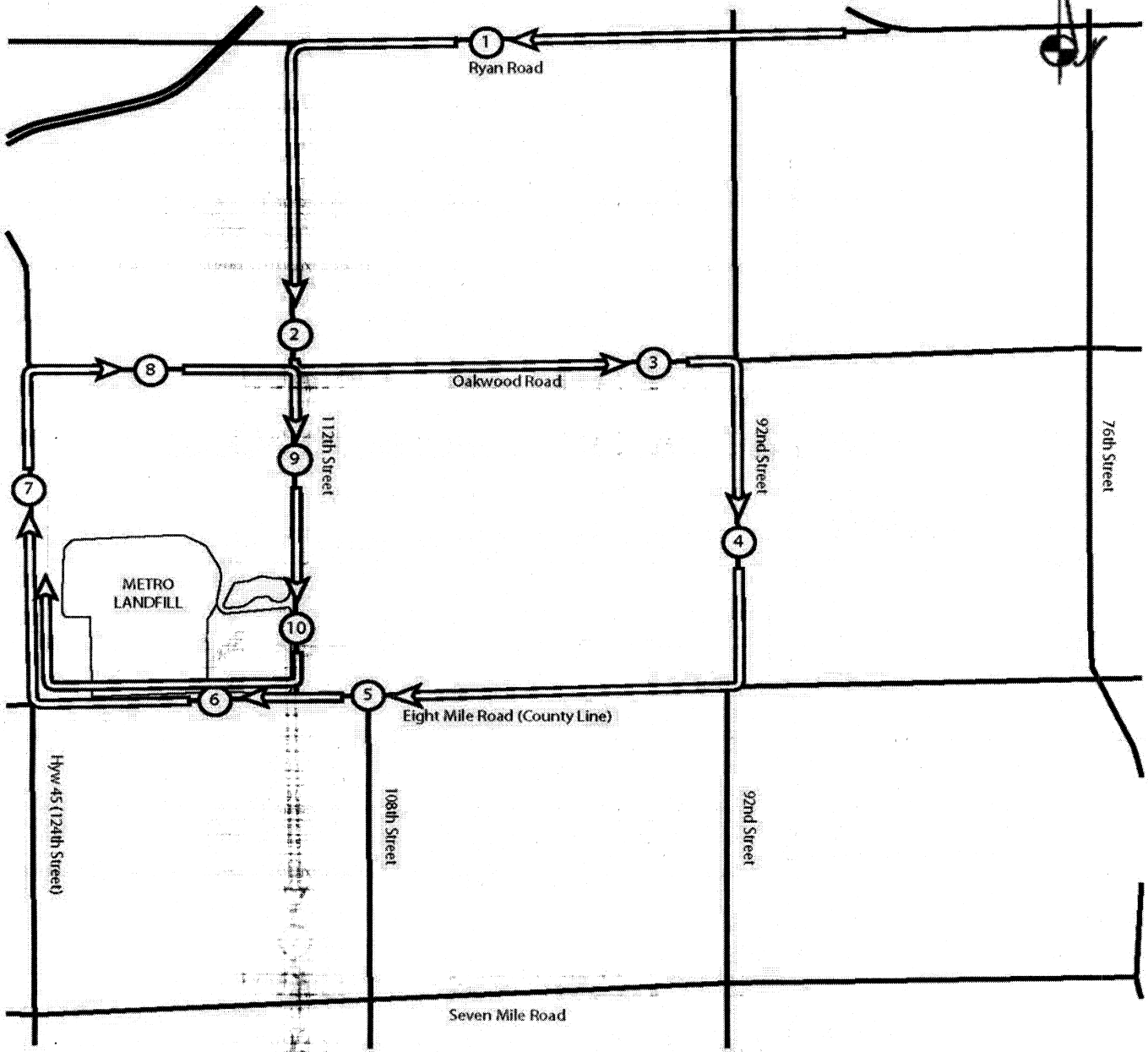
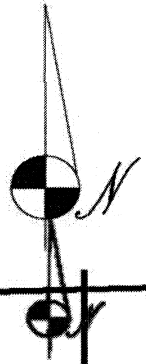
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Equipment at rest in Northern end of North Expansion West





Cover on inactive areas of North Expansion West



Waste placement in North end of Phase 2A, above grade



Phase 1B crested above Phase 2A



South end of landfill, Phase 2A in the foreground



South end of Phase 2A, still below grade



Tipper working in lower area of Phase 2A



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.

