

2015 Year End Summary of Audits of the Metro Disposal and Recycling Facility



Prepared For:
City of Franklin Waste Facility Monitoring Committee

MEMORANDUM



2015 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: 02/04/16

PROJECT NUMBER: 1036-10066

JSA Civil Environmental Engineers (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) audits of the Metro Facility during 2015. JSA conducts audits on a semimonthly schedule, a practice established in July of 2006. No additional audits were necessary, nor conducted during 2015¹. There were two audits that were rescheduled due to no management being present, both of which were in the first quarter of 2015.

All audits were performed in the presence of Metro Facility staff; either Travis Thorson, District Manager or Dan Otzelberger, Site Engineer. Audits were performed during operational hours of the facility including one "closing" audits, conducted at closing hours of the landfill.

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

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 deliverable audit document is placed upon the JSA Web page; www.JSAcivil.com/pages/audit/Franklin. The summary of the 2015 Metro audits will be in a format to match the recording completed on each Audit Form, reflecting the changes with the new form.

Weather Conditions

The weather conditions during the audit were recorded visually and from the weather stations within the area of the landfill. In 2015 all weather data was recorded from National Oceanic and Atmospheric Administration (NOAA), via their web page at www.noaa.gov.

Poor weather conditions have an impact on the Metro Facility; daily cover is a mix of foundry sands, tarps, and site soils. In poor weather conditions site soils can not be excavated and daily cover is limited only to sands received and tarps. Extended poor weather conditions can have an affect on daily and intermediate cover. Conversely, dry conditions have an impact on gas extraction from the site and dust in the active area and on site roads

Precipitation events are monitored as well, these events have an impact on the structural integrity of the site's slopes, drainage ways, and basins.

Equipment used in Landfill Operation

The Metro facility had one compactor and one bulldozer in operation on the working face of the landfill for the majority of audits. When using site soil for daily and intermediate cover the site employed the use of an excavator and haul truck to move soils recovered from Phase 6 & 7 or the borrow area. Two water trucks were available and used during dry dusty conditions. A bulldozer was in use in Phases 6&7 for the management of soil loads and some special wastes.

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.

Working Face

Metro maintains a working face that fluctuates in size, though rarely larger than one half acre. 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 7 years (~1,500 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.

The facility maintained a working face for Municipal Solid Waste (MSW), Construction Demolition wastes (C&D), and special wastes in the new cell Phase 9. Soils and some asbestos were tipped on Phase 6 & 7, but the majority of materials went to Phase 9.

No Action Items were recorded relating to the working face were recorded in 2015.

Cover Material

The daily cover used by Metro consists of foundry sands and on site soils. The waste placement in Phase 9 crested, exceeding ground grade elevations, in 2013; this mandated the use of daily cover and intermediate cover. The site recovered some soils from Phase 6 & 7 in mid 2015, the remainder of soil cover was recovered from soils tipped in the North end of Phase 9 and soils available in the borrow area. The foundry sands were stockpiled until necessary for use as cover in the active area. Daily cover placement was consistent throughout 2015.

Intermediate cover was soil only and either recovered from previous tipped landfill direct soils or the borrow area.

No Action Items were recorded in 2015 regarding Cover Material

Leachate Management

Metro has the ability to recirculate leachate through a pipe system, buried in the waste, along with disposing of excess volumes through a pre-treatment plant to an MMSD force main. The new cell was included in leachate collection in 2012, with additional header connections in 2013. The new construction of the "overlay" between Phases 6 & 7 and Phase 9 started in the end of

2015, which included the installation and connection of an extension of the leachate collection system.

During the first week of December 2015 the leachate force main, offsite, was clogged and leachate was recirculated by truck until the force main was restored on December 3, 2015.

There were no action items regarding leachate management in 2015.

Gas Monitoring & Management System

Metro operates four (4) engines and two (2) turbines to destruct landfill gas. In addition the site has one emergency flare. The system had numerous improvements, maintenance, and repairs over the year. An auxiliary flare is stored on site, but is not in use, its blower is however supporting the vacuum system of the well fields.

The facility has not been able to operate all of its destructive devices throughout the year due to poor gas quality or quantity. Conditions measured by the amount of methane, oxygen, and nitrogen in the landfill gas (LFG) being collected and destroyed. The LFG collection and destruction system has supported the operation of the four engines and one turbine, during the last quarter of 2015 both turbines were occasionally in use. The mean destruction value throughout 2015 was 2,400 cubic feet of LFG, which was converted to electricity.

There were no action items for Gas Monitoring & Management

Surface Water Management

Metro maintained its four basins throughout 2015 and thousands of feet of conveyances. Site erosion and ditch cleaning was attended to in 2015, however the rains in autumn and early winter have eroded the South and East slopes of Phases 6 & 7. Additional cleaning is expected in 2016 when weather conditions allow the use of heavy equipment on the slopes.

The out board slopes of Phase 9 have experienced erosion as well, only the East slope remains unrepaired. Again, this work is expected to be done in 2016 in conjunction with the construction activities for the overlay project.

There were no action items for Surface Water Management

Odor Control

Odors during audits were detected off site on two (2) occasions and six (6) occasions on site. The off site odors were limited to along 112th Street and were defined as an LFG odor. There were no recorded odor complaints in 2015, this is the first year that no complaints have occurred since 2004.

Metro did not implement any odor control activities or substances in 2015 other than placement of cover. Metro does possess products for odor neutralizing, but did not implement them.

Odor complaints totaled zero for the entire year of 2015.

There were no Action Items regarding Odor Control.

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. Metro received a permit to receive liquid wastes in 2009 and continues the practice to do so. During 2015 Metro received liquid loads on a reducing basis, averaging approximately two loads per month by the end of 2015.

There were no Action Items regarding Special Waste Handling

Litter Control

Metro implements two litter fences about the active area. One is tall, over 12 feet, and the other is a six (6) foot mesh fence. These fences are specifically for litter; with additional security perimeter fencing that also captures litter. Metro placed new fences about the top of slope in the Clear-water Pond Expansion during 2015, to meet with fences installed in 2011 and 2009. The majority of audits indicated litter on site, primarily in the fences. The tall fence was extended along 112th Street and the East edge of the landfill in 2014. The offsite litter conditions were an improvement over 2014, only twelve (12) instances of offsite liter during the twenty four (24) 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. On December 2nd, 2015 there was still excessive offsite litter in the trees along 112th street that was also present during the November 30th, 2015 audit. The Action Item was addressed on December 24th, 2015 by the use of additional litter pickers.

Vehicle Impacts

Metro's contract with Resource Recovery Systems (street sweeping) has greatly improved the conditions on US 45. Interior road conditions were on occasion dusty, US 45 and 8 Mile road were clean with relation to Metro activities. A check in log is maintained by the sweeper contractor as well and is reviewed during the audit process.

The non-paved access roads of the site, primarily the perimeter road, are potholed and poorly graded. Though not in 2015, restoration of the roads began in early 2016

There were no Action Items relating to Vehicle Impacts

Inspection of incoming waste

Metro uses numerous cameras, viewable by the scale operator 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.

In 2008, JSA added a record for Random Load Inspection to the Audit Form. All Wisconsin permitted landfills are required to perform a random load inspection for every 5,000 tons of waste received. In 2009 only the Site Manager was performing random load inspections, in 2010 certified operators performed inspections to assure that the criteria of random load inspections was being met at the site. In 2015 proper random load inspection performance was recorded for the majority of audits.

No Action Items were recorded regarding Inspection of incoming waste.

Rejected Loads

No rejected loads were recorded in 2015.

Contractors Audit

In 2015 Metro had New Berlin Excavating, Fence Erectors, Cornerstone Engineering, and a landscaper to perform slope seeding on site. The activities of the contractors were recorded during the audits.

In October of 2015 construction on the Overlay project was initiated. The Overlay project is a footprint connection between Phases 6 & 7 and Phase 9; this includes liner connection, leachate

collection, and gas collection once waste is placed. The construction activities observed between October 2015 and January of 2016 included the installation of sub-base, liner material, leachate collection, and a manhole. The Overlay operation requires a manhole to provide access to valve controls and clean outs that can not be raised to the new elevation of the finished grades. JSA performed construction audits in conjunction with operation audits, no stand alone construction audits were performed.

Action Items

There was one Action Item in 2015, sited on December 2nd, regarding litter offsite and in the trees along 112th Street. The Action Item was addressed and closed on December 24th. JSA has made regular comments regarding the litter, flagging, and cover conditions on the East slope of Phase 9, but nothing to warrant an Action Item.

The record of odor complaints was empty this year. The Metro Facility did not implement the use of any odor controls beyond waste placement and cover in 2013; and only three odor complaints were received.



January





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 02/04/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of January 12 The Audit was performed at Noon, on **January 15**, **2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face along East edge Phase 9
 - Filling to complete lift
 - Previous days' poor cover will be addressed with today's daily cover placement
- One compactor, one dozer and one excavator active during audit
- Soils and foundry sands available for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- Gas destruction 2,420 cfm
- Second turbine repaired and expected to be back on line by middle of next week
- Three storm events since last audit, approximately 3"
 - · Several small snows since last audit of 2014
- Site landscape frozen
- Few liquid loads in this weather
- No noticeable odor on or off-site
- Litter cleared on-site, but obvious in trees off-site
- One active litter picker
 - Additional pickers will be employed next week when warmer weather is forecast
- US 45 and 8-Mile Rd clear and well salted
- Regrading work on site roads allows improved access
- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,240 TPD
 - Waste being tipped is MSW
 - No rejected loads
 - Random load inspection 1/12/15

Attachments:

- · Residential drop-off open during audit
 - Area clean
 - Boxes moderately full

Comments:

- New header connections in old hill
 - Header connects 12 wells with water intrusion issues
- Litter fences along perimeter effectively catching & keeping litter contained on-site
 - Expected to be cleaned next week as weather permits

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 THME 12:00 DATE January 15, 2015 Close Auditor on site at: WEATHER < TEMP Maximun °F Minimum B.P. 30.01 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted No. DESCRIPTION Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Maintenance No. DESCRIPTION Broken Broken Maintenance A. Working Face Size and Location:

Landfill Operations Audit Form

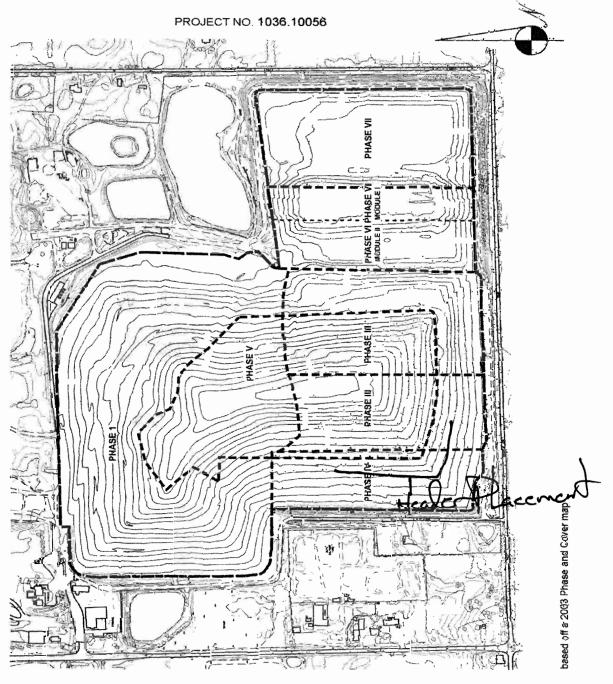
Page 1 of 7

	Cover Material: Soils and Founds sands
B.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in YES NO # Shutdowns Since Last Audit: # Destructed Volume: # ZHZO cfm
, D.	Second furbise repaired and expected to be back on its language and expected to be back on its language and possible storm water/waste contact locations: Since (ast audit 2014)
E.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page Some of the state of
F.	Liquid Loads Recieved: Japan Japan
	Landfill Operations Audit Form Page 2 of 7

G	Litter Control:
J.	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO STORY
	Pickers Active: YES YES NO #
	Comments
	Additions Dickers will be employed
	west weekin warmer weather
н	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures
17.	taken, instances of trucks on County roads.
	4545 & 8 Mile clear and well-salted
	Site roads regraded and allow improved across
1.	Inspection of incoming Waster Scale Camera Operator: YES VINO #
	Scale Camera Operator: YES NO #
	Spotter: YES NO , #
	Random Load Inspection Dates: 1/12/15
	Average Tonnage: 1,240 TPD
	Comments:
	175N DALY
1	Rejected Loads:
J.	Date/Time Reason for Rejection
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	2. DAC
L.	Residential Drop Open During Audit 🔽
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	Landfill Operations Audit Form Page 3 of 7

Other Comments:	
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Auditor's Printed Name: Jo-Walter Spear, Jr. Management Signature:	Date: 1/15/15
Management Printed Name: Trans There	50.0. <u>17.2.7.7.</u>
JSA Principal Signature	Date:
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MILWAUKEE WESTERSOG CIVIL ENVIRONMENTAL ENGINEERS	
Landfill Operations Audit Form	Page 4 of 7

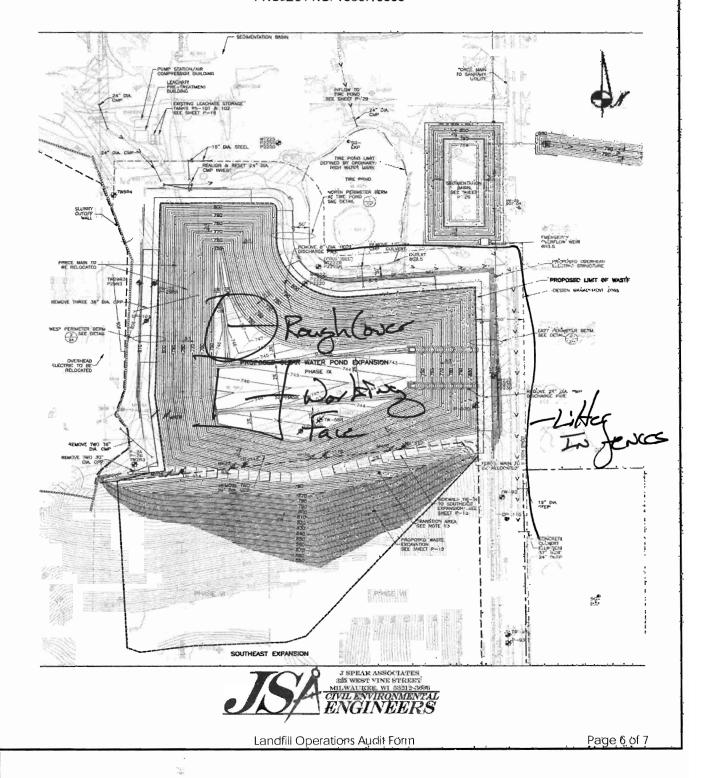
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN





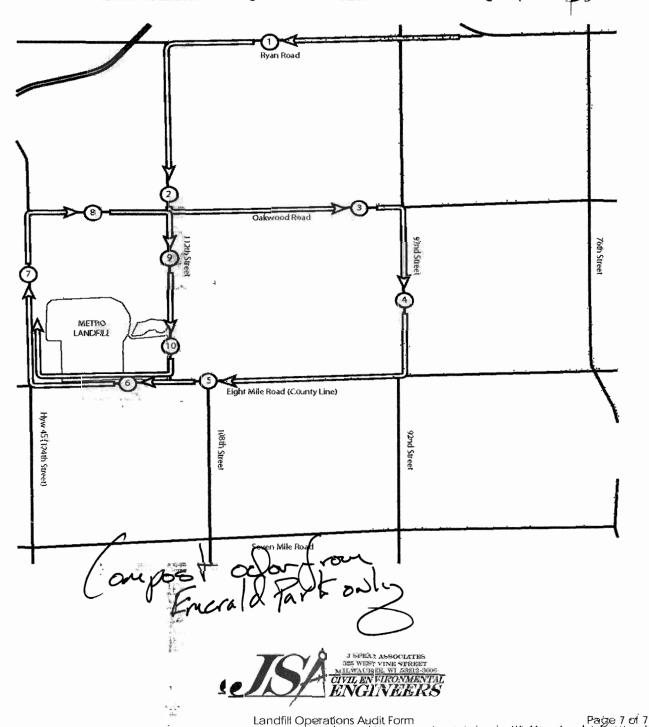
WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

Off-site odor monitoring route. Numbers denote monitoring stop



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Active area, phase 9



AUDIT PHOTOS - 1



Working face, previous days cover on right in good condition, previous cover on left in poor condition



Working face on East edge of Active arear



West slope of Old Hill, header backfilled and covered with compost to prevent freezing



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 02/04/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of January 26, 2015. The Audit was performed at 11:10 AM, on **January 30, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Starting new lift in Northeast corner of Phase 9
- Bio soil loads tipping in Phase 7
- Back dragging underway on on side slopes of Phase 9
 - Additional cover being added, too during audit
 - · Sand, tarp and soils used for daily cover
- One compactor, one dozer, one excavator and one haul truck active during audit
 - One D6 dozer needing repairs
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine down due to low gas volume
 - No shut downs since last audit
 - Gas destruction 2,522 cfm
- One small snow event since last audit, less than 1"
 - Heavy snow storm expected next week
- No odors on or off-site
- Litter present off site and on-site
 - · One active litter picker
 - · Severe litter in tall fence
 - · Off site litter present but greatly reduced
- US 45 and 8-Mile Rd dusty; site roads dusty
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is a mostly MSW and sands; small amount of C&D

