

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



<u>Prepared For:</u> 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 2020<sup>1</sup>. 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

<sup>1</sup> Additional audits would be construction, closure, or at the request of the Committee

deliverable audit document is placed upon the JSA Web page; <a href="https://www.JSAcivil.com/pages/audit/Franklin">www.JSAcivil.com/pages/audit/Franklin</a>. 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.

#### Coronvirus 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 <a href="www.noaa.gov.">www.noaa.gov.</a>

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 2<sup>2</sup>. 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.

<sup>2</sup> 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 11<sup>th</sup>, 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 wasted 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 media<sup>3</sup>. 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 2020<sup>4</sup>.

<sup>3</sup> Nextdoor and Facebook

<sup>4</sup> 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, biosoils, 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 112<sup>th</sup> 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



## 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)

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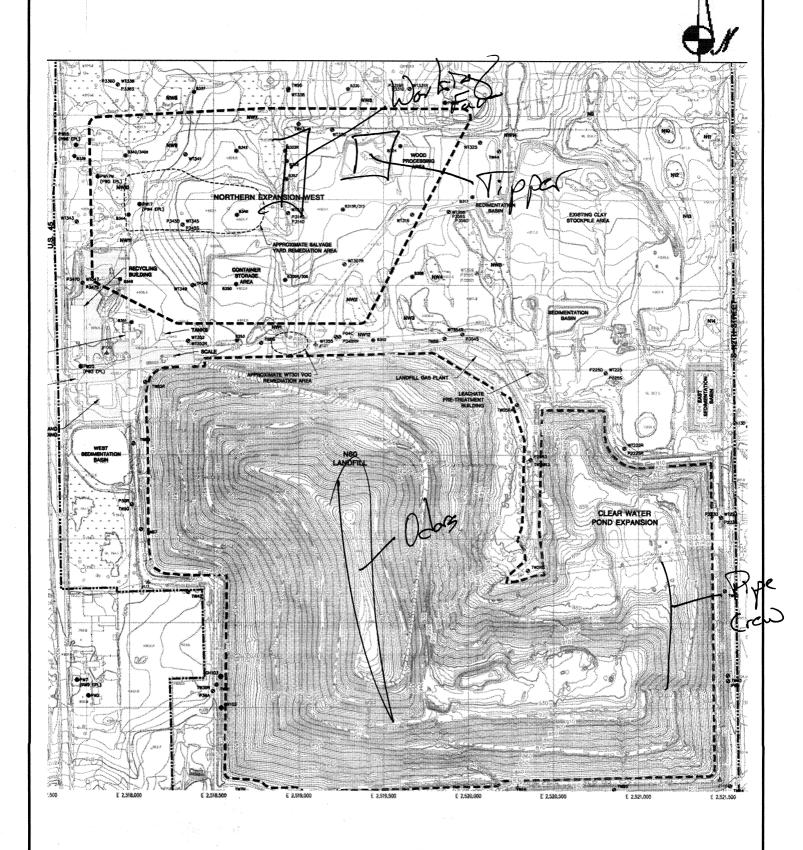
	Cover Material:  MRF Secondo, soils + Typed on site
В.	Leachate Management:  Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES NO W # 1  Turbines in Operation: YES NO W # 1  Engines in Operation: YES NO W # 3  Shutdowns Since Last Audit: # 5  Destructed Volume: # 2,500 cfm
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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:  Sua Show Count Since ast audit al Mc(4cd)
E.	Odor Control: Odors Present: Comments:  Onsite Offsite Notes on odor monitoring page  Odors Tom Emeral Fart in Talking of and
F.	Liquid Loads Recieved:  Page 2 of 6

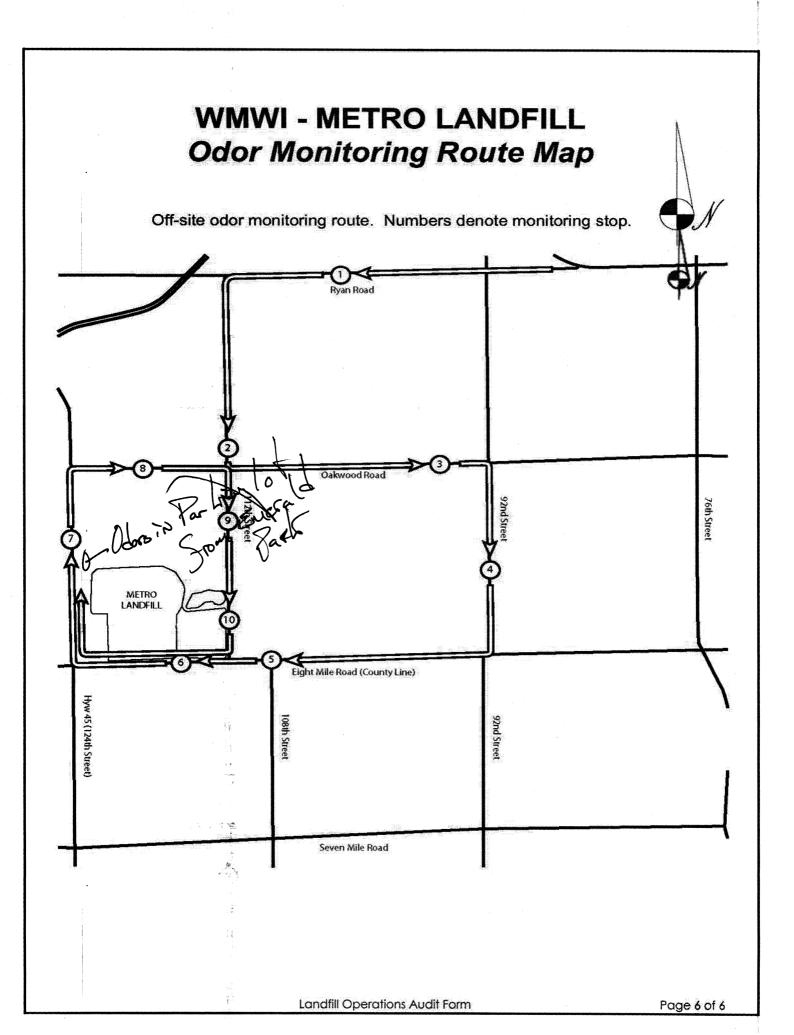
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G.	Litter Control:
	Litter Present Onsite: YES / MO D
	Litter Present Offsite: YES NO
	Pickers Active: YES V NO   # /
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Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures
	taken, instances of trucks on County roads.
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۱.	Inspection of incoming Waste:
	Scale Camera Operator: YES 🗸 🕦 📗 #
	Equipment Operator: YES VNO . #
	Spotter: YES NO W #
	Random Load Inspection Dates: 1/5/20
	Average Tonnage: 2,700 VPD
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	Landfill Operations Audit Form Page 3 of 6

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Management Signature:	Date: 1/6/00
Management Title: District Manager	
JSA Principal Signature	Date:
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## WMWI – METRO LANDFILL SITE MAP





## 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

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



Northern end of NEW

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



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**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 Expanssion

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 apprroval

## WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 TIME 2:20 PM Auditor on site at: Close X Completed January 4, 2020

#### MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

34

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper			,			
1	Compactor			May 1			
- 1	Dozer						
	Excavator			1.97			
1	Haul Truck						
	Water Truck						

°F Minimum

#### MAJOR EQUIPMENT BONEYARD

DATE

PREVIOUS DATE:

TEMP Maximum

WEATHER

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Cover Material;
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B. Leachate Management:
Discharge to MMSD
ATTO CARROLL CO.
C. Gas Monitoring and Management: Check appropriate box.
Flares in Operation: YES VNO   #
Turbines in Operation: YES VNO # #
Engines in Operation: YES V NO  # 3
Shutdowns Since Last Audit: #
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Comments:
as For Charles
D. Surface Water Management: Storm Events Since Last Audit: # 2 Est. Volume 271
EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm
water/waste contact locations:
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Page 2 of 6
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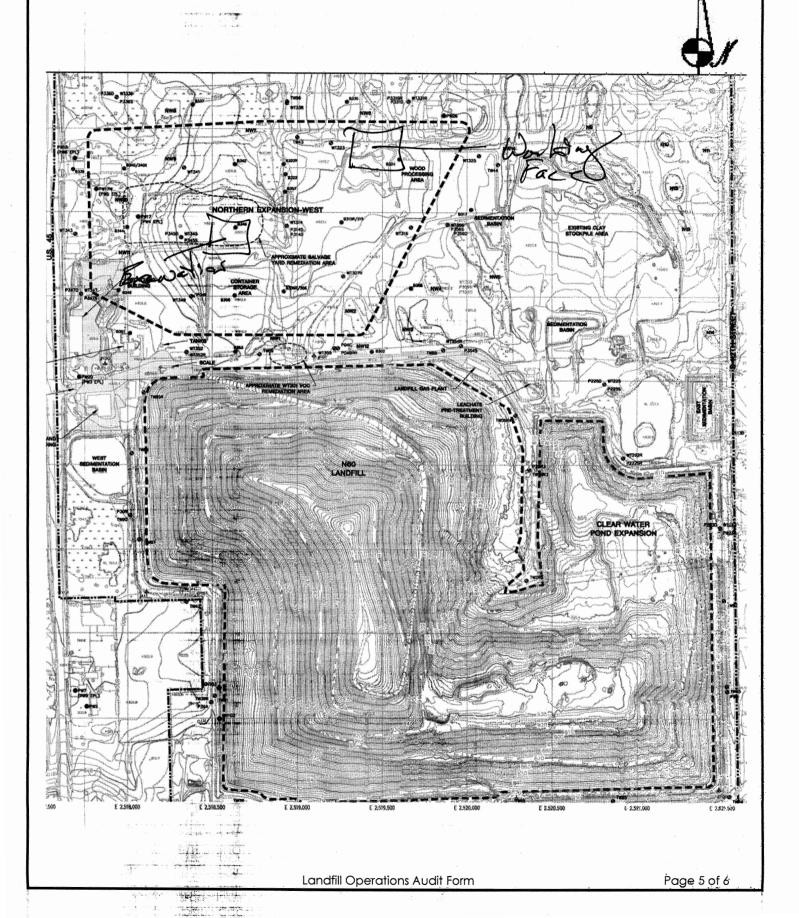
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	Landfill Operations Audit Form Page 3 of 6

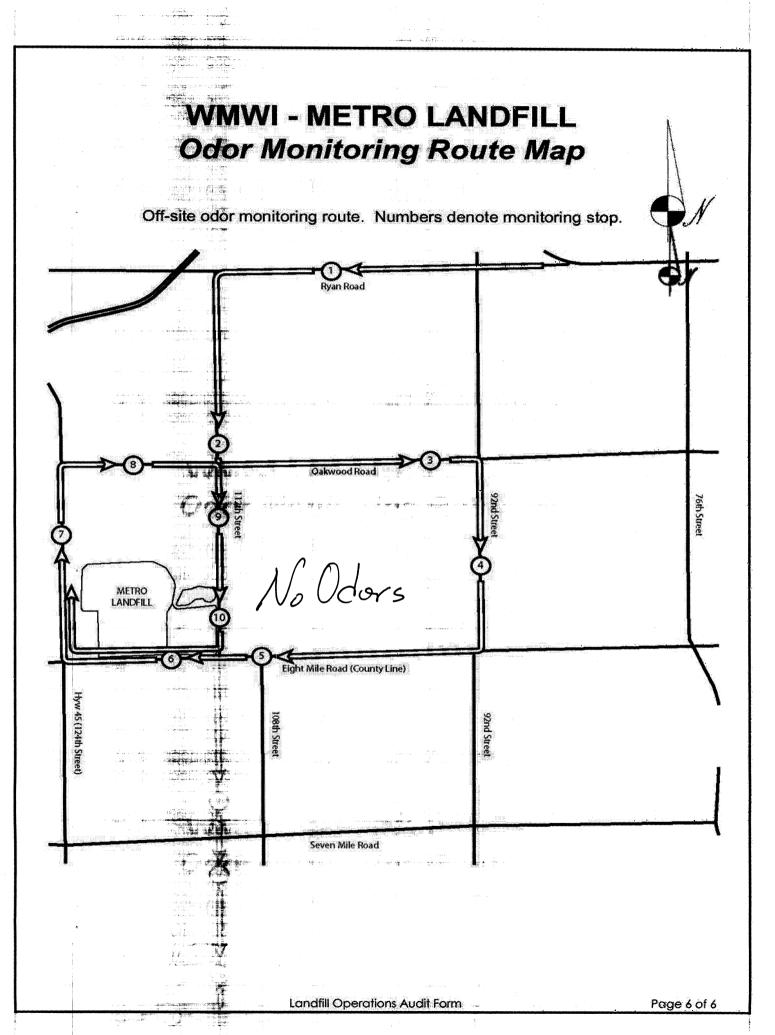
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Landfill Operations Audit Form	Page 4 of 6

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## WMWI – METRO LANDFILL SITE MAP





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

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Landfill Operations Audit Form Page 2 of 2		

### 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

### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# February



### 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)

			MWI – METRO				
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1	Dozer						
1	Excavator						
	Haul Truck						
	Water Truck						
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Page 1 of 6

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ъ.	Leachate Management:
	Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box.
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	Turbines in Operation: YES YNO   # 1
	Engines in Operation: YES VNO # 3
	Shutdowns Since Last Audit: # [
	Destructed Volume: # 7.400 cfm
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	Comments: / / /
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	No other issues
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	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm
	water/waste contact locations:
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E.	Odor Control:
	Odors Present: Onsite 🔽 Offsite 🔲 Notes on odor monitoring page
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F.	Liquid Loads Recieved:
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G.	Litter Control:
	Litter Present Onsite: YES V NO D
	Litter Present Offsite: YES NO 🗹
	Pickers Active: YES V NO U # (
	Comments:
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Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures
	taken, instances of trucks on County roads.
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	Scale Camera Operator: YES VNO #
	Equipment Operator: YES NO , #
	Spotter: YES NO V/#
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	Average Tonnage: 2,300
	Comments:
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J.	Rejected Loads:
	Date/Time Reason for Rejection
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Κ.	Residential Drop Off: Open During Audit
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	Landfill Operations Audit Form Page 3 of 6

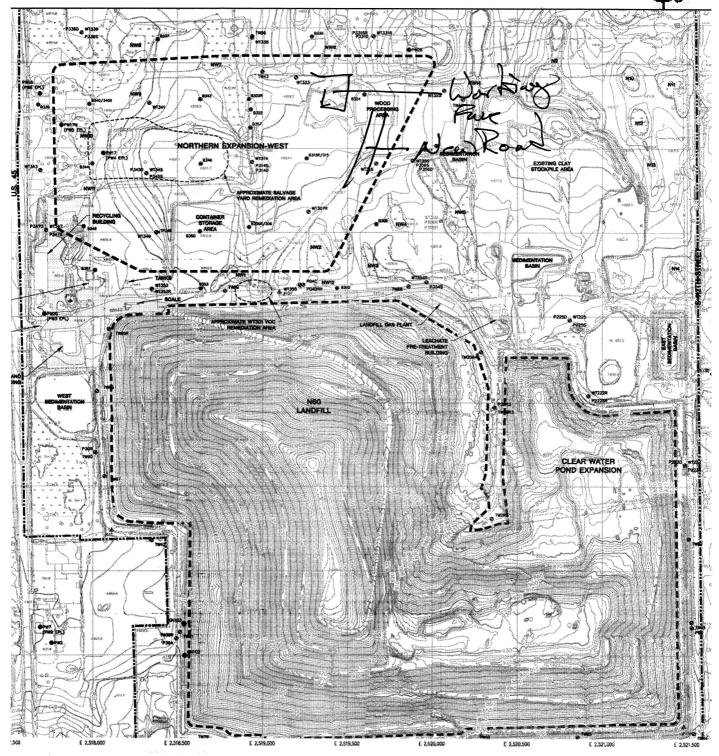
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Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.	,
Management Signature: Date: 2/3/	200
Management Printed Name: //ais /horson	
Management Title: District Manager	
JSA Principal Signature	

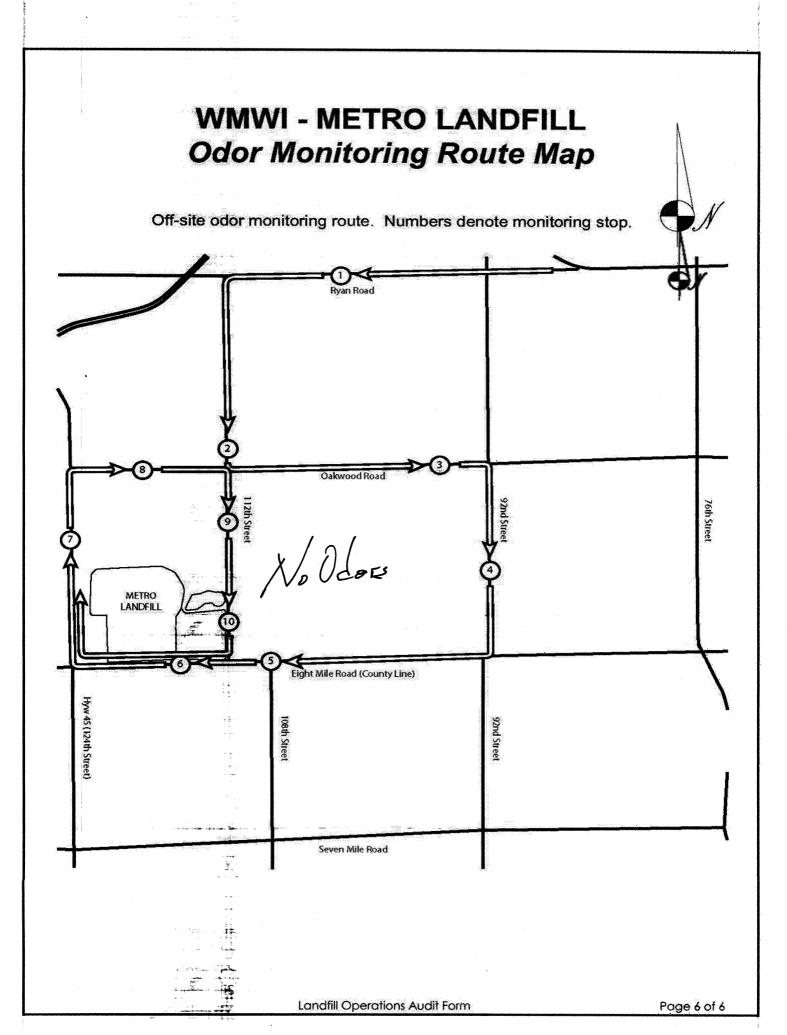
Landfill Operations Audit Form

Page 4 of 6

### WMWI – METRO LANDFILL SITE MAP







### 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

### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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 ince last audit
- D) Surface Water Management
  - Four snow events since last audit
  - Site frozen and snow covered
- E) Odor Control
  - No odors on of 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

# WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE February 25, 2020 TIME 9: S.S. Auditor on site at: Open Close PREVIOUS DATE: February 3, 2020 Completed WEATHER OWNERS E

### MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS

TEMP Maximum 36 °F Minimum

No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
2	Dozer						
	Excavator						
	Haul Truck	**					
	Water Truck						
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### MAJOR EQUIPMENT BONEYARD

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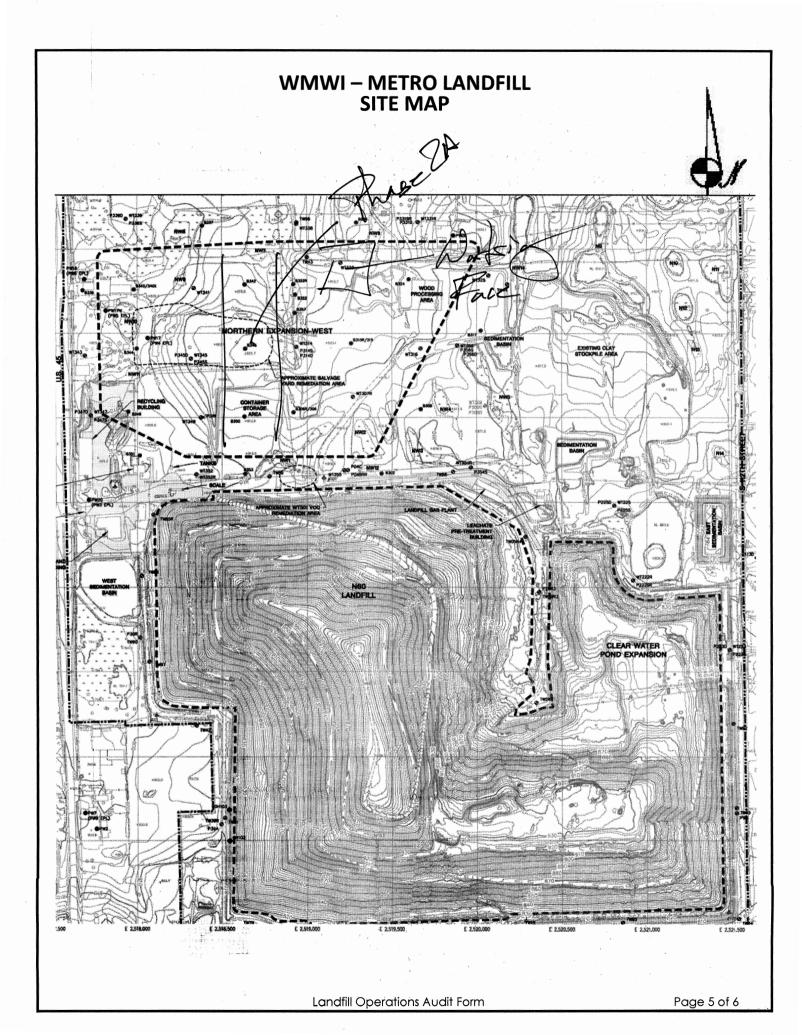
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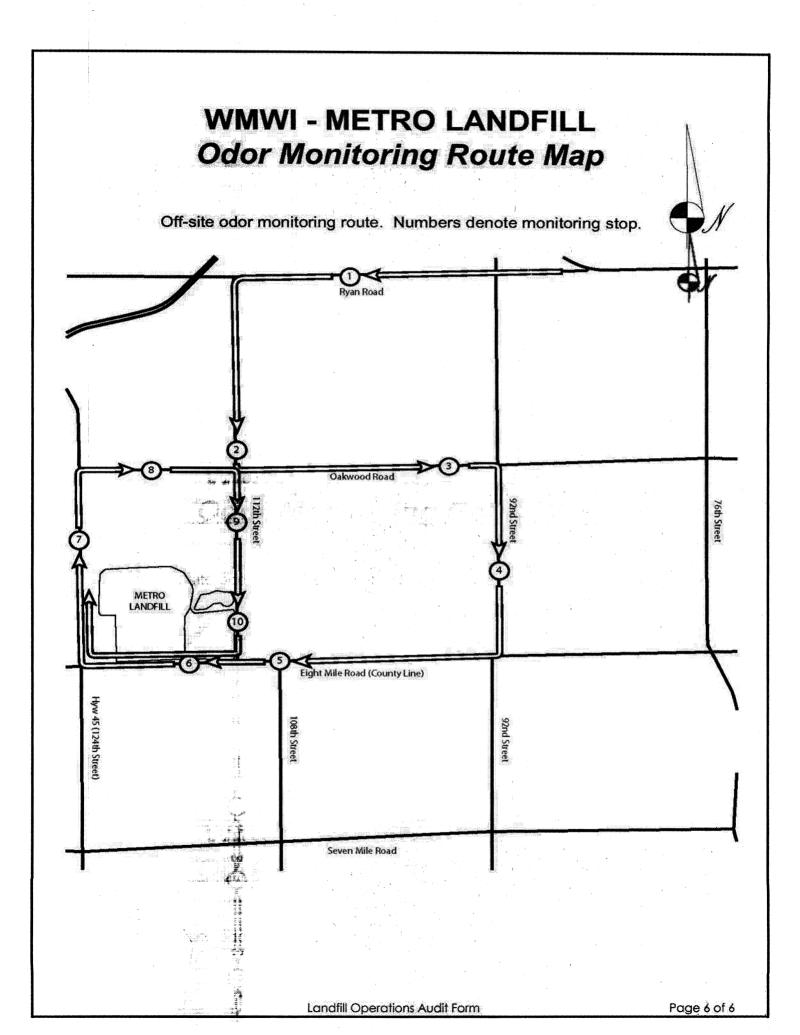
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В.	Leachate Management:  Discharge to MMSD  V
C.	Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES NO #
	Engines in Operation: YES NO H 3 Shutdowns Since Last Audit: # D Destructed Volume: # 3236 cfm
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D.	Surface Water Management: Storm Events Since Last Audit: # Lest. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
	Snow events since hist and t. Dite
	5till snow covered and frozen
E.	Odor Control:
	Odors Present: Onsite Offsite Notes on odor monitoring page  Comments: Notes on odor monitoring page
F.	Liquid Loads Recieved:
	TOPED IN NEW
	Page 2 of 6