COPIES: File

DATE: 11/23/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 15, 2020. The previous audit was conducted on November 18, 2020. The Audit was performed at 10:30 AM on **November 18, 2020** by Jo Spear Jr. With follow up contact with Travis Thorson, Regional Manager

Weather conditions were clear, sunny, with high clouds

The operation was employing the following equipment:

- One Trailer Tipper
- Two Compactor
- One Bulldozer
- One Excavator

Operations Audit

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

- A) Working Face and Location
 - Working face split between Phase 1B and 2A
 - Working face in 2A using tipper
 - Working face in 1B much higher elevation receiving self tipping trucks
 - Daily cover being taken from previously tipped and stockpiled soils; site also has tarps for cover
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - Consistent operation
 - One turbine down permanently, but still on site
 - One engine broken

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- D) Surface Water Management
 - Extreme storm event on 11/10/2020, created power outage.
 - Auditor can not see temp. Sed basin, which is drained by pump
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving one to two loads per day
- G) Litter Control
 - Four pickers active during audit
 - Litter mostly about North Expansion West
 - Winds have been strong all week
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads dusty
- I) Inspection of Incoming waste
 - Five equipment operators spread over one working face, managing the tipping of MSW and small volume soil Wastes
 - Waste volume has increased due to acquisition of Advanced Commercial Roll Offs
 - Average Tipping 3,000 tons per day
 - Random load inspection was conducted on 11/13/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open during audit
 - Site very active during audit, boxes mostly full
 - Site clean
- L) Other Comments:
 - EPA groundwater testing about site
 - Excavating by New Berlin to off site unrelated project
 - Seeding on stockpiles on going

Construction Audit

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

A)

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 19, 2020 TIME 10:20 AM
 Auditor on site at: Open Close

PREVIOUS DATE: November 6, 2020 Completed

WEATHER Clear, Sunny, with High Clouds WIND 10-35 MPH
 WIND DIRECTION: N S E W

TEMP Maximum 49 °F Minimum 40 °F B.P. 30.42

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	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:

Two working faces, one high in Phase 1B at North end receiving self tipping or emptying trucks. Second working face in middle of Phase 2A operating tipper to empty trailers



Cover Material:

Cover provided from previously tipped and stockpiled soils

Site also using tarps for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	#	3,100	cfm	

Comments:

No shutdowns since previous Audit.

System running well

D. Surface Water Management:

Storm Events Since Last Audit:	# 1	Est. Volume	>1"
--------------------------------	-----	-------------	-----

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

Extreme storm event on 11/10/2020, created power outage; but did not do any additional damage on site. Temp Sed Basin is pumped dry

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Recieved:

Site receiving an average of one to two loads per day

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

Comments:

Winds have been strong all week. Litter heavy about fences about North Expansion West

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 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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						11/13/2020
Average Tonnage:						3,000 TPD

Comments:

Site is receiving MSW, minimal C&D, and Special - waste volume has increased

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

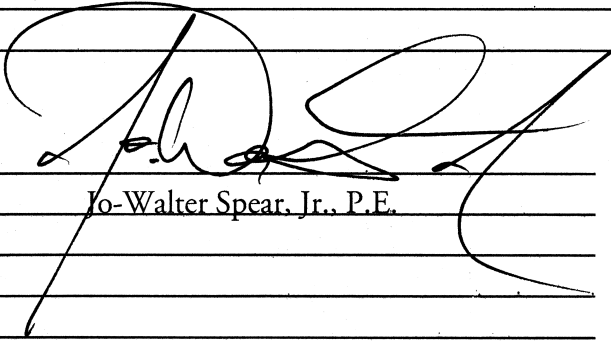
K. Residential Drop Off: Open During Audit

Boxes mostly full, site very active during audit. Site clean though boxes full

L. Other Comments:

- * EPA groundwater testing about site
- * Excavating by New Berlin to off site unrelated project
- * Seeding on stockpiles ongoing