Attachments:

- Very small amounts of Bio soils being tipped in Phase 7
- No rejected loads
- Random load inspection 01/29/15
- Residential drop-off open during audit
 - Area clean
 - Boxes mostly empty

Comments:

- New header pipe work on old landfill ongoing
- Compost used as temporary back fill covering pipe
- Litter fencing will be located atop new lift when complete

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

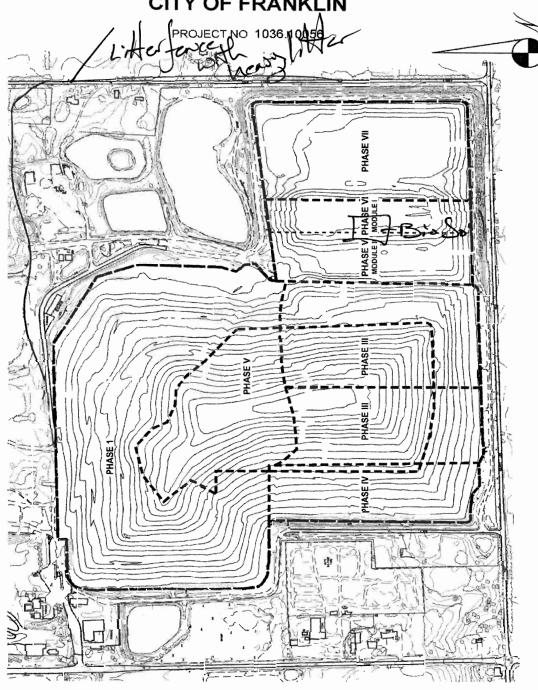
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LANDFILL OPERATIONS AUDIT FORM								
CITY OF FRANKLIN								
PROJEC	CT NO. 1036.10056							
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MAJOR	REQUIPMENT USED IN	LANDFILL	OPERATIONS					
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted	
1	Compactor							
(Dozer							
	Excavator							
1	Haul Truck							
	Water Truck							
	QUIPMENT BONEYARD							
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance	
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	Landfill Operations Audit FormPage 1 of 7							

	Cover Material:
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 7 5 2 2 cfm
	1 tarbine down due to low gas volume
D.	Surface Water Management: Storm Events Since Last # Est. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Small Show event during the contact water w
E.	Odor Control: Odors Present: Comments: Odors Present: Onsite Offsite Notes on odor monitoring page Odors
F.	Liquid Loads Recieved: JSPEAR ASSOCIATES 355 WISH'S VINE STREET MILWAUKER, WI 58212-3000. CTYLE ENVIRONMENTAL CTYLE ENVIRONMENTAL
	Landfill Operations Audit Form Page 2 of 7

_	Litter Control:
	Litter Present Onsite: YES NO
⊢ ⊢	Litter Present Offsite: YES MO NO
L-	Pickers Active: YES NO #
_	Comments:
_	Severe litter in tall france Offsite litter
_	
_	Greather reduced
	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures
t	aken, instances of trucks on County roads.
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_	Contractor ducho
l. <u>l</u>	nspection of incoming Waste;
(Scale Camera Operator: YES V NO #
	Equipment Operator: YES VNO W # 3
(Spotter: YES NO .#
	Random Load Inspection Dates: 1/23/15
	Average Tonnage: //20 TPD
	Comments: US(1) sande singly amount of (31)
-	Voca small dolume & his soil bows traded in Phase
-	
J.	Rejected Loads:
ŀ	Date/Time Reason for Rejection
l	1.
	2. Vone
\	
L.	Residential Drop Open During Audit
-	Proxes mostly empty
-	
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	ENGINDERS
	Landfill Operations Audit Form Page 3 of 7

		·
L. Other Comments:		
* Header work	a Oldtil magning)
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* New lifturit	be location for life	ex
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	$0 \sim 1$	1.
Auditor's Signature:	2. Webs Sans Is	Date: 1/3/25
Management Signature:	Jo-Walter Spear, Jr.	Daté: 1/30/15
Management Title:	OM (ASAGE)	Date:
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	Landfill Operations Audit Form	Page 4 of 7

WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN



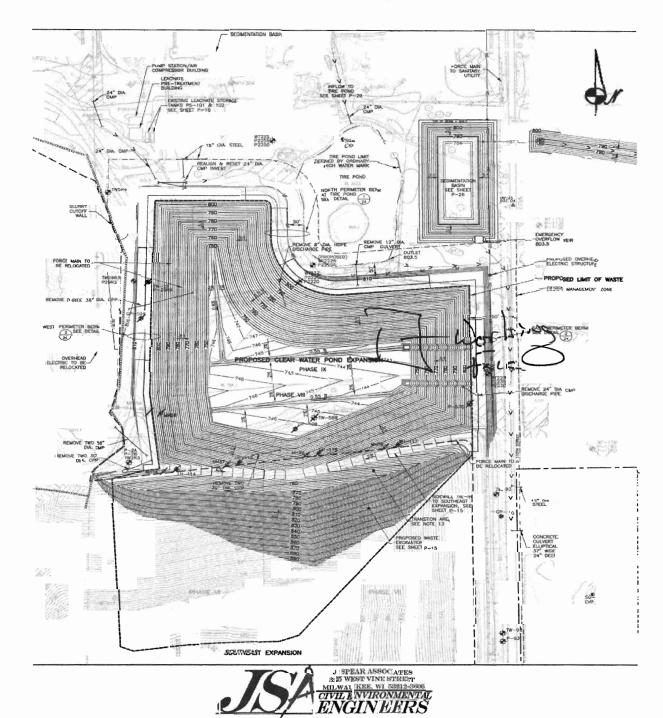


Landfill Operations Audit Form

based off a 2003 Phase and Cover map

WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO. 1036.10056



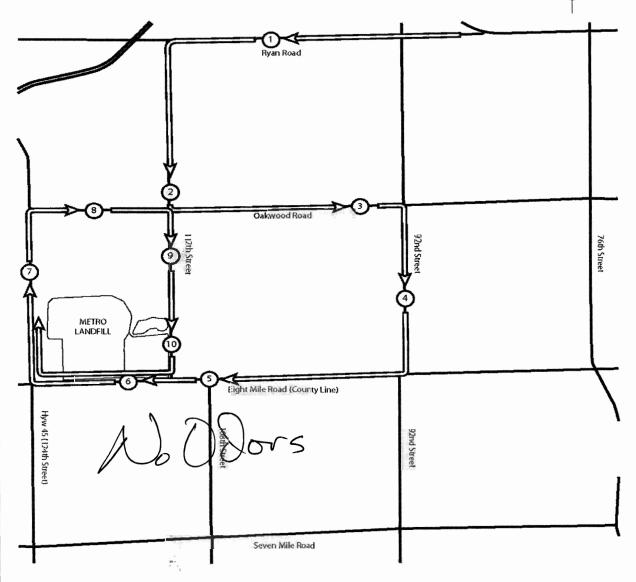
ENGINEER

Landfill Operations Audit Form

Page 6 of 7

WMWI - METRO LANDFILL Odor Monitoring Route Map

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





Landfill Operations Audit Form

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Active area, phase 9



AUDIT PHOTOS - 1



South end of Phase 9 viewed from the West



Working face in Northeast corner, waste being pushed up to create new lift



South slope of Phase 9



West slope of Phase 9



February





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 02/27/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of February 2, 2015. The Audit was performed at 4:00 PM, on **February 5, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

The following bullet items were developed from the Operations Audit:

- · Working face along Eastern edge of Phase 9
 - Moving lift from North to South
 - Lift is long and narrow
- One compactor and one dozer active during audit
 - One D8 dozer needing repairs
- Sands and soil in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - · One engine down for maintenance
 - One shut down since last audit
- Gas destruction 2,200 cfm
- One large and one small snow event since last audit, about 1"
 - Site conditions frozen
- No odors on or off-site
- No liquid loads
- Litter present on-site; clear off-site
 - One active litter picker
 - Most litter in fences and ditches
- US 45 and 8-Mile Rd clean; site roads have some ice & snow
- Tipping scale camera and 2 equipment operators at work; no spotter
- Average MSW tonnage 1,300 TPD
 - Majority MSW and sands, small volume asbestos
- Random load inspection 2/5/15

Attachments:

- No rejected loads
- Random load inspection 01/29/15
- Residential drop-off open during audit
 - Area clean
 - Boxes mostly empty

Comments:

- Site mostly frozen and snow covered outside of active areas
- Basins frozen; no flowing water

VEOLIA Emerald Park Landfill

Action Items Checklist City of Muskego Audit

Opened: Updated: 01/09/2014 - Cleared

Item Number	DATE month/date/year	Condition Description	Permit or Contract Reference	Initial Schedule for Completion	Observed Completion Date	Elapsed Time (Days)	Notes



ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL

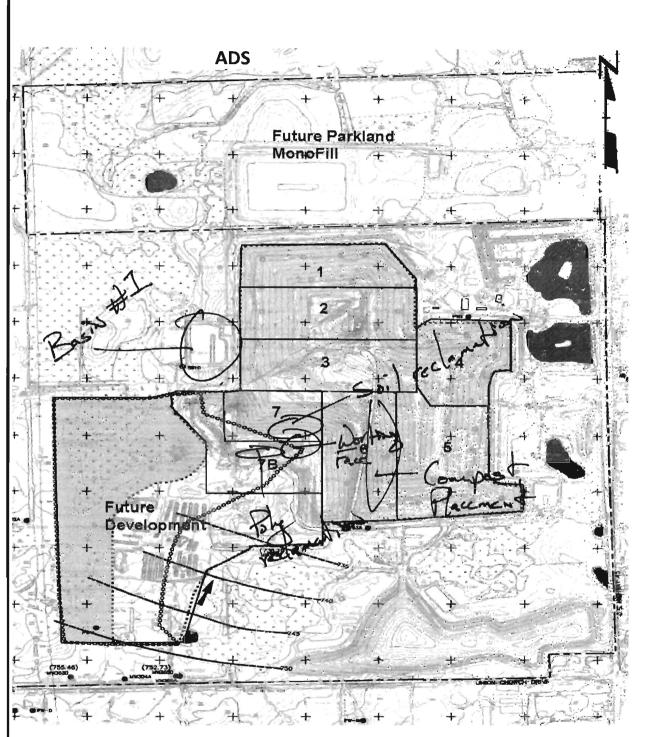
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Landfill Operations Audit Form

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Advanced Disposal Services Emerald Park Landfill

Landfill Audit Map City of Muskego Project No. 1020.10030



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

PROJECT NO. 1012.10030



Working face viewed from the Southeast





Overview of site from Northeast



Overview of site from the North, Phase 3



Active area viewed from the North



Compactor active in working face



Active area viewed from East



Working face in Northeast corner of Phase 7B



Compost to be spread on the West slope of Phase 6



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 02/27/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of February 16, 2015. The Audit was performed at 11:55 AM, on **February 18, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face in Northeastern section of Phase 9
 - Work area is trapezoidal shape with a wide approach and narrow at top of lift
- One compactor, one dozer, one excavator and one haul truck active during audit
 - One excavator needing repairs
- Soils from cleared bio-soils pile in Phase 6
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- No shut downs since last audit
- Gas destructed volume 2,400 cfm
- Turbine and field testing scheduled for next week
 - Targeted gas destruction 3,000 cfm
- Snow dusting since last audit; no appreciable accumulation
- Site conditions frozen
- No liquid loads
- No odors on or off-site
- Litter present both off and on-site
 - One active litter picker
 - Unusually high winds blowing litter I
 - Into fences on-site and across 112th Street
- Tipping scale camera and 2 equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is a mostly MSW, asbestos and sands
 - No rejected loads
 - Random load inspection 2/11/15

Attachments:

- Residential drop-off open during audit, but not active
 - Area clean
 - Boxes mostly empty

Comments:

- · Bio-soils pile in Phase 6 cleared completely
 - Used for daily cover
 - excavated space prepared to accept asbestos loads
- Gas system and well field testing anticipated beginning next week
 - May take two-three weeks to complete

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

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F.	Landfill Operations Audit Form Page 2 of 7

Litter Present Offsite: YES NO
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Landfill Operations Audit Form Page 3 of 7

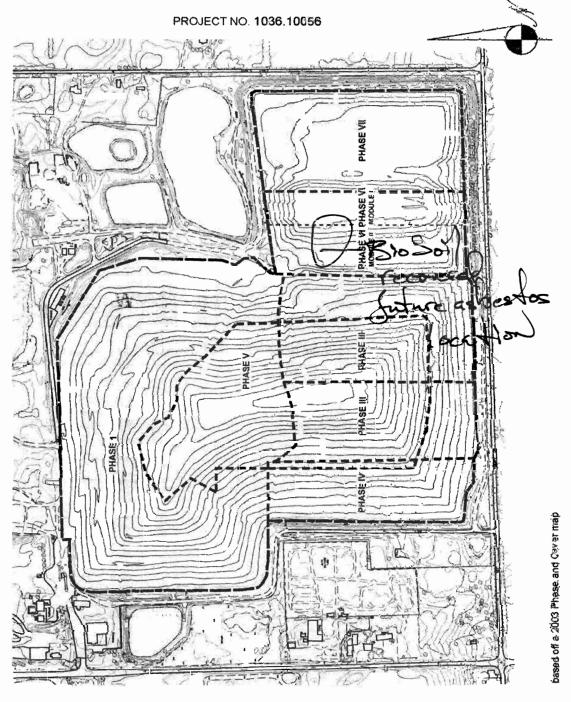
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Management Printed Name: Trains Thomas	
Management Title: / Dm JSA Principal Signature	Date:
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Landfill Operations Audit Form	Páge 4 of ₹

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WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

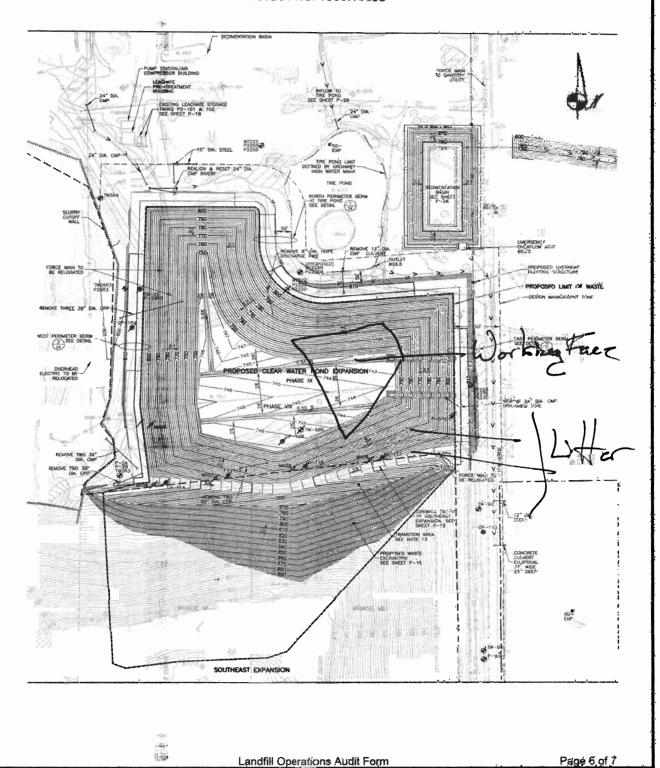
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WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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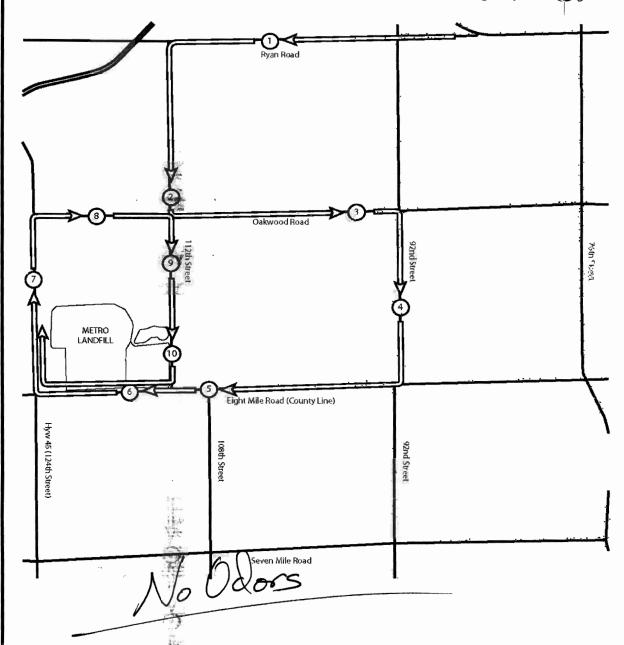
PROJECT NO. 1036,10056



14

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



Landfill Operations Audit Form

Page 7 of 7

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Phase 6 bio-soil recovery and prep for asbestos placement



AUDIT PHOTOS - 1



Phase 9 Active area



Working face, wide at the front and tapers back at the East end.