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G.	Litter Control:  Litter Present Onsite: YES NO Litter Present Offsite: YES NO Merickers Active:
н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.  USAS has transfer at contrasce, site add (c) \$1 - 4
l.	Inspection of incoming Waste:  Scale Camera Operator: YES V NO  # 2  Equipment Operator: YES V NO  # 5  Spotter: YES NO V # 0  Random Load Inspection Dates: 2/2b/2o  Average Tonnage: 2,300 FD  Comments:
J.	Rejected Loads:  Date/Time Reason for Rejection  1. 2.
K.	Residential Drop Off: Open During Audit  Site being class and lookes emptical during  Landfill Operations Audit Form  Page 3 of 6

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Management Printed Name	
Management Title	
JSA Principal Signatur	
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### WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of North Expanaion West (NEW)





Overview of North Expanaion 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

### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# March



## 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 slop 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

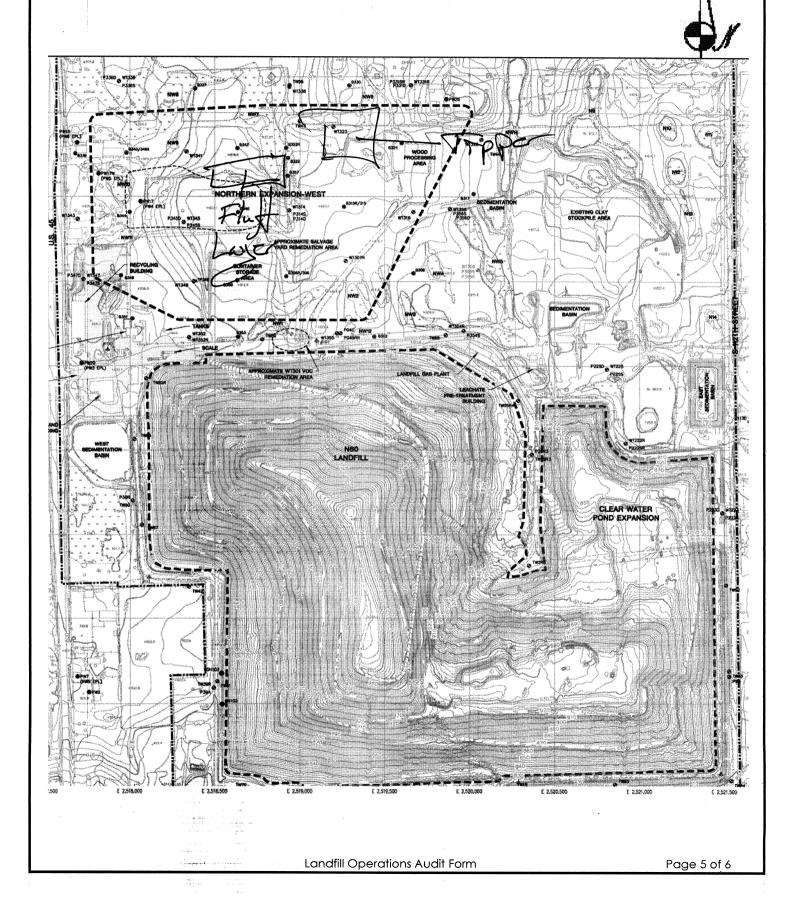
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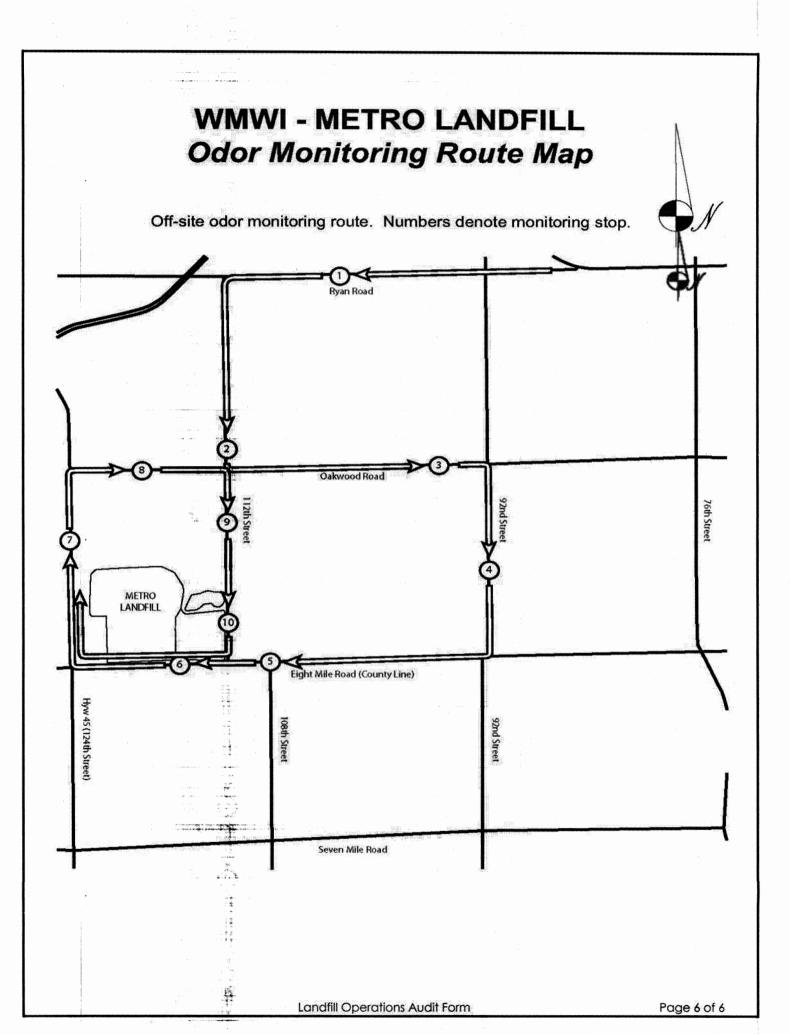
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C.	Gas Monitoring and Management: Check appropriate box.
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	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm
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E.	Odor Control:
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	Page 2 of 6

G.	Litter Control:
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۱.	Inspection of incoming Waste:
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	Equipment Operator: YES M NO  #
	Spotter: YES NO #
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J.	Rejected Loads:
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Κ.	Residential Drop Off: Open During Audit
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<u> </u>	Landfill Operations Audit Form Rage 3 of 6

L. Other Comments:  ** Gas Pipe 24" being in stalled  ** Present in access a bound side  Should be finished by wext  Dednesday  ** Fluid law or and wext layer  being one tup access  ** Access road being but to  ** Dest inde of Phase 12.
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Auditor's Signature:
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.
Management Signature: 252 Date: 13/11/202
Management Printed Name:
Management Title:
JSA Principal Signature Date:

## WMWI – METRO LANDFILL SITE MAP





# 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)

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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



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

#### WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE March 30, 2020 Auditor on site at: Open TIME 2:58 PM Close $\mathbf{X}$ PREVIOUS DATE: March 11, 2020 Completed 5 - 10 MPH WEATHER Overcast and cloudy WIND N S E W 45 °F Minimum TEMP Maximum 31 °F B.P. 30.11 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS Rented No. Contracted No. DESCRIPTION DESCRIPTION Rented Contracted 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:

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

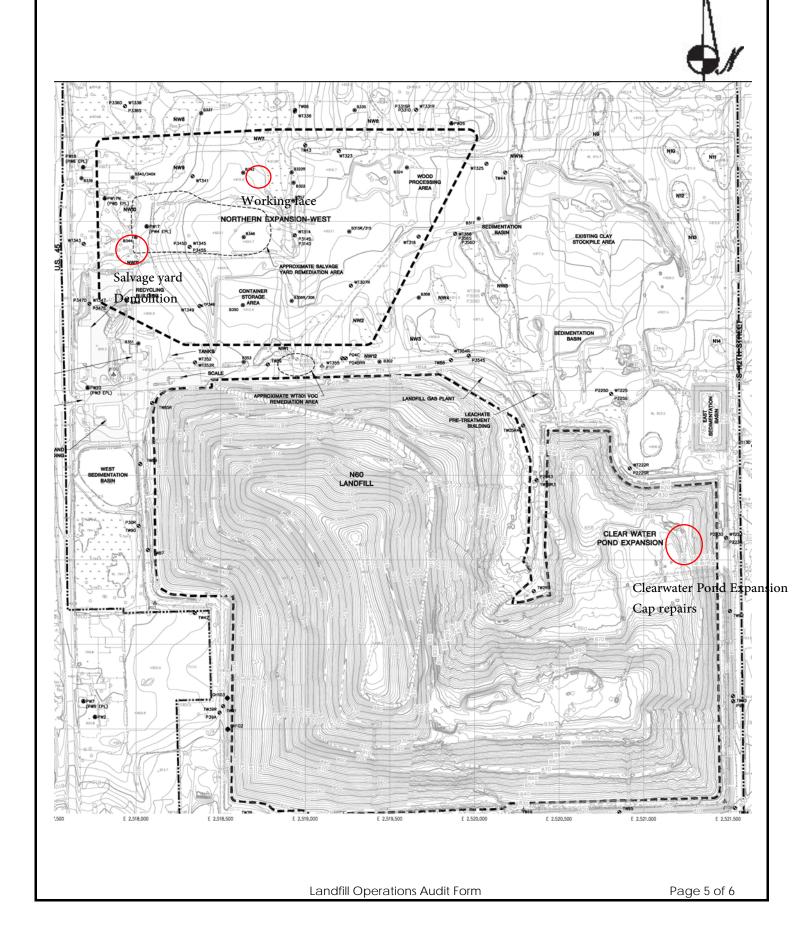


Leachate Management:  Discharge to MMSD	
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES X NO  # Turbines in Operation: YES X NO	
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES X NO  #	
Flares in Operation: YES X NO #  Turbines in Operation: YES X NO #  Engines in Operation: YES X NO #  Engines in Operation: YES X NO #  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  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  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring p. Comments:	
Flares in Operation: YES X NO  #  Turbines in Operation: YES X NO  #  Engines in Operation: YES X NO  #  Engines in Operation: YES X NO  #  Engines in Operation: YES X NO  #  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  Surface Water Management: Storm Events Since Last Audit: # 0	
Turbines in Operation: YES X NO  # Engines in Operation: YES X NO  # Shutdowns Since Last Audit: # None Destructed Volume: # 2,500	
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Contractor repairing slopes of the Clearwater Pond Expansion during audit  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring parameters:	١
Odor Control: Odors Present: Comments:  Odors Present: Onsite Offsite Notes on odor monitoring page	
Odors Present: Onsite Offsite Notes on odor monitoring pa	
Comments:	
No odors offsite, manager was not able to detect any odors onsite	age [
Liquid Loads Recieved:	
None	

G. Litter Control:    Litter Present Onsite:   YES   NO			
Litter Present Onsite: YES NO	_	L'illan Cantral	
Litter Present Offsite:   YES   NO   X     Pickers Active:   YES   NO   # 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     Inspection of incoming Waste:     Scale Camera Operator:   YES   NO   # 1     Equipment Operator:   YES   NO   # 6     Spotter:   YES   NO   # 6	G.		
Pickers Active: YES  NO  # 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  NO  # 1  Equipment Operator: YES  NO  # 6  Spotter: YES  NO  # 7  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. Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
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 \( \text{N} \) NO \( \text{ # 1} \) Equipment Operator: YES \( \text{N} \) NO \( \text{ # 4} \) 6  Spotter: YES \( \text{N} \) NO \( \text{ # 4} \) 6  Spotter: YES \( \text{N} \) NO \( \text{ # 4} \) 8  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 \( \text{ Images of the Sturdays} \)  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
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 \( \text{N} \) NO \( \text{N} \) # 1 Equipment Operator: YES \( \text{N} \) NO \( \text{N} \) # 6 Spotter: YES \( \text{N} \) NO \( \text{N} \) # 8 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. Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		<u> </u>	
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Average Tonnage:  2,200 TPD  Comments:  MSW and remediation soil from the adjacent salvage yard for daily cover  Rejected Loads:  Date/Time Reason for Rejection  1. None 2.  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
Average Tonnage:  2,200 TPD  Comments:  MSW and remediation soil from the adjacent salvage yard for daily cover  Rejected Loads:  Date/Time Reason for Rejection  1. None 2.  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		Random Load Inspection Dates: 3/28/2020	
Comments:  MSW and remediation soil from the adjacent salvage yard for daily cover  Rejected Loads:  Date/Time Reason for Rejection  None  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
MSW and remediation soil from the adjacent salvage yard for daily cover    Rejected Loads:			
Date/Time Reason for Rejection  None  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		Comments:	
Date/Time Reason for Rejection  None  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		MSW and remediation soil from the adjacent salvage vard for daily cover	
Date/Time Reason for Rejection  1. None  2. Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
1. None 2. Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays	J.	Rejected Loads:	
2.  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		Date/Time Reason for Rejection	
Z.  Residential Drop Off: Open During Audit  Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays		1. None	
Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			<u>.</u>
Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays			
	Κ.	Residential Drop Off: Open During Audit	
		Site clean and boxes mostly empty. Site schedule now for Wednesday and Saturdays	
Landfill Operations Audit Form Page 3 of 6			
		Landfill Operations Audit Form Page 3 or	f 6

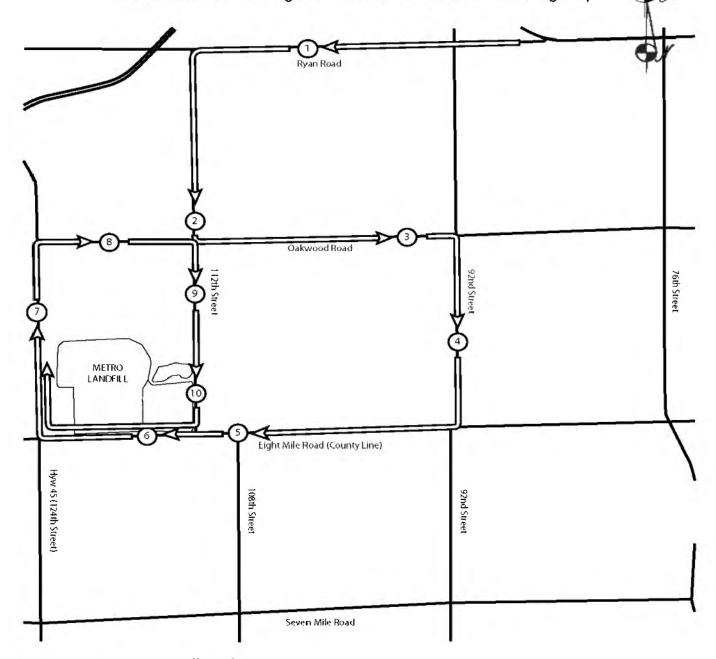
Andit was conducted by offsite observa	tion and a phone call with the Manager	
Gas system improvements to provide u	acuum to wells in North Expansion West (N)	W) completed
	A	
		/
Auditor's Signature:	10 to	Date; 3/30/2020
Auditor's Printed Name:	Jo-Walter Spear, Jr., P.E.	- 2/2/
Management Signature: Management Printed Name:	Flore Trosson	Date: \$\frac{31/2}{2}
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.



No Offsite odors

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

	Marc	ch 30,2020			TIM	E 2:58 PM	-
1AJOR	EQUIPMENT USED IN (	CONSTRUCT	Tion operat	IONS			
Ο.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracte
	Scrapper						
4	Dozer						
2	Excavator						
3	Haul Truck						
	Water Truck						
1	Sweeper		1				
ork Ac	complished Today (S	Scheduled a	& Completed	d):			
	tractor is demolishing adj						

Landfill Operations Audit Form

Page 1 of 2

Contar	minated soils being excavated i	from adjacent salvage yard and u	sed in NFW
ff Site H	lautino		
one .	Weight Ticket	Number	Weight of Load in Pounds
1			
2	T-SATISFIES		
3			
<u>4</u> 5			
- 6			
7			
8			
9			
10			
			***************************************
		A	
			01
		All	
	Auditor's Signature Auditor's Printed Nome:_	/ La Walan Samu la	Dole: 3/30/2020
	Management Signature:	Jo-Walter Spear, Jr.,	Date: 3/3/
	gement Printed Name:	Tracis Thorson	
	Management Title:	DM	
		Landfill Operations Audit For	m Poge 2 of 2

# 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# April



## **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

DAT	April 16, Auditor on site at:	2020 Open		Close	TIM	<sup>IE</sup> 2:	48 PM
PREVIO	US DATE: <u>Mar</u>	rch 30, 2020	)	_Comple	eted $f ar{X}$		
WEATHE	R Clear, sunny, and	d windy			WIN		S E (M)
TEM	IP Maximum	45 °F	Minimum	32	°F_ B.I	o	30.03
MA IOB	EQUIPMENT USED IN LA	andfill of	PERATIONS				
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
1	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
MAJOR E							
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenan
<b>\</b>							
vvorking	g Face Size and Locati	on:					
	Working face in middl	le of Phase	2 of North	Expansi	on West (NEV	X/)	
	aste being tipped in I					· · · ·	
	ome fluff layer still be			7 WII 510 P	2 111to 1 11asc 2		
SC	onie illii lavel silli be						

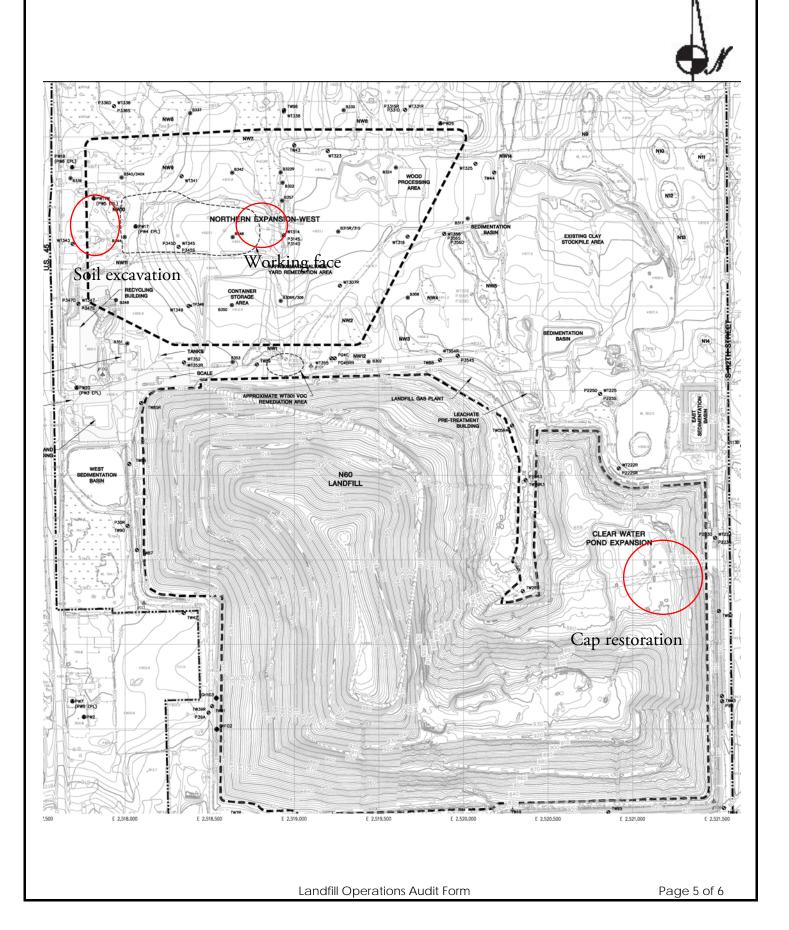
Page 1 of 6

	Cover Material:  Reclaimed soils from previ	ous tipp	ing and so	il excava	ted from a	ndjacent salvage <u>(</u>	yard
3.	Leachate Management:  Discharge to MMSD X						
Э.	Gas Monitoring and Manageme	ent: Che	ck approp	riate box			
		NO 🗌	#	1			
	Turbines in Operation: YES X	NO 🗌	#	1			
	Engines in Operation: YES X	NO $\square$	#	3			
	Shutdowns Since Last Audit:	# Non	e				
	Destructed Volume:	# 3,20	0	cfm			
Э.	Surface Water Management:	l	vents Since			Est. Volume	~1"
	EFFECTS: Note condition of perimete water/waste contact locations:	er road, erd	osion control	structures,	erosion dam	age and possible sto	orm
	Small events and flurries	since pr	evious aud	lit			
	basins are draining	<u> </u>	•				
	erosion repairs being per	tormed	by contrac	tor			
	Odor Control: Odors Present: Onsite		Offsite		] Notes on	odor monitoring	page
	Comments:						
	No odors						
	Liquid Loads Recieved:						
	None received last week						
	INOTIC TECCTIVEU TAST WEEK	<u> </u>					Page 2 of 6

G.	Litter Control:	
	Litter Present Onsite: YES 🗓 NO 🔲	
	Litter Present Offsite: YES NO X	
	Pickers Active: YES X NO	
	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	_
Н.	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 X NO  # 1  Equipment Operator: YES X NO  # 6  Spotter: YES NO X #  Random Load Inspection Dates: 04/18/2020  Average Tonnage: 2,100 TPD	
	Comments:  MSW, C&D, and special wastes	<del>-</del>
J.	Rejected Loads:	
J.	Date/Time Reason for Rejection	T
	1. NONE	$\dashv$
	2.	1
	<del>-</del> '	T
Κ.	Residential Drop Off: Open During Audit	
	Manager states the operation is clean and the boxes are emptied daily	
	9 ·······	_
		_
	Landfill Operations Audit Form Page 3 of 6	_
	<u> </u>	

* Manager stated that no o	other activities were being done by site s	taff
attached construction au	other activities were being done by site s idit has details of contractor activity	
		<del>" -</del>
		_
Auditor's Signature:		Date: <u>04/20/2</u>
Auditor's Printed Name:	/o-Walter Spear, Jr., P.E.	- 11/2
Management Signature:		Date:
Management Printed Name:		
Management Title:	1 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. Oakwood Road METRO LANDFILL Eight Mile Road (County Line)

No odors

Hyw 45 (124th Street)