Auditor's Signature: _____



Date: 11/20/2020

Auditor's Printed Name: _____

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

Management Signature: _____

Date: _____

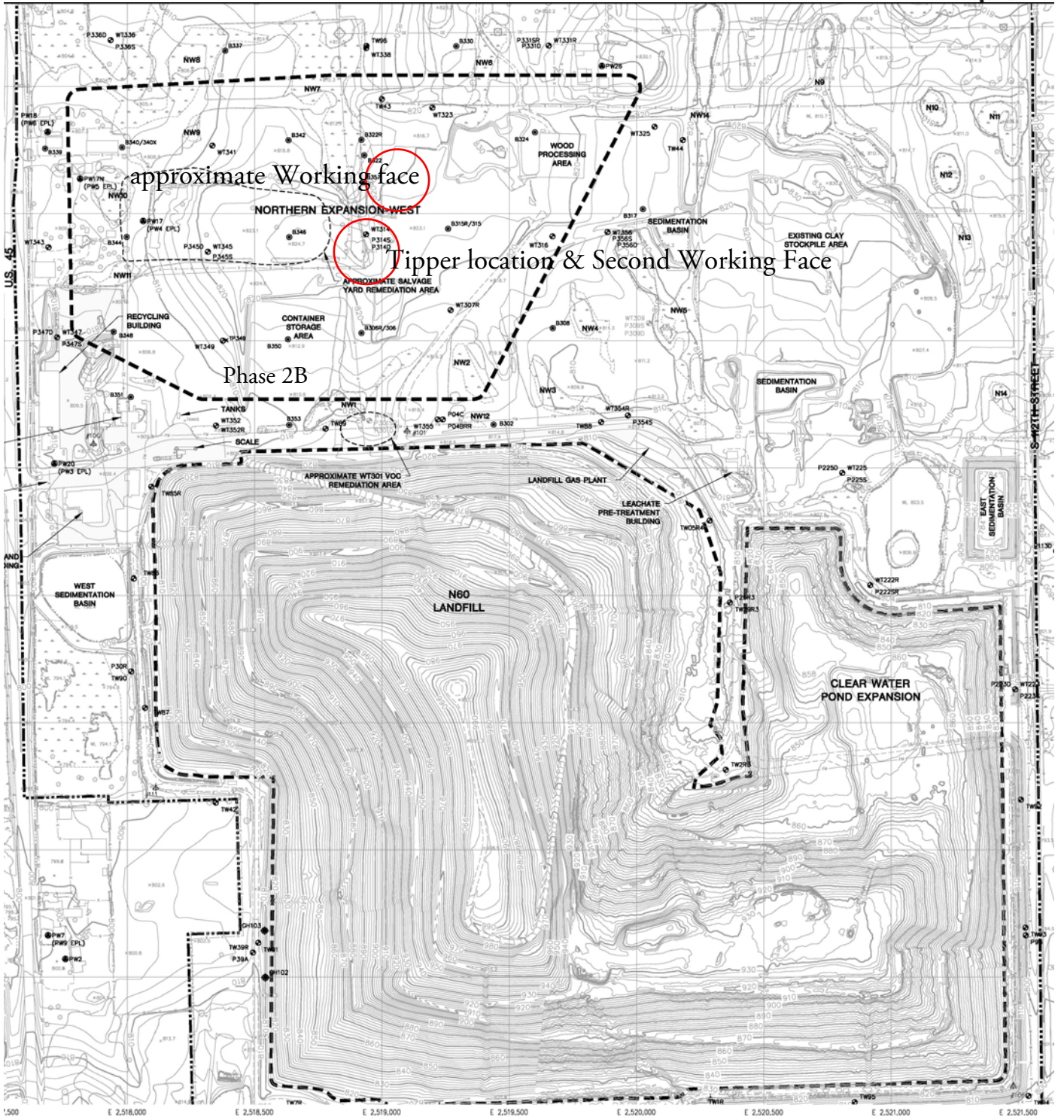
Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

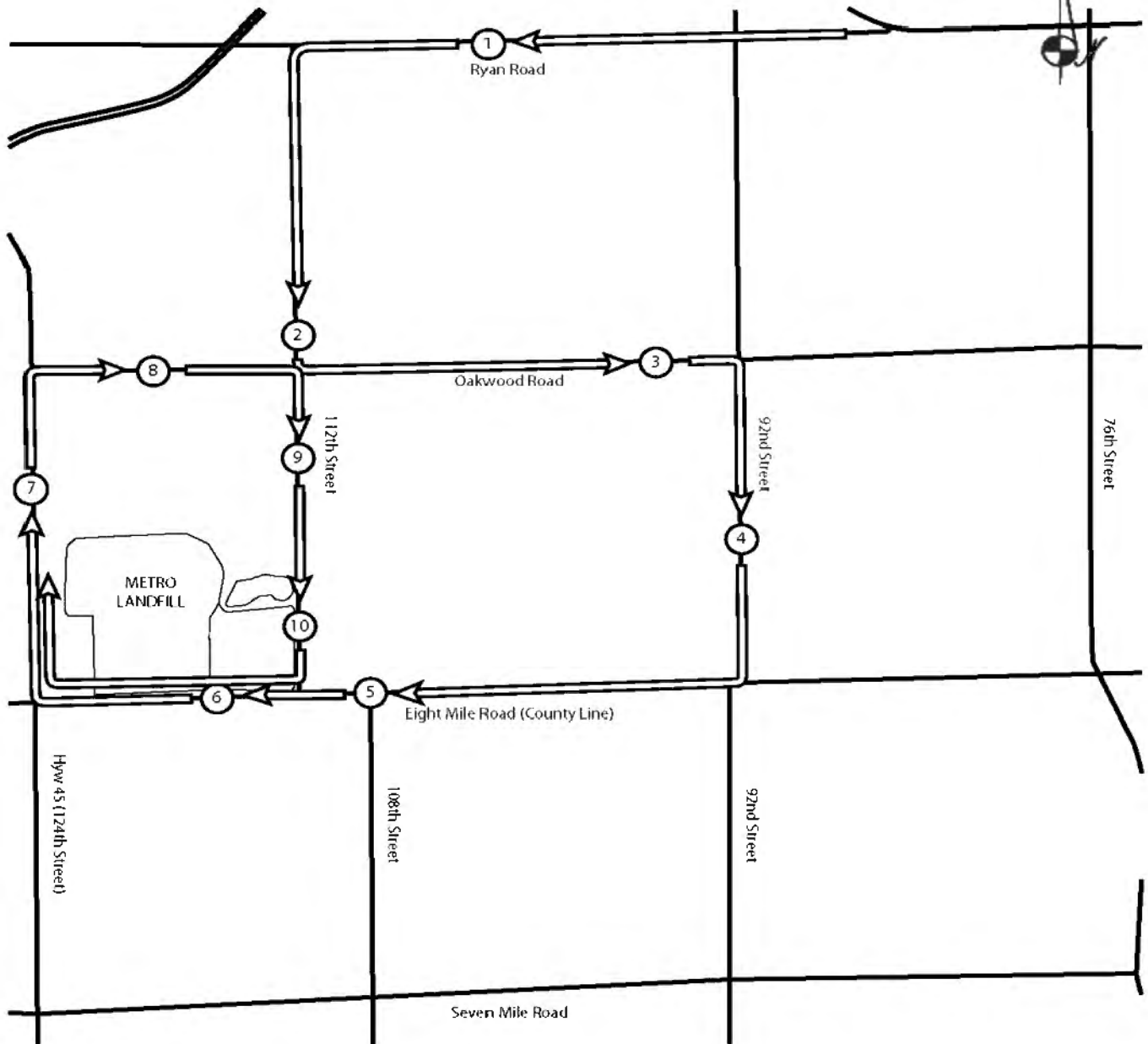
Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Excavator loading New Berlin Excavation trucks, for off site use by others