March





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 03/10/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 2, 2015. The Audit was performed at 2:19 PM, on **March 5, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face in middle of Phase 9
 - No other active faces on site
- · Previous cover in good shape
- · Site soils and traps in use for daily cover
- · One compactor, one dozer, one excavator and one haul truck active during audit
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 3 Engines in operation
 - One engine at a time shut down during the day for maintenance
 - · All back in operation over night
 - One shut down since last audit
 - Gas destruction 2,364 cfm
- Minor snow event since last audit, less than 1"
 - Site conditions frozen
- No liquid loads arriving
- No odors on or off-site
- Litter present both off and on-site
 - · Two active litter pickers
 - · Number of pickers has been increased
 - As many as 4 some days
 - Extras necessary to keep litter somewhat controlled
- US 45 and 8-Mile Rd clean; site roads gritty
- Tipping scale camera and 4 equipment operators at work; no spotter
- Average incoming tonnage 1,100 TPD
 - Waste being tipped is in active area is MSW

Attachments:

- No rejected loads
- Residential drop-off open during audit
 Area clean

 - Some boxes filled

Comments:

- Basin cleaning will continue at least through tomorrow
- Soils are being accumulated in in borrow area
 - Allowing them to dry somewhat for potential reuse

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036,10056 TIME 2:/9 March 5, 2015 DATE Auditor on site at: Close Open WEATHER TEMP Maximum °F Minimum B.P. MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented DESCRIPTION Contracted No. Contracted Rented Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance Ŋο, DESCRIPTION Broken, Maintenance. Working Face Size and/Location:



Landfill Operations Audit Form

Page 1 of 7

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	Landfill Operations Audit Form Page 2 of 7

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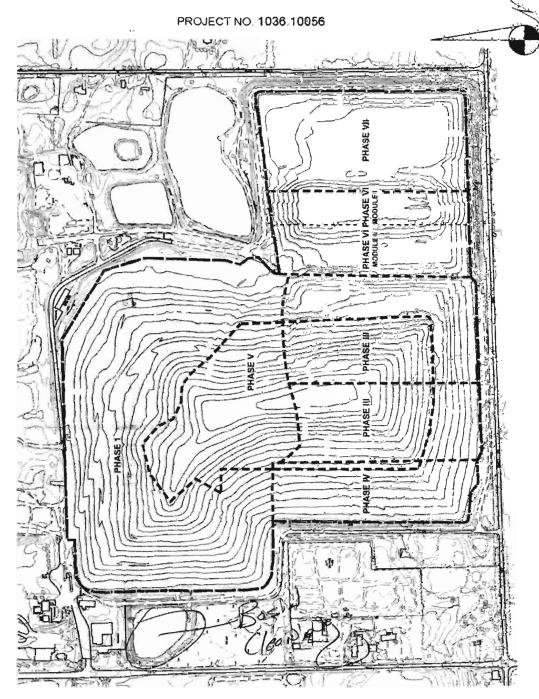
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Management Printed Name: Travis Thorson	7 / /3
Management Title: 0m	
JSA Principal Signature	Date:
Landfill Operations Audit Form	, Page 4 of 7

WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

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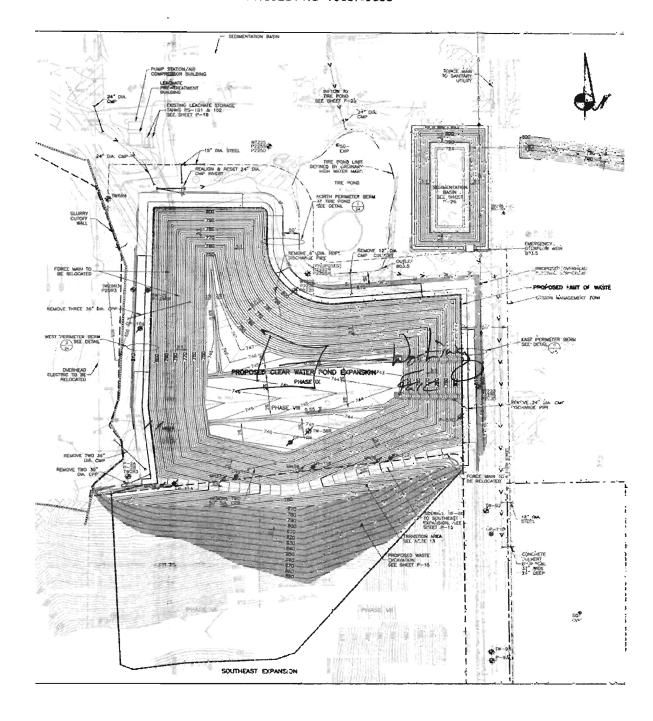
Landfill Operations Audit Form,

Page 5 of 7

based off a 2003 Phase and Cover map

WMWI - METRO LANDFILL LANDFILL AUDIT MAP CITY OF FRANKLIN

PROJECT NO 1036.10056

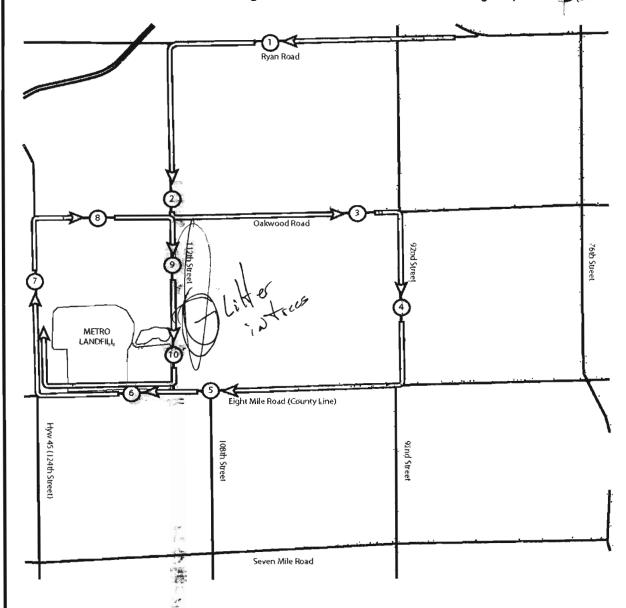


Landfill Operations Audit Form

Page 6 of 7

WMWI - METRO LANDFILL Odor Monitoring Route Map

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



Landfill Operations Audit Form

Page 7 of 7

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Active area, Phase 9, viewed from the West



AUDIT PHOTOS - 1



Phase 9 Working face



South end of active area Phase 9



Excavator cleaning bottom of sedimentation basin



Basin being cleaned by removal of ~2 feet of sediment



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 03/26/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 23, 2015 The Audit was performed at 12:10 PM, on **March 25, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face in middle of Phase 9
 - Moving into new lift
- Cover is heavily flagged from thawing snow
- · Processed bio-soils and site soils used for daily cover
- One compactor and two dozers were in use during audit
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 2 Engines in operation
 - · One Turbine and two engines shut down for maintenance
- System working at maximum destruction with available components
 - Gas destruction 2,000 cfm
- One storm event since last audit, slightly over 1"
 - Snow and rain earlier in week
 - Site still thawing
- No odors on or off-site
- Very few liquid loads
- Litter present off site and on-site
 - · Three active litter pickers
 - Litter on-site caught in fences
 - Litter blowing off-site on 112th Street in fields and trees
- US 45 and 8-Mile Rd dusty; site roads gritty
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is a mostly MSW, foundry sands and sludge

Attachments:

- No rejected loads
- Random load inspection 01/29/15
- Residential drop-off open during audit
 - Pickers working drop-off redirected by site management during audit

Comments:

- Severe litter and flagging to be addressed as site conditions dry
- Basin cleaning has been completed
- New erosion due to thaw requires repair when site conditions are dryer.

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

		_		MWI – METR LL OPERATION	UA RNC	DIT FORM			
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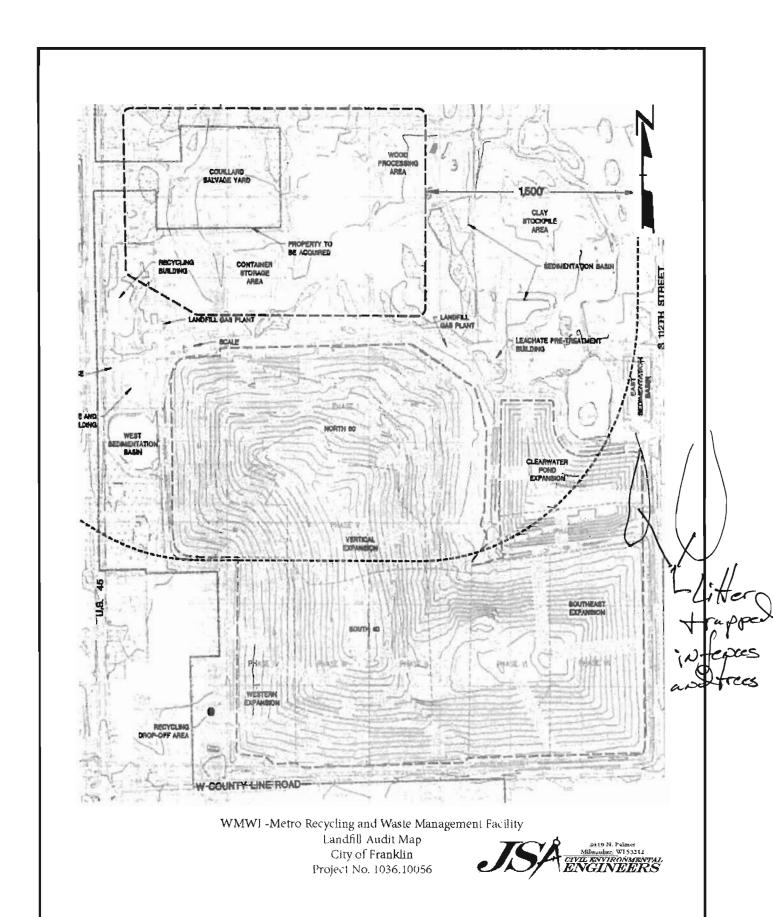
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) .	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES
	Comments: 1 turbing and the engines dann for maintenance Section and man destruction with available component
) .	Surface Water Management: Storm Events Since Last # 1 Est. Volume 2/4 EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Show & Vaiw Car icr iw week, with Ma Walumes.
<u>.</u>	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page Comments:
	Liquid Loads Recieved:
	Landfill Operations Audit Form Page 2 of 7

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G.	Litter Control:
G.	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO
	Pickers Active: YES NO # 3
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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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	USAS 7 8 Mile Clean. Dite roads 51 My
	Inspection of incoming Waste: /
	Scale Camera Operator: YES V NO # (
	Equipment Operator: YES NO # 3
	Spotter: YES NO V #
	Random Load Inspection Dates: 3/20/LS
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J.	Rejected Loads:
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Other Comments: **Either and fana ma sencre, to addressed when site dries up **Basin classing completed, **Drew erosien evident from than me **Antitics, requires error cond **To repair.	THOUS
Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature	Date: 3/25/15 Date:

Landfill Operations Audit Form

Page 4 of 7



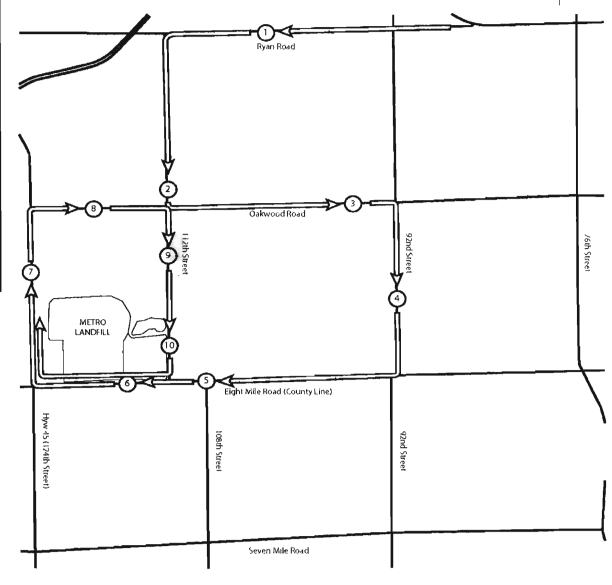
Landfill Operations Audit Form

Page 5 of 7

WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Active area, Phase 9, viewed from the West



AUDIT PHOTOS - 1



North end of Phase 9



South end of active area Phase 9



April





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 04/28/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of March 30, 2015. The Audit was performed at 10:40 AM, on **April 1, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face at very Eastern edge of Phase 9
- Staff prepping site for predicted storms
- Site soils used for daily cover
- One compactor and two dozers active during audit
- All leachate discharging to MMSD; no recirculation
- No flares, 2 Turbine and 2 engines in operation
- Testing of well fields for production this week
 - Testing requires engine and turbine shutdown
 - Gas destruction 2,800 cfm
- One small rain storm since last audit, less than 1"
 - · No effect on site
 - Preparing site for heavy rains
- No odors detected on or off-site
- No liquid loads
- Some litter present off site and on-site
 - One active litter picker
 - Litter reduced since last audit
 - Less flagging observed
- US 45 and 8-Mile Rd clean; site roads breaking down
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,250 TPD
 - Waste being tipped is mostly MSW, some sand and bio-soils
 - No rejected loads
 - Random load inspection 3/20/15

Attachments:

- Residential drop-off open during audit
 - Area very clean
 - Operator picking up during audit

Comments:

- Site actively improving intermediate cover and back dragging to remove flagging waste
- Five new horizontal collection lines installed for gas collection
- Seeding of slopes expected in next two weeks



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 04/30/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of April 27, 2015. The Audit was performed at 10:10 AM, on **April 17, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face in Southwest corner of Phase 9
- Soil loads tipping in Phases 6 and 7
- Clean-up operation from horizontal collection line trenching project is on-going
- Site soils from borrow area used for daily cover
- One compactor, two dozers, one excavator and one haul truck active during audit
 - One D6 dozer in boneyard
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - Not enough landfill gas to run both turbines
 - One shut downs since last audit
 - Gas destruction 2,850 cfm
- One storm since last audit, nearly 4""
 - Heavy rain last week eroded cap areas
 - Repairs planned for when conditions are drier
- Waste odor especially near working face
- Periodic liquid loads
- Litter present off and on-site
 - Three active litter pickers working on-site
 - Off-site litter to be addressed next week
- US 45 and 8-Mile Rd clean; site roads gritty and rough from rain
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Tipped waste is MSW and soils, small asbestos load
 - No rejected loads

Attachments:

- Random load inspection 4/17/15
- Residential drop-off open during audit

Comments:

- Off-site litter problem will be corrected next week
- Clean-up of flagged waste proceeding on North slopes of Phase 9
- Topsoil placement continuing on cleared slopes of Phase 9

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

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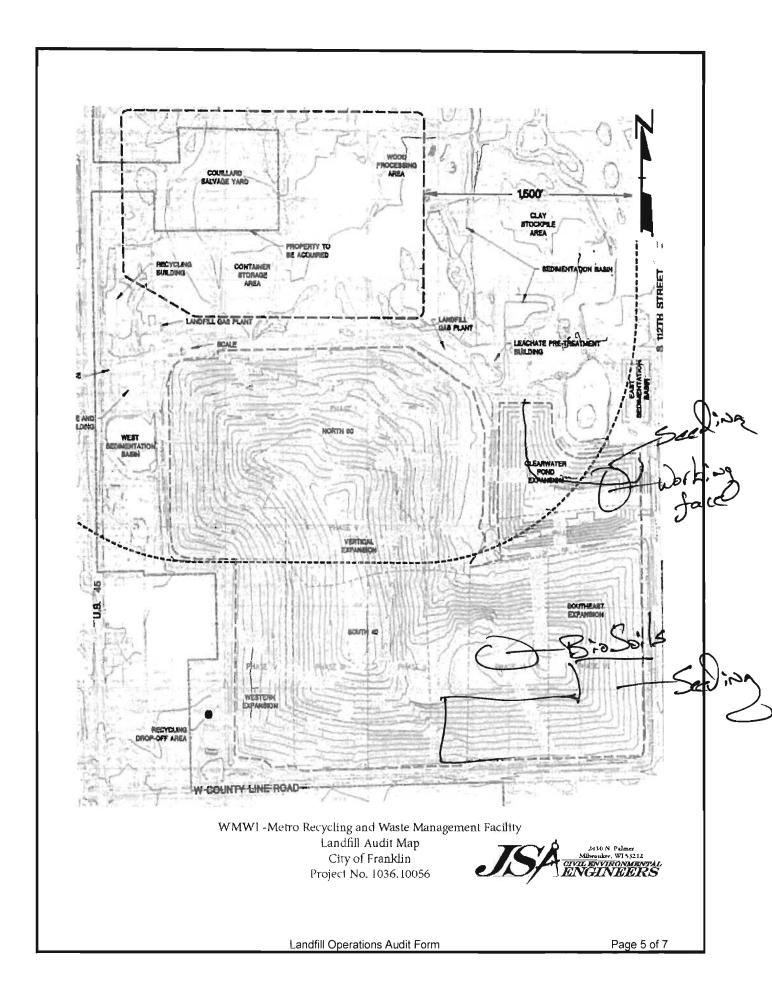
Landfill Operations Audit Form

Page 1 of 7

	Cover Material:
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES
	Comments: Vestina well fields for production Vegures engine and turbing eluthorn
D.	Surface Water Management: Storm Events Since Last # / Est. Volume 2/* EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
E.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:
	Landfill Operations Audit Form Page 2 of 7

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G.	Litter Control:
	Litter Present Onsite: YES VO
	Litter Present Offsite: YES NO
	Pickers Active: YES VNO # /
	Comments:
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Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken,
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۱.	Inspection of incoming Waste:
	Scale Camera Operator: YES VIO #
	Equipment Operator: YES V NO # 3
	Spotter: YES NO Y , #
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	Average Tonnage: 1,250 TPD
	Comments:
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J.	Rejected Loads:
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	Landfill Operations Audit Form Page 3 of 7