Seven Mile Road

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

DA	TE <u>April</u>	16, 2020			<del>TIM</del>	E 3:00 P	M
	-						
MAJOR	EQUIPMENT USED IN C	CONSTRUCT	TON OPERAT	TONS			
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Scrapper						
5	Dozer			32	Tandem du	mp trucks	3
3	Excavator					1	
8	Haul Truck						
	Water Truck						
	Sweeper						
1	Sheeps foot roller						
*	Contractor excavatin	g old salva	ge yard and	placing s	soil for daily co	over	

	ously profiled and stockpiled wh	ıen excavated from	J. J
North Exp	ansion West (NEW)		
	<del>_</del> - <del>-</del> -		
ff Site Hauling			atte Burnet
1	Weight Ticket Number	Weight of Loa	a in Pounds
2			· · · · · - · · ·
3			
4			
5			
6			
7			
8			
. 9			
No agent	s to tickers due to Covid 19. M	fanager is manitoring truck	weighte
INO ACCES	THE HEREIS HILE TO COVID 17. 19	ranager is monitoring truck	weights
		-	· · ·
		1 2/	
	ditor's Signature:		Date: <u>04/20/2</u>
Auditor's	s Printed Name: /Io-Walt	SI Speir. Jr., P.H.	
Auditor's Manager	s Printed Name: /Io-Walt ment Signature: ///		Date: <u>04/20/2</u>
Auditor's Manager Managemen	s Printed Name: /Io-Walt ment Signature: // // // // // // // // // // // // //	er Spear. )r., P.H.	
Auditor's Manager Managemen	s Printed Name: /Io-Walt ment Signature: ///		
Auditor's Manager Managemen	s Printed Name: /Io-Walt ment Signature: // // // // // // // // // // // // //		
Auditor's Manager Managemen	s Printed Name: /Io-Walt ment Signature: // // // // // // // // // // // // //		

#### 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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 entraince
  - 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)

D. I.E.	A:1 20	2020			TIM	F 17.	31PM
	April 29 Auditor on site at:	Open		Close		12:	211-141
			_				
PREVIOUS	S DATE: An	ril 16, 202	0	Comple	ted 🛚 🛣		
					10-25		ux from N-i
VEATHER	High clouds, heavy	rains ongoin	g from 4/28		MIN	0 0	S E Ø
TELID	La Da	201		3.0			
IEMP	Maximum	_52 °	F Minimum	41	<u> </u>		29.47
MA IOP E	QUIPMENT USED IN L	ANDELL OF	PERATIONS				
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
1	Dozer						
	Excavator						
	Haut Truck						
	Waler Truck			1000			
MA IOP EO	UIPMENT BONEYARD					,	
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenand
		1				1	
							i i

Soils stripped back from previously placed cover  Leachate Management:  Discharge to MMSD  Stares in Operation:  VES NO # I  Surbines in Operation: YES NO # I  Engines in Opera	# 4	Est. Volume	-34
Gas Monitoring and Management: Check appropriate box Flares in Operation: YES NO # I Urbines in Operation: # None Urbined Propriate Volume: # 3,200 Cfm  Comments: # 3,200 Cfm  Comments: # Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Water Management: Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Wate	# 4	Est. Volume	
Gas Monitoring and Management: Check appropriate box Flares in Operation: YES NO # I Urbines in Operation: # None Urbined Propriate Volume: # 3,200 Cfm  Comments: # 3,200 Cfm  Comments: # Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Water Management: Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Management: Storm Events Since Last Audit Urbines Water Wate	# 4	Est. Volume	
Flores in Operation: YES X NO  # 1  Furthines in Operation: YES X NO  # 1  Fingines in Operation: YES X NO  # 1  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # 1  F	# 4	Est. Volume	
Flores in Operation: YES X NO  # 1  Furthines in Operation: YES X NO  # 1  Fingines in Operation: YES X NO  # 1  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # 1  F	# 4	Est. Volume	1 49
Flores in Operation: YES X NO  # 1  Furthines in Operation: YES X NO  # 1  Fingines in Operation: YES X NO  # 1  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # None  Finding in Operation: # 1  F	# 4	Est. Volume	7
Comments:  Consist gas destruction values, with some increase  Surface Water Management:  Storm Events Since Last Audit  EFFECTS: Note condition at perimeter road, erosion control structures, water/waste contact locations:	-	Est. Volume	7 29
Engines in Operation: YES NO # 1 Shutdowns Since Last Audit: # None Destructed Volume: # 3,200 cfm  Comments:  Consist gas destruction values, with some increase  Surface Water Management: Storm Events Since Last Audit  EFFECTS: Note condition at perimeter road, erosion control structures, water/waste contact locations:	-	Est. Volume	1 29
Comments:  Consist gas destruction values, with some increase  Surface Water Management:  Storm Events Since Last Audit  EFFECTS: Note condition at perimeter road, erosion control structures, water/waste contact locations:	-	Est. Volume	1 29
Destructed Volume: # 3,200 cfm  Comments:  Consist gas destruction values, with some increase  Surface Water Management: Storm Events Since Last Audit  EFFECTS: Note condition at perimeter road, erosion control structures, valer/waste contact locations:	-	Est. Volume	1 29
Comments:  Consist gas destruction values, with some increase  Surface Water Management:  Storm Events Since Last Audit  EFFECTS: Note condition at perimeter road, erosion control structures, valer/waste contact locations:	-	Est. Volume	1 29
Consist gas destruction values, with some increase  Surface Water Management:  Storm Events Since Last Audil  EFFECTS: Note condition at perimeter road, erosion control structures, valer/waste contact locations:	-	Est. Volume	
water/waste contact locations:		age and possible st	
Basins filling, erosion repairs ongoing by contractor	a. Pelvit Gatti	age and position s	ioitti
			***
		-	-
	Notes on	odor monitoring	g page [
Comments:			
Odors on 8 Mile road, probably created by Emerald P	ark .	-	
liquid Loads Recieved:			
Sporadic since last audit none received yet this week		_	

YES X  Huce the rs acrive  tions of exe	for 4/30 cessive muoroads.	mgth of blo 0/2020 d/dust, condit	wn litter. New h on of access and put	
YES K duce the rs acrive ions of exc n County clean wi	for 4/30 cessive mucroads.	mgth of blo 0/2020 d/dust, condit	wn litter. New h on of access and put	
duce the rs acrive ions of exc or Gounty	for 4/30 cessive muroads.	0/2020 d/dust, condit	on of access and put	nigh fences being cleared b
ions of exc n County	for 4/30 cessive muoroads.	0/2020 d/dust, condit	on of access and put	
n County clean wi	roads. ith_the_ex	cception of	left turn lanes	blic roads and control measures
		igni previo	os audits	
Woste:	11	1 .		
			1	
-		1	1 T	
_		-		
3:	_			
	1 2.31	10 TPD		
ISW, C	&D, and	special wa	stes	
			$\bowtie$	
		1	Reason for Rejection	on
1	Jone			
	3111131			
				*
Open D	During Au	dit X		
	YES X YES X YES C	YES NO DYES NO	YES NO	YES NO

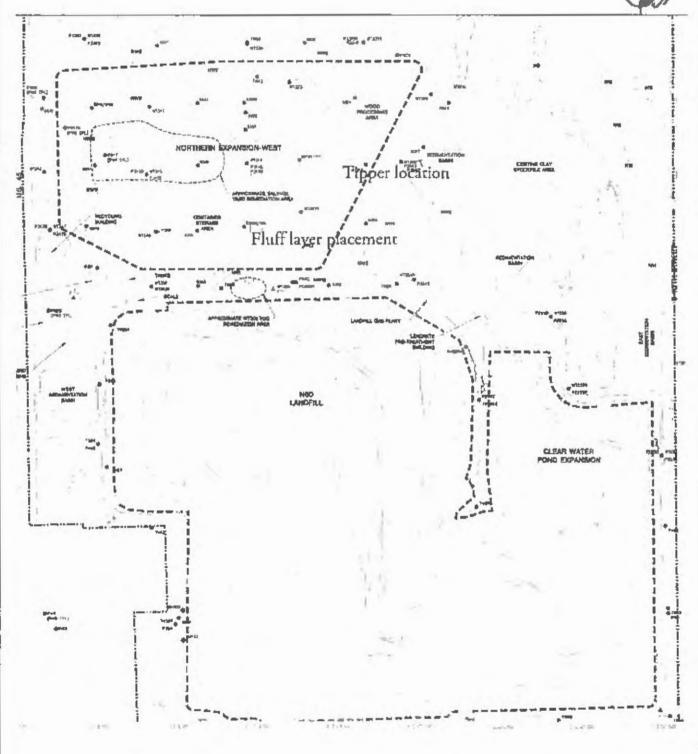
* Construction halred due to weather condition  Contractor expected to return on May 4, 2020	
* Cap construction for Clearwater Pond Expansion expension	cted to be completed in two weeks
* Reclamation of salvage yard is complete for now	
* Mass excavation of North Expansion West (NEW) Ph	ase 2B to begin 5/4
$\langle 11 \rangle \langle$	
Auditor's Signature: Auditor's Printed Name: Ja-Walter Spear, Jr., P.F.	Date: <u>n4/3n/2</u>
Management Signature: 12 That's That's	Date: 4/30/
Management Title: / / / / / / / / / / / / / / / / / / /	Dale:

Landfill Operations Audit Form

Page 4 of 6

#### WMWI – METRO LANDFILL SITE MAP





Landfill Operations Audit Form

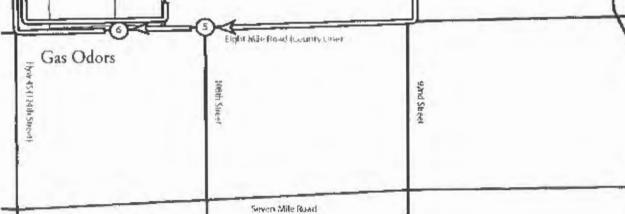
Page 5 of 6



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

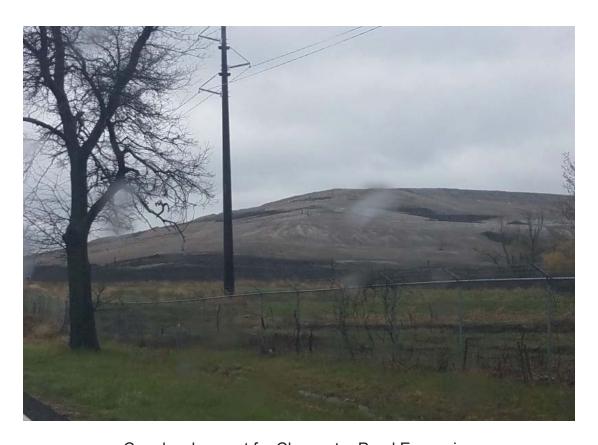
Ryan Road

Oakwood Road



#### 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

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# May



#### 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 5/92020
- 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)

DATE	T NO. 1036.10056 May 13	. 2020			TIN	ИЕ 2:0	5 PM
	Auditor on site at:	Open		Close			<i>y</i> = 1.1
PREVIOU	IS DATE: <u>Ap</u> i	ril 29, 202	.0	Comple		20 mph g	usting wind
WEATHER	Sunny, clear, and dr	<u>y</u>					9 E Ø
TEMF	Maximum	61 °	F_Minimum	50_		P	30.29
MAJO <del>R</del> I No.	EQUIPMENT USED IN LA DESCRIPTION	ANDFILL OF Rented	PERATIONS  Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper	. to.ttou	John dotton		52001III 11011	. Ko. Ko G	33111143134
2	Compactor						
1	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
MAJOR EC	L Quipment Boneyard						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenanc
Morking	Face Size and Locati	on:					
Woı	rking face near South ing waste on fluff lay	n end of P					2
	ed again next week  other working faces			-			
•							

Page 1 of 6

	Soils stockpiled	from ren	nediation	of neighbo	oring salv	age yard		
	chate Managem harge to MMSD	ent:	1					
Gas	Monitoring and N	Managem	nent: Che	ck approp	riate box.			
	es in Operation:	YES X		#	1			
Turbi	ines in Operation	: YES X	NO 🗌	#	1			
	nes in Operation:		] NO 🗌	#	3			
-	downs Since Last	Audit:	# Non					
Dest	ructed Volume:		# 2,33	0	cfm	]		
	nce Water Manage		L	vents Since I			Est. Volume age and possible sto	<2"
water	Basins draining		ion repair	s ongoing				
Odo Com	or Control: ors Present: nments:	Onsite		Offsite			odor monitoring	page [
	Waste odors on 0	Oakwood	Road, no	other od	ors detect	ed		
Liqui	id Loads Recieve	d:						

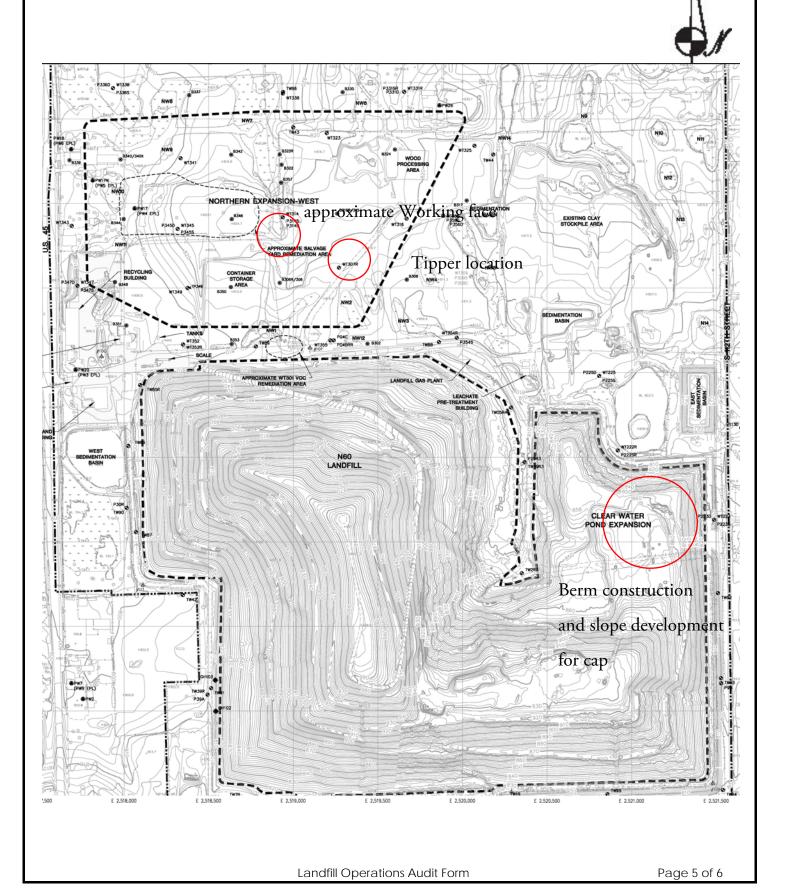
G	Litter Control:						
O.		YES X NO	$\overline{\Box}$			1	
	Litter Present Onsite:		-				
	Litter Present Offsite:	YES NO		2			
	Pickers Active:	YES X NO	O   #	3			
	Comments:						_
	Litter about workin	ig face, pred	dominar	ntly in higl	n fencin	ıg	_
							_
							_
Н.	Vehicle Impacts: Locati taken, instances of trucks or			ust, conditior	of acce	ss and public roads and control measures	
	US 45 and 8 Mile	Road are c	lean. Si	te roads pa	ived to	entrance of North Expansion West	_
	project was comple	eted on Ma	ay 7, 202	20			_
							_
l.	Inspection of incoming					1	
	Scale Camera Operator:	YES X NO	0 🔲	#	1		
	Equipment Operator:	YES X N	0 🔲	#	6		
	Spotter:	YES NO	0 🛛	#			
	Random Load Inspection Date	s:	5/9/20	020			
	Average Tonnage:		2,400	TPD			
		<u> </u>		112			
	Comments:						
	Site is receiving N	ISW. C&T	), and sr	pecial wast	es		-
			- ) <u>-</u> - <u>-</u>				-
J.	Rejected Loads:						
	Date/Time			Re	ason fo	r Rejection	Ī
	1.	Non				,	†
	2.	TYOH	<u>.c</u>				†
						_	1
K.	Residential Drop Off:	Open Durir	na Audit	X			
		_   0 0 . 1 2 0 . 1 1					
	Site very husy have	es to he en	nntied a	n May 1/1	2020	Brush pile being trucked to Orchard	- 
	Ridge landfill	es to be ell	приси О	11 1v1ay 17,	<i></i>	Drush phe being trucked to Ofenard	<u>L</u>
	Muge randini		Landfill	Operations A	udit Form	Page 3 of 6	-
			Landill	operations A	adit i OIIII	1 agc 3 01 0	

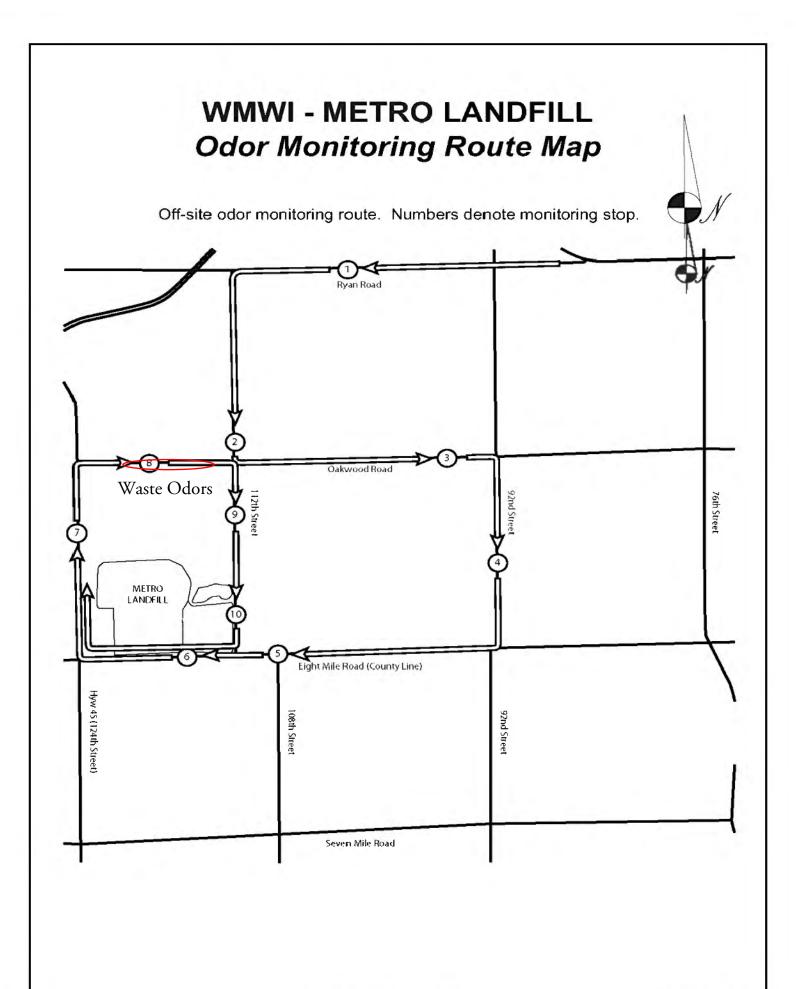
Other Comments:	and the second s
* Paving project was started and completed last week on May 7, 2020 entrance and US 45 much cleaner	
* Contractor operating 3 bulldozers, 3 excavators, 8 haul trucks, and 2  * Berm construction along West and South of North Expansion We elevations	
* Ongoing excavation of North Expansion West Phase 2B	
* Ongoing cap construction on Clearwater Pond Expansion	
Auditor's Signature:  Auditor's Printed Name:  Vo-Walter Spear, Ir., P.E.	Date: <u>05/14/202</u>
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.  Management Signature: Travis Thorson	Date: <u>5/15/202</u>
Management Title: District Manager  JSA Principal Signature	

Landfill Operations Audit Form

Page 4 of 6

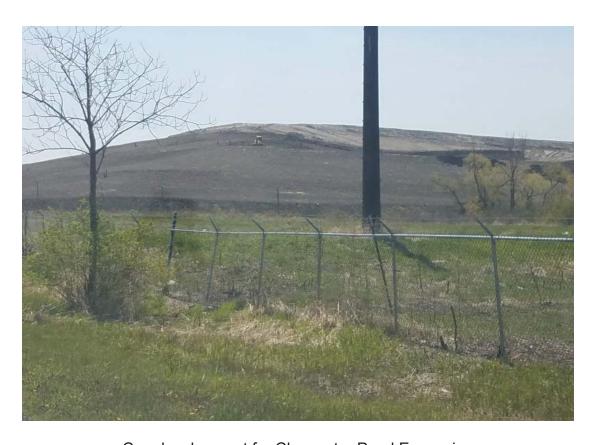
### WMWI – METRO LANDFILL SITE MAP





#### 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 friom North Expansion West (NEW), Phase 2B



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



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



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



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



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



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



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



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

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



Berm construction with excavated soils friom 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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)

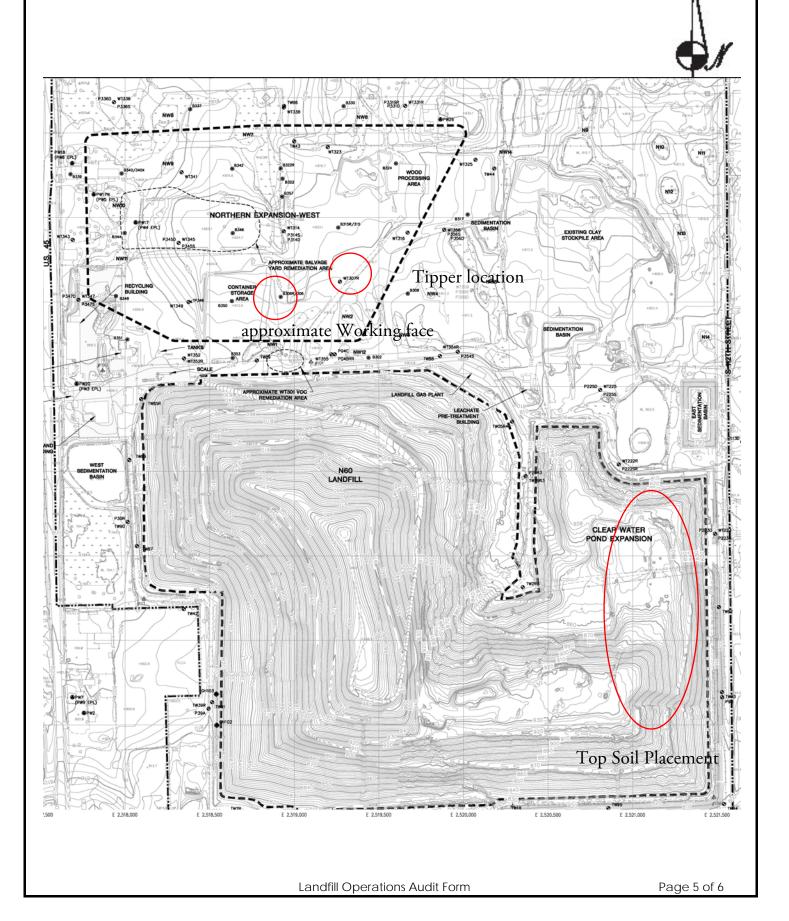
				MWI – METRO					
		L	ANDFIL	L OPERATION CITY OF FRA		ORIM			
PROJEC	CT NO. 1036.1005	56		CITOTIKA	ININLIIN				
DAT	E M Auditor on site	ay 28, 20	20				TIME	2:0	)5 PM
	Auditor on site	e at: (	Open		Close				
DDE\/I∩I	US DATE:	1.5 1/	2 202	2	Comple	ted 🛚 🗓	7		
REVIO	OS DAIL.	May 1	<u>3, 2020</u>	)	Comple			moetly	out of West 5
VEATHE	R Raining with	some sun					WIND		0 E 0
		some sun							
TEM	P Maximum	77	°l	F_Minimum	55	°F	B.P.		29.88
			VEU 1 OF						
VIAJOR Vo.	DESCRIPTION		Rented	Contracted	No.	DESCRIP	IION	Rented	Contracted
1	Trailer Tipp		Critca	Contracted	110.	DESCINII	IION	Rented	Contracted
2	Compac								
2	Dozer								
	Excavat	or							
	Haul Truc	ck							
	Water Tru	ıck							
MAJOR E		ARD							
Vo.	DESCRIPTION		Broken	Maintenance	No.	DESCRIPT	ION	Broken	Maintenance
۸ / ما با با		1 1:							
	g Face Size and I		Flarran	at South and	l of Dhas	o 2 of No	eth Es	rpansia	n Wast (NEV
	<u>veloping last are</u> n-acceptable wa								ir west (INE v
	n acceptable wa	<u> </u>	iuii iay	er are being	spread as	ound up	<u>per 10</u>	cation.	
No	other working	faces							
							_		
						- 7		ENVIR	ONMENTAL
							7	2410 N. PALME MILWAUKEE, W	T 53212-3606
							/		