Working face and soil moving in Phase 1B



Upper elevation Working Face in Phase 1B



Working face in Phase 2A, with tipper



Working faces at different elevations



December

JSA Environmental

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.

COPIES: File

DATE: 12/01/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 29, 2020. The previous audit was conducted on November 18, 2020. The Audit was performed at 12:10 PM on **December 1, 2020** by Jo Spear Jr. With follow up contact with Travis Thorson, Regional Manager

Weather conditions were clear, sunny, with brisk

The operation was employing the following equipment:

- One Trailer Tipper
- Two Compactor
- Two Bulldozer

Operations Audit

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

A) Working Face and Location

- One working face in use, in Phase 2A and at grade.
- Previous working face in Phase 1B covered with dredged material
- Daily cover of dredged materials and other previously tipped soils

B) Leachate Management

- All leachate discharging to MMSD; no recirculation

C) Gas Monitoring and Management

- One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - Consistent operation
 - One turbine down permanently, but still on site
 - One engine broken

D) Surface Water Management

- Minimal rain event since last audit. Site dry

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- Auditor can not see Temp. Sed basin, which is drained by pump
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - No liquid loads received on 12/01/2020
- G) Litter Control
 - Three pickers active during audit
 - Pickers active in Northeast of site
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads dusty, some potholes developing at entrance
- I) Inspection of Incoming waste
 - Five equipment operators and manager spread over one working face, managing the tipping of MSW, a dredged soil project, and C&D wastes
 - Waste volume has increased due to acquisition of Advanced Commercial Roll Offs
 - Average Tipping 2,800 tons per day
 - Random load inspection was conducted on 11/27/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site closed during audit; boxes half full or less
 - Site clean
- L) Other Comments:
 - Landfill Drillers; installing drip leg in Phase 2A

Construction Audit

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

A)

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 December 1, 2020 TIME 12:00
 Auditor on site at: Open Close

PREVIOUS DATE: November 18, 2020 Completed

WEATHER Clear, Sunny, brisk WIND S-15MPH to NW
 TEMP Maximum 37 °F Minimum 24 °F B.P. 29.98

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

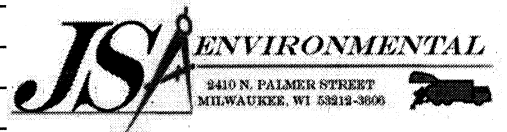
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u>1</u>	Trailer Tipper						
<u>2</u>	Compactor						
<u>2</u>	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						

MAJOR EQUIPMENT BONEYARD

No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance

A. Working Face Size and Location:

Working face in Phase 2A at cresting elevation. Previous working faces covered with dredge material. Working face smaller than last audits



Cover Material:

Dredging material from offsite

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# 0			
Destructed Volume:	# 3,100		cfm	

Comments:

Consistent operation since last audit
volume slightly lower

D. Surface Water Management:

Storm Events Since Last Audit:	# 1	Est. Volume	2/7
--------------------------------	-----	-------------	-----

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

Minimal rain event since last audit
site dry. Temp Sed basin pumped down

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments: No odors on or off site

F. Liquid Loads Recieved:

None Today

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:

Pickers active in North east corner

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

US45 & 8 Mile Road Clean
 Site road dusty, some potholes in entrance

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"/>	#	5 + Manager
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates:						10/27/2020
Average Tonnage:						~2,800 TPD

Comments:

MSW, soil project, and C&D

J. Rejected Loads:

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

K. Residential Drop Off: Open During Audit

Site clean, boxes half full or less

L. Other Comments:

* Landfill drillers installing drip leg
in Phase 2A

*

Auditor's Signature: _____

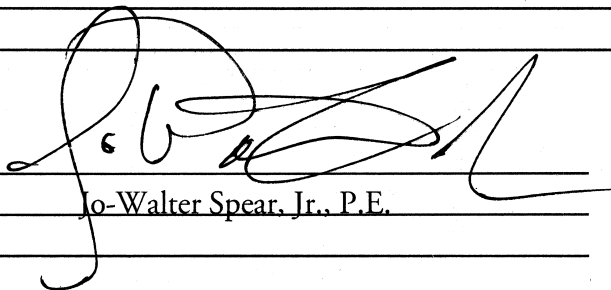
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

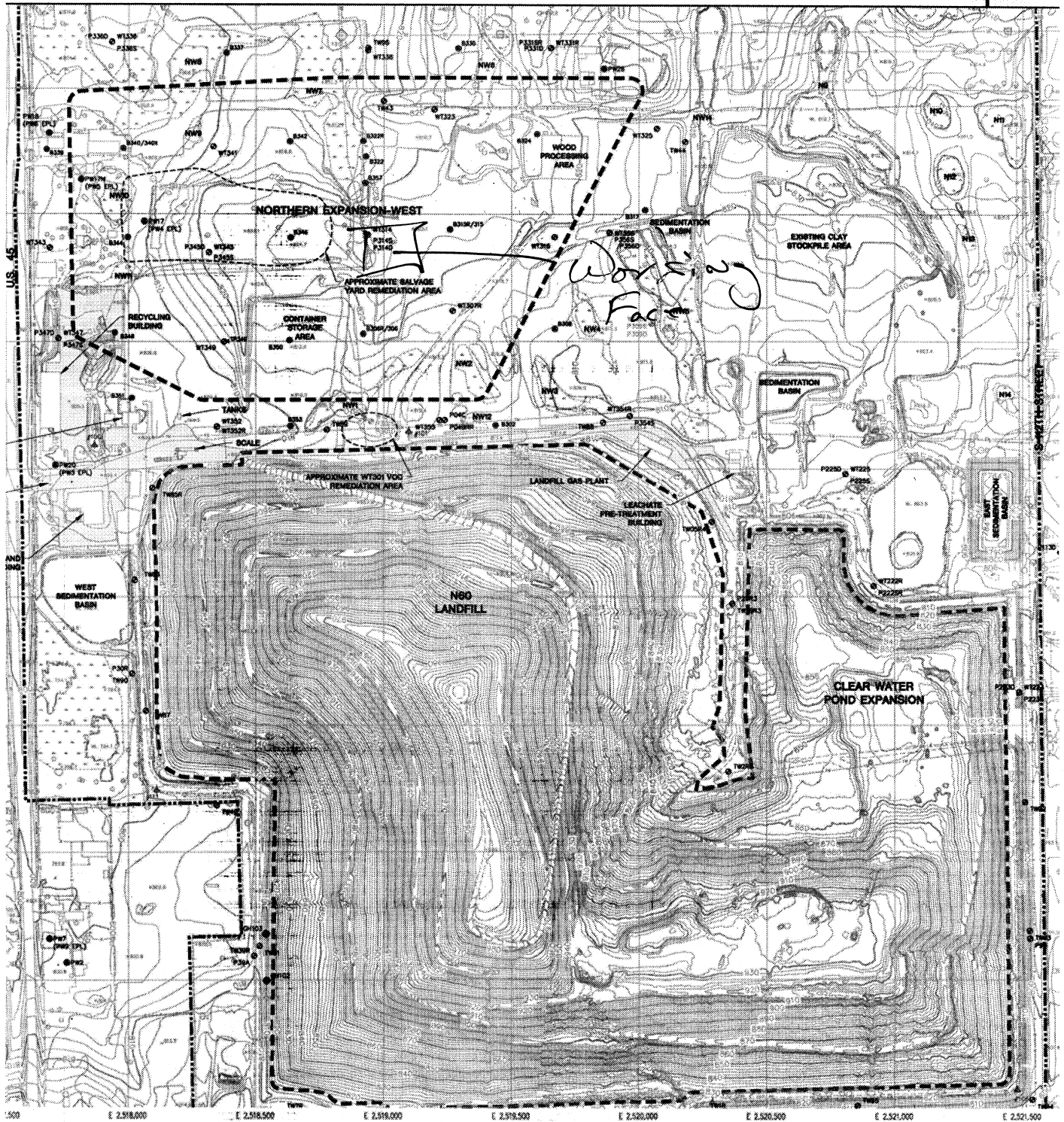
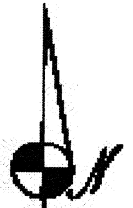