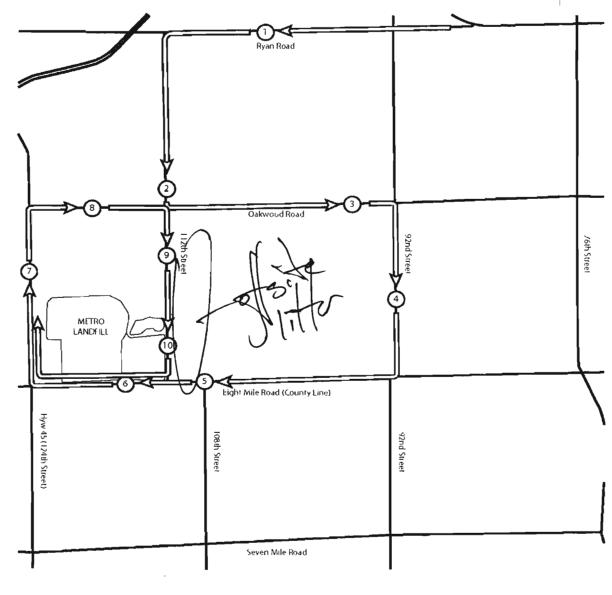
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WMWI - METRO LANDFILL Odor Monitoring Route Map



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



ADVANCED DISPOSAL SERVICES EMERALD PARK LANDFILL

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	Haul Truck			1				
_	Water Truck			1				
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WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Working face viewed Southeast



AUDIT PHOTOS - 1

JSA CIVIL - ENVIRONMENTAL ENGINEERS



Site view



Site view



West slope of Phase 9, new cover placement



North slope of Phase 9, grass recovering and cover above



May





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 05/27/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 4, 2015. The Audit was performed at 4:05 PM, on **May 7**, **2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

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

- Working face in the middle of Phase 9
 - Using equipment to distribute tipped waste and place cover
- Soil loads tipping in Phases 6 & 7
- One compactor, one dozer, one excavator and one haul truck active during audit
- Landfill direct soils in use for daily cover
- All leachate discharging to MMSD; no recirculation
- Gas destruction 2,500 cfm
 - No flares, 1 Turbine and 4 Engines in operation
 - Gas quality & volume preventing use of additional turbine
 - No shut downs since last audit
- One rain event since last audit, approximately 1"
 - Storm was minor
 - · Ditches and slopes under going clean-up
 - Much of site is greening up
- Accepting occasional liquid loads
- No odors on or off-site
- Litter present on-site; clear off-site
 - · Three pickers working
 - · Off site litter has been cleared since last audit
 - Trees cleaned of blowing of debris
- US 45 and 8-Mile Rd clean; site roads gritty
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average tonnage 1,200 TPD
 - Waste being tipped is a mostly MSW ,some soils

Attachments:

- No rejected loads
- Random load inspection 5/4/15
- Residential drop-off closing near end of audit audit
 - Area clean

Comments:

- Site slope restoration projects have begun Ditch cleaning is underway

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 TIME DATE _____ May 7, 2015 TEMP Maximum °F Minimum 80 30.04 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS DESCRIPTION No. Rented Contracted DESCRIPTION Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. No. DESCRIPTION Broken Maintenance DESCRIPTION Broken Maintenance Working Face Size and Location: 2410 N. Palmer Street

Landfill Operations Audit Form

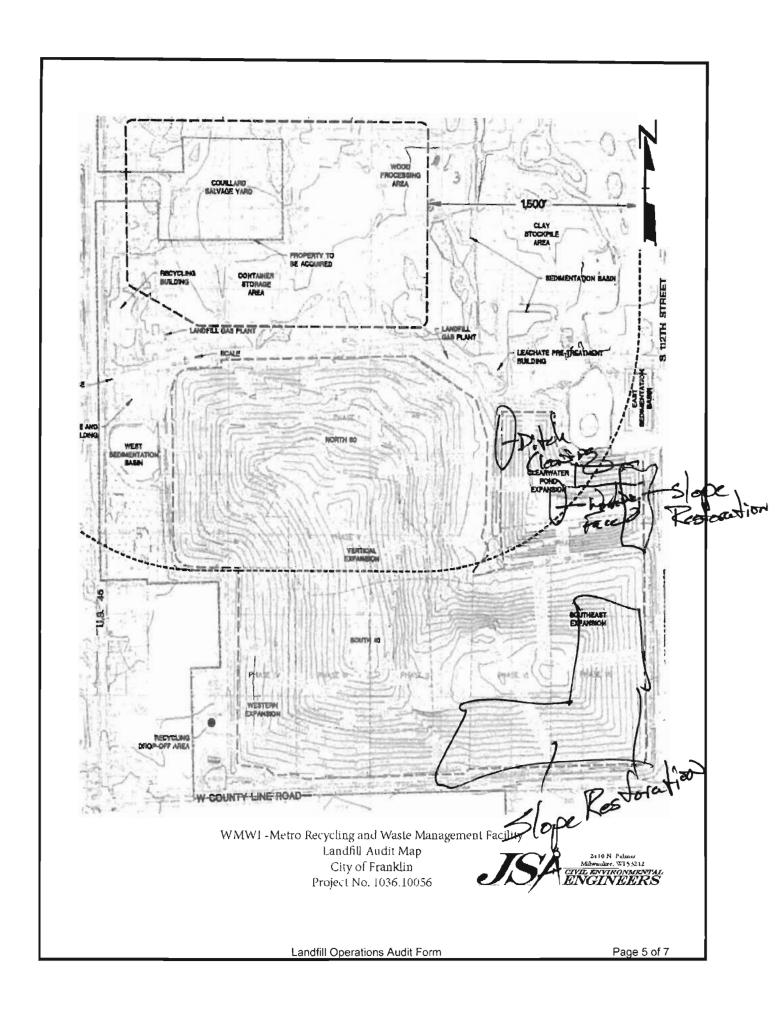
Page 1 of 7

	Cover Material:
	Site soils
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box.
	Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2,500 cfm
	Comments: Gas quality and volume presenting Fighting officer turning
D.	Surface Water Management: Storm Events Since Last # Last Est. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
	Site cleaning up ditches & slopes, Mostares agent
E.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:
	Landfill Operations Audit Form Page 2 of 7

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G.	Litter Control:
	Litter Present Onsite: YES NO Litter Present Offsite: YES NO NO Pickers Active: YES NO H 2
	Comments:
H.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. USALS & SMILE Clean, Site roads guilden.
	Inspection of incoming Waste: /
). 	Scale Camera Operator: YES NO # (Equipment Operator: YES NO # 3
	Spotter: YES NO ##
	Random Load Inspection Dates: Average Tonnage: Average Tonnage:
	Comments:
J.	Rejected Loads:
	Date/Time Reason for Rejection 1.
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L.	Residential Drop Off: Open During Audit
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	Landfill Operations Audit Form Page 3 of 7

L. Other Comments:	
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Management Signature: Management Printed Name: Date: 5/1/2	13
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Landfill Operations Audit Form Page 4	of 7

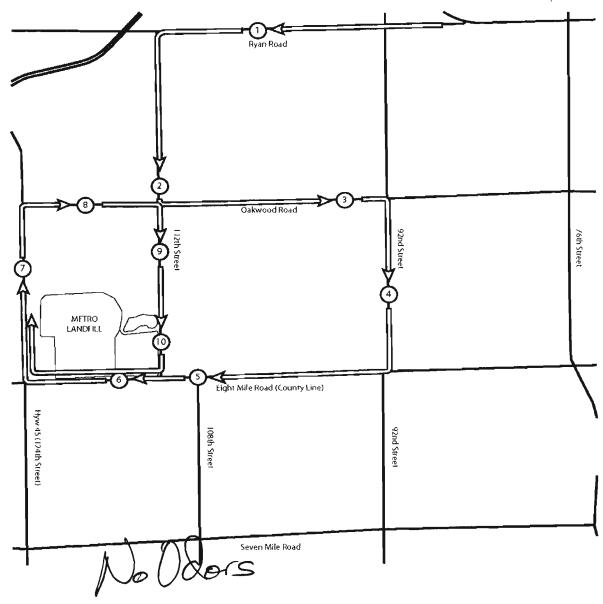
Landfill Operations Audit Form



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



Over view of Phase 9



AUDIT PHOTOS - 1



Phase 9



North slope of Phase 6 & 7



West slopes of Phase 9 back dragged



Working face in Phase 9



East slope of Phase 9



South slope of Phase 6&7, greening up nicely, but still has rill repairs to be done.



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

Copies: File

DATE: 06/02/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of May 18, 2015. The Audit was performed at 10:58 AM, on **May 22, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Active face in middle of Phase 9
 - Receiving all wastes except for asbestos loads
 - Asbestos loads tipped in trench in Phase 6 or 7
- Soils in use for daily cover
- One compactor and two dozers at work during audit
 - One haul truck out for repairs
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine down due to low methane supply
 - No shut downs since last audit
 - Gas destruction 2,560 cfm
- Two storm events since last audit, slightly over 1"
- Basins have been drained
 - To facilitate cleaning and repairs
- Erosion repairs and site wide dragging of flagged material on slopes is ongoing
- No liquid loads
- No odors on or off-site
- Litter present on-site; clear off-site
 - Three active litter pickers
 - Off-site litter has been cleared
 - · On-site litter in ditches and snagged on fences
- US 45 and 8-Mile Rd dusty; site roads recently improved with asphalt grindings
- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is MSW and Asbestos

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- No rejected loads
- Residential drop-off open during audit
 - Area clean
 - Boxes mostly empty

Comments:

- Site erosion being effectively addressed by landfill staff
- Repairs and seeding of excavation at the "old hill" is complete
- · Recent erosion repairs are being seeded by staff

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE _____ May 22, 2015 Close Open WEATHER Clear Sunas TEMP Maximum Minimum. 44 °F B.P. 30.20 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted DESCRIPTION Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. Broken No. DESCRIPTION Broken Maintenance Maintenance Working Face Size and Location: 2410 N. Palmer Street Milwaukee, WI 53212 IL ENVIRONMENTAL VGINEERS

Landfill Operations Audit Form

Page 1 of 7

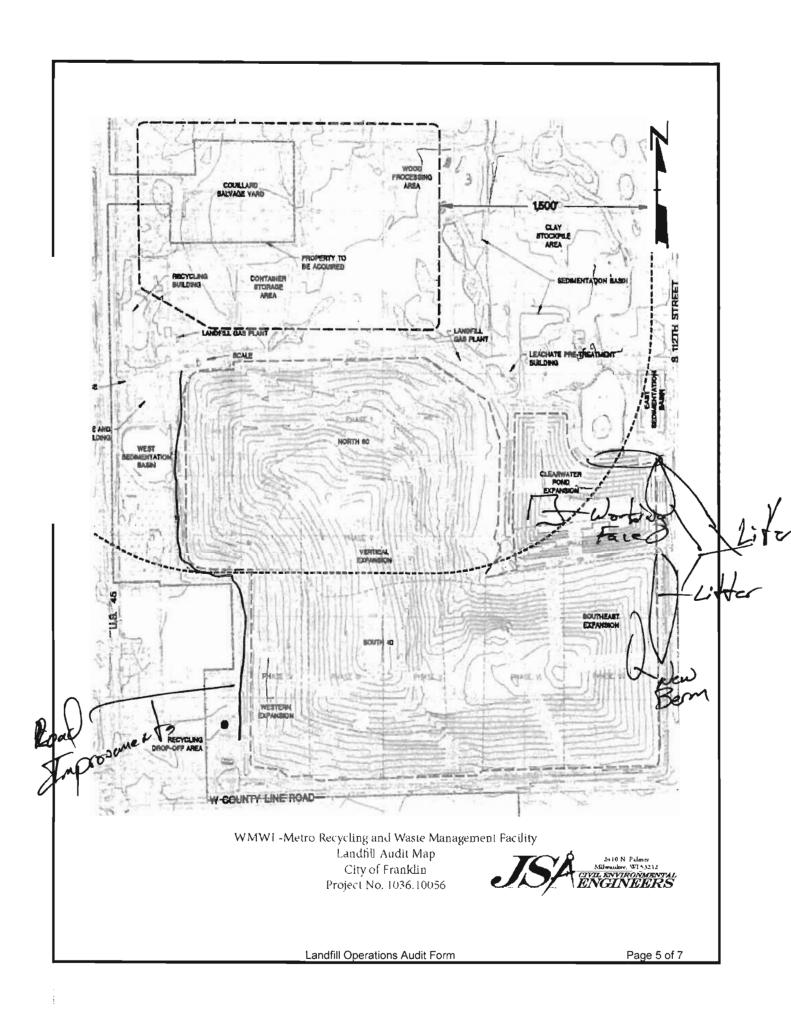
	Cover Material:
	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 25 Co cfm
	Turbine down due to lock of Methane
D.	Surface Water Management: Storm Events Since Last # 2 Est. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
E.	Odor Control: Odors Present: Comments: Onsite Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:

Landfill Operations Audit Form

Page 2 of 7

_	
	Litter Control:
G.	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO V
	Pickers Active: YES NO # 5
	Comments:
	Litter of ente elected, onbite liter in distales
	and fences what construction
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken,
Π.	instances of trucks on County roads.
	115 - 0 2 8 5 6
	UDAS JOS CM. 18 CIEM, DITE TONAS
	in proved with and torindings
	in proved with application of s
ı	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES NO #
	Spotter: YES NO #
	Random Load Inspection Dates:
	Average Tonnage: 1, 700 TPD
	Comments:
	MSW & Hopeston (NM
J.	Rejected Loads:
	Date/Time Reason for Rejection
	1. A
	2. Jone
	•
l	
L.	Residential Drop Off: Open During Audit
	Tropatt clean, boxes mostly empty
	Landfill Operations Audit Form Page 3 of 7

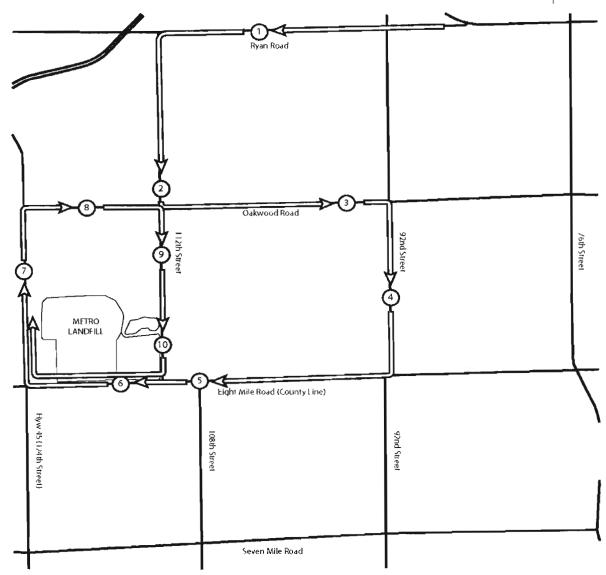
L. Other Comments:
A Site 1005 in being addressed for
1.01.11
to excavation
To the Uld Aill complete.
* Seeling to erosion repairs ongoing
all in house
<u> </u>
Auditor's Signature: Date: 5/22/15
Auditor's Printed Name: O-Walter Spear, Jr.
Management Signature: Date: 5/29/13 Management Printed Name: Trevis Thorson
Management Title:



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



Over view of Phase 9



AUDIT PHOTOS - 1



Junction between Phase 9 and Phase 7



Middle and working face in Phase 9



Northwest corner of Phase 9



Northern slopes of Phase 9



Extension of diversion berm from closed portion to intermediate cover.