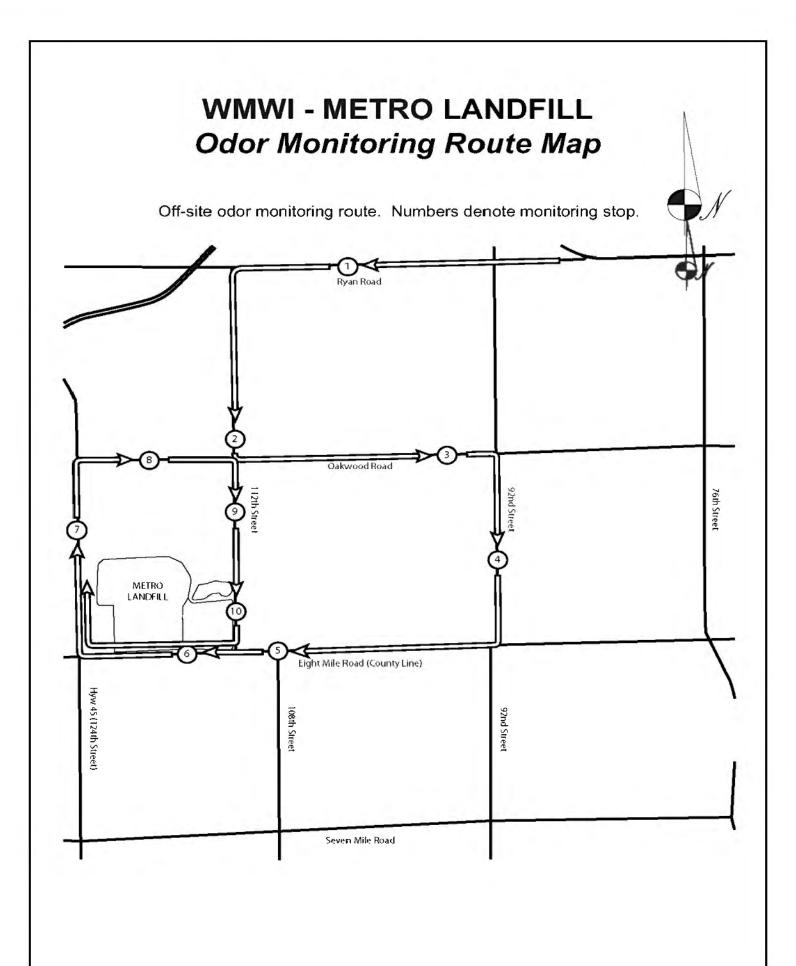
Soils stockpiled from remediation of neighboring salvage yard
Leachate Management:  Discharge to MMSD
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES X NO  # 1  Turbines in Operation: YES NO  # 1  Engines in Operation: YES NO  # 3  Shutdowns Since Last Audit: # May, 18, 2020  Destructed Volume: # 2,800 cfm
Shutdown due to liquid in gas lines  Shutdown less than twelve hours
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
Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:
Strong gas odor from Emerald Park in Office parking lot
Liquid Loads Recieved:

G.	Litter Control:					
1	Litter Present Onsite:	YES X	NO $\square$			
	Litter Present Offsite:	YES	NO X			
	Pickers Active:		NO $\square$	# 2		
	Comments:	1120 22	<u> </u>			
	Manager indicated	that pick	ers were	active abou	t the ter	mp sed basin adjacent to Phase 2
	of North Expansion	n West (	NEW)			
	taken, instances of trucks of	n County ro	oads.			ss and public roads and control measures
	US 45 and 8 Mile	Road are	e clean.	<u>Site roads pa</u>	eved to	entrance of North Expansion West
	project was compl	<u>eted on l</u>	May 7, 2	020. New p	aving c	lean.
l.	Inspection of incoming	Waste:				
	Scale Camera Operator:	YES X	NO 🗌	#	1	
	Equipment Operator:	YES X	NO 🗌	#	6	
	Spotter:	YES 🗌	NO X	#		
	Random Load Inspection Date	es:	<del>                                       </del>	/2020		
	Average Tonnage:		-	0 TPD		
,			2,00	<u> </u>		
	Comments:					
	Site is receiving N	1SW, C8	kD, and	special wast	es	
J.	Rejected Loads:	<del>-</del>				
i	Date/Time			Re	ason fo	r Rejection
	1.	N	one			
	2.					
,	D 11 11 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
K.	Residential Drop Off:	Open Di	uring Auc	ווג		
•	Royes all full Mar	nager stat	ed that a	mntvine vy	uld occ	cur today and that site was cleaned
•	Duxes all full, Ivial	iagei sial	cu mai t	mptymg wc	outa occ	cui today and mat site was cleaned
			Landf	fill Operations A	udit Form	Page 3 of 6

prior to audit	ld due to rain and wet conditions. W	/ere active for ~4 hours
	iding top soil on slopes of Clearwater	Pond Expansion
* Mowing contractor mowin	ng capped areas of landfill and the out d complete by following week	
Auditor's Signature:	Wishon Smoon In D.E.	Date: <u>05/28/20</u>
Auditor's Signature:_ Auditor's Printed Name:_ Management Signature:_ Management Printed Name:_ Management Title:_	Travis Thorson	Date: <u>05/28/20</u> Date: <u>6/2/20</u>

# WMWI – METRO LANDFILL SITE MAP





## 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)

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



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

#### **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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	06/18/2016	80	Offsite litter present over two audits
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# June



## **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)

DAI	E June 12 Auditor on site at:	, <u>2020</u> Open		Close	TIME	10:	20 AM
PREVIO	US DATE: <u>M</u> a	v 28, 2020	)	Comple	ted $oldsymbol{ar{X}}$		
WEATHE	R <u>Clear, sunny and dr</u> y	•			) A (IA IE		0-20 S E <b>Ø</b>
TEM	P Maximum	66 °F	Minimum	44	<u>°F</u> B.P		30.33
MAJOR	EQUIPMENT USED IN LA	ANDFILL OF	PERATIONS				
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
2	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
MAJOR E	QUIPMENT BONEYARD						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenanc
1	836 Compactor	X					
Flu	g Face Size and Locati ff layer in Phase 2a norking face on West s	ow comple		th Expan	sion West		
					•		

Page 1 of 6

Discharge to MMSD	-	Cover Material: Soils being tipped during operations and stockpiled from previous tipping
Flares in Operation: YES NO	Г	
Turbines in Operation: YES NO	<u>-</u>	Gas Monitoring and Management: Check appropriate box.
Engines in Operation: YES  No	г	
Shutdowns Since Last Audit: # None Destructed Volume: # 2,300 cfm  Comments:  No shutdowns, gas generation and destruction consistent however, volume down this week  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  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:  No odors on or off site		Turbines in Operation: YES 🛛 NO 🗌 # 1
Destructed Volume: # 2,300 cfm  Comments:  No shutdowns, gas generation and destruction consistent  however, volume down this week  Surface Water Management: Storm Events Since Last Audit: # 2 Est. Volume2"  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  Odor Control: Odors Present: Onsite		Engines in Operation: YES $\square$ NO $\square$ # $3$
Comments:  No shutdowns, gas generation and destruction consistent  however, volume down this week  Surface Water Management:  Storm Events Since Last Audit: # 2	ļ	None
No shutdowns, gas generation and destruction consistent  however, volume down this week  Surface Water Management: Storm Events Since Last Audit: # 2		Destructed Volume: # 2,300 cfm
Water/waste contact locations:  Visible basins have plenty of freeboard, and are draining from events  Erosion repairs ongoing  Odor Control: Odors Present: Onsite Onsite Offsite No tes on odor monitoring page Comments: No odors on or off site		Surface Water Management: Storm Events Since Last Audit: # 2 Est. Volume ~2"
Odor Control: Odors Present: Comments:  No odors on or off site	=	
Odors Present:  Onsite  Offsite  Notes on odor monitoring page  Comments:  No odors on or off site	-	Erosion repairs ongoing
		Odors Present: Onsite Offsite Notes on odor monitoring page
Liquid Loads Recieved:	-	No odors on or off site
	-	Liquid Loads Recieved:
Sporadic receipt of liquid loads	-	

_	L'Illian Canalani					
G.	Litter Control:					1
	Litter Present Onsite:		NO 🗌			
	Litter Present Offsite:		NO $X$			
	Pickers Active:	YES X	NO 🗌	# 2		
	Comments:					
	Pickers had been ac	ctive on L	JS 45 du	iring the day	and w	ere active on site during audit.
Н.	Vehicle Impacts: Locat	tions of exc $\epsilon$	essive mud	/dust, conditior	n of acce	ss and public roads and control measures
	taken, instances of trucks o					·
	US 45 and 8 Mile	Road are	clean.	Newly paved	d site ro	oad clean
				/ <u>F</u>		
I.	Inspection of incoming	y Waste:				•
	Scale Camera Operator:	YES X	NO $\square$	#	1	
	Equipment Operator:	YES X	NO $\square$	#	6	
	Spotter:	YES	NO X	#		
	Random Load Inspection Date	es:	6/11	/2020		
	Average Tonnage:		3,400	0 TPD		
						-
	Comments:					
	Site is receiving N	<u> 1SW, С8</u>	zD, and	soils		
	_					
J.	Rejected Loads:					
	Date/Time			Re	ason fo	r Rejection
	1.	No	one			
	2.					
K.	Residential Drop Off:	Open Du	ıring Aud	it X		
	Site very busy dur	ing audit.	Boxes	<u>now being e</u>	<u>mptied</u>	daily
			Landf	ill Operations A	udit Form	Page 3 of 6
			Lanun	operations A	uun 1 UIIII	rayesulo

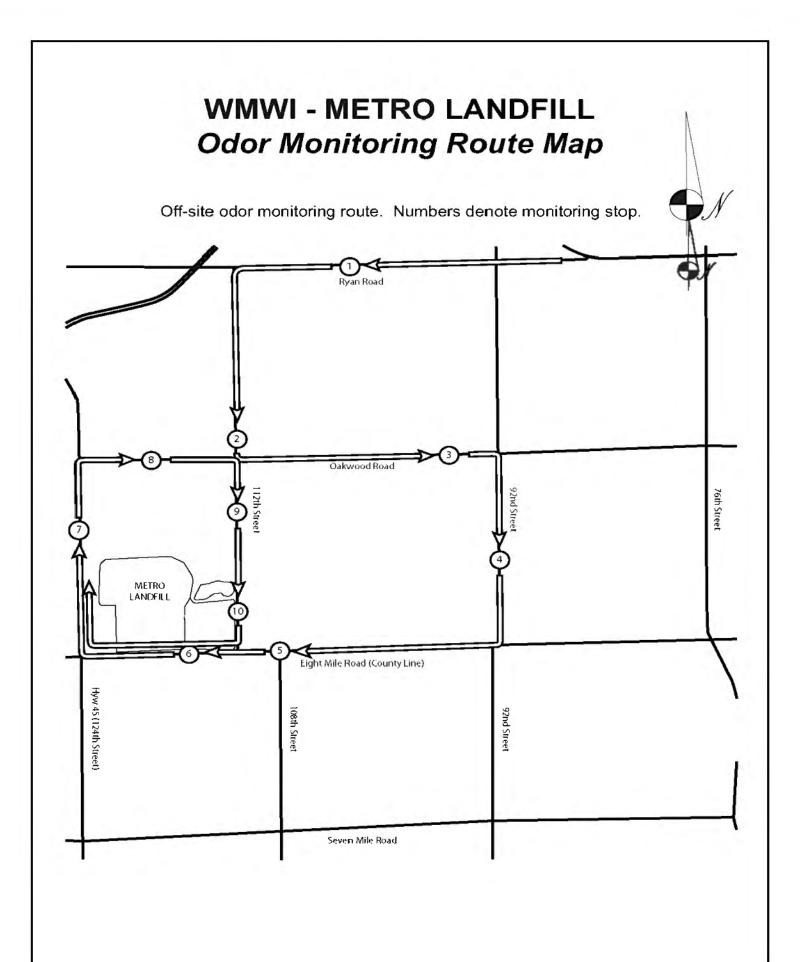
This cone	or still constructin	ng berms, unco	ntrolled acces	ss at the North	Berm. rriers
T IIIS COIIC	mion was address	sed by 6/15 wit	n the placem	ent or jersey ba	irieis
		ta kajanti, kajanti grantita etikanti araja jaja pinate proposaron nekarajoren, je demonstrativa e			
* Mowing	contractor, mowi	ng completed.			
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A	uditor's Signature:				Date: <u>06/26/2</u>
	or's Printed Name:		er Spear, Jr., P.	F	<u> </u>
	ement Signature:	<del></del>	ci opeai, ji., i.	(	Date:
	ent Printed Name:				
Managene	Nanagement Title:				
N	rincipal Signature				Date:

Landfill Operations Audit Form

Page 4 of 6

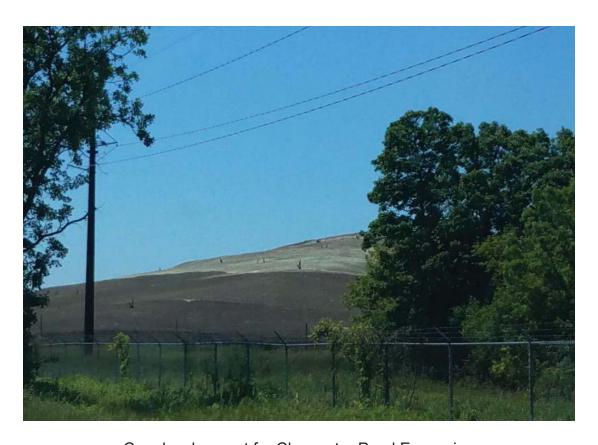
# WMWI – METRO LANDFILL SITE MAP





## 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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)

DAT	T NO. 1036.10056	2020			TIN	ME 2.2	o DM
DA	E <u>June 25</u> Auditor on site at:	, <u>2020</u> Open		Close		ΛΕ <u>3:3</u>	O PIVI
PREVIOL	JS DATE: <u>Jur</u>	ne 12, 2020	)	_Comple	ted $f X$	5 15 N	/D∐
WEATHEI	R_Clear, sunny and dr	y			WII	<u>5 - 15 N</u> ND N	
		82 °F	_	61_	<u>°F</u> B	.P	29.99
MAJOR No.	EQUIPMENT USED IN L. DESCRIPTION	ANDFILL OF Rented	PERATIONS  Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
2	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
MAJOR E	L Quipment Boneyard						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenanc
1	836 Compactor	X					
Wo	Face Size and Locating face in Phase 2 se 1. Waste being proceeding proceeding procedure.	la , in cent			pelow tipper	placed in c	center of
	other working faces						

Page 1 of 6

Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES X NO  # 1  Turbines in Operation: YES X NO  # 1  Engines in Operation: YES X NO  # 3  Shutdowns Since Last Audit: # None  Destructed Volume: # 2,700 cfm  Comments:  No shutdowns, gas generation and destruction consistent  volume restored to expected value		over Material: Soils being tipped	during	operatio	ns and stoo	ckpiled fr	om previ	ous tipping	
Flares in Operation: YES NO # 1 Turbines in Operation: YES NO # 1 Engines in Operation: YES NO # 1 Engines in Operation: YES NO # 3 Shutdowns Since Last Audit: # None Destructed Volume: # 2,700 cfm  Comments: No shutdowns, gas generation and destruction consistent  volume restored to expected value  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:  Visible basins have plenty of freeboard, and are draining from events  Erosion repairs are completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:									
Flares in Operation: YES NO # 1 Turbines in Operation: YES NO # 1 Engines in Operation: YES NO # 1 Engines in Operation: YES NO # 3 Shutdowns Since Last Audit: # None Destructed Volume: # 2,700 cfm  Comments:  No shutdowns, gas generation and destruction consistent  volume restored to expected value  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:  Visible basins have plenty of freeboard, and are draining from events  Erosion repairs are completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	 . Ga	as Monitoring and Ma	nageme	ent: Che	ck appropr	iate box.			
Engines in Operation: YES NO						1			
Shutdowns Since Last Audit: # None Destructed Volume: # 2,700 cfm  Comments:  No shutdowns, gas generation and destruction consistent  volume restored to expected value  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:  Visible basins have plenty of freeboard, and are draining from events  Erosion repairs are completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Tui	rbines in Operation: '	YES X	NO 🗌	#	1			
Destructed Volume: # 2,700 cfm  Comments:  No shutdowns, gas generation and destruction consistent  volume restored to expected value  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:  Visible basins have plenty of freeboard, and are draining from events  Erosion repairs are completed  Odor Control: Odors Present: Onsite    Offsite    Notes on odor monitoring page Comments:	En	gines in Operation: '	yes X	NO $\square$	#	3			
Comments:  No shutdowns, gas generation and destruction consistent  volume restored to expected value  Surface Water Management:  Storm Events Since Last Audit: # 2	Sh	nutdowns Since Last Au	udit:	#	None				
No shutdowns, gas generation and destruction consistent  volume restored to expected value  Surface Water Management: Storm Events Since Last Audit: # 2	De	estructed Volume:		# 2,70	0	cfm			
Visible basins have plenty of freeboard, and are draining from events  Erosion repairs are completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	EF	volume restored to	expecte ent:	ed value Storm Ev	vents Since L	ast Audit:	# 2		~2"
Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	wa 			y of freel	board, and	are drain	ning from	events	
Odors Present: Onsite Offsite Notes on odor monitoring page Comments:		Erosion repairs a	re comp	oleted					
No odors on or off site	O	dors Present: [omments:			Offsite		Notes on	odor monitoring	page [
		No odors on or off	site						
Liquid Loads Recieved:	Lic	quid Loads Recieved:							
Sporadic receipt of liquid loads	_	Sporadic receipt of 1	liguid la	nade					

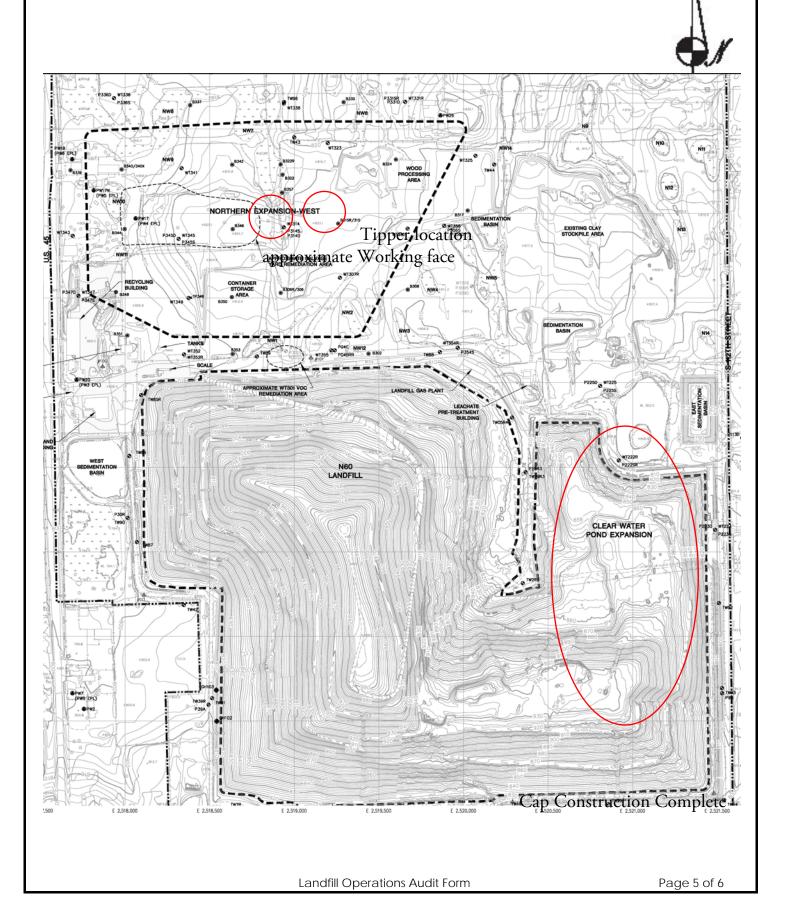
G	Litter Control:					
Ο.	Litter Present Onsite:	YES X	NO $\square$			
			_			
	Litter Present Offsite:	YES VES		2		
	Pickers Active:	YES X	NO	# 2		
	Comments:					
	Litter minimal on s	<u>site and r</u>	<u>10 litter c</u>	off site		
Н.	Vehicle Impacts: Locat taken, instances of trucks o  US 45 and 8 Mile	n County ro	oads.		n of acce	ss and public roads and control measures
I.	Inspection of incoming	ı Waste:				
	Scale Camera Operator:	YES X	NO 🗌	#	1	
	Equipment Operator:	YES X	NO $\square$	#	6	
	Spotter:	YES T	NO X	#	0	
	·		6/6/2	-		
	Random Load Inspection Date	<del>3</del> 5.	1			
	Average Tonnage:		4,50	0 TPD		I
	Comments:	ICIVI OC	- D	, 1	1 11	1 :1
	Site is receiving N	<u> 18W, C8</u>	XD, spec	ial waste, an	<u>id small</u>	volume soils
J.	Rejected Loads:					
	Date/Time			Re	ason fo	r Rejection
	1.	N	one			
	2.					
K.	Residential Drop Off:	Open Du	uring Aud	lit 🗓		
	Site very busy dur	<u>ing audit</u>	. Boxes	<u>roughly half</u>	filled.	Boxes now being emptied daily
				- ·		
			Landf	ill Operations A	udit Form	Page 3 of 6

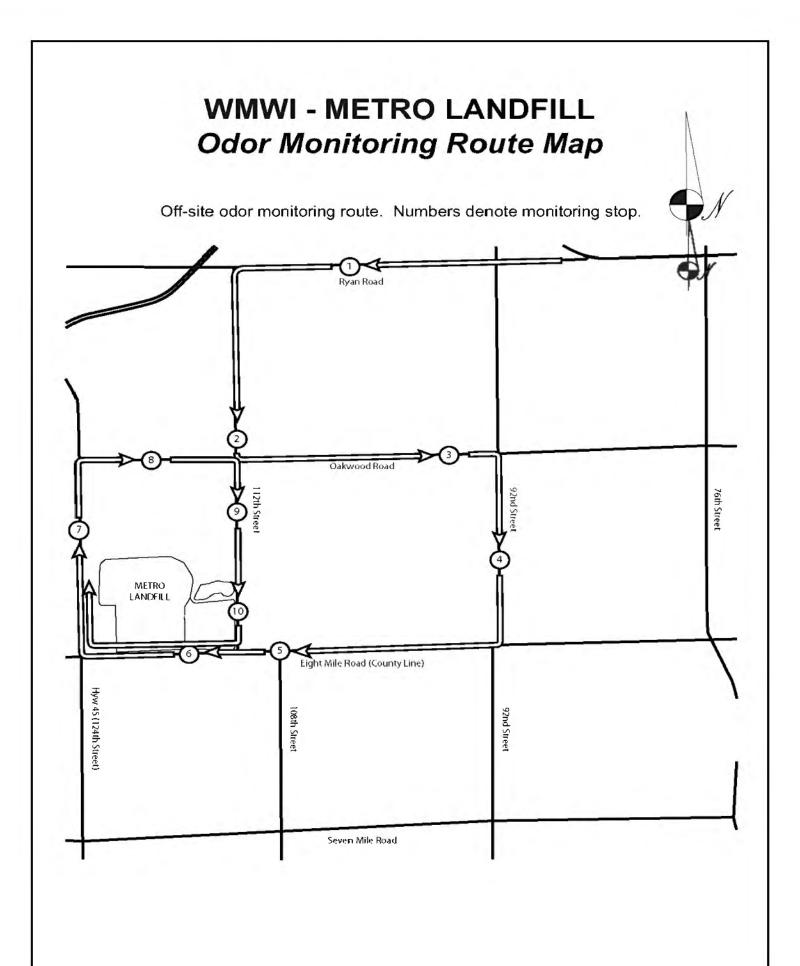
* Contractor is excavating new temp sed basin at base of North b	erm
* Excavation for Phase 2B completer, liner deployment expected	
* Structural berms at North and South completed	
* Clearwater Pond Expansion Cap now complete and greening u	p quickly
Cical water Fond Expansion Cap now complete and greening d	p quiekly
	· · · · · · · · · · · · · · · · · · ·
Auditor's Signature:	Date: <u>06/26/20</u> 2
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.	
	Date: <u>06/26/202</u> Date:
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.  Management Signature:	