Date: 12/01/2020

Date: _____

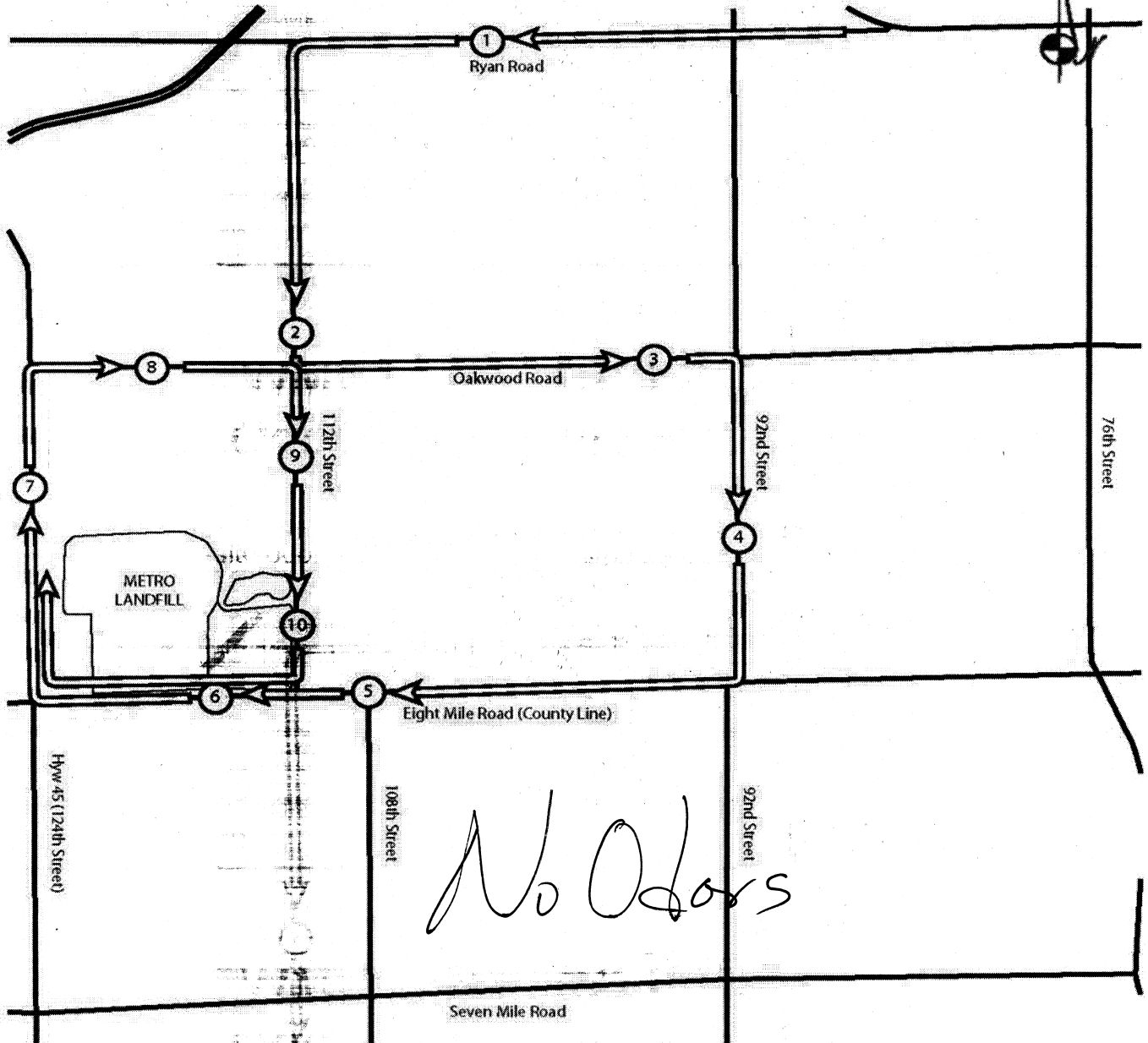
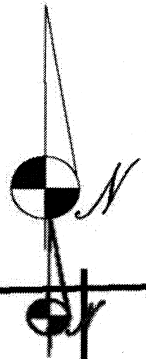
Date: _____

WMWI – METRO LANDFILL SITE MAP



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



**WMWI - Metro Landfill,
AUDIT PHOTOS**

PROJECT NO. 1036.10056



Overview of North Expansion West viewed from West





Overview of North Expansion West viewed from West



Previous Working face in Phase 1B, covered with dredging material from off site



Waste being tipped directly from truck and from trailers on tipper



Waste being tipped directly from truck and from trailers on tipper



Trucks tipping in Phase 2A, South of tipper



South end of Phase 2A, cover soils stockpiled at edge of active area

JSA Environmental

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.