South slope of Phase 6&7, slope mostly green accept for ditch slopes



June





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 08/05/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 8, 2015. The Audit was performed at 2:38 PM, on **June 11**, **2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

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

- Working face in Northeast corner of Phase 9, at outer limit of footprint
 - All materials, with exception of asbestos, delivered to working face
- Soils and tarp used for daily cover
- · One compactor and two dozers active during audit
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
 - Pretreatment plant in operation
- No flares, 1 Turbine and 4 Engines in operation
 - No information on shut downs available
 - Gas destruction 2.500 cfm
- Gas quality and volume not sufficient to fuel both turbines
- One storm event since last audit, less than 1"
 - Rain off and on during audit
 - Erosion impacts greatly reduced since last audit
 - Repaired slopes beginning to green
- No odors on or off-site
- Litter present on-site; off-site clear
 - One active litter picker
 - Litter minimal
 - Off site litter present but greatly reduced
- US 45 and 8-Mile Rd clean; site roads wet, but passable
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Incoming waste mixture of MSW and asbestos

Attachments:

- No rejected loads
- Random load inspection 6/5/15
- Residential drop-off open during audit
 - Area clean
 - Some boxes full

Comments:

- Newest capped areas, over Phases 6 and 7, are green
 - Erosion damage repaired and covered with green vegetation
- Previous sloppy cover placement greatly improved since last audit

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

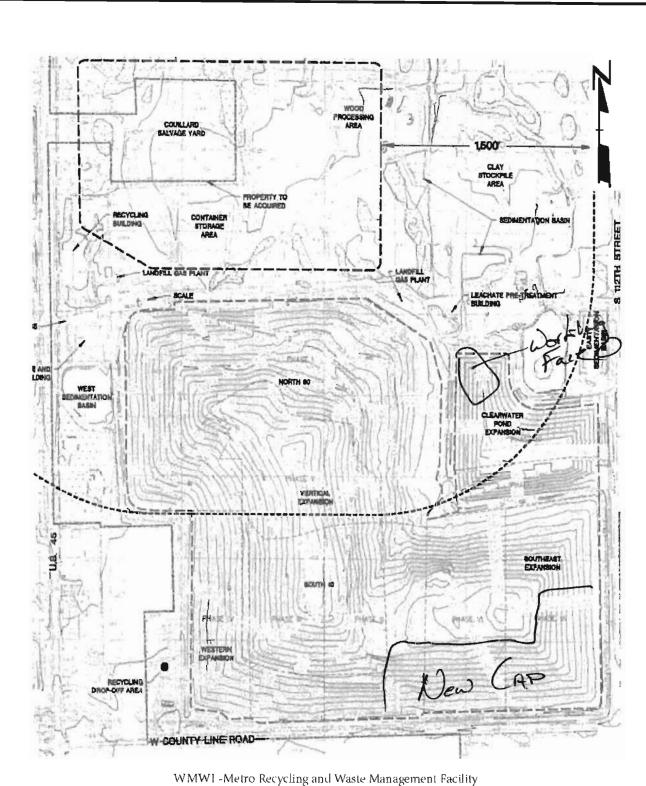
			MWI – METF				
		LANDFI	LL OPERATI				
			CITY OF F	RANKLIN	1		
PROJEC	T NO. 1036.10056						
DATE	- т	14 2015					20
DATE	EJune Auditor on site at:	Open		Close		TIME <u>2:</u>	<u> </u>
					1/10		10-20
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							27.00
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No.	DESCRIPTION	Rented	Contracted	No.	DESCRIF	TION Rented	Contracted
	Compactor						
2	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	QUIPMENT BONEYARD		 		1		 ,
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIP	TION Broken	Maintenance
				 			
	_				<u> </u>		
Working	Face Size and Locat	ion [.] C	. 1	r	,		1
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	· King face	100	<u> </u>	14 12	17 1als	, pus	
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						- d	2410 N Dalmar Chroni
						TSA	2410 N. Palmer Street Milwaukee, WI 53212
					-		CIVIL ENVIRONMENT



	Cover Material: Soils & Yearp in use for conce
B.	Discharge to MMSD Plant in specation
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 7,500 cfm
	Gas quality and summe not sufficient for both turbines.
D.	Surface Water Management: Storm Events Since Last # Est. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
E.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:
l	Landfill Operations Audit Form Page 2 of 7

G.	Litter Control: Litter Present Onsite: YES V NO
	Litter Present Offsite: YES NO Pickers Active: YES NO # /
	Comments
	Liter sera minima
	
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.
	115 ds & OM: 1
	- (13 16 C) (TE VOICE (EA)
	Site roads wet but passable
	Inspection of incoming Waste:
I.	Scale Camera Operator: YES VIVO #
	Equipment Operator: YES NO # 3
	Spotter: YES NO V #
	Random Load Inspection Dates: Average Tonnage: Average Tonnage:
	Average Tulliage.
	Comments:
	MSW and Asbestos
J.	Rejected Loads:
	Date/Time Reason for Rejection
	1. 2.
L.	Residential Drop Off: Open During Audit
	Site clean, some poxes ou
	SHECTORE, SOME PORTS
	Landfill Operations Audit Form Page 3 of 7

L. Other Comments:
* New capped area over these let 7
in viga to tion
* Previous cover placement greaty improve
since land and it.
Auditor's Signature: Auditor's Printed Name: O-Walter Spear, Jr.
Management Signature: Management Printed Name: Management Title: Management Title:
JSA Principal Signature Date:



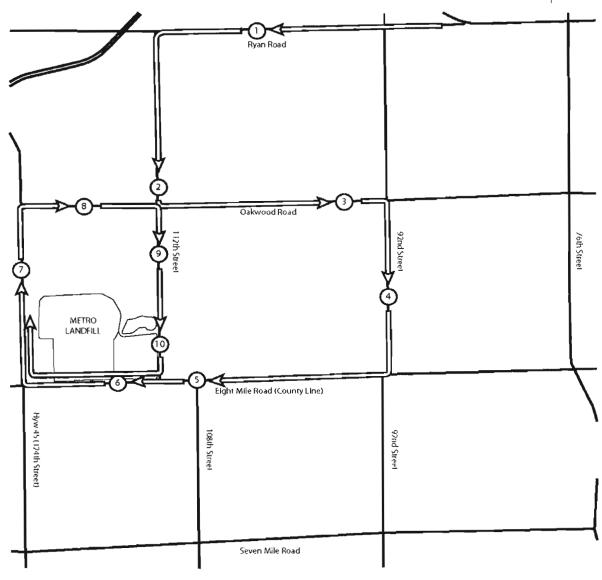
Landfill Audit Map City of Franklin Project No. 1036, 10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Over view of Phase 9



AUDIT PHOTOS - 1

JSA CIVIL - ENVIRONMENTAL ENGINEERS



Active area, North end



Active area, South end



Working face on Northwest corner of Phase 9, on slope



Ditch line and West slope of Phase 9



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 08/06/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of June 29, 2015. The Audit was performed at 11:00 AM, on June **30, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face in center of West slope of Phase 9
 - MSW loads tipped in active area of Phase 9
 - Soils and asbestos tipped in Phases 6 & 7
- Site soils and tarps used for daily cover
- One compactor, one dozer and one excavator working on site during audit
- All leachate discharging to MMSD; no recirculation
- No flares in use during audit
- One turbine and 4 Engines in operation
 - Turbine down due to low gas volume
 - No shut downs since last audit
 - Gas destruction 2,900 cfm
- Gas levels have improved
 - Second turbine on line when viable
- Four rain event since last audit, slightly over 2"
 - Site very green
- Ditch line repairs in Phases 6 & 7 complete
- Repairs to upper portions scheduled for after next mowing
- No odors on or off-site
- No liquid loads
- Minimal litter present on-site; clear off-site
 - Wild flowers in abundance due to rains
 - · Two litter pickers at work installing fencing
- US 45 and 8-Mile Rd clean; site roads showing wear
 - · Road repairs planned for end of July

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1200 TPD
 - Waste being tipped is a mostly MSW and some special wastes
- Random load inspection 6/22/15
- No rejected loads
- Residential drop-off open during audit
 - Area clean

Comments:

- Active area slopes have been graded with compost
 - Seeding scheduled for next week
- Working face will be temporarily moved to Phases 6 & 7 next week to fill settled area

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE ____ June 30, 2015 TIME // 100 Close Auditor on site at: TEMP Maximum 70 °F Minimum 53 °F MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted DESCRIPTION Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken No. Maintenance DESCRIPTION Broken Maintenance Working Face Size and Location:



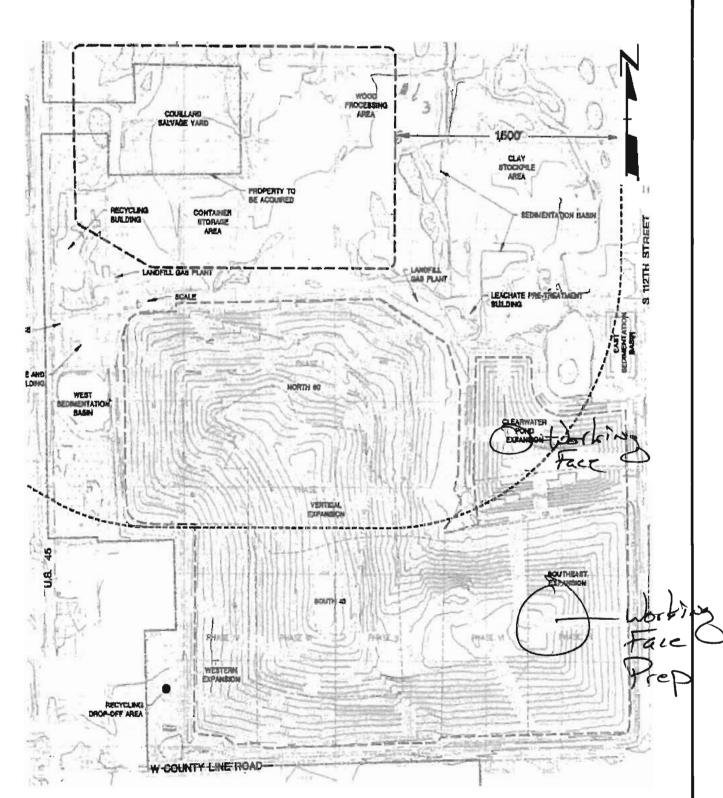
	Cover Material:
В.	Leachate Management: Discharge to MMSD
	Con Manifesting and Management. Charles appropriate have
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2,900 cfm
	Geslevels up, second turbine on his when
D.	Surface Water Management: Storm Events Since Last # 2 Est. Volume 22"
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
E.	Odor Control: Odors Present: Comments: Odos Jacks Jacks
F.	Liquid Loads Recieved:

Landfill Operations Audit Form

Page 2 of 7

	1. Was Caretask
G.	Litter Control: Litter Present Onsite: YES NO NO
	Litter Present Offsite: YES NO
	Pickers Active: YES NO # 7_
	Comments:
	Fickers INS talling tencina
	There is a imm
	Walkiela luuraata.
Η.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.
	116 1/2 de a Norta a 11 / 2 Col a 0
	US 45 98 Mile roads clean. Dite roade
	LYCKING DOLDN. REPORTS CADECAED COOR & Jaly
I.	Inspection of incoming Waste:
	Scale Camera Operator: YES VIO #
	Equipment Operator: YES NO # 3 Spotter: YES NO ##
	Random Load Inspection Dates: 6/22/15 Average Tonnage: 7/500 TP
	processes formage.
	Comments:
	MSW MORTH & Some & Decial Walted
	0 (
J.	Rejected Loads: Date/Time Reason for Rejection
	1.
	2.
	/
L.	Residential Drop Off: Open During Audit
	Site elen
	Landfill Operations Audit Form Page 3 of 7

Other Comments: Scadol with compost. Seeding	10
Dorbing face week will be a top of those 6+7 to fill settle	ment
Auditor's Signature: Auditor's Printed Name: Auditor's Name: Auditor's Name: Auditor's Name: Auditor's Printed Name: Auditor's Name	Date: 6/80/15
Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature	Date: 6/30/15



WMW1 - Metro Recycling and Waste Management Facility

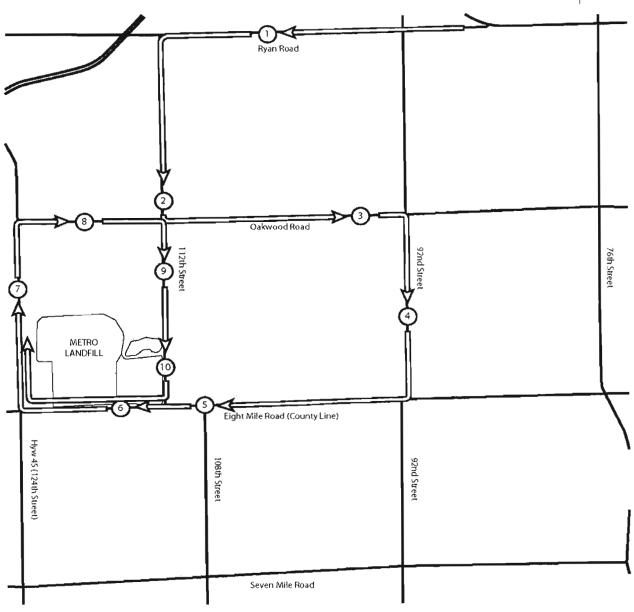
Landfill Audit Map City of Franklin Project No. 1036,10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



South end of Phase 9, future overlay location



AUDIT PHOTOS - 1



Working face viewed from the West



Working face, small and on the slope



Working face on Northwest corner of Phase 9, on slope



Ditch line and West slope of Phase 9



July





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 08/12/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of July 13, 2015. The Audit was performed at 2:50 PM, on **July 16,, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face in middle of Phase 9
 - Active working face more compact than usual
 - All waste going into this face
- · Yesterday's active face receiving cover on North slope
 - Tarps had been used as temporary cover
 - Soils in use for daily cover today; tarps used last week
- One compactor, one dozer and one excavator active during audit
 - One excavator in for maintenance
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine down due to low gas volume
 - No shut downs since last audit
 - Gas destruction 2,440 cfm
- Both turbines were in use simultaneously one day during the past week
 - Gas volume too low for both turbines now
- Five rain events since last audit, approximately 3"
 - Side slopes greening up well
 - Vegetation too lush to identify erosion rills
- No odors on or off-site
- · One liquid load during in past week
- Litter present on-site; clear off-site
 - One picker active during audit
 - Two litter pickers worked in AM
 - Litter minimal
- US 45 and 8-Mile Rd clean; site roads dusty, some potholes

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,220 TPD
 - Waste being tipped is composed of MSW, special wastes and one liquid load
 - No rejected loads
 - Random load inspection 7/10/15
- Residential drop-off open during audit
 - Area very clean
 - Boxes mostly empty

Comments:

- Soil removal in Phases 6 & 7 ongoing to accommodate future waste placement
- Gas header to be placed sub grade next week by contractor

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE July 16, 2015 TIME 2:51 Close Auditor on site at: 5-15 WIND TEMP Maximum °F Minimum °F B.P. 30.02 71___ 65 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted DESCRIPTION Rented Contracted 1 Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. No. Broken Maintenance DESCRIPTION Broken Maintenance Working Face Size and Location:



	Soils rouse today with turps last week
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check-appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2440 cfm
D.	Surface Water Management: Storm Events Since Last # 5 Est. Volume 73" EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste
	Site conditions execulde up on side Stopes. Degetation to lish to identify Crosion
E.	Odor Control: Odors Present: Comments: Onsite Onsite Offsite Notes on odor monitoring page Monotharia
F.	Liquid Loads Recieved:

Landfill Operations Audit Form

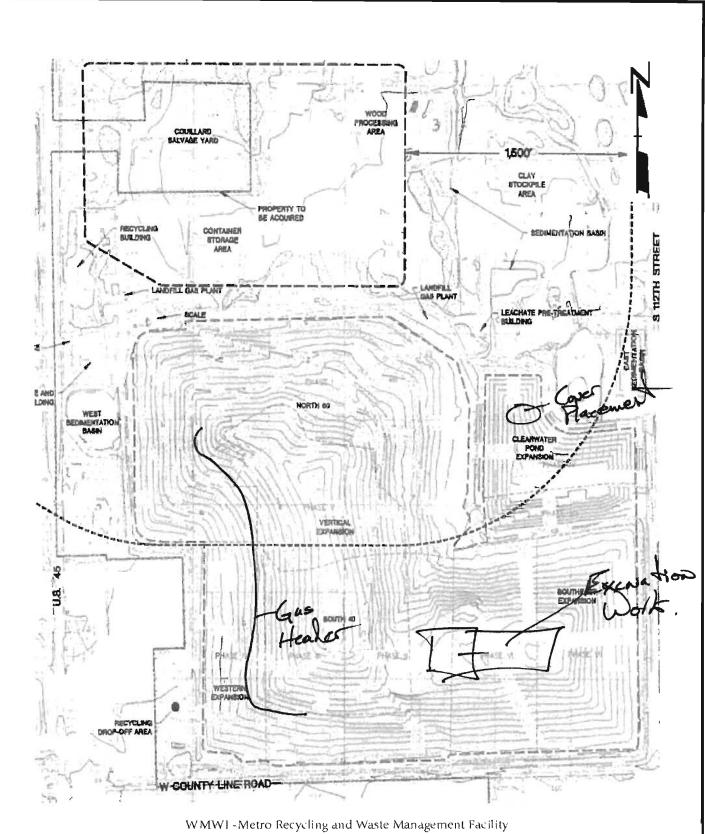
Page 2 of 7

	Litter Cantral
G.	Litter Control:
	Litter Present Onsite: YES NO
	Litter Present Offsite: YES VO
	Pickers Active: YES NO # 1
	Comments:
	_ wo pickers this Am. Liter minimal.
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.
	113 HS 3 6 Me road chear Site roads
	dusty and some pot holes
١.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES NO # 3
	Spotter: YES NO #
	Random Load Inspection Dates:
	Average Tonnage: 120 TPD
	Comments:
	Msw, special wastes, and light load
	Rejected Loads:
J.	Date/Time Reason for Rejection
	1. Neason to rejection
	2. /000
	Residential Drop Off: Open During Audit
ш.	
	Very clear. Boxes mostly empty
l	

Landfill Operations Audit Form

Page 3 of 7

Other Comments:	
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and since the we	
Waste Havement	
to get healer about Ob hell to be	
placed subgrado Next week by	
Contractor	
	
	
	/ /
Auditor's Signature:	Date: 4 /16/1
Auditor's Printed Name: Jo-Walter Spear, Jr.	
Management Signature:	Date: 7//6/
Management Printed Name: Travis Thorson	/—/
Management Title: ⚠ M JSA Principal Signature	D. (
	Date:



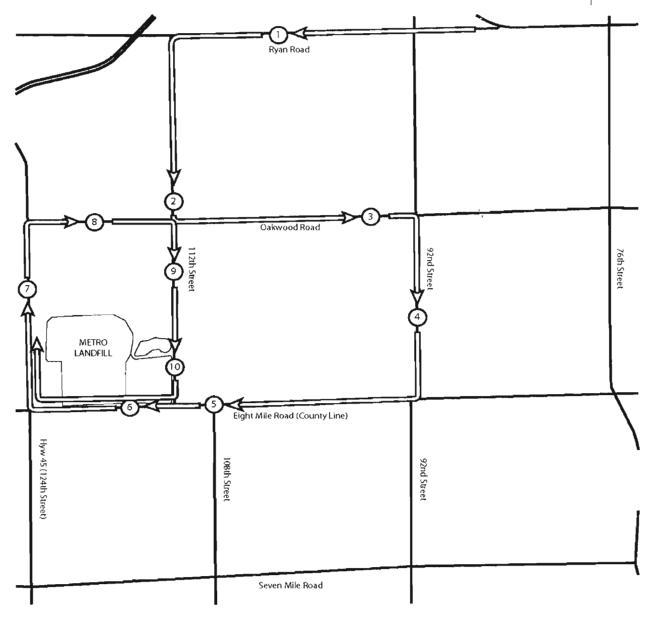
Landfill Audit Map City of Franklin Project No. 1036,10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Excavator actively removing cover soils to allow placement of waste in Phase 6&7. Cover depth is excessive making excavation lengthy.