Landfill Operations Audit Form

Page 4 of 6

#### WMWI – METRO LANDFILL SITE MAP





## 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



July



### **Metro Recycling and Disposal Facility Audit Summary**

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

**FROM:** 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)

DA	TE July 9.	2020			TIM	E1:1	5 PM
	Auditor on site al:	Open	П	Close			
	DUS DATEjur				10 -		varying direc
VEATH	ER Rain during Audit.	Sunny and o	lry prior		WINE	) N	S E Ø
TEA	AP Maximum	01 0	Minimum	60	°F B.F	,	20.01
	, salentigen	-71		02			27.31
OLAN	R EQUIPMENT USED IN L	ANDFILL OF	PERATIONS				
٧٥.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compoctor						
- 5	Dozer						
	Excavator						
	Haul Truck						
	Water iruck						
			7				
MAJOR	EQUIPMENT BONEYARD						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
						-1	
Workin	g Face Size and Locati	ion:					
3377	orking face in center of	of Phase 2	A. Waste be	ing pus	hed down from		
- 17	nter of Phase 1						

Page | 616

Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES NO H 1  Turbines in Operation: YES NO H 1  Engines in Operation: YES NO H 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.  Surface Waler 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 conlact localions:  Heavy rains in week previous to Audit. Site crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:		appea	in	Phase	e 2.A	to stock	cpile fo	or cover						
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES NO # 1  Turbines in Operation: YES NO # 1  Engines in Operation: YES NO # 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.  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 crossion minimal  Clearwater Pond cap construction completed  Odor Control:  Odors Present: Onsite Onsite Notes on odor monitoring page Comments:			_					-						
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES NO H I I  Turbines in Operation: YES NO H J S  Engines in Operation: YES NO H J S  Engines in Operation: YES NO H J S  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.  Surface Water Management: Storm Events Since Last Audit: # 2 Est. Volume 2  EFFECTS: Note condition of perimeter road, erasion control structures, erosion damage and possible storm water/waste contact localions:  Heavy rains in week previous to Audit. Site crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Leachate Manageme													
Flares in Operation: YES NO # 1  Turbines in Operation: YES NO # 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.  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 crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Discharge to MMSD	5	X]											
Flares in Operation: YES NO # 1  Turbines in Operation: YES NO # 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.  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 crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:			_	-					-					
Flares in Operation: YES NO # 1  Turbines in Operation: YES NO # 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.  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 crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:					7.	-				-		-		
Turbines in Operation: YES NO # 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.  Surface Waler 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 crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Gas Monitoring and M	1anage	eme	nt: C	Chec	ck approj	oriate l	box.						
Engines in Operation: YES NO	Flares in Operation:		X	NO		#		1						
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.  Surface Waler 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 crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite   Offsite  Notes on odor monitoring page Comments:	Turbines in Operation:	_		NO		#								
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Turbine plant shut down from 7/8 to 7/10/2020 due to electrical issues  No other shut downs. Gas volume destruction down.  Surface Waler Management: Storm Events Since Last Audit: # 2	Destructed Volume:			# 2	00,2	0	cfn	n						
Heavy rains in week previous to Audit. Site crossion minimal  Clearwater Pond cap construction completed  Odor Control: Odors Present: Onsite    Offsite    Notes on odor monitoring page  Comments:			-											
Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Surface Waler Manager EFFECTS: Note condition	of perim	nele											-2
Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Surface Waler Manager EFFECTS: Note condition water/waste cantact loca	of perim itions:		road	l, ero	sion contro	l structu	res, erosio	n dam	oge				
Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Surface Waler Manager EFFECTS: Note condition water/waste contact loca Heavy rains in	of perim itions: week p	теч	road rious	to A	sion contro Audir. Si	l structu re eros	res, erosio	n dam	oge				
Odors Present: Onsite Offsite Notes on odor monitoring page Comments:	Surface Waler Manager EFFECTS: Note condition water/waste contact loca Heavy rains in	of perim itions: week p	теч	road rious	to A	sion contro Audir. Si	l structu re eros	res, erosio	n dam	oge				
Comments:	Surface Waler Manager  EFFECTS: Note condition water/waste contact loca  Heavy rains in  Clearwater Por	of perim itions: week p	теч	road rious	to A	sion contro Audir. Si	l structu re eros	res, erosio	n dam	oge				
	Surface Waler Manager EFFECTS: Note condition water/waste contact loca Heavy rains in Clearwater Por	of perim tions: week p	con	road rious	to A	sion contro Audit. Si n comple	l structu re eros	res, erosion	n dam	oge	and ;	oossible	storm	
No off site odors detected, garbage odors were recorded on site; down wind of active ar	Surface Waler Manager EFFECTS: Note condition water/waste confact local Heavy rains in Clearwater Por Odor Control: Odors Present; Comments:	of perimitions: week paid cap of	con	rious	to A	sion contro  Audit. Si  comple	te cros	res, erosion mi	n dam	oge	ond ;	oossible	storm	nge
Liquid Loads Recieved;	Surface Waler Manager EFFECTS: Note condition water/waste confact local Heavy rains in Clearwater Por Odor Control: Odors Present: Comments:	of perimitions: week paid cap of	con	rious	to A	sion contro  Audit. Si  comple	te cros	res, erosion mi	n dam	oge	ond ;	oossible	storm	nge

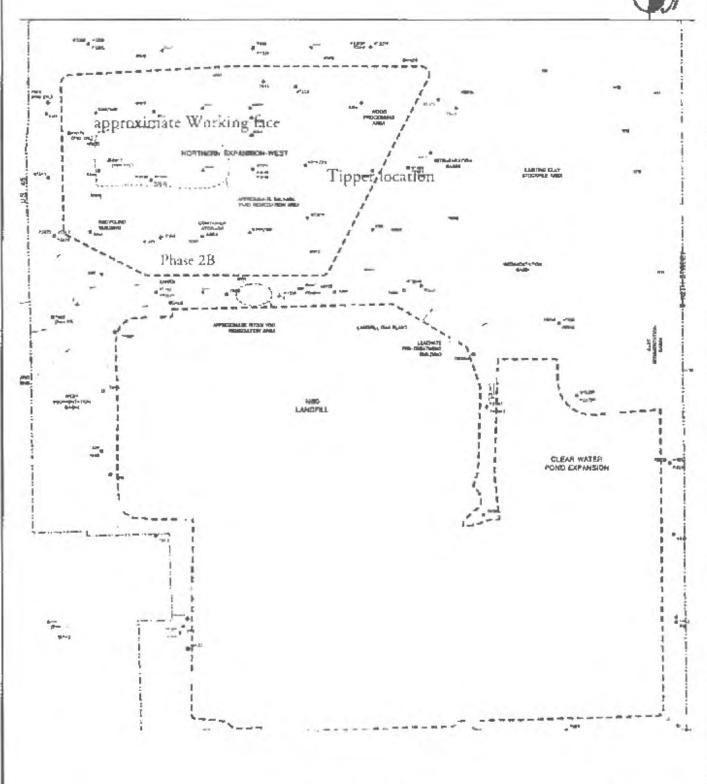
itter Present Onsite:	YES X NO	
Litter Present Offsite:	YES NO X	
Pickers Active:	YES 🖾 NO 🗍 # 3	
Comments:	i.	
Litter minimal on	sire, pickers active about North Expansion West (NFW)	
No off site litter		
Vehicle Impacts: Local taken, instances of trucks of	ations of excessive mud/dust, condition of access and public roads and con on County roods.	itrol measures
US 45 and 8 Mile	e Road dusty and dry, turn lanes have debris	
Site roads restore		
Site roads restore.	1,0	
Inspection of Incoming	a Waste:	
Scale Comera Operator:	YES X NO  # 1	
Equipment Operator:	YES X NO  # 5	
Spoller	YES NO K #	
Random Load Inspection Da		
Average Tonnage	2,250 TPD	
Comments:		
Site is receiving N	1SW and C&D	
Rejected Loads:		
Date/Time	Reason for Rejection	114
1.	None	
2.		
Residential Drop Off:	Open During Audit	
Site very busy du	ring audit. Site clean and boxes being emptied during audit	
	Landili Operations Audit Form	Page 3 of
	LODGIN COGROTION AUGIL FORM	FUGE 5 OF

* Excavation completed at en	d of June	
* Liner deployment complete	d on July 12, 2020	
+- Leachate collection system of	tonstruction for Phase 2B of North E	xpansion West (NEW)
to begin next		
	(10)	/
Auditor's Signature:	1 Pund	Date: _ <u>07/20/2</u> (
Auditor's Printed Name:	Jo-Walter Spear, Jr., P.E.	
Management Signature:	TODER THORSE	Date:
Management Title:	1 on	Dale:
"32 Linchai signatore"		Oute.

#### WMWI – METRO LANDFILL SITE MAP



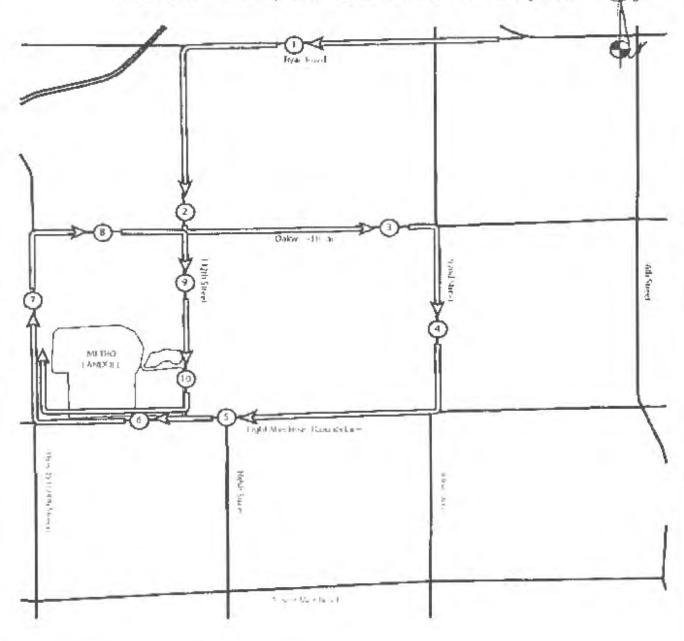
Page 5 of 6



Landbil Operations Audit Form

## 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)

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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)

## WMWI - METRO LANDFILL

DA	Auditor on site at:	2020 Open		Close	TIM	Œ11:	32 PM
							15 MPH
	ER <u>Sun w/clouds, same</u> AP Maximum	overcast con			ΨF B.		s ⊜ w 30.11
MAJOE No.	DESCRIPTION	_	-	No.	December 1	Jan 1991	la vivi
1	Irailer Tipper	Rented	Contracted	NQ,	DESCRIPTION	Rented	Contracted
2	Compactor			-			+
1	Dozer						
-	Excavator						
	Houl Truck					+	-
	Water Truck						
MAJOR	EQUIPMENT BONEYARD						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenand
					-		
W	g Face Size and Locati orking face in middle aste being pushed dov	of Phase 2			facing North		
N	o other working faces	12.2					
	-						

Soils previously ti	ipped in	Phase	c 2A	to stock	pile fo	or cover				
Leachate Managemer	nt:									
Discharge to MMSD	X	_								
			21	V Noteva						
Gas Monitoring and Mo Flares in Operation:	YES X		rnec	k approp	oriate i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	YES X		片	#	_	1				
				#		3				
Shutdowns Since Last A		#	1	TT.		-				
Destructed Volume:	voun.	_	NA.		cfn	2				
Manager was not										
Gas extraction has	s been of	Store	ng si	moothly ents Since	with 1	po shutdo	owns :	since la	ist audit olume	-1"
Manager was not Gas extraction has Surface Water Manager	nent: of perimelions:	Stori er road	ng si m Eve	moothly ents Since sion control	with 1 Last A I structu	po shutdo	owns :	since la	ist audit olume	-1"
Manager was not  Gas extraction has  Surface Water Managem  EFFECTS: Note condition of water/waste contact local	s been of nent: of perimetions:	Stori er road	ng si m Eve	moothly ents Since sion control	with 1 Last A I structu	po shutdo	owns :	since la	ist audit olume	-1"
Manager was not  Gas extraction has  Surface Water Managem  EFFECTS: Note condition of water/waste contact local  Basins clean and  No new crosion  Odor Control: Odors Present:	s been of nent: of perimetions:	Stori er road	ng si m Eve d, eros	moothly ents Since sion control	with 1 Last A I structu	udit: # 2	dama	Est. V ge and	ist audit olume	orm
Manager was not  Gas extraction has  Surface Water Managem  EFFECTS: Note condition of water/waste contact local and  No new erosion  Odor Control:	s been of nent: of perimetrions: drainin	Stori er road	m Eve	ents Since sion control of free be	Last A I structu	udit: # 2	dama	Est. V ge and	olume possible st	1" orm

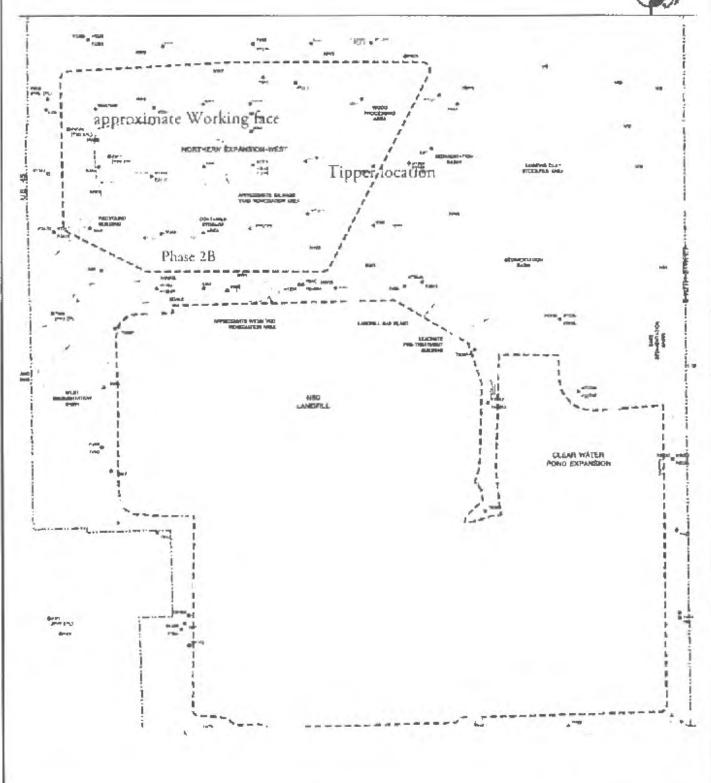
Litter I	Present Onsite:	YES 2	NO [									
Litter I	resent Offsite:	YES [										
Picker	s Active:	YES 2	ON [	] #	2							
Comr	nents:											
Pic	kers relocating	litter fer	cing fro	m Cles	ar Wate	r Pon	d re	o No	erh Ev	nancion	West	
			5			LALKELI		V. CAL	1111	Tra Links	VY I AI	
No	off site litter											
Vehic	le Impacts: Loca	ations of ex	cessive mu	d/dust.	condition	of acc	cess	and p	ublic roc	ads and a	ontrol meas	ures
laken,	instances of trucks	on County	roods.					7				
U	S 45 and 8 Mile	e Road o	lean. No	w pave	ed road	clean						
	npaved site road			Part	- LEWE							
	inpared site toat	42 Portio	ica									
				-						_		-
Inche	ction of incoming	a Waste										
	Camera Operator:	YES X			#	1						
_	ent Operator:	YES X			#	6	-					
Spotler		YES T	NO X		#	U	-					
	n Load Inspection Da			8/202	**		+					
		les.	_			_	+					
Average	e Tonnage		4.1	00 TP	<u>D</u>		_					
C+	and a second											
Comn			011	1 44	-		_				_	
	e is receiving N	ISW, cle	an fill, ar	nd C&	(D)							
B	Gordon St.											
Kejec	ted Loads:				-							
	Date/Time		02.		Re	neza	or k	Rejec	tion			
1,		1	None				_					
2.												- 10
Resid	dential Drop Off:	Open	During Au	dit								
Si	te closed, clean,	and bo	xes being	empti	ied dur	ing th	e da	ay				
			· ·			0		1				
			Land	fill One	rations A	udit For	m				Page	3 of 6

<ul> <li>New Berlin Evcavation placing leachate collection system, s</li> </ul>	tane
Mueller Construction installing side slope risers for North	Expansion West (NEW)
hase 2B	
	'
	<u> </u>
	7
$\langle AA \rangle \langle A$	
Auditor's Signature:	Date: <u>07/23/20</u>
Auditor's Printed Name:	Date: 7/3
Management Printed Name: Thorse	Dule.
Management Title:	
JSA Prîncipal Signature	Date:

#### WMWI – METRO LANDFILL SITE MAP

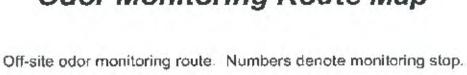


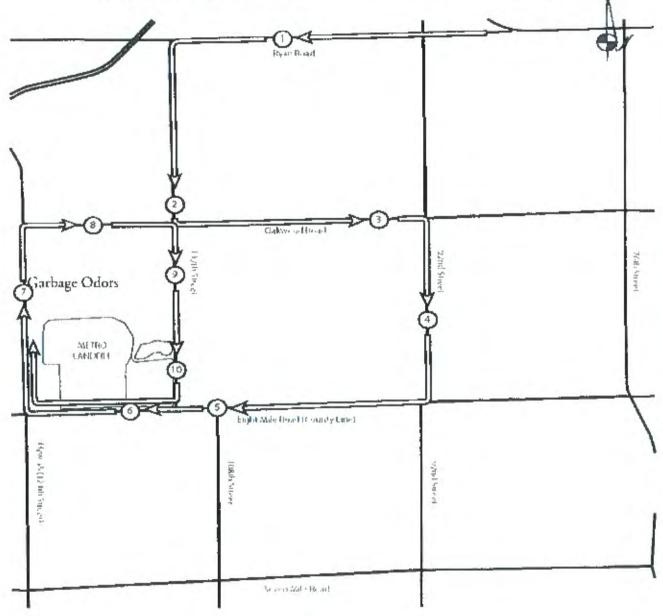
Page 5 of 6



Landfill Operations Audit Form







#### 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# August



#### Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

**FROM:** 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)

#### WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE August 13, 2020 Auditor on site at: Open 1:02 PM Close July 23, 2020 Completed PREVIOUS DATE: WEATHER Sunny, Clear, very dry TEMP Maximum \_\_\_\_64 \_\_\_\*F 8.P.\_\_\_\_30.17 84 °F Minimum MAJOR EQUIPMENT USED IN LANDFIEL OPERATIONS Contracted DESCRIPTION Rented No. DESCRIPTION Rented Contracted Trailer Tipper Compactor Dozer Excavator 1 Haul Truck Water Fruck MAJOR EQUIPMENT BONEYARD DESCRIPTION No. DESCRIPTION Maintenance No. Broken Broken Mointenance 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

	tipped in	Phase 2A	to stocky	oile for co	ver	
Leachate Manageme	ent:					
Discharge to MMSD		l				
					-	
Gas Monlloring and V	lanaaem.	ant: Char	k aaaran	riata hay		
Flares in Operation:	YES X		#	1 1		
Turbines in Operation:	YES X	NO []	#	1		
Engines in Operation:	YES X	NO [	Ħ	3		
Shutdowns Since Last	Audil:	#				
Destructed Volume:		# 3,100	)	cfm		
Surface Water Manager EFFECTS: Note condition water/waste contact local	of perimete			cast Audit: structures, e	# Est, Valume resion damage and possible storm	n
Basins draining		eciable ne	w erasion			
-	t see rem	potary sec	basin			
Auditor can no		1 7		-		
	Onsile		Offsite		Notes on odor monitoring p	age [
Auditor can no Odor Centrol Odors Present: Comments:	Onsile	<b>8</b> ]			Notes on odor monitoring p	

Litter Pre	esent Onsite:	YES NO D	
	esent Offsite:	YES NO X	
Pickers .		YES XINO D # 2	
Comme	ents:		
Line	r minimal abo	out North Expansion West	
No	off site litter		_
Vakiala	Immenstry Lane		
	slonces of trucks of	ations of excessive muct/dust, condition of access and public roads and control meass on County roads.	res
LIS	45 and 8 Mile	e Road clean, New paved road clean but dry and dusty	
	paved site road		
Citi	paved site toat	as potnoieu	
Inspecti	ion of incoming	g Waste:	
	mera Operator:	YES XINO # L	
Equipmer	nt Operator:	YES X NO  # 5	
Spaller:		YES NO KI #	
Random L	oad Inspection Dat	tes 8/15/2020	
Average T	onnage	2,400 TPD	
Comme	ents:		
Site	is teceiving M	ASW, clean fill, and C&D	11,0
Rejecte	d Loads:		
	Date/Time	Reason for Rejection	
1.		None	
2.		n-	_
	11 mm - Aust		
Reside	ential Drop Off:	Open During Audit	
	1 1	11	
Site	closed, clean,	, and boxes mostly empty	
_		Landill Operations Audit Form Page	7 -4
		Landiii Operations Audit Form Page	201

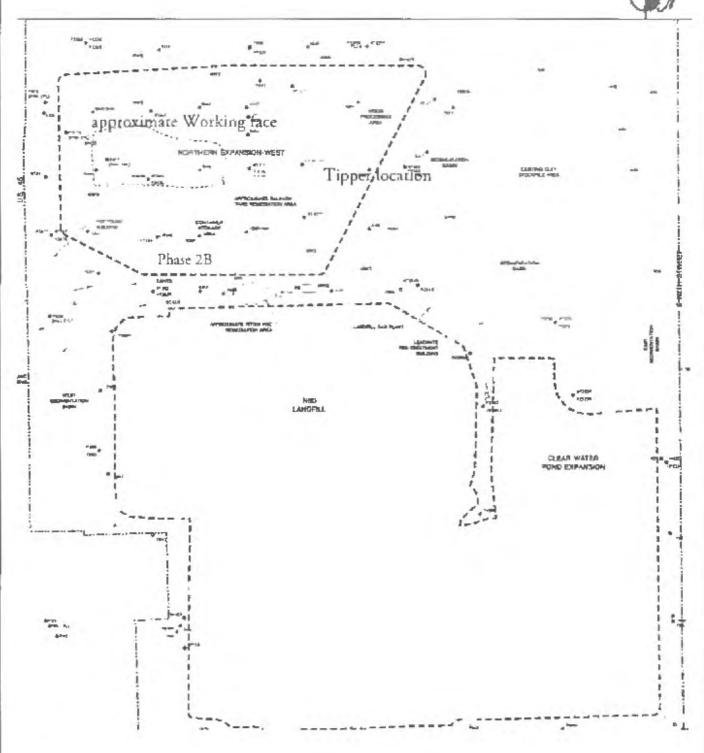
* Liner Crew repairing identified issues with new liner in Phase 2B	of North Expansion Wes
* Piping contractor installing drip legs	
	- 4
	100
	/
	1
Auditor's Signature: Auditor's Printed Name: Yo-Walter Spear, Ir., P.E.	Date: <u>08/27/20</u>
Auditor's Printed Name: Yo-Walter Spear, Jr., P.F.  Monagement Signature: 70-Walter Spear, Jr., P.F.	Date: 8/3//6
Management Printed Name: Trais Tura	
Management Title; / Dm	
JSA Principal Signature	Date:

Landfill Operations Audit Form

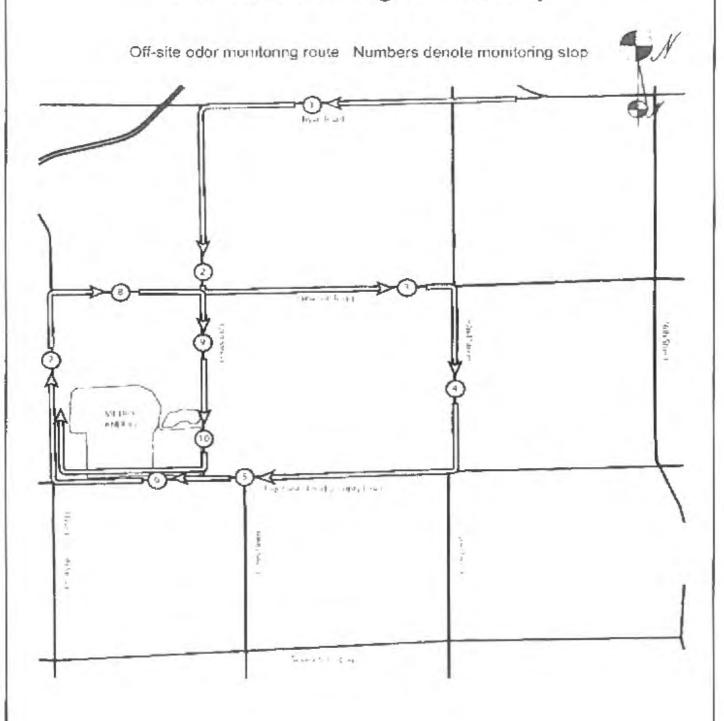
Page 4 of 6

#### WMWI – METRO LANDFILL SITE MAP





### WMWI - METRO LANDFILL Odor Monitoring Route Map



#### 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

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



Construction equipment staged outside of Active Area

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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)

#### WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE August 25, 2020 Auditor on site at: Open 1:05 PM Close PREVIOUS DATE: August 13, 2020 Completed 0 to 15 MPH WEATHER Sunny clear, earlier rain and potentially more TEMP Moximum 82 °F Minimum \_\_ 67 \_\_ °F B.P. 30.08 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS DESCRIPTION Rented Contracted No. DESCRIPTION Renled Contracted Trailer Tipper Compacter Dozer Excovator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Mointenance A. Working Face Size and Location: Working face and tipper in middle of Phase 1 of North Expansion West Waste being spread about tipper and filling in depression in Phase 1 No other working faces

Poge of 6

Soils previously t	ipped	Lin I	?has	se l s	to stockp	ile for	cover						_
				-					_			_	
Leachaie Manageme	nl:												
Discharge to MMSD		XI I											
C-14-4-1	. VEV		a la	CL		-1-1-1	J. 7						
Gas Monitoring and M. Flares in Operation:	YES	KII	_	Chec	#	Sildle	1						
Turbines in Operation	YES	B 7 3 1	NO	Ħ	#		1						
Engines in Operation:	YES		NO		#		3						
Shutdowns Since Last A	-	-	#										
Destructed Volume:			#	3.10	0	cfm	1						
Comments:  Gas extraction has	s beet	Lope	crati	ing s	monthly	with r	na shutde	wns	since	July			
Gas extraction has Surface Water Managen EFFECTS: Note condition	nenl;	[	Slor	rm Ev	ents Since	Last A	udít: [#_1		Est	. Volu		-1 m	44
Gas extraction has	nent; of perir ions;	[ meter	Slor	rm Ev	ents Since	Last A.	udít: # L res exosian	damo	Est ige ar	Volut	ble stor	m	
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local	nent; of perir lons; of the	[meter	Slor	ern Ev d, eros is nig	ents Since sion contro ht into u	Last A.	udít: # L res exosian	damo	Est ige ar	Volut	ble stor	m	
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local  Heavy rain ever	nent; of perir lons; of the	[meter	Slor	ern Ev d, eros is nig	ents Since sion contro ht into u	Last A.	udít: # L res exosian	damo	Est ige ar	Volut	ble stor	m	
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local Heavy rain ever  No evidence of	nent; of perintions; of the	[meter previona	Slor	em Ev d, ero: is nig	ents Since sion contro tht into t	Last A.	udit: # 1 res erosion orning. E	dama	Est ige or have	. Volue od possi e plen	ble stor	ree bo	parc
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local Heavy rain ever	nent; of perir lons; of the	[meter previona	Slor	em Ev d, ero: is nig	ents Since sion contro ht into u	Last A.	udit: # 1 res erosion orning. E	dama	Est ige or have	. Volue od possi e plen	ble stor	ree bo	
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local Heavy rain ever  No evidence of  Odor Control: Odors Present:	nent; of perintions; of the addit	presiona	Storrood	om Ev	ents Since sion contro ht into t	Last Au Estruction	udit: # 1 res erosion orning. E	dama	Est ige or have	Volum d possi e plen rnonit	ble star	ree bo	paro
Gas extraction has  Surface Water Managen  EFFECTS: Note condition water/waste contact local Heavy rain ever  No evidence of  Odor Control: Odors Present: Comments:	nent; of perintions; of the addit	presiona	Storrood	om Ev	ents Since sion contro ht into t	Last Au Estruction	udit: # 1 res erosion orning. E	dama	Est ige or have	Volum d possi e plen rnonit	ble star	ree bo	paro

itter Present Onsite:	YES	X	NO														
itter Present Offsite:	YES	X															
Pickers Active:	YES	XI.			Ħ	2											
Comments:									_								
Pickers active on 8	Mile	duci	ng A	udi	. Car	rdboa	ral	was	рг	res	ser)	ni 1	dir	ch lir	es on	8.M	ŀ
On site litter mini	mal																
Vehicle Impacts: Loculoken Instances of trucks of US 45 heavily tra- Site roads appears	on Cour cked a	nd d	ods. Iusty	froi	n bot	h fac							c roc	ags on	a conii	roi mea	sures
nspection of Incoming	a Masi	e:					_		_								
nspection of Incoming icale Camera Operator:	YES YES	e:	NO [	I	#			1									
	-	X	ои П Ои	3	#			1	7								
cale Camera Operator:	YES	X) i	_					6									
cale Camera Operator: equipment Operator:	YES YES YES	X) i	NO [		#			6									
cale Camera Operator: quipment Operator: spotter:	YES YES YES	X) i	NO [ NO [ 8/	27/	#			6									
cale Camera Operator: equipment Operator: spotter Random Load Inspection Dat	YES YES YES	X) i	NO [ NO [ 8/	27/	# 2020			1 6									
cale Camera Operator: equipment Operator: spotter: Random Load Inspection Dat Average Tonnage  Comments:	YES YES YES		NO [ NO [ 8/ 2.	27/ 500	# 2020 TPD			1 6									
cale Camera Operator: equipment Operator: spotter Random Load Inspection Dat Average Tonnage	YES YES YES		NO [ NO [ 8/ 2.	27/ 500	# 2020 TPD			6									
cale Camera Operator: equipment Operator: spotter: Random Load Inspection Dat Average Tonnage  Comments:	YES YES YES		NO [ NO [ 8/ 2.	27/ 500	# 2020 TPD			6									-
cale Camera Operator: equipment Operator: spotter: Random Load Inspection Dat Average Tonnage  Comments: Site is receiving 90	YES YES YES		NO [ NO [ 8/ 2.	27/ 500	# 2020 TPD	)	easc	1 6	or R	Re	ejec	ction	1				
cale Camera Operator: equipment Operator: spotter: Random Load Inspector Dat Average Tonnage  Comments: Site is receiving 98  Rejected Loads;	YES YES YES		NO [ NO [ 8/ 2,	27/ 500	# 2020 TPD	)	easc		or F	Re	ejec	ction	n				
cale Camera Operator: equipment Operator: spotter: Random Load Inspector Dat Average Tonnage  Comments: Site is receiving 98  Rejected Loads;	YES YES YES	X I	NO [ NO [ 8/ 2,	27/ 500	# 2020 TPD	)	easc		or R	Re	ejec	ction	1				
Colle Camera Operator: Equipment Operator: Spotter: Random Load Inspector Date Average Tonnage  Comments: Site is receiving 90  Rejected Loads: Date/Time	YES YES YES	X I	NO [ NO [ 8/ 2,	27/ 500	# 2020 TPD	)	easc		or R	Re	ejec	tion	n				
cale Camera Operator: equipment Operator: spotter Random Load Inspector Dat Average Tonnage  Comments: Site is receiving 9t  Rejected Loads; Date/Time  1.	YES YES YES tes	X I	NO E 8/ 2. and (	500 (38)	# #2020 TPD	)	easc		or R	Re	ejec	tion	1				
Colle Camera Operator: Equipment Operator: Spotter: Random Load Inspector Date Average Tonnage  Comments: Site is receiving 90  Rejected Loads: Date/Time	YES YES YES tes	X I	NO E 8/ 2. and (	500 (38)	# #2020 TPD	)	easc		DI F	Re	pjec	tion	1				

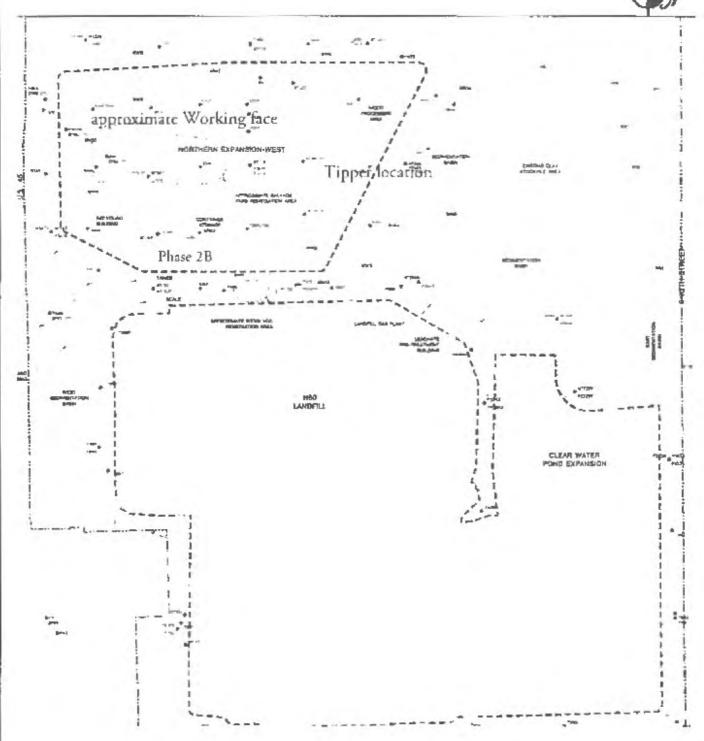
* No construction activities during audit.	
* WMWI addressed street sweeping after audit	
10	
Auditor's Signature:	Date: 08/27/2
Auditor's Printed Name: Jo-Walter Spear, Jr., P.F.	
Management Signature:	Date: 3/3/
Management Printed Name: Trans Tursu-	
JSA Principal Signature	Date:

Landfill Operations Audit Form

Page 4 of 6

#### WMWI – METRO LANDFILL SITE MAP





# WMWI - METRO LANDFILL **Odor Monitoring Route Map** Off-site odor monitoring route. Numbers denote monitoring stop Gas Odors er a law

#### 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

#### JSA CIVIL - ENVIRONMENTAL ENGINEERS



Contractor equipment staged out of the way

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



## September



#### Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

FROM: 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



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)

DATE	Septemb Auditor on site at:	oer 2, 202 Open	0	Close	TI	ME <u>1</u>	1:02 AM
PREVIOU	JS DATE: <u>Au</u>	gust 25, 20	020	Comple	ted $\overline{\mathbf{X}}$		
WEATHER	<sup>R</sup> _Sunny, very clear, ar	_				<u>5 to</u> ND N	s E Ø
TEMF	Maximum	82 °	F_Minimum	67_	<u>°F</u>	3.P	30.08
MAJO <del>R</del> I	equipment used in L	an <u>d</u> fill of	PERATIONS				
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
2	Compactor						
1	Dozer						
1	Excavator						
2	Haul Truck						
	Water Truck						
MAJOR EC	L Duipment Boneyard						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenand
Working	Face Size and Locati	on:					
Woı	<u>rking face at very No</u>	orth end of	f Phase 1 of I	North Ex	epansion We	est (NEW	)
Tip	per South of working	g face allov	wing trucks t	to tip dire	ectly and do	zer to pus	h tipper wast
Nor							
Nor							

Page 1 of 6

Soils previously tip	pped in	Phase 1	<u>to stockpil</u>	e for cov	er		
Leachate Managemen		1					
Discharge to MMSD	X						
Gas Monitoring and Ma	ınageme	ent: Che	ck appropr	iate box.	_		
Flares in Operation:	YES X	NO 🗌	#	1			
Turbines in Operation:	YES X	NO $\square$	#	1			
Engines in Operation:	yes X	NO 🗌	#	3			
Shutdowns Since Last Ai	udit:	# No	ne				
Destructed Volume:		# 3,25	4	cfm			
Surface Water Manageme			vents Since L			Est. Volume	~1"
water/waste contact location of Small, frequently	ons:				erosion dam	age and possible s	tom
No appreciable c				additt			
Odor Control: Odors Present: Comments:	Onsite	K	Offsite	X	Notes on	ı odor monitorin	g page
No odors on or off	site dur	ing audi	t				
Liquid Loads Recieved:							

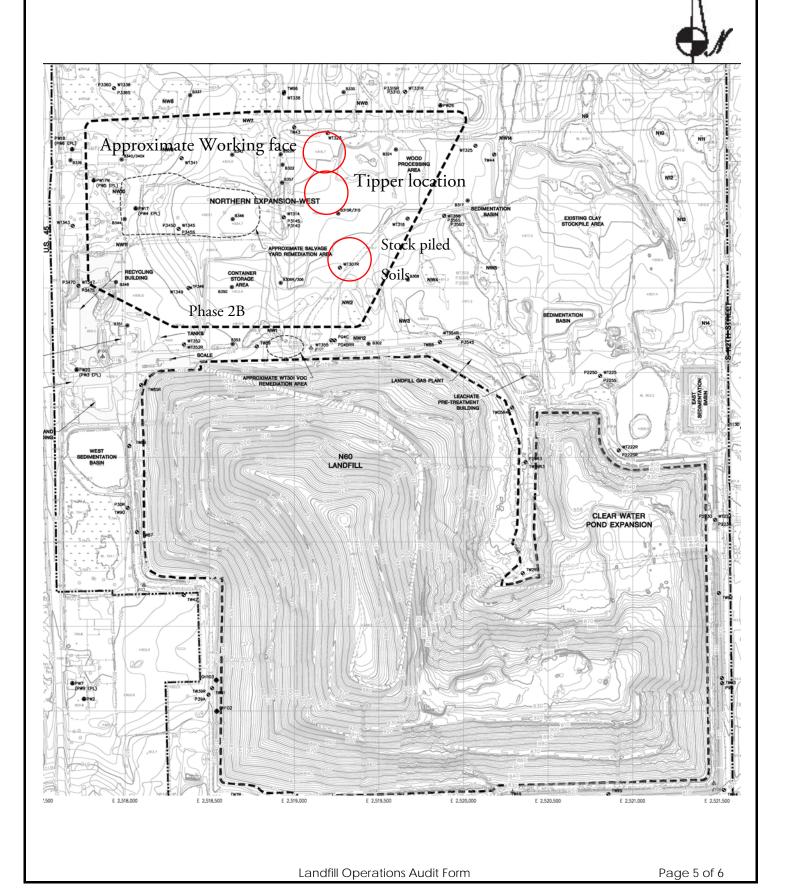
G.	G. Litter Control:	
	Litter Present Onsite: YES X NO	
	Litter Present Offsite: YES NO X	
	Pickers Active: YES X NO # 2	
	Comments:	
	Litter in left turn lane for entrance	
	No other litter off site	
Н.	H. Vehicle Impacts: Locations of excessive mud/dust, condition of access and taken, instances of trucks on County roads.	
	US 45 very dusty at entrance, tracking from Recycling opera	ution to the Left/North
	of entrance.	
	Site roads mildly dusty	
l.	Inspection of incoming Waste:	
	Scale Camera Operator: YES X NO # 1	
	Equipment Operator: YES X NO  # 6	
	Spotter: YES NO X #	
	Random Load Inspection Dates: 8/28/2020	
	Average Tonnage: 2,240 TPD	
	Comments:	
	Site is receiving almost all MSW	
J.	J. Rejected Loads:	
J.	Date/Time Reason for Reje	ction
	1. None	CHOTT
	2. None	
K.	K. Residential Drop Off: Open During Audit	
	Site very busy during audit, boxes actively being emptied,, a	nd site was recently mowed
	Leadell Occasion Activity	D 2 -6/
	Landfill Operations Audit Form	Page 3 of 6

The state of the s	I is committed to using
a contract sweeper three days per week	
* Haul trucks active about site moving cover from stockpile in Southern I	NEW to working face at Northern
end.	NE w to working face at Profiticin
ciid.	
	*
Property of the second	
	Date: <u>09/02/20</u>
Auditor's Signature:	,
Auditor's Printed Name: Yo-Walter Spear, Ir., P.F.	Date: 10/7/2
Auditor's Printed Name:	Date: 10/7/20
Auditor's Printed Name: Yo-Walter Spear, Ir., P.F.	Date: 10/7/2

Landfill Operations Audit Form

Page 4 of 6

### WMWI – METRO LANDFILL SITE MAP



# WMWI - METRO LANDFILL **Odor Monitoring Route Map** Off-site odor monitoring route. Numbers denote monitoring stop. Oakwood Road METRO LANDFILL Eight Mile Road (County Line) Hyw 45 (124th Street)

No Odors

Seven Mile Road

#### 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 traffice across North Expansion West



South edge of North Expansion West

#### **WMWI - METRO LANDFILL**

## Action Items Checklist City of Franklin Audit

Opened: 12/02/2015 Updated:

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#### 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



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)

DAT	E <u>Septeml</u> Auditor on site at:	oer 15, 202 Open	20	Close	TIM	1E <u>10:</u>	55 AM
PREVIO	JS DATE: <u>Ser</u>	otember 2,	2020	Comple	ted $f X$		
WEATHE	R <u>Clear, Sunny,</u> and D				WIN		0 15 MPH 0 E 0
	P Maximum	79 °	<del>-</del>	57_	<u>°F</u> B.	P	30.25
MAJO <del>R</del> No.	EQUIPMENT USED IN LA	ANDFILL OF	PERATIONS  Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper	Kented	Contracted	110.	DESCRIPTION	Kerited	Contracted
2	Compactor						
1	Dozer						
1	Excavator		1				
1	Haul Truck		1				
	Water Truck		1				
MAJOR E	L Quipment Boneyard						
Vo.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenan
۰ ا - ا - ا	. F C'						
	Face Size and Locati		CDI 1 C	XT .1 T	• 1777	. (NIEWY)	
	rking face at very No				-		.•
	per South of working						
190	rth. The working fac	ce is below	the mean gr	ade of P	nase 1 and co	uid not be	e seen direc
Na	other working faces						
	OTHEL WOLKING TACES						

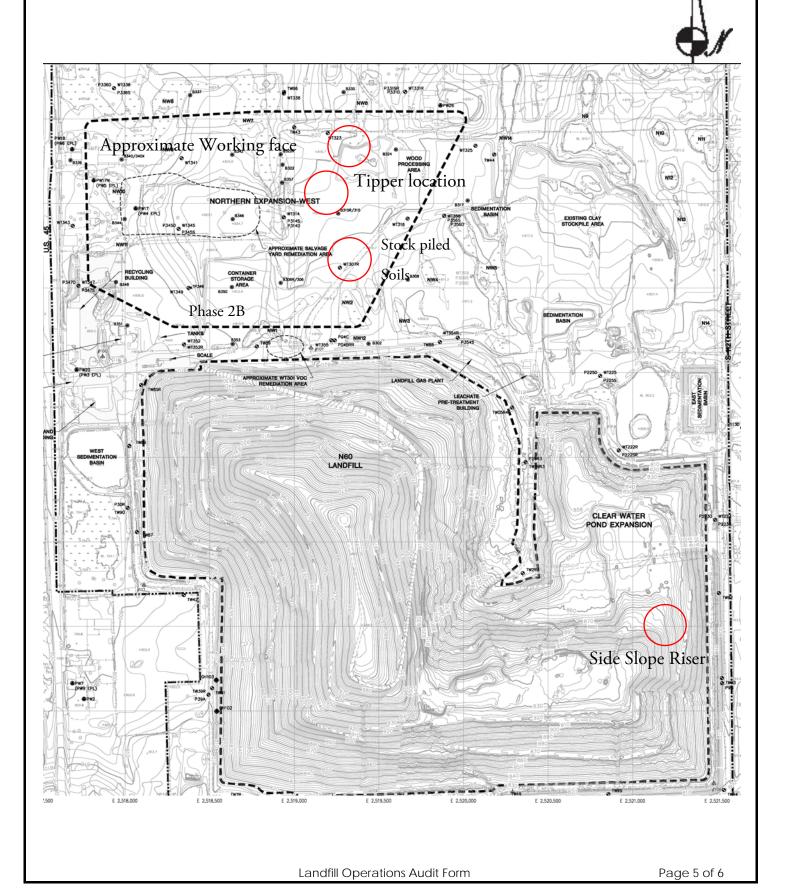
Page 1 of 6

	Cover Material: Soils previously tipped in Phase 1 to stockpile for cover							
	Leachate Management:  Discharge to MMSD							
<b>)</b> .	Gas Monitoring and Management: Check appropriate box.							
	Flares in Operation: YES X NO  # 1							
	Turbines in Operation: YES X NO  # 1							
	Engines in Operation: YES X NO  # 3							
	Shutdowns Since Last Audit: # One							
	Destructed Volume: # 3,000 cfm							
).	until new auto-igniter is delivered  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							
	Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:							
	No odors on or off site during audit							
	Liquid Loads Recieved:							
	One to Two loads being received daily							
	Page 2 of 6							

G	Litter Control:	
	Litter Present Onsite: YES X NO	
	Litter Present Offsite: YES NO X	
	Pickers Active: YES X NO # 2	
	Comments:	
	Litter about site appears minimal	
	No litter off site	
Н.	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	
l.	Inspection of incoming Waste:	
	Scale Camera Operator: YES NO # 1	
	Equipment Operator: YES NO # 5	
	Spotter: YES NO X #	
	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:	
٥.	Date/Time Reason for Rejection	
	1. None	$\dashv$
	2. None	-
K.	Residential Drop Off: Open During Audit	
	Site clean, boxes being emptied during operational hours	
	Landfill Operations Audit Form Page 3 of	6