COPIES: File

DATE: 12/16/2020

PROJECT NUMBER: 1036-10066

Due to the COVID-19 pandemic, JSA Environmental and Waste Management are engaging CDC guidelines and common sense. Audits will not be conducted in a shared vehicle until social distancing requirements have been revoked. Audits will be conducted in office or over the phone after the auditor has made all observations.

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of December 6, 2020. The previous audit was conducted on December 1, 2020. The Audit was performed at 12:27 PM on **December 11, 2020** by Jo Spear Jr. With follow up contact with Travis Thorson, Regional Manager

Weather conditions were overcast with ongoing sleet and rain

The operation was employing the following equipment:

- One Trailer Tipper
- One Compactor
- One Bulldozer
- One Excavator

Operations Audit

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

- A) Working Face and Location
 - One working face in use, in Phase 2A and at grade.
 - Previous working face in Phase 1B covered with soils
 - Daily cover of site soils, bio soil, and tarps
- B) Leachate Management
 - All leachate discharging to MMSD; no recirculation
- C) Gas Monitoring and Management
 - One turbine, three engines, and one flare in use for LFG destruction
 - Destructing ~3,100 cfm
 - No shutdowns since previous audit
 - Consistent operation
 - One turbine down permanently, but still on site
 - One engine broken

Attachments:

Action Items List
Landfill Operations Audit Form
Landfill Audit Photos



- D) Surface Water Management
 - Audit conducted during event
 - Auditor can not see Temp. Sed basin, which is drained by pump
 - Very little accumulation
- E) Odor Control
 - No odors on or off site during the audit
- F) Liquid Loads Received
 - Site receiving one to two loads per day on average
- G) Litter Control
 - Three pickers active during audit
 - Litter in high fences about site
- H) Vehicle Impacts
 - US 45 and 8 Mile Road clean
 - Site roads dusty, some potholes developing at entrance
- I) Inspection of Incoming waste
 - Five equipment operators and manager spread over one working face, managing the tipping of MSW, minimal C&D, and special wastes
 - Waste volume has increased due to acquisition of Advanced Commercial Roll Offs
 - Average Tipping 3,000 tons per day
 - Random load inspection was conducted on 12/11/2020
- J) Rejected Loads
 - None
- K) Residential drop-off
 - Site open but relatively inactive during audit
 - Several boxes full
 - Site clean
- L) Other Comments:
 - No additional activities at this time

Construction Audit

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

A)

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 December 11, 2020 TIME 12:27 PM

Auditor on site at: Open Close

PREVIOUS DATE: December 1, 2020 Completed

WEATHER Overcast, rain and sleet during audit WIND 10-20 MPH
 N E W

TEMP Maximum 41 °F Minimum 35 °F B.P. 29.99

MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
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:

One working face in Phase 2A receiving all wastes. Previous working faces in Phase 1 covered with soil.



Cover Material:

Cover from on site soils and bio-soil

Site also using tarps for cover

B. Leachate Management:

Discharge to MMSD

C. Gas Monitoring and Management: Check appropriate box.

Flares in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Turbines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	1
Engines in Operation:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	#	3
Shutdowns Since Last Audit:	# None			
Destructed Volume:	#	3,100	cfm	

Comments:

No shutdowns since previous Audit.

System running well

D. Surface Water Management:

Storm Events Since Last Audit: # 1 Est. Volume >1"

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

Audit during rain and sleet event, not much accumulation.

Temp Sed Basin is pumped dry

E. Odor Control:

Odors Present: Onsite Offsite Notes on odor monitoring page

Comments:

No odors on or off site

F. Liquid Loads Received:

Site receiving an average of one to two loads per day

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:

Litter in high fences 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 and 8 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"/>	#	5
Spotter:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	#	
Random Load Inspection Dates						12/11/2020
Average Tonnage						3,000 TPD

Comments:

Site is receiving MSW, minimal C&D, and Special

J. Rejected Loads:

	Date/Time	Reason for Rejection
1.		None
2.		

K. Residential Drop Off: Open During Audit

Site not very active during audit, several boxes full, site clean.