AUDIT PHOTOS - 1



Future lay over area for expansion.



Overview of Phase 9 from the West.



Working face on Northwest corner of Phase 9, receiving cover soils. Previously covered by tarps



North slope of Phase 9 receiving daily and intermediate cover, prior to compost and seeding.



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 08/12/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of July 31, 2015. The Audit was performed at 1:45 PM, on **July 31**, **2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face in middle of Phase 9
- Overlay approval may occur prior to additional filling in Phases 6 & 7
- Soils from Phase 7 being harvested for cover
 - Additional cover being added, too during audit
 - Sit soils and tarps used for daily cover
- One compactor, two dozers and one excavator
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine down due to low gas volume
 - Periodic shut downs since last audit
 - Gas destruction 2,565 cfm
 - Both turbines have been lit as gas volume and quality permit
- No precipitation since last audit
 - · Dry conditions on site
 - Basin covered with vegetation
- Ordor noticeable on East side of Phase 9 only
- Liquid loads generally rare
 - Some received this week
- Litter present on-site; clear off-site
 - Two active litter picker
 - · Severe litter in tall fence
 - Litter controlled effectively by wind screens
- US 45 and 8-Mile Rd clean; site roads dusty and in need of grading
- Tipping scale camera and equipment operators at work; no spotter

Attachments:

- Average MSW tonnage 1,500 TPD
 - Waste being tipped is MSW, special wastes and bio soils
 - No rejected loads
 - Random load inspection 7/13/15
- Residential drop-off open during audit
 - Area clean
 - Low activity

Comments:

- Mowing activity this week
 - Old hill area being mowed
 - Mowing should be complete tomorrow
- 90 day notification for rill repair on South slope of Phases 6 & 7

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN

PROJECT NO. 1036.10056

WEATHER TEMP	Auditor on site at:	Open F	Minimum L OPERATIO	Close Out	Z wind	// / / / / / / / / / / / / / / / / / /	-25 S E W
	DESCRIPTION		Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor	rented	Contracted	10.	DESCRIPTION	rverited	Contracted
2	Dozer					1	
1	Excavator						
	Haul Truck						+
	Water Truck						
MAJOR EQI	JIPMENT BONEYARD	•	·	_		-	
	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
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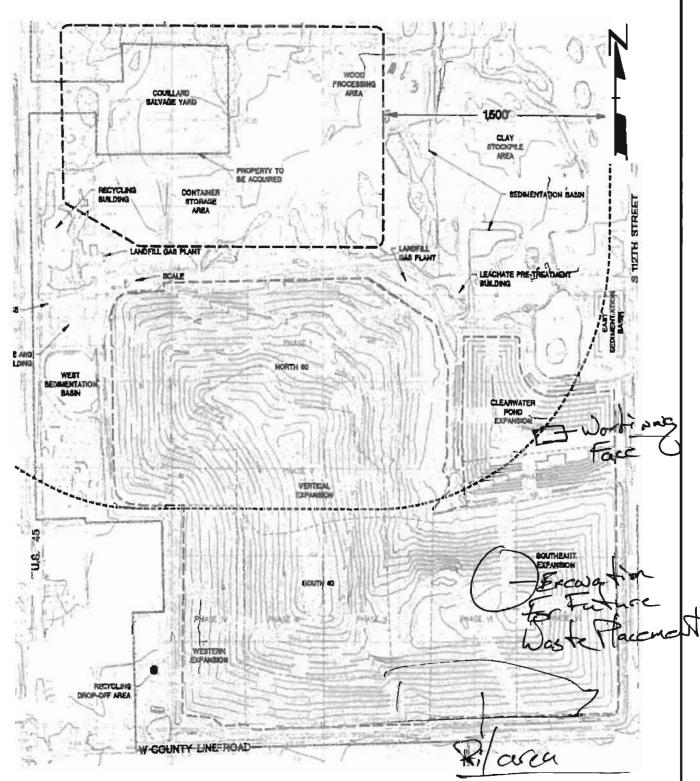
	Cover Material: 5. te soils & tarps
В.	Leachate Management: Discharge to MMSD .
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2565 cfm
D.	Comments: Doll fur bivies Last Dollar D
E.	Odor Control: Odors Present: Onsite Onsite Notes on odor monitoring page Comments: Liquid Loads Recieved: Arc Some (Cillud his wife)

Landfill Operations Audit Form

Page 2 of 7

G.	Litter Control:
	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO V
	Pickers Active: YES VNO # 2
	Comments:)
	little Del control et on Wind Secrens
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 & DMile Koad Clean
	M3-13-7 CITE ROAX CIEM
	Site loads distributed areais
	Inspection of incoming Waste: /
I.	
	Spotter: YES NO #
	Random Load Inspection Dates: 7/3/1/5
	Average Tonnage: 1,500 TPV
	·
	Comments:
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	, , , , , , , , , , , , , , , , , , ,
J.	Rejected Loads:
	Date/Time Reason for Rejection
	1.
	2. / Von C
L.	Residential Drop Off: Open During Audit
	100 of orea c can, ow activity
	Landfill Operations Audit Form Page 3 of 7

L. Other Comments:
Other Comments: Moustage of the west west and the completed to marrow 70 Day Doublication for ril regard on South slope of these south
Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature Date: 751/15



WMWI - Metro Recycling and Waste Management Facility

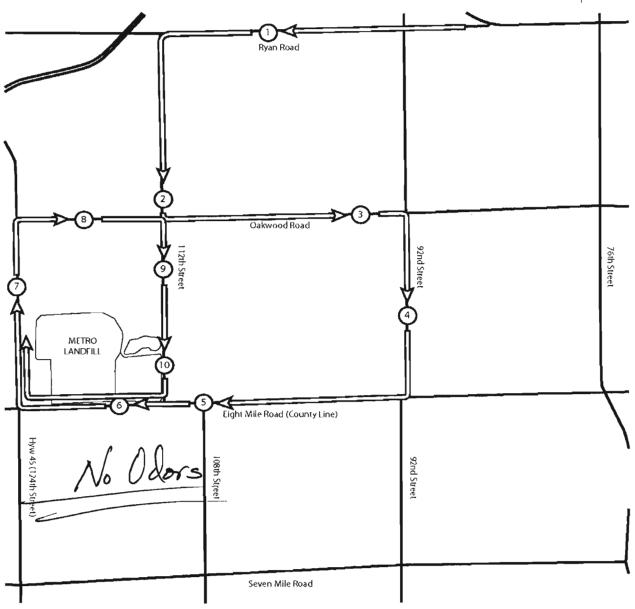
Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of Northern portion of site



AUDIT PHOTOS - 1



Overview of Phase 9



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



North slope of Phase 9, compost and seeded



West slope of Phase 9



August





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 10/16/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 10, 2015. The Audit was performed at 12:55 PM, on **August 14, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Very small working face in middle of Phase 9
 - On outboard Southwest corner
- Harvesting site soils from Phases 6 & 7 for cover
 - Soils and tarps used for daily cover
- One compactor, one dozer and one tractor with a bar blade in use during audit
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - Gas quality and volume preventing use of both turbines
 - No information available about recent shutdowns
 - Gas destruction 2.500 cfm
- No precipitation since last audit
 - Dry conditions on site
- Site erosion from past storms to be addressed next week
- · Odor noticeable at working face only
- No odors off-site
- No liquid loads
- Litter present on-site; clear off-site
 - One active litter picker
 - Most litter controlled by wind screens
- US 45 and 8-Mile Rd clean; site roads have been improved
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,300 TPD
 - Waste being tipped is MSW and some special wastes
 - No rejected loads
 - Random load inspection 8/14/15

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- Residential drop-off open during audit
 - Area clean
 - Boxes mostly empty

Comments:

- Erosion repairs to begin next week on new cap
- Residential Drop-off area will be reconfigured next week
 - Yard waste collection area will be moved further to the North
- Soils excavated from Phases 6 & 7 are being used for cover in Phase 9
- Contractor will be placing subgrade gas lines in old hill

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN

PROJEC	T NO. 1036.10056						
DATE	EAugi	ust 14, 201	15		ТІМ8		?: 55
VEATHER	Auditor on site at:	Open	Auni D	Close	sible vai wini	S	-15 Stea S E 00
TEM	Maximum9	0 4	°F Minimum	69		30.0	
	EQUIPMENT USED I	_					
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
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	Excavator			1			
	Haul Truck						
	Water Truck	1	h				
- (Truckorn/E	ble	e 7				
MAJOR EC	UIPMENT BONEYARD						
No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
Working	Face Size and Locati	on:			0		_
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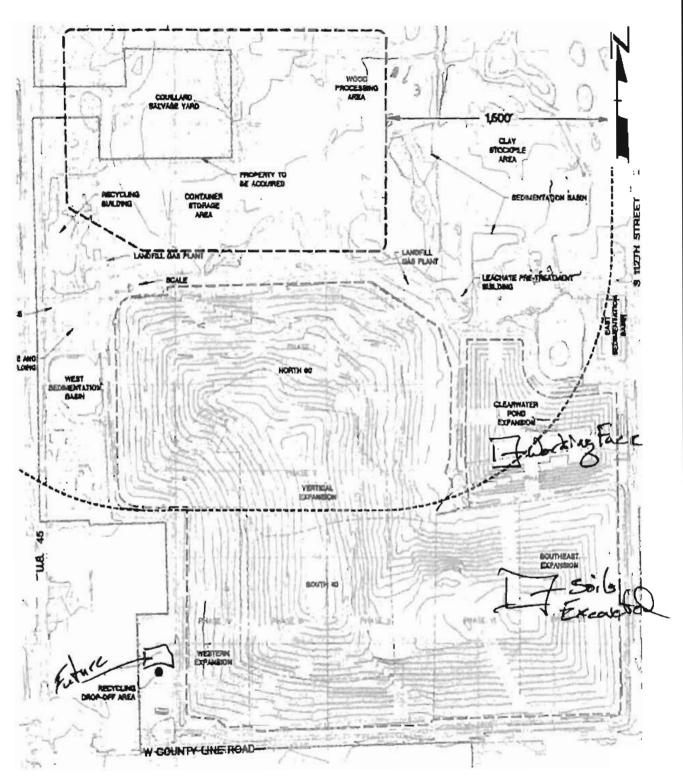
	Cover Material: Site Soils From Phase 6 : 7, also tarps
3.	Leachate Management: Discharge to MMSD
D.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2,500 cfm
Ο.	Surface Water Management: Storm Events Since Last # Est. Volume EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
Ξ.	Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments: Liquid Loads Recieved:

Landfill Operations Audit Form

Page 2 of 7

_	Litter Control:
G.	
	Litter Present Onsite: YES VINO LILITER Present Offsite: YES NO VI
	Pickers Active: YES V NO #
	Comments:
	Six cleaned most somes empty
H.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.
	Inappartian of inapping Maste:
۱.	Inspection of incoming Waste: Scale Camera Operator: YES VIO # /
	Random Load Inspection Dates:
	Average Tonnage: 1,300
	Comments:
	MSW & Opecials
J.	Rejected Loads:
	Date/Time Reason for Rejection
	1.
	2. Due
	•
L.	Residential Drop Off: Open During Audit
	Cité in o peration
	Landfill Operations Audit Form Page 3 of 7

other Comments:	
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being used as cover in the	se 7,
Contractor to place agas lives	, surrace
in old hill	
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	_/,/
Auditor's Signature:	Date: 8/14//
Auditor's Printed Name: Jo-Walter Spear, Jr.	
Management Signature: Trains Thorson	
Management Title:	
JSA Principal Signature	Date:



WMWI-Metro Recycling and Waste Management Facility

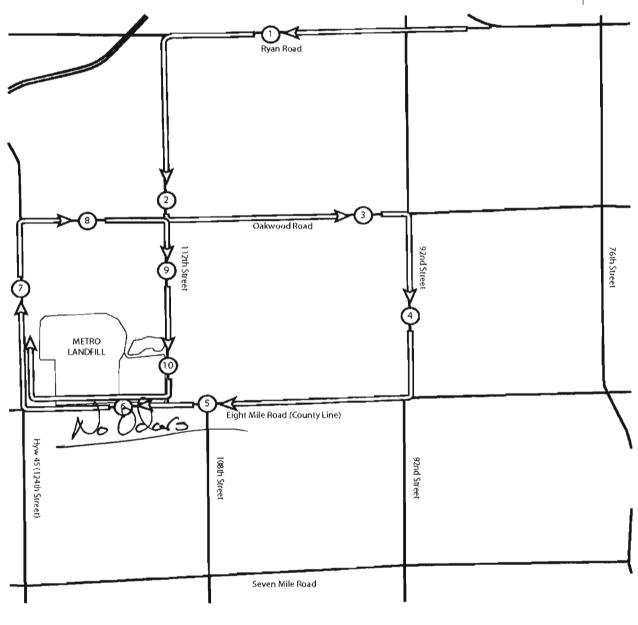
Landfill Audit Map City of Franklio Project No. 1036,10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of Phase 9



AUDIT PHOTOS - 1



Overview of Phase 9, North end



Extent of top soil placement along West slope of Phase 9, placement moving from North to South



North slope of Phase 8, intermediate cover with topsoil and now seeded



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 10/28/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of August 24, 2015. The Audit was performed at 3:10 PM, on **August 27, 2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

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

- Main working face in Northern tip of Phase 9
- Additional working face for bio-solids and asbestos in Phase 6
- Daily cover from previous days; looked very good
- · Soils stockpiled around active area are being used for daily cover
- One compactor, two dozers and one excavator active during audit
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - Gas quality and volume controls the equipment that can be used for gas destruction
 - This prevents use of the second turbine
 - No shutdowns since last audit
 - Gas destruction 2,600 cfm
- Two rain events since last audit; less than 1"
 - Basins have plenty of freeboard
 - Slopes of ditches well vegetated
- Waste odor strong about active area
- No liquid loads recently
- Litter present on-site; clear off-site
 - One active litter picker
 - Litter especially on Northeast side of Phase 9
 - Picker working in that area
- US 45 and 8-Mile Rd clean;
- Site roads clean, but rough in area near old hill
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Two working faces for solid wastes and bio soils

Attachments:

- No rejected loads
- Residential drop-off open during audit
 - Area clean and well organized
 - Boxes empty and ready for use

Comments:

- Slopes grass-covered and green
 - · Newly seeded areas greening
- Large volume of asbestos had been carelessly dumped in Phase 6
 - Barrels tumbled; not stood on end
 - · Cover was applied during audit
- · Daily cover methods have been much improved
 - Quality of materials available for daily cover have made positive impacts

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

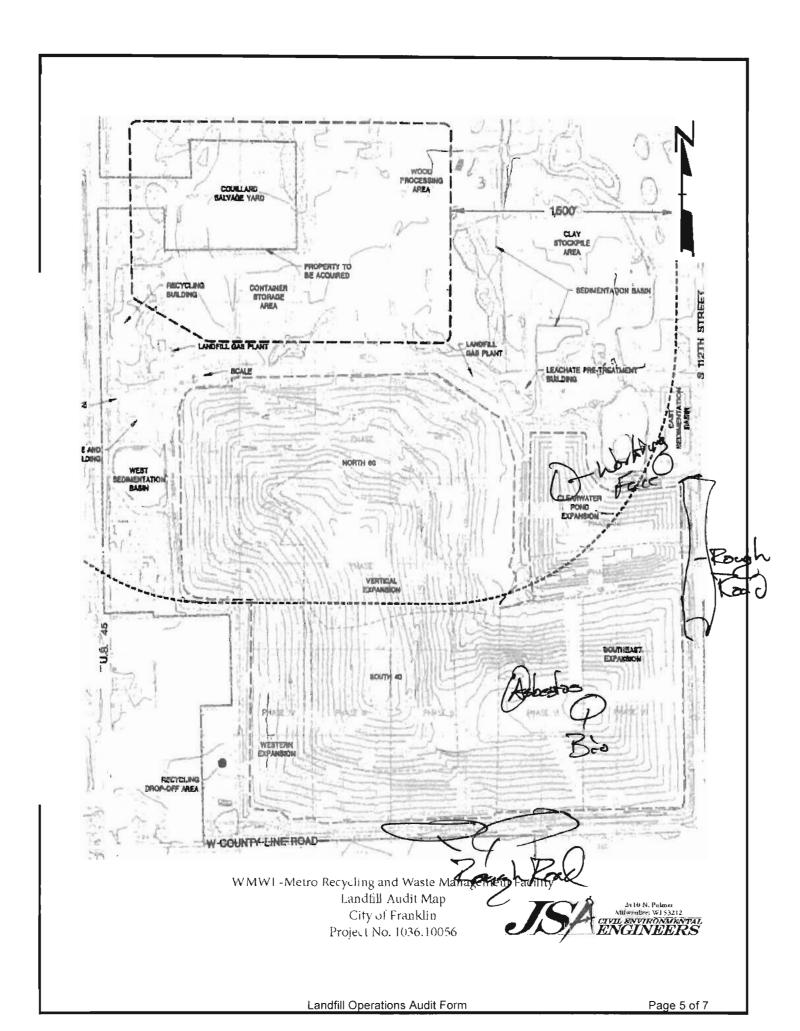
WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 TIME 3:10 DATE August 27, 2015 Close TEMP Maximum 61 B.P. 30.18 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS DESCRIPTION Rented Contracted DESCRIPTION Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken No. DESCRIPTION Broken Maintenance Maintenance Working Face Size and Location:



	Cover Material: Soils stockpiled admed Artix Area
3.	Leachate Management: Discharge to MMSD
Э.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 7 600 cfm
Ο.	Comments: Storm Events Since Last Est. Volume
E.	Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments: Oaste soor a bout active area
F.	Liquid Loads Recieved:

G	Litter Control:
Ο.	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO V
	Pickers Active: YES VNO # /
	Comments:
	Litter on Northeast Side as these
	Drekeractise in area during andit
	Δ
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken,
	instances of trucks on County roads
	115 45 28 Mile Clean
	Site pade are ting robustier about slabill
l.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES NO # 3
	Spotter: YES NO #
	Random Load Inspection Dates:
	Average Tonnage: 1200 T
	Jan San San San San San San San San San S
	Comments:
	Va Saking Carl
	YWD WOTHING TOLES
J.	Rejected Loads:
J.	Date/Time Reason for Rejection
	1. X
	2. DNC
	Residential Dren Offi Onen Duving Audit
L.	Residential Drop Off: Open During Audit
	Very alean organized and empty boxes
	Landfill Operations Audit Form Page 3 of 7

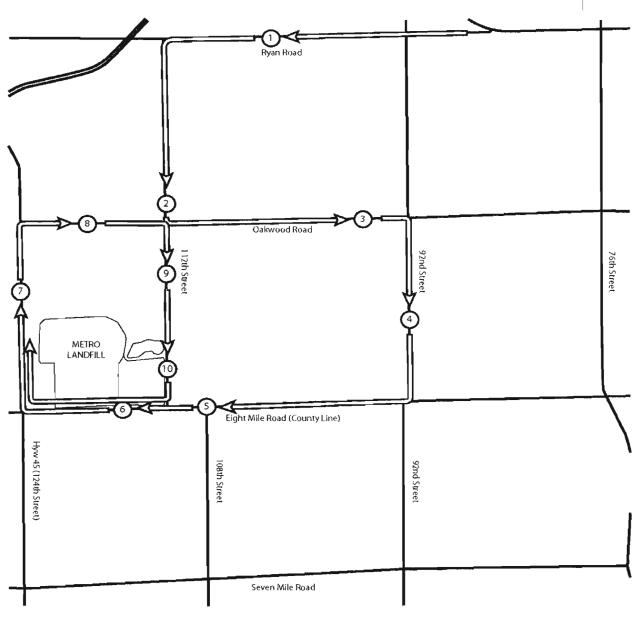
L. Other Comments:	
Other Comments: Sopre well covered and recent of the base been handled roughly at covered and covered	Letwery Drovel
Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature	Date:



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of Phase 6&7



AUDIT PHOTOS - 1



Bio-soil being tipped in the middle of Phase 6&7.



Phase 9



Overview of Resi-drop-off viewed from East, on top of old hill



Abestos tipped in Phase 6, materials should be carefully handled, barrels should be set on end, not on their sides. Asbestos was covered before the end of the audit.



More than adequate cover soils stockpiled for use



Working face viewed from the Southwest

JSA CIVIL - ENVIRONMENTAL ENGINEERS



Vegetation growth about berms and new cap

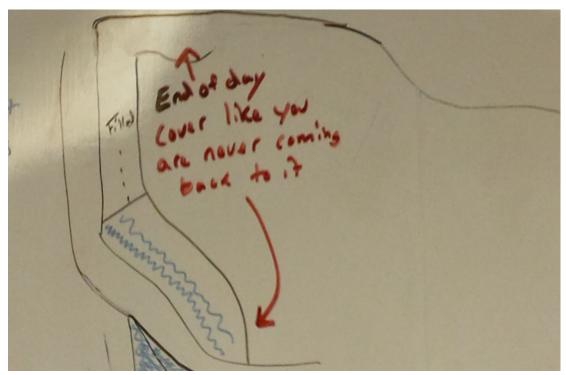


Photo in office indicating how cover shall be placed



September





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 10/28/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of September 7, 2015. The Audit was performed at 9:45 AM, on **September 9, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face now on East side of Phase 9; facing Eastward
- Tarps on South slope of Phase 9 covering cover soil stockpile
- Soils from Phase 7 being harvested for cover
- One compactor, one dozer and one excavator working on site
 - One excavator in for repair
- Landfill direct soils and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
- Gas destruction 2,427 cfm
- Gas volume and quantity has been consistent
- One storm event since last audit; less than 1"
 - Basins have adequate freeboard
- Erosion repairs were made last week and area has been seeded
- No strong odors
- Liquid loads infrequent
- Some litter present on-site; clear off-site
 - One active litter picker
 - · Picker working off-site along road during audit
- US 45 and 8-Mile Rd clean; site roads have potholes, need grading
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,500 TPD
 - Waste being tipped is MSW, special wastes and sand
 - No rejected loads
 - Random load inspection 9/5/15

Attachments:

- Residential drop-off open during audit
 - Area clean
 - Green waste are has been relocated giving area a cleaner layout

Comments:

- · Overlay construction will begin when weather clears
- Erosion repairs completed and seeded
- Header repairs completed, Backfilling with waste and cover scheduled for this week
- On-site mowing completed
- Monitoring well-testing this week

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDEILL

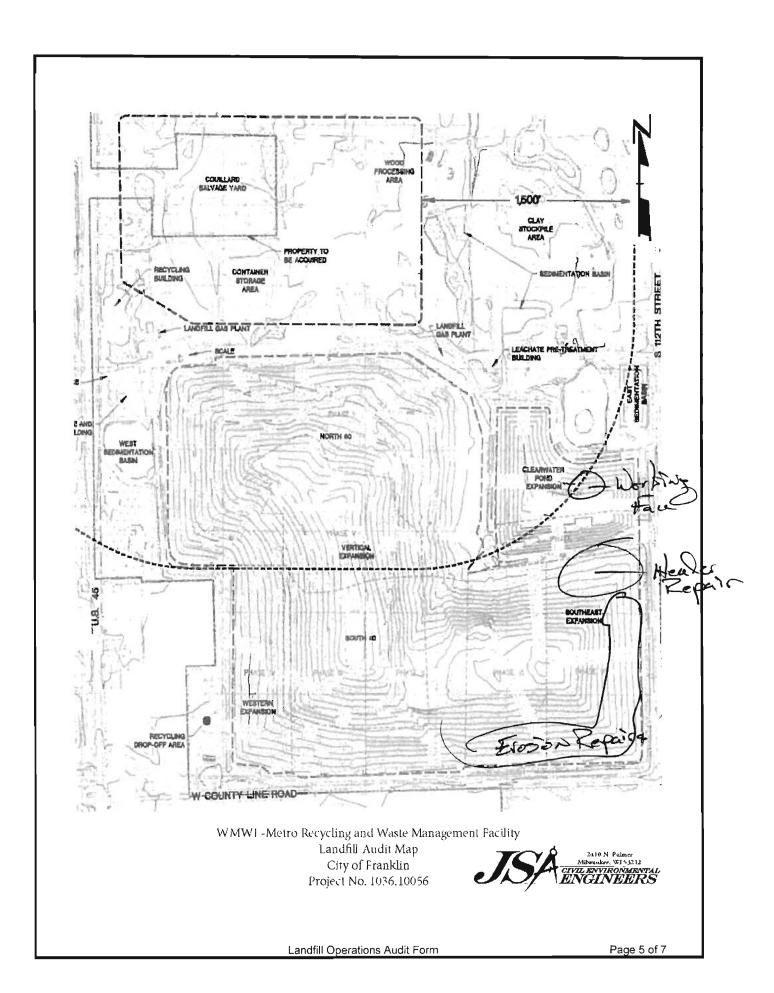
			LL OPERATION				
	OT NO. 4000 40050		CITY OF F	RANKLIN			
PROJE	CT NO. 1036.10056						
DAT	TESepte	mber 9, 20	015		TIME	9,0	45
	Auditor on site at:			Close			
WEATHE	ER High cloud	Noco	5 + \$ c	cerio	US WINE	N S	E W
TEM	1P Maximum 70	ó °	F_Minimum	50	<u>°F</u> B.P	30.01	
MAJOR	EQUIPMENT USED II	N LANDFI	LL OPERATI	ONS			
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
<u> </u>	Compactor						
	Dozer			 			
	Excavator			├		<u> </u>	
-	Haul Truck			-			
	Water Truck			-			
				-			
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		Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
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No.	Face Size and Location	pa:	TO FAS		ide of	Phase South	Maintenance
No.	Face Size and Location	pa:	TO FAS		ide of	Phase South	Maintenance



	Cover Material: Site soils & tarps
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2427 cfm
	Comments: (gas volume of quality consistent
D.	Surface Water Management: Storm Events Since Last # / Est. Volume /// EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Cos. on repairs ast week water contact c
Ē.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:
ı	Landfill Operations Audit Form Page 2 of 7

G.	Litter Control:
	Litter Present Onsite: YES V NO
	Litter Present Offsite: YES NO
	Pickers Active: YES ✓NO ☐ # /
	Comments:
	Licker a Alsoon offsite souls during
	andit
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 3 8 Mile sound clean. Site
	roads have pot holes
	TEACH TIME
ı	Inspection of incoming Waste:
	Scale Camera Operator: YES V NO #
	Equipment Operator: YES NO # 2
	Spotter: YES \(\text{NO} \(\text{V} \) #
	Indiadon Load Inspection Dates.
	Average Tonnage: //800 TPD
	Comments:
	11/12
	MSW Specials, 7 Sant
l.	Rejected Loads:
J.	Date/Time \ Reason for Rejection
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	2. / ODE
L.	Residential Drop Off: Open During Audit
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	Landfill Operations Audit Form Page 3 of 7

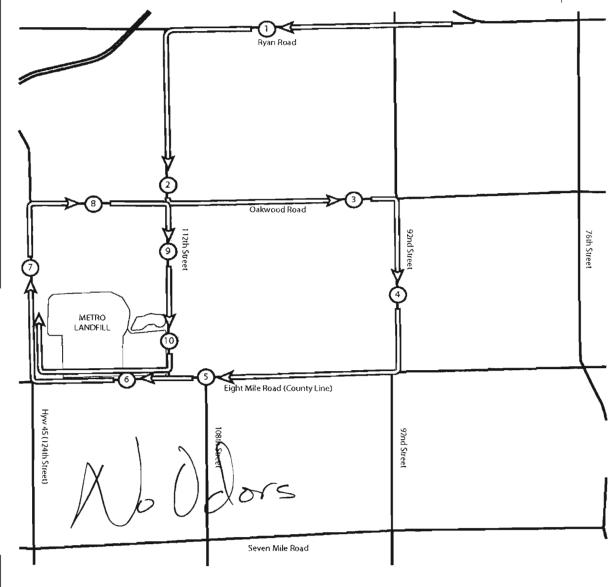
L Other Comments:
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with seeding
* Header re pairs completed waster, sackfill
this walk
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Auditor's Signature: Date: 9/9/15
Auditor's Printed Name: Jo-Walter Spear, Jr. Management Signature: Date: 7/9/15
Management Printed Name: Thavis Thorsu -
Management Title: DM Date:



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of overlay area



AUDIT PHOTOS - 1

JSA CIVIL - ENVIRONMENTAL ENGINEERS



Phase 9 overview



Northern end of Phase 9 viewed from West



Excavation of remaining soils in borrow area



West slope of Phase 9



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 10/29/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of September 28, 2015. The Audit was performed at 12:01 PM, on **September 29, 2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

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

- Working face in Eastern edge of Phase 9
 - Tarp deployed to protect slope during filling and tipping
- Soils and tarp used for daily cover
 - Tarp on East slope of phase 9 should be replaced with soil
- One compactor, one dozer and one excavator
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - One turbine down due to low gas volume
 - Gas destruction 2,400 cfm
 - · Gas volume and quality too low to fire second turbine
- One rain storm since last audit; about 1"
 - Raining during audit
 - · Basins have plenty of freeboard
- No odors
- No liquid loads received
- · Litter present on-site; clear off-site
 - Litter pickers present
 - Litter well controlled both on and off-site
- US 45 and 8-Mile Rd clean; site roads tacky and tracking
- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is MSW and special wastes
 - No rejected loads
- Residential drop-off open during audit

Attachments:

- Area clean
- Most boxes empty

Comments:

- Overlay construction has begun between Phases 7 & 9
- Beginning clay placement for liner this week
- Placement of geosynthetic material for liner construction scheduled

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

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		LANDFI	LL OPERATI	ONS AUI	DIT FORM		
			CITY OF F	RANKLIN	J		
PROJEC	T NO. 1036.10056				•		
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DATE	Auditor on site at:	Open	2015	Close	——————————————————————————————————————	<u> </u>	2/
	Auditor on site at: R Maximum 6	Ореп		Close			
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MAJOR E	<u>EQUIPMENT USED I</u>	<u>N</u> LANDFI	LL OPERATI	ONS			
No.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
1	Dozer						
1	Excavator						
	Haul Truck						
	Water Truck						
	VVator Track	<u> </u>		·			
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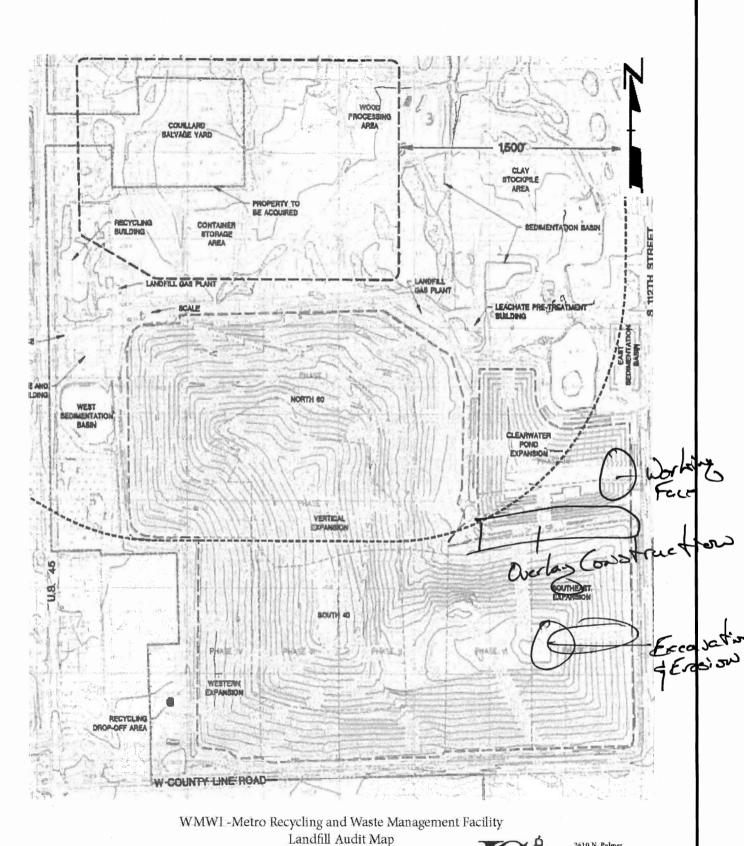


В.	Cover Material: Site soils storps Have should be replace with Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 7,400 cfm
D.	Comments: Gas volume and control too low for five Second turbing Surface Water Management: Storm Events Since Last # Est. Volume -7/1 EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: EXECUTE: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: EXECUTE: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
Ε.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page Offsite
F.	Liquid Loads Recieved:

G.	Litter Control:
	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO NO
	Pickers Active: YES NO #
	Comments:
	Litter Dell Controlled
	on got 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 & 8 Mile Clean, Site road tucks
	and tracking
	6
I.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES NO #
	Spotter: YES NO #
	Random Load Inspection Dates:
	Average Tonnage: 1,200
	Comments:
	MEW & Special
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J.	Rejected Loads:
	Date/Time Reason for Rejection
	$\frac{1}{2}$
	2. /ONC
L	Residential Drop Off: Open During Audit
L.	Tresidential Brop Str. Sport Barring , tauk
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	Landfill Operations Audit Form Page 3 of 7

L Other Comments:
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Scheduled for geosynthetic placement
to Clan placement to begin for liver
This cock.