* Since the previous audit, slope and erosion repairs were conduct	ted on the North and West
slope of the Clear Water Expansion	
* Site manager and contractors replacing transducer in side slope riser on Clo	ear Water Pand Expansion Fact
slope during audit	ear water roud expansion casi
stope during addit	
	*
	and the second section of the second second section is a second s
Auditor's Signature:	A Data: 00/15/06
Auditor's Signature:  Auditor's Printed Name:  Yo-Walter Spear, Jr., P.E.	Date: <u>09/15/2(</u>
Management Signature:	Date: 10/7/202
Management Printed Name:  Management Title:  Travis Thorson	
Management Title: / Travis Thorson  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. Oakwood Road METRO LANDFILL Eight Mile Road (County Line) Hyw 45 (124th Street)

No Odors

Seven Mile Road

#### 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)

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



## October



#### Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

**FROM:** 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 neededd
  - 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)

	October Auditor on site at:	r 9, 2020 Open		Close	TIM	1E <u>12:</u>	10 PM
PREVIOU			5, 2020	_Comple			o 35 MPH
VEATHER	Sunny, high clouds,	dry			WIN	D N	<b>⑤</b> E W
TEMF	Maximum	79 °	F_Minimum	61	<u>°F</u> B.	P	29.92
MA IOB I	EQUIPMENT USED IN L	ANDFILL OF	PERATIONS				
Vo.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper						
1	Compactor						
2	Dozer						
1	Excavator						
1	Haul Truck						
	Water Truck						
MAJOR EC	L Duipment Boneyard						
Vo.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenand
	- 0						
	Face Size and Locati		CNI 1 D	•	W (NICAW)	1 1	1 . 1
	rking face in center o		of North Ex	pansion	West (NEW)	, phase ha	is completel
Croot	ted above landfill foo	otprint.					
CIESI							
CIESI							

Page 1 of 6

Leachate Management: Discharge to MMSD	Cover Material:  Working face very broad, being covered by previously tipped soils
Flares in Operation: YES NO	
Turbines in Operation: YES NO	Sas Monitoring and Management: Check appropriate box.
Engines in Operation: YES NO	ares in Operation: YES X NO  # 1
Shutdowns Since Last Audit: # Destructed Volume: # 3,100 cfm  Comments:  No shutdowns since previous Audit.  Gas extraction has been operating smoothly  Surface Water Management: Storm Events Since Last Audit: # 1 Est. Volume1"  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  Odor Control: Odors Present: Onsite	
Comments:  No shutdowns since previous Audit.  Gas extraction has been operating smoothly  Surface Water Management:  Storm Events Since Last Audit: # 1	
Comments:  No shutdowns since previous Audit.  Gas extraction has been operating smoothly  Surface Water Management:  Storm Events Since Last Audit: # 1	
No shutdowns since previous Audit.  Gas extraction has been operating smoothly  Surface Water Management: Storm Events Since Last Audit: # 1	estructed Volume: # 3,100 cfm
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  Odor Control: Odors Present: Onsite Offsite No tes on odor monitoring page  Comments: No odors on or off site  Liquid Loads Recieved:	•
Water/waste contact locations:  Basins draining no appreciable new erosion  Auditor can not see temporary sed basin  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:  No odors on or off site  Liquid Loads Recieved:	urface Water Management: Storm Events Since Last Audit: # 1 Est. Volume ~1"
Auditor can not see temporary sed basin  Odor Control: Odors Present: Onsite Onsite Offsite No odors on or off site  Liquid Loads Recieved:	
Odor Control: Odors Present: Onsite Offsite No dors on or off site  Liquid Loads Recieved:	Basins draining no appreciable new erosion
Odors Present: Onsite Offsite Notes on odor monitoring page Comments:  No odors on or off site  Liquid Loads Recieved:	Auditor can not see temporary sed basin
Liquid Loads Recieved:	Odors Present:  Onsite  Offsite  Notes on odor monitoring page
	No odors on or off site
Approximately and to three loads per day	quid Loads Recieved:
	Approximately one to three loads per day

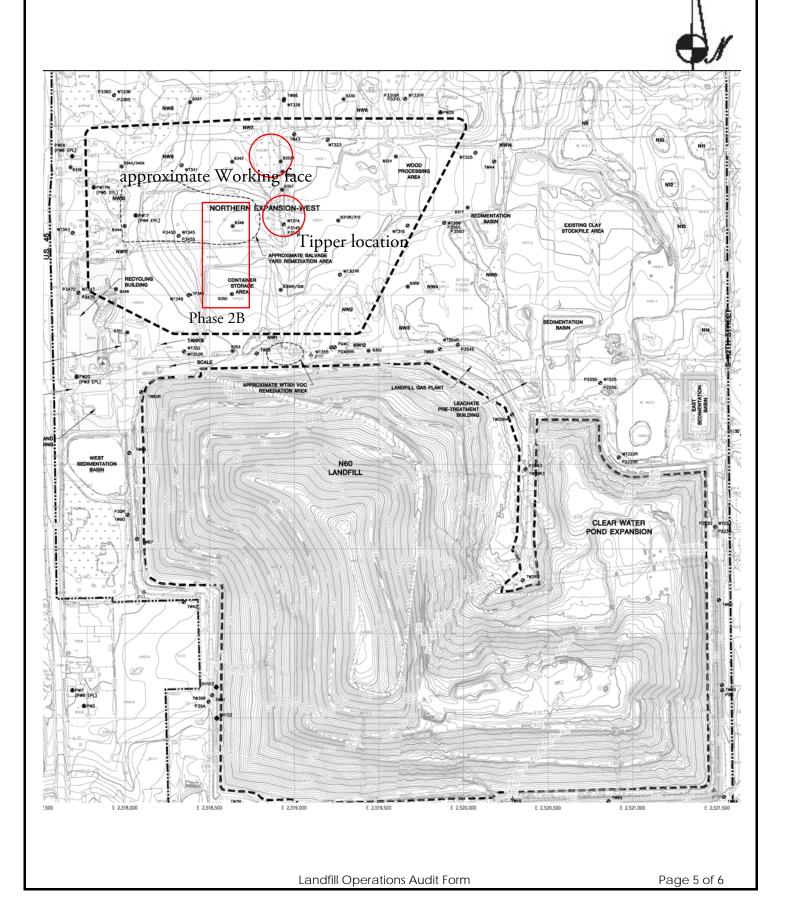
G.	Litter Control:	
	Litter Present Onsite: YES X NO	
	Litter Present Offsite: YES NO X	
	Pickers Active: YES $\overline{X}$ NO $\Box$ # 2	
	Comments:	_
	Litter minimal about North Expansion West, even with high winds	-
	No off site litter	-
H.	Vehicle Impacts: Locations of excessive mud/dust, condition 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	-
l.	Inspection of incoming Waste:  Scale Camera Operator: YES X NO  # 1  Equipment Operator: YES X NO  # 5	-
	Spotter: YES NO X #	
	Random Load Inspection Dates: NA	
	Average Tonnage: 2,400 TPD	
	2,100 11 12	
	Comments:	
	Site is receiving MSW and C&D	-
		-
J.	Rejected Loads:	
	Date/Time Reason for Rejection	Ī
	1. None	1
	2.	1
		1
K.	Residential Drop Off: Open During Audit	
	<u> </u>	
	Site very active, boxes filling during audit. Site being cleaned by operator	-
	one for active, boxes iming during additional office being electrical by operation	-
	Landfill Operations Audit Form Page 3 of 6	-

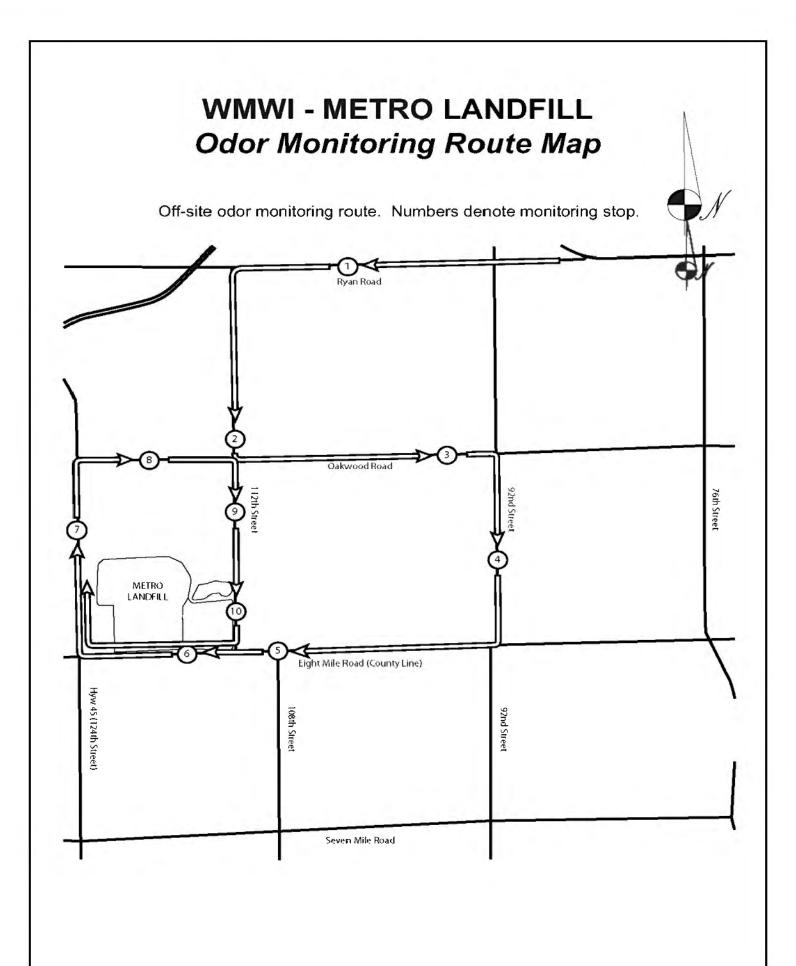
	iting approval by the DNR
* Soil stockpiles to be seeded this month to maintain condition	ons and prevent erosion
	· · · · · · · · · · · · · · · · · · ·
<u> </u>	·
Auditor's Signature:	Doto: 10/10/20
Auditor's Signature:  Auditor's Printed Name:  Auditor's Printed Name:	Date: 10/12/20
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.	
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.  Management Signature:	Date:
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.	Date:
Auditor's Printed Name: Yo-Walter Spear, Jr., P.E.  Management Signature:  Management Printed Name:	Date:

Landfill Operations Audit Form

Page 4 of 6

# WMWI – METRO LANDFILL SITE MAP





# 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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



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)

#### WMWI - MFTRO LANDFILL ANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036,10056 DATE October 21, 2020 11:10 AM Auditor on site at: Open Close PREVIOUS DATE: October 9, 2020 Completed 0 - 10 MPH WEATHER Over cast with sun, very dry 51 \* Minimum 42. °F BP. 30.18 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS Renled DESCRIPTION No. DESCRIPTION Rented Contracted Trailer Tipper Compactor XX 2 Dozer XX 1 Excavator Hool Truck Waler Iruck MAJOR EQUIPMENT BONEYARD DESCRIPTION Maintenance No. Broken Mointenance No. DESCRIPTION Broken 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

Page I of 6

Cover provided	from pre	viously rip	ped and	stockpiled s	oils			_
Site also using t	arps for c	over			-			
Discharge to MMSD	enr.	7						
Discriu.ge to MMSD		1					_	
Gas Monitoring and N	langaem	ant: Chacl	kapprop	riate hov				
Flares in Operation:	YES X		#	1				
Turbines in Operation	-		#	1				
Engines in Operation:		INO []	#	3				
Shutdowns Since Last	_	# Non	Le-					
Destructed Volume:		# 3.100		cfm				
No shurdowns si			crascino			1,-		
	itions, gas				1	Est. Vol	ume	
No shurdowns si Consistent opera	ment	Storm Eve	ents Since	Last Audit #	-			
No shurdowns si  Consistent opera  Surface Water Manage  EFFECTS: Note condition	ment of perimet	Storm Eve	ents Since	Last Audit #	-			
No shurdowns si  Consistent opera  Surface Water Manage  EFFECTS: Note condition water/waste contact local	mentions, gas	Storm Eve erroad, erosi	ents Since on control	Last Audit #	-			
No shurdowns si  Consistent opera  Surface Water Manage  EFFECTS: Note condition water/waste contact local Minimal event	mentions, gas	Storm Eve er road, erosi st audit parary sed	ents Since on control	Lost Audit #	sion cama	age and po		ge [
No shurdowns si  Consistent opera  Surface Water Manage  EFFECTS: Note condition water/waste contact local Minimal event  Auditor can not odor Control: Odors Present: Comments:	mentions, gas	Storm Eve er road, erosi st audit parary sed	ents Since on control basin	Lost Audit #	sion cama	age and po	ssible storm	ge
No shurdowns si  Consistent opera  Surface Water Manage  EFFECTS: Note condition water/waste contact local Minimal event  Auditor can not odor Control: Odor Present:	mentions, gas	Storm Eve er road, erosi st audit parary sed	ents Since on control basin	Lost Audit #	sion cama	age and po	ssible storm	ge

	Iven Micro C
Litter Present Onsife:	
Litter Present Offsite:	
Pickers Active:	YES   NO     # 2
Comments:	
Litter minimal ah	hour North Expansion West, no liter evident about other phases
No off site litter	
laken, instances of trucks	
	ept for left turn lanes which have debris
Site roads dusty.	. 8 Mile road clean and busy with residents using drop off
Inspection of incomin	
Scale Camera Operator:	100
Equipment Operator:	YES X NO # 5
Spotter.	YES NO K #
Random Load Inspection Da	Dates 10/18/2020
Average Tonnage	2,200 TPD
Comments:	
Site is receiving N	MSW and minimal C&D waste volume has declined
Rejected Loads:	
Date/Time	Reason for Rejection
L	None
2.	
Residential Drop Off	ft: Open During Audit 🗓
Residential Drop Off	f: Open During Audit 🗓
	boxes mostly full during audit. Site clean

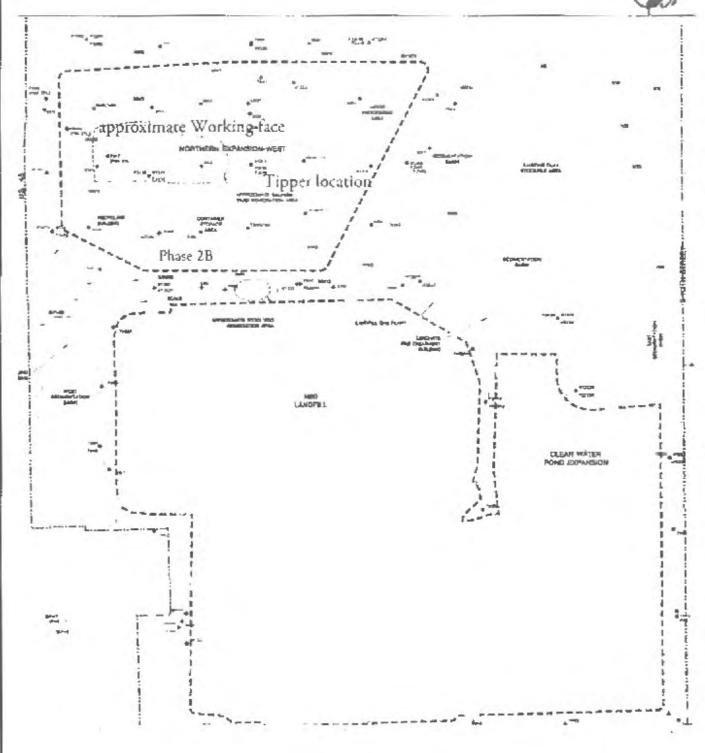
* No other activities going on ourside of	active area		
No contractors on site		-	
			-4
			-
	_		
	11	//	
Auditor's Signature:	had	1	Date: <u>10/21/20</u> 2
Auditor's Printed Name: 10-W	alter Spear, ?r. P.		1. /
Management signature: 7 7	-		Date: 10/22/5
Management Printed Name: //re.  Management Title: / Drv	II Those		/
			Date:
JSA Principal Signature			

Londfill Operations Audit Form

Page 4 of 6

### WMWI – METRO LANDFILL SITE MAP





# WMWI - METRO LANDFILL Odor Monitoring Route Map



# 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# November



# Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

**FROM:** 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)

			MWI – METRO L OPERATION				
חחס ורכי	TNO 1007 10057		CITY OF FRAI	NKLIN			
PROJEC	T NO. 1036.10056						
DATE	November November	6, 2020			TIMI	E 1:42	S FL
	Auditor on site at:	Open		Close			719
PREVIOL	JS DATE: Octo	ober 21, 202	20	Comple	eted $\mathbf{X}$		
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	EQUIPMENT USED IN LA	ANDFILL OF	PERATIONS				
۱o.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<del></del>	Trailer Tipper						
	Compactor						
2	Dozer						
•	Excavator					-	
	Haul Truck						
	Water Truck						
AA IOD EC	L QUIPMENT BONEYARD						
viajor ed Vo.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenan
	DECOIN HOLK	- Brokeri	///dimending		DECORN HOLY	BIOKOIT	TVI dill'Il OTTATI
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	Cover Material:
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В.	Lagebata Managament
г	Leachate Management:
ı	Discharge to MMSD 🗹
•	
C.	Gas Monitoring and Management: Check appropriate box.
- 1	Flares in Operation: YES 1NO   # (
- 1	Turbines in Operation: YES VNO W # 1
1	Engines in Operation: YES V NO  # ,3
Г	Shutdowns Since Last Audit: #
1	Destructed Volume: # 3.725 cfm
•	
	Comments:
	Value soine replaces in these 6
	Susten 195 been vunning smooth
D.	Surface Water Management: Storm Events Since Last Audit: #   Est. Volume 14
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm
	water/waste contact locations:
	Very little raid sinks last audit. Dite dry
<	
	leng sed Dusin pumped dig
E.	Odor Control:
⊏.	
	Odors Present: Onsite Offsite Notes on odor monitoring page Comments:
	<b>A</b> /
	No 84065
F.	Liquid Loads Recieved:
,	per cany on average
,	Page 2 of 6

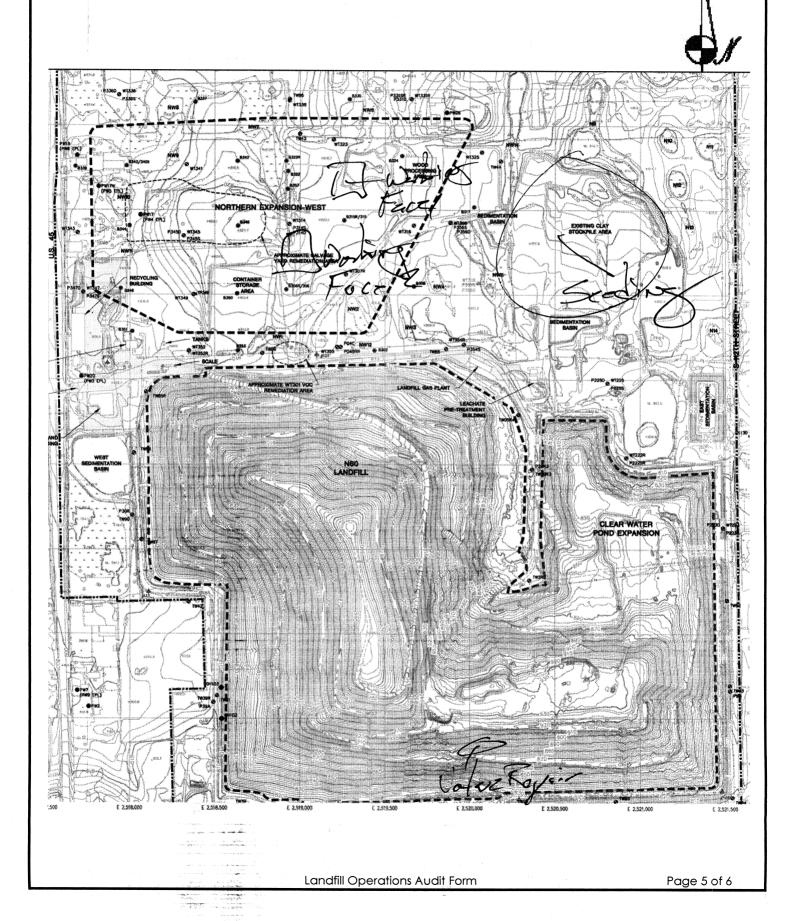
G.	Litter Present Onsite: YES NO Litter Present Offsite: YES NO MO Pickers Active: YES NO HESCOMMENTS.
H.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.  LIGHTS SEAL JUNE CLAD
<b>I.</b>	Inspection of incoming Waste:  Scale Camera Operator: YES V NO  #
	Comments:  MSW. Swall Johnne sons
J.	Rejected Loads:  Date/Time Reason for Rejection  1. 2.
K.	Residential Drop Off: Open During Audit  Site Jewe During Audit  Landfill Operations Audit Form  Page 3 of 6

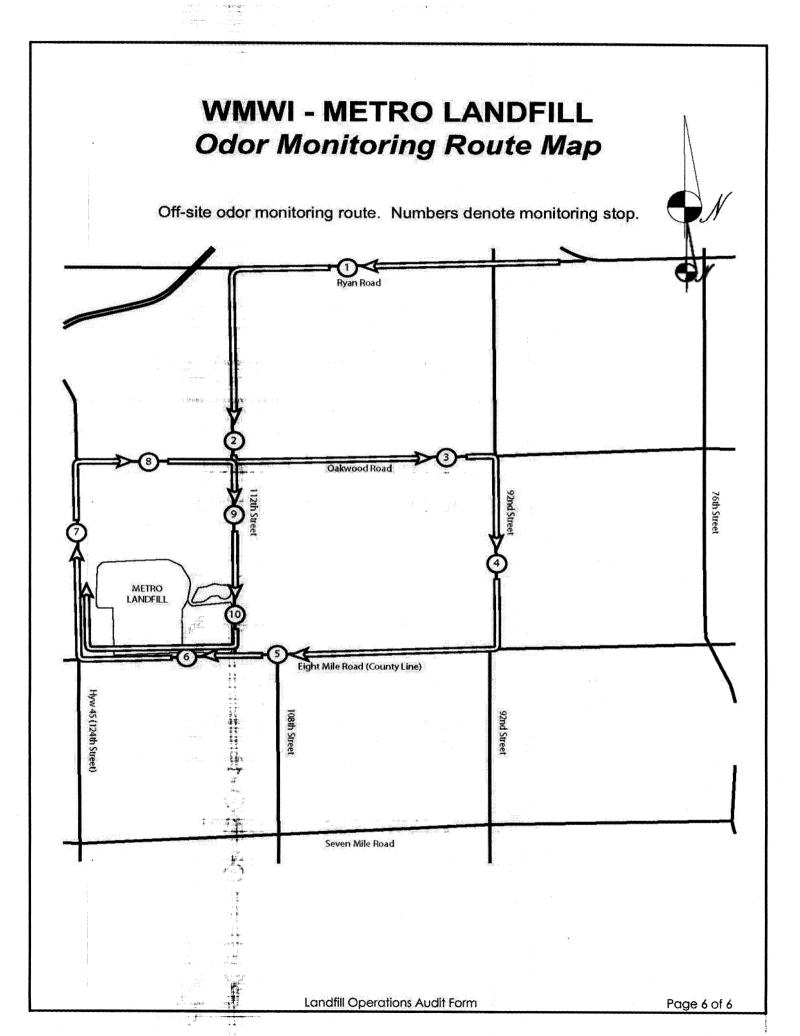
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Other Comments:	
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Auditor's Signature:	Date: 11/6/2020
Auditor's Printed Name: Jo-Walter Spear, Jr., P.E.	
Management Signature:	Date: 1/6/20
Management Printed Name: Trans Thosa	7 7
Management Title:	
JSA Principal Signature	Date:
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Landfill Operations Audit Form

Page 4 of 6

#### WMWI – METRO LANDFILL SITE MAP





# 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 Norh 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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



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)