L. Other Comments:

* No additional activity this week

Auditor's Signature: _____


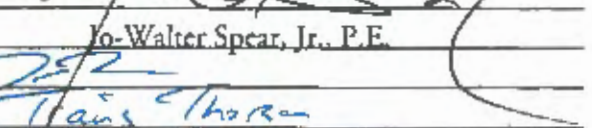
Auditor's Printed Name: _____

Management Signature: _____

Management Printed Name: _____

Management Title: _____

JSA Principal Signature _____

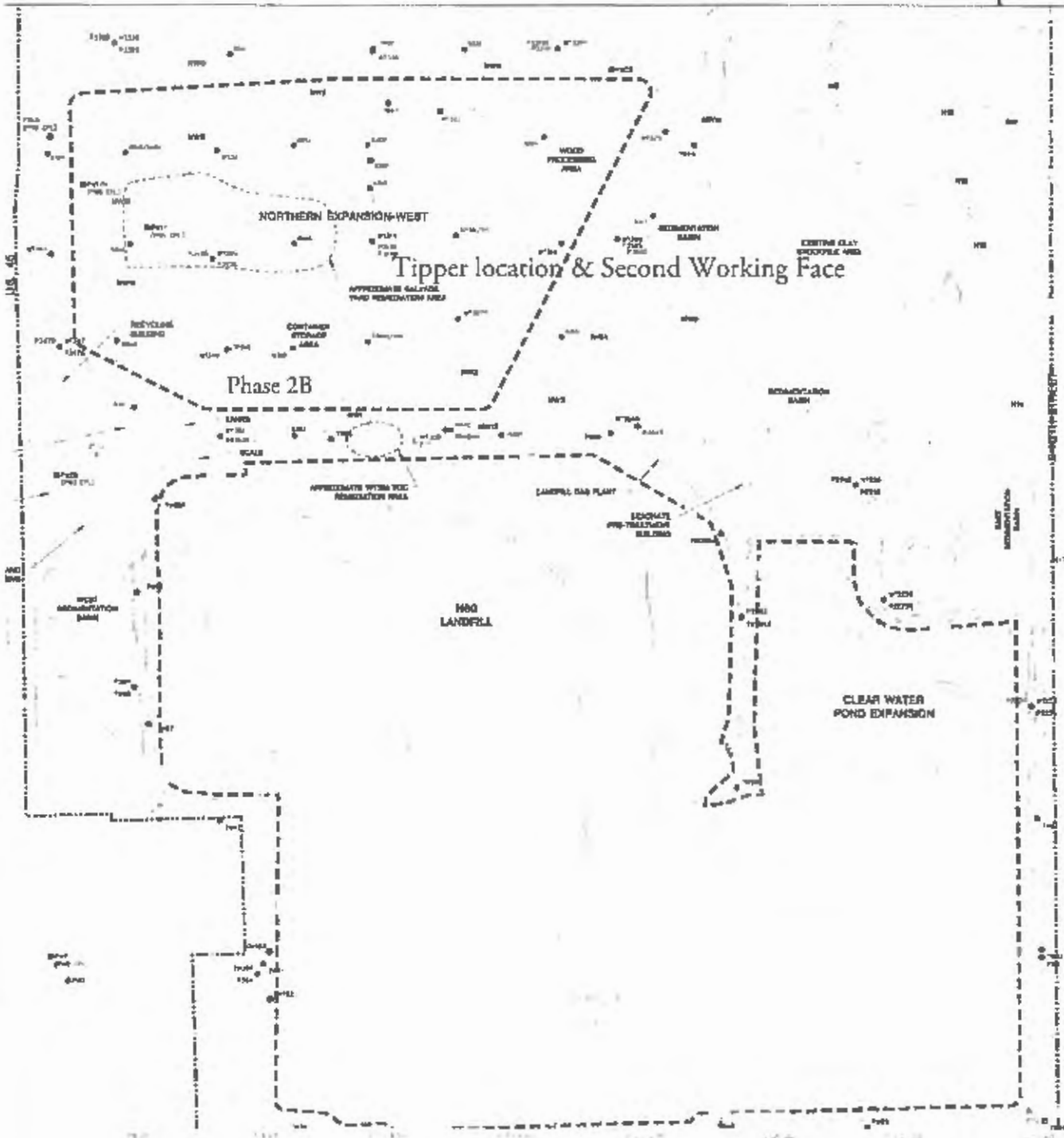

Jo-Walter Spear, Jr., P.E.

Travis Thorsen
District Manager

Date: 12/11/2020

Date: 12/16/20

Date: _____

WMWI – METRO LANDFILL SITE MAP



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



Overview of North Expansion West viewed from West



2410 N. PALMER STREET
MILWAUKEE, WI 53212-3606



Tipper in center of Phase 2A of North Expansion West; working face for the day



Phase 1B, well covered from previous tipping activities