DAT	Novem Auditor on site at:		20	Close		IME <u>10</u>	):20 AM
PREVIOL	JS DATE: <u>No</u>	vember 6,	2020	Comple	ted $ar{\mathbf{X}}$		
NEATHEI	R_Clear, Sunny, with I	Jiah Clauda			W		<u>35 MPH</u> s e w
	Clear, Sunny, With I	ngn Ciouas	<u> </u>			5	0 2
TEMI	Maximum	49 °F	Minimum	40	°F_	B.P	30.42
		^					
No.	EQUIPMENT USED IN LA	Rented	Contracted	No.	DESCRIPTION	l Rented	Contracted
1	Trailer Tipper						
2.	Compactor						
1	Dozer						
1	Excavator						
<u>*</u>	Haul Truck						
	Water Truck						
	QUIPMENT BONEYARD			I			
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	l Broken	Maintenar
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	Face Size and Location		1D NI	1 1		16	•
	o working faces, one						
truc	ks. Second working	race in mi	date of Phas	e za ope	erating tippe	er to empty	traners

Page 1 of 6

Leachate Management:   Discharge to MMSD	-	Cover provided from previously tipped and stockpiled soils
Gas Monitoring and Management: Check appropriate box.  Flares in Operation: YES  NO  # 1  Turbines in Operation: YES  NO  # 1  Engines in Operation: YES  NO  # 3  Shutdowns Since Last Audit: # None  Destructed Volume: # 3,100  cfm   Comments:  No shutdowns since previous Audit.  System running well  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  Odor Control: Odors Present: Onsite   Offsite  Notes on odor monitoring page Comments:  No odors on or off site	_	Site also using tarps for cover
Flares in Operation: YES NO		
Flares in Operation: YES NO # 1 Turbines in Operation: YES NO # 1 Engines in Operation: YES NO # 1 Engines in Operation: YES NO # 3 Shutdowns Since Last Audit: # None Destructed Volume: # 3,100 cfm  Comments: No shutdowns since previous Audit.  System running well  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  Odor Control: Odors Present: Onsite Onsite Notes on odor monitoring page Comments: No odors on or off site	_	Gas Monitoring and Management: Check appropriate hov
Turbines in Operation: YES NO # 1   Engines in Operation: YES NO # 3   Shutdowns Since Last Audit: # None   Destructed Volume: # 3,100 cfm    Comments:  No shutdowns since previous Audit.  System running well  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   Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page   Comments: No odors on or off site		
Engines in Operation: YES NO		
Destructed Volume: # 3,100 cfm  Comments:  No shutdowns since previous Audit.  System running well  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  Odor Control: Odors Present: Onsite    Offsite    Notes on odor monitoring page Comments:  No odors on or off site	ı	
Comments:  No shutdowns since previous Audit.  System running well  Surface Water Management: Storm Events Since Last Audit: # 1		
No shutdowns since previous Audit.  System running well  Surface Water Management: Storm Events Since Last Audit: # 1		Destructed Volume: # 3,100 cfm
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  Odor Control: Odors Present: Onsite Offsite No tes on odor monitoring page Comments: No odors on or off site	-	System running well
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  Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments:  No odors on or off site		Surface Water Management: Storm Events Since Last Audit: # 1
additional damage on site. Temp Sed Basin is pumped dry  Odor Control: Odors Present: Onsite Offsite No edors on or off site		
Odor Control: Odors Present: Comments:  No odors on or off site	-	Extreme storm event on 11/10/2020, created power outage; but did not do any
Odors Present: Comments:  No odors on or off site  Onsite  Offsite  Notes on odor monitoring page  No odors on or off site	-	additional damage on site. Temp Sed Basin is pumped dry
		Odors Present: Onsite Offsite Notes on odor monitoring page
Liquid Loads Recieved:	_	No odors on or off site
		Liquid Loads Recieved:

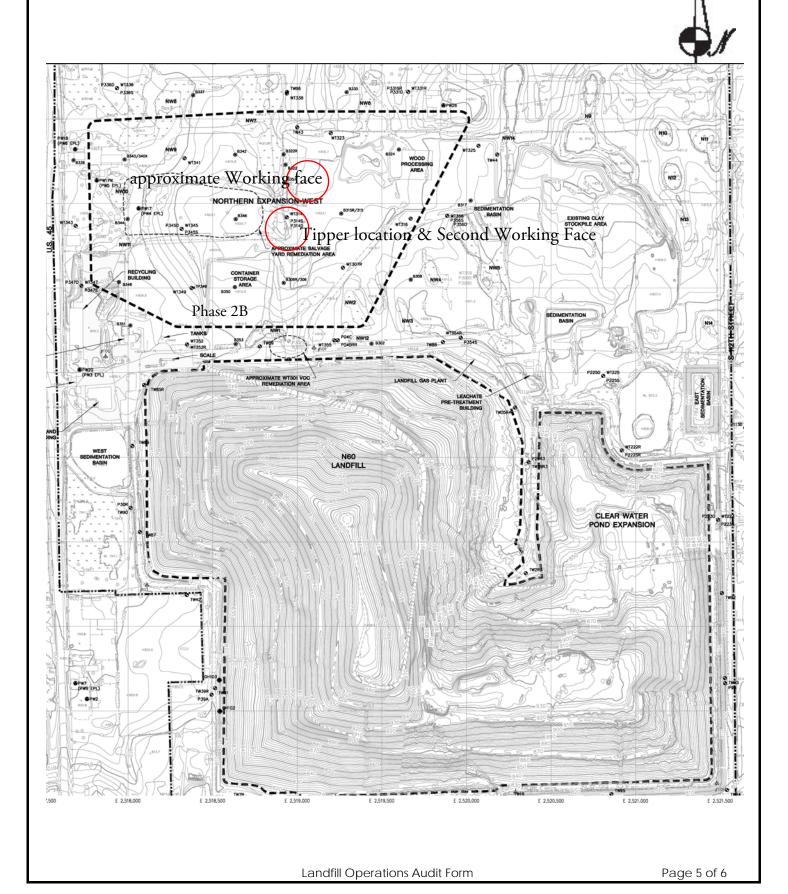
G.	Litter Control:						
	Litter Present Onsite:	YES X NO	ОП				
	Litter Present Offsite:	YES X NO		in left turn	lanes		
	Pickers Active:	YES X NO		# 4	Tarres		
		ILO WING	<u>О Ш</u>	# 4			
	Comments:						
	Winds have been s	trong all we	eek. Li	tter heavy a	oout fer	nces about North Expansion West	
Н.	Vehicle Impacts: Locat taken, instances of trucks o			dust, conditior	of acces	ss and public roads and control measures	
	US 45 and 8 Mile	Road Clear	ın				
	Site roads dusty						
l.	Inspection of incoming	Waste:					
	Scale Camera Operator:	YES X NO	0 🗌	#	1		
	Equipment Operator:	YES X NO	0 🗌	#	5		
	Spotter:	YES NO	0 X	#			
	Random Load Inspection Date			3/2020			
	Average Tonnage:			) TPD			
		· ·	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, <u>11 D</u>		'	
	Comments:						
	Site is receiving M	SW, minim	nal C&	D, and Spe	cial - w	vaste volume has increased	
	C						
J.	Rejected Loads:						
	Date/Time			Re	ason for	r Rejection	
	1.	Non	ne				
	2.						
K.	Residential Drop Off:	Open Durir	ng Audi	t X			
	Boxes mostly full,	site very ac	<u>ctive du</u>	<u>ring audit.</u>	Site cle	ean though boxes full	
			Landfil	l Operations A	udit Form	Page 3 of 6	

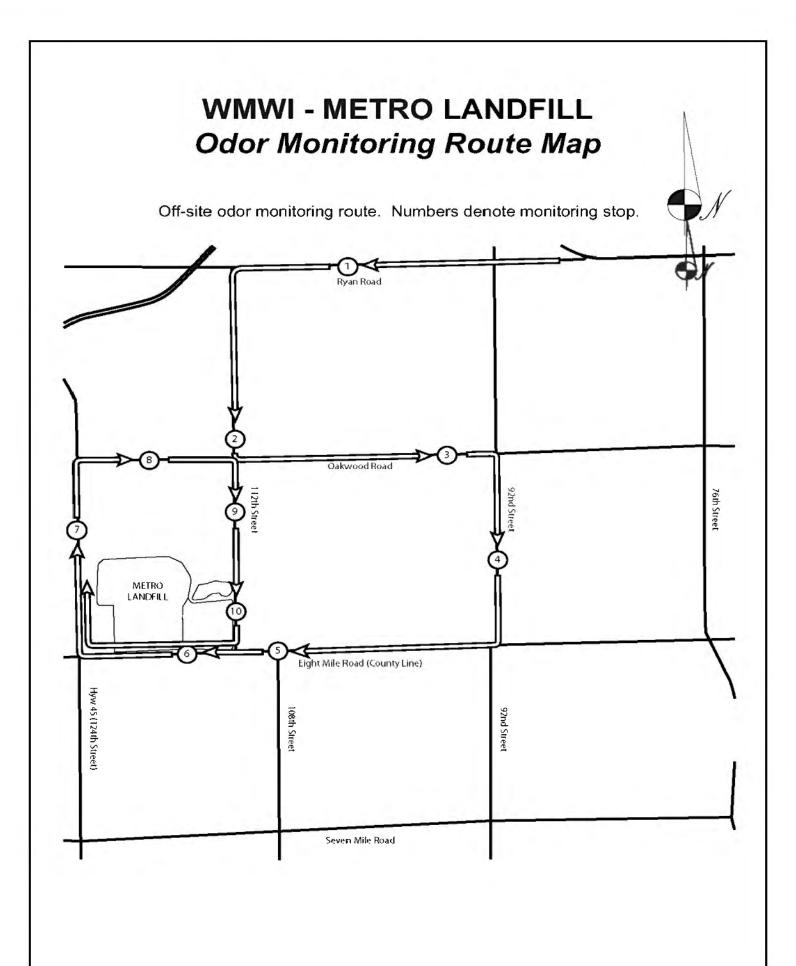
* EPA groundwater testing about site	
* Excavating by New Berlin to off site unrelated project	
* Seeding on stockpiles ongoing	
	<u> </u>
	anten menganan menganan menganan menganan penangah an mengah menganan penangkan dianggan menganah di
	$\mathcal{A}$
Auditor's Signature:	Date: <u>11/20/20</u> 2
Auditor's Printed Name:	Date:
Management Printed Name:	34.5.
Management Title:	
JSA Principal Signature	Date:

Landfill Operations Audit Form

Page 4 of 6

# WMWI – METRO LANDFILL SITE MAP





# 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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & NR 500	Dan Otzelburger	ASAP	12/18/2017	24	Offsite litter present over two audits



# December



# Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

**FROM:** 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)

		W٨	MWI – METRO	LANDFIL	L		
		LANDFIL	L OPERATION	IS AUDIT	FORM		
			CITY OF FRA	NKLIN			
PROJECT	NO. 1036.10056						
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DATE	December 13			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TIMI	12:0	0
	Auditor on site at:	Open		Close		•	
					<b>\\$7</b> ]		
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\				<u> </u>		<u> </u>	-ISMPA
WEATHER	Clear, SUN	NIST	brist	· · · · · · · · · · · · · · · · · · ·	WIND	) 0	S Now
TEMP	Maximum 37		Minimum	. 0/	°F B.P		
ILIVII	$\frac{3}{2}$	/	- Minimom	24	-г в.г	•	29.98
MA IOR F	EQUIPMENT USED IN LAN	IDFILL OF	PERATIONS				
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Trailer Tipper		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			1	e e macrea
2	Compactor	**			•		
2	Dozer				**************************************		
	Excavator						
	Haul Truck		1			-	
	Water Truck						
	7						
	QUIPMENT BONEYARD			M. A. C.			
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
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						-	
			1				
	5 0' 11 1'						
Working	Face Size and Location	<u>):</u>					
1	L. ?	<u> </u>	£ 5.	1 .			
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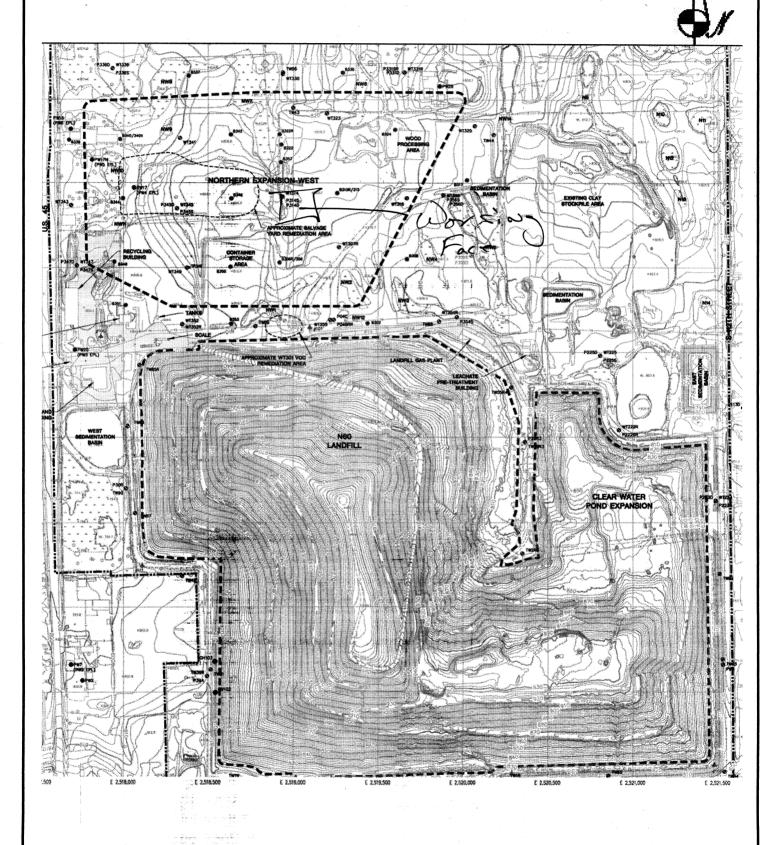
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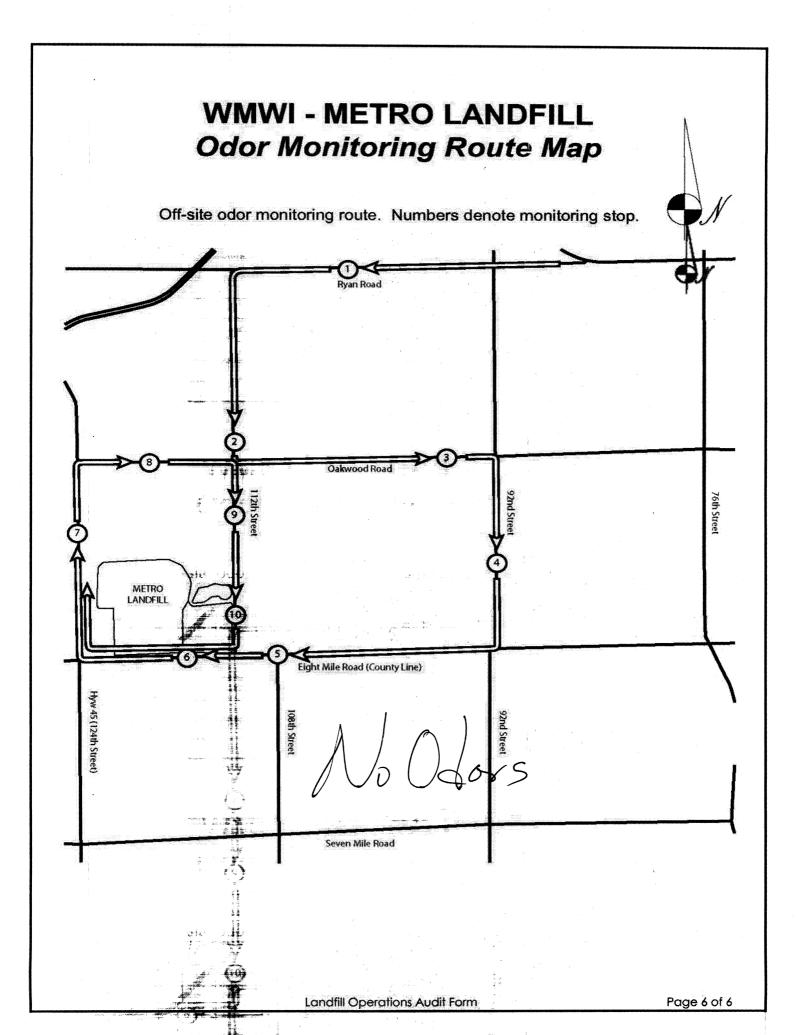
-	Cover Material:
	Docagine material from offsite
В.	Logobata Managament
ь.	Leachate Management:  Discharge to MMSD
	Discharge to MINISD
C.	Gas Monitoring and Management: Check appropriate box.
	Flares in Operation: YES NO   #
	Turbines in Operation: YES MNO # 1
	Engines in Operation: YES NO # 3
	Shutdowns Since Last Audit: # &
	Destructed Volume: # 3,100 cfm
	Comments:
	Consistent oferetion since ast andit
	volume 3/ightly bencer
_	
D.	Surface Water Management: Storm Events Since Last Audit: # ( Est. Volume 2/7
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
	Minimal sain. event since last andit
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	3. Le dissipation par per
	dr. D. D. D.
E.	Odor Control:
	Odors Present:  Onsite  Offsite  Notes on odor monitoring page
	Comments:
	No odors on or off site
F.	Liquid Loads Recieved:
	A/a
	None 10 day
	Page 2 of 6

G.	Litter Present Onsite: YES NO Litter Present Offsite: YES NO Litter Present Offsite: YES NO L Pickers Active: YES NO L # 3  Comments:
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.  134598 Mile Road Claw  Site road dust, some potholes in cutrower
l.	Inspection of incoming Waste:  Scale Camera Operator: YES NO #  Equipment Operator: YES NO #  Spotter: YES NO #  Random Load Inspection Dates: (\$\frac{1}{2} + 7020)  Average Tonnage: -2,800 TWO
	Comments:  MSW, soil project, and CED
J.	Rejected Loads:  Date/Time Reason for Rejection  1. 2.
K.	Residential Drop Off: Open During Audit  Site clean in Danes half fall ar (255)  Landfill Operations Audit Form Page 3 of 6

L. Other Comments:		
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Auditor's Signature:	6 0 4	Date: <u>12/01/2020</u>
Auditor's Printed Name: Management Signature:	o-Walter Spear, Jr., P.E.	 Date:
Management Printed Name:		Dale
Management Title: JSA Principal Signature		Date:
		· · · · · · · · · · · · · · · · · · ·
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	Landfill Operations Audit Form	Page 4 of 6

### WMWI – METRO LANDFILL SITE MAP





# 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 tippig in Phase 2A, South of tipper



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

#### **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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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 Agree- ment & 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:** 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



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)

DATE	- Determ		20	01	TIM	E 12:	27 PM
PREVIOL	Auditor on site at:  JS DATE:  De	cember 1.	2020	Close Comple	ted 🗓	10-2	о мрн
	Overcast, rain and s		udir F Minimum	35	of B,I		O E W
	EQUIPMENT USED IN L		_	No.		<b>I</b>	Ta
No.	DESCRIPTION Trailer I pper	Renled	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor		-		-	-	1
1	Dozer	-				1	-
1	Éxcavalor		-			-	1
	Haut Iruck	_			-10-	1	-
	Water Truck						-
MAJOR EC	QUIPMENT BONEYARD						-
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenana
1 174				7 11			
One	Face Size and Locat working face in Pha soil.	ion: ase 2A rece	iving all was	tes. Prev	ious working	faces in P	hase 1 cov
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Site also usi	ng tarps	for co	over					-		<u> </u>	
Leachate Manag	emeni:										
Discharge to MM		$\square$	1							_	
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Gas Monitoring a Flares in Operatio			_	Unec	#	nate bo	x.				
Turbines in Opera			NO	fil	#	1					
Engines in Operat				n	#	3					
Shutdowns Since			#	No		1 2					
Destructed Volum	***	,	1	3,100		cfm					
System runn	ing well										
Surface Waler Mar EFFECTS: Note con water/waste contac	nagement dilion of pe t locations:	erimete	er road	d, eros		structures	, erosion da		, Volume nd possible st	>1	10
Surface Waler Mar EFFECTS: Note con	nagement dilion of pe t locations:	erimete	er road	d, eros	sion control	structures	, erosion da		-	-	11
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Surface Water Mar EFFECTS: Note con water/waste contac Audit duri	nagement dilion of pe t locations: ng rain a d Basin is	nd sl	er road	dry	sion control	structures	, erosion do nulațion.	mage ar	-	orm	
Surface Water Mar EFFECTS: Note con water/waste contac Audit duri Temp Sec Odor Control: Odors Present:	nagement dilion of pe t locations: ng rain a d Basin is	nd slos pun	er road	dry	not muc	structures	, erosion do nulațion.	mage ar	nd possible st	orm	11

Litter Control:	1			_	
Litter Present Onsite:		NO [			
Litter Present Offsite:	YES	NO X			
Pickers Active:	YES X	NO D	# 3		
Comments:					
Litter in high fenc	es about	site.			
Vehicle Impacts: Local taken, instances of trucks of US 45 and 8 Mile	on County r	oads.	dust conditio	on of acce	ss and public roads and control measures
Site roads dusty	c Road C	10411			
otte roads dusty					* *
Scale Camera Operator: Equipment Operator: Spotter: Random Load Inspection Da	YES X YES X	NO 🔲	# # #	5	
	tes		To come to a	-	
Average Tonnage		3,000	TPD		J
Comments:					
Site is receiving N	(SW mir	nimal C&	D. and Sn	ecial	-
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Rejected Loads:					
Date/Time			R	eason fo	r Rejection
1.	L N	lone			
2.	1				
W. Cara Charles & Colores	1			7	
Residential Drop Off:	Open D	uring Audi		1	
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Site not very activ	ve during	audit, sev	eral boxes	tull, sire	clean.
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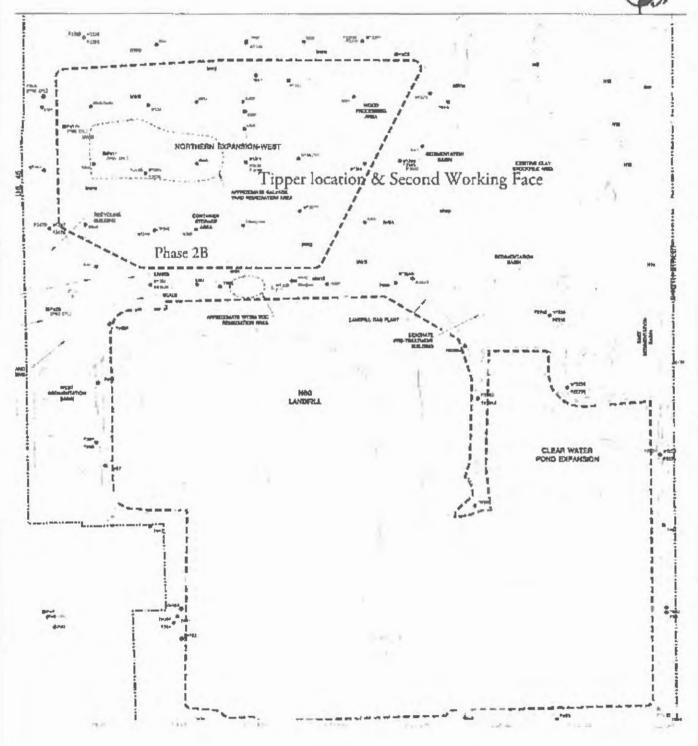
* No additional activity this we	:k	
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Auditor's Signature:	,	Date: 12/11/2
Auditor's Printed Name; Management Signature:		Date: 12//
Management Printed Name:		50.0.107
Management Title:	(Postrut Monager	
JSA Principal Signature		Date:

Landfill Operations Audit Form

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### 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





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



Phase 1B, well covered from previous tipping activities