Auditor's Signature: Date: 9/24/15
Auditor's Printed Name. Jo-Walter Spear, Jr.
Management Signature: Date: 1/29/15 Management Printed Name: 0/20/000000000000000000000000000000000
Management Title: 5 te Frances
JSA Principal Signature Date:

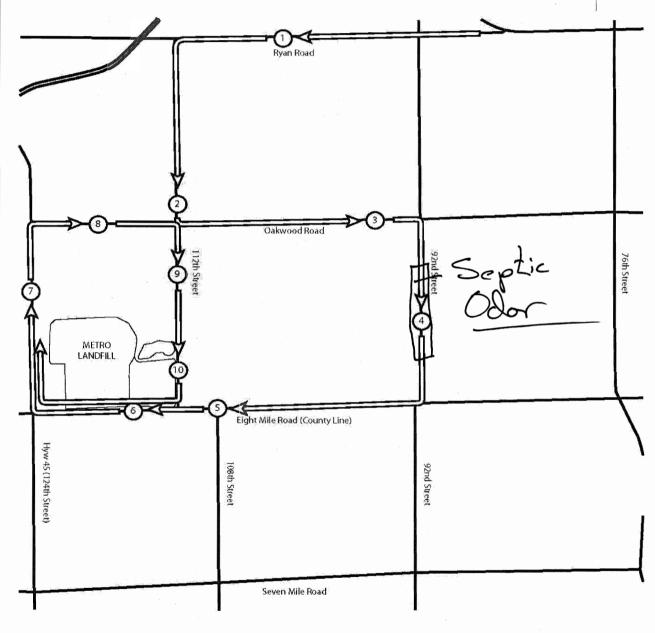


Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map

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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Working face.



AUDIT PHOTOS - 1



Phase 9 Northern half.



Phases 6&7, no soil tipping today



Layout for overlay construction



West slope of Phase 9, North end



October





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 10/30/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 12, 2015. The Audit was performed at 10:38 AM, on **October 14, 2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Engineer.

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

- Main working face in South center area of Phase 9
 - · Receiving all MSW, special wastes and sand
- Additional working face for asbestos and bio-soils in Phase 7
- · One compactor and two dozers active on site
- · Landfill direct soils used for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines operating
 - One turbine down due to low gas volume
 - · No shut downs since last audit
 - Gas destruction 2.350 cfm
 - Destruction operations running smoothly
 - · Gas quality and volume still preventing use of second turbine
- Two rain events since last audit; about 2" of accumulation
 - Basins have plenty of freeboard
 - Several erosion rills have improved
 - Area still requires seeding
- · Skunk odor noticeable on East side
- Low volume of liquid loads past month
- Litter present on-site; clear off-site
 - · Four active litter picker
 - · Litter controlled effectively by fences
- US 45 and 8-Mile Rd clean
- Site roads breaking down and in need of grading
 - · Especially rough about old hill

- Tipping scale camera and equipment operators at work; no spotter
- Average MSW tonnage 1,200 TPD
 - Waste being tipped is MSW, special wastes and sands
 - No rejected loads
 - Random load inspection 10/8/15
- Residential drop-off open during audit
 - Area very clean
 - Boxes mostly empty

Comments:

- Construction begun on overlay project (Otz's Legacy Project)
 - Some liner in place
 - Foundation for manhole constructed
- Future audits will include construction documentation
- .
- JSA has construction documents copies available for future audits

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN

PROJECT NO. 1036.10056 DATE October 14, 2015 TIME /013/8 Auditor on site at: Open Close WIND N © © W TEMP Maximum 63 "F Minimum 53 "F B.P. 29.92 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted No. DESCRIPTION Rented Contracted Dozer Excavator Haul Truck Water Truck Water Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location:				CITY OF F	RANKLIN	1	>	
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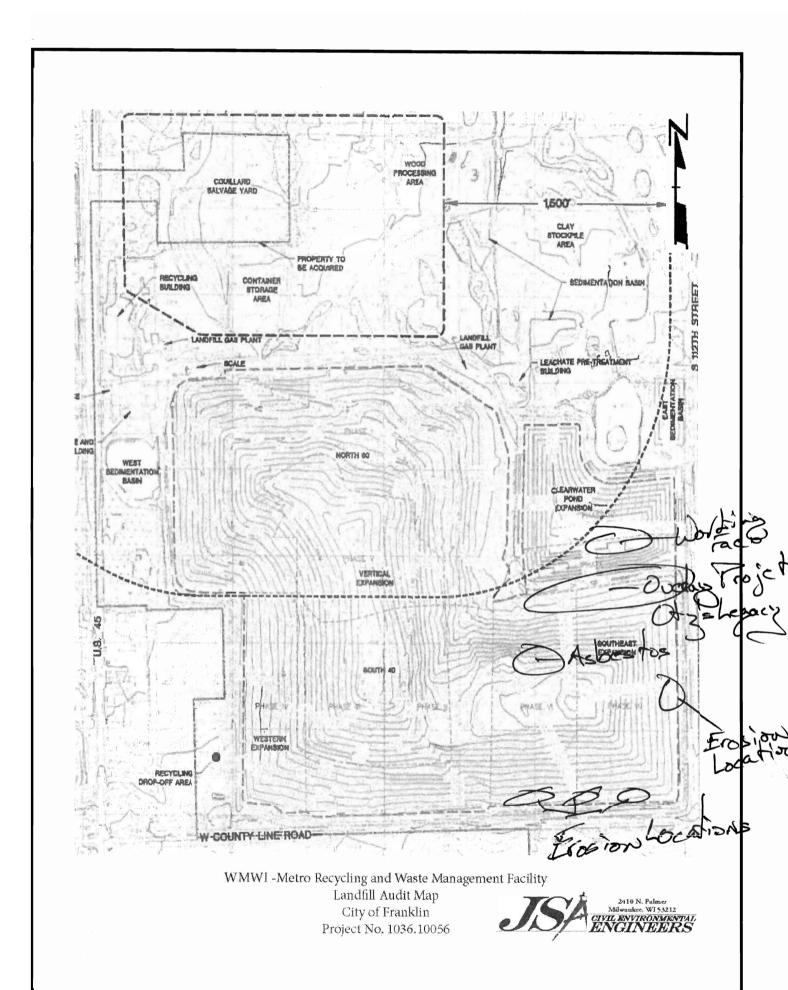
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	Gas Monitoring and Management: Check appropriate box.
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	Comments: Destruction vanishes smoothly gas quality and content various scened turbine Stat Surface Water Management: Storm Events Since Last # 2 Est. Volume 22
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Crossion (1) Simproved the weas require
Ξ.	Odor Control: Odors Present: Comments: Odors Present: Onsite Offsite Notes on odor monitoring page
÷.	Liquid Loads Recieved:

Landfill Operations Audit Form

Page 2 of 7

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	Litter Present Offsite: YES NO D
	Pickers Active: YES 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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	trating down about old hill
۱.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES VNO # 3
	Spotter: YES NO , #
	Random Load Inspection Dates: 10/8/15
	Average Tonnage: (, 2007P)
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	Comments:
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	Rejected Loads:
J.	Date/Time Reason for Rejection
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	Residential Drop Off: Open During Audit
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	Landfill Operations Audit Form Page 3 of 7

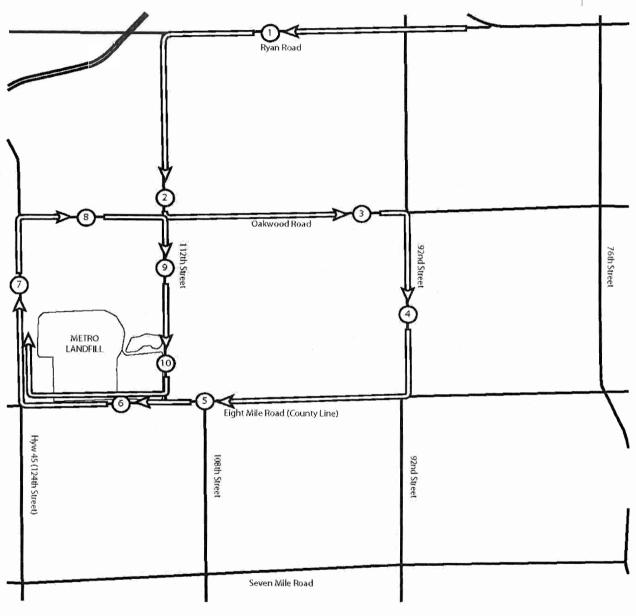
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Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature Landfill Operations Audit Form	Date: 10/14/15 Date: 10/14/15 Date: Page 4 of 7



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of borrow area.



AUDIT PHOTOS - 1



Wood processing yard



Resi-drop-off, boxes empty and site cleaned



Phase 6, asbestos and some soil tipping



Active area



Liner connections being made between phases



Overview of Active Area from the West



Western slopes of Phase 9



Working face in middle of South edge of Phase 9



Northwest corner of Phase 9, greening up since previous compost and seeding placement



Eastern slope of Phase 9, well vegitated.



Eastern end of liner connection between Phases 6,7, and 9



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 12/30/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of October 26, 2015. The Audit was performed at 11:05 AM, on **October 28, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Working face split in Phase 9, on North and South ends of West edge
 - Using this area in preparation for filling access road
- Incoming soil loads tipped near working face for future cover
- One compactor, one dozer and one excavator in use
- · Daily cover composed of clean soils (from City of Franklin) and tarps
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines operating during audit
 - No shut downs since last audit
 - One turbine idle due to gas quality and quantity
 - Gas destruction 2.419 cfm
 - · Both turbines have been lit as gas volume and quality permit
- One rain event since last audit; approximately 1/2"
 - Rain just before audit; site muddy
 - Stormwater system clean and in good shape
- Odor noticeable especially in and near active area
- Last liquid load 10/27/15; liquid loads generally rare
- Litter present on-site and off-site
 - · Off-site litter minor, mostly on east edge of landfill site
 - Three active litter pickers
- US 45 and 8-Mile Rd clean; site roads gritty, some mud
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average incoming tonnage 1,500 TPD
 - Waste being tipped is MSW, special wastes and soils suitable for daily cover
 - No rejected loads
 - Random load inspection 10/23/15

Attachments:

- Residential drop-off open during audit
 - Site rearranged, neat and clean
 - Yard waste drop-off moved to North end of area

Comments:

- Soil stockpiles in Phases 6 & 7to be spread prior to 2016
- Soil and mixed garbage piles will be addressed during construction
- Bio-soil pile in Phase 6 is scheduled for testing next month
 - Will be excavated and used if passes

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

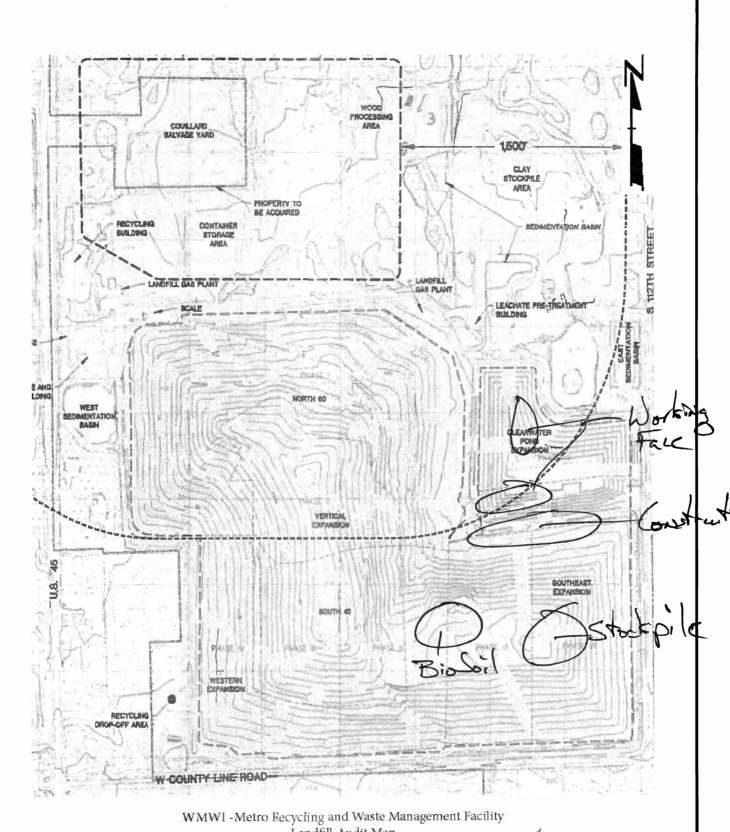
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В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2,419 cfm
	Turbine down for due to eas quality and
D.	Surface Water Management: Storm Events Since Last # Est. Volume /2" EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Storm Water August Storm Water wa
E.	Odor Control: Odors Present: Comments: Odor a Dour & ow Active area
F.	Liquid Loads Recieved: 10/24/15
	Landfill Operations Audit Form Page 2 of 7

Litter Present Onsite: YES NO Litter Present Offsite: YES NO Litter Present Offsite: YES NO Tomments: Wind Web We	
Litter Present Onsite: YES NO Litter Present Offsite: YES NO Holders Active: YES NO Holders	
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Pickers Active: YES NO #3 Comments: Which is a single on Each edge of a single of access and public roads and control measures taken instances of trucks on County roads. US AS 8 Mile Clementer (oads griff) Inspection of incoming Waste: Scale Camera Operator: YES NO #	
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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 48 9 Mile Clean 5 to coals with the coals w	, ,
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Landfill Operations Audit Form Page 3 of	· _

L. Other Comments:	
	be J
Month. Excavation for use if passes. Located an Phase 6	\$
Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature	Date: 10/25/15 Date:



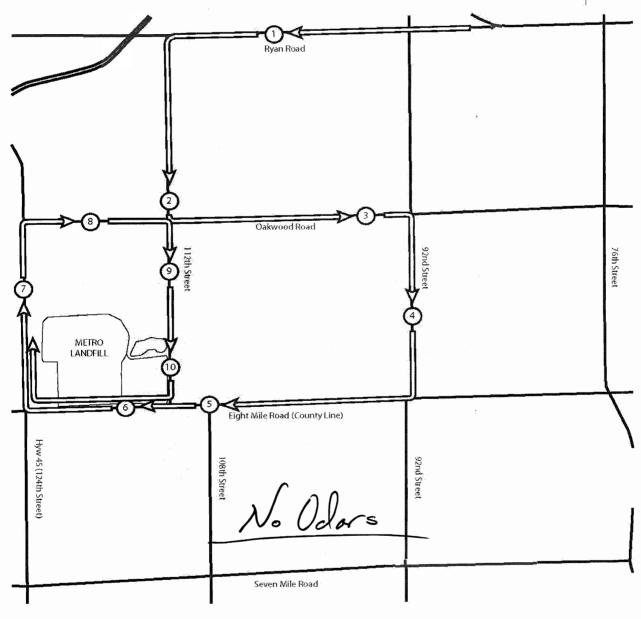
Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



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

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Landfill Operations Audit Form

Page 1 of 2

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	Auditor's Signature:		Date: 10/18/14
	Auditor's Printed Name: Jo-Walter S	pear, Jr.	2/2/26
	Management Signature:		Date: <u>ピッ/ ラヤ/</u>
iviana	Management Title: District	Marager	

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Site overview



AUDIT PHOTOS - 1



Overlay between Phase 6,7, & 9; Phase "8"



Northern working face in Phase 9



Southwest corner of Phase 9 working face



Construction of overlay liner and components



Location of center manhole for overlay project



Slip forms for center manhole



Area to be lined after manhole construction begins



November





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 12/30/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 2, 2015. The Audit was performed at 3:34 PM, on **November 5, 2015** by Jo Spear Jr. in the presence of Daniel Otzelberger, Site Manager.

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

- Principle working face roughly in center of Phase 9
 - Asbestos tipped in Phase 6
 - Both phases receiving additional soil cover placement during audit
- · One compactor, two dozers and one excavator active on site
- · Tipped soils, sand and tarps in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - Gas destruction 2,500 cfm
 - Gas quality and volume dictate which destruction devices are used
 - No shut downs since last audit
- One rain storm since last audit; less than 1"
 - · Basin have plenty of freeboard
 - · Site ditches and erosion repairs greening
- Gas odors along 112th Street; off-site
 - See additional notes on odor monitoring page
- No liquid loads
- Litter obvious both on and off-site
 - Four litter pickers working during audit
 - On-site litter in fences
 - Bags along 112th Street, many stuck in trees
 - Very high winds today
- US 45 and 8-Mile Rd clean; site roads rough
- Tipping scale camera and three equipment operators at work; no spotter

Attachments:

- Average tonnage 1,200 TPD
 - · Waste being tipped is MSW, special wastes and very small volume of sand
 - No rejected loads
 - Random load inspection 10/31/15
- Residential drop-off open during audit
 - Site clean
 - · reorganized arrangement appears to improvement

Comments:

- Contractor exposing gas headers along North slope of Pahses 6 & 7 for tie in with overlay project
- Gas well installations to replace other ablating wells may still occur in 2015Old hill area being mowed

Landfill Construction Audit

- •
- One crane in use
- Manhole construction on-going
 - First pour complete
 - · Second pour scheduled for tomorrow
- Placing drainage layer of leachate collection system to East of manhole
 - Layer consist of 2 feet of clean stone with additional crushed concrete aggregate above
- Line West of manhole to be installed after manhole construction is complete

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI - METRO LANDEILL

DRO IFCT		LANDFI	LL OPERATION				
	NO. 1036.10056		CITY OF F	RANKLIN			
							1
DATE	Nove	ember 5, 2	015		TIME	<u> </u>	St PM
	Auditor on site at:	Open		Close			1.1
/EATHER	Nove Auditor on site at: One cast	ss. H	e vain	in Las	LPM WINE	25 N/	3 HIGHES
-	1						
TEMP	Maximum 7	2 °	F_Minimum	46	°F B.P	29.8	32
MAJOR FO	QUIPMENT USED I	N I ANDEI	II OPERATIO	ONS			
	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
1	Compactor						
2	Dozer						
	Excavator					ļ	
	Haul Truck						
	Water Truck			<u> </u>		<u> </u>	
			-	<u> </u>			
AA IOP EOI	JIPMENT BONEYARD		<u></u>		1	L	
	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
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Place							
Place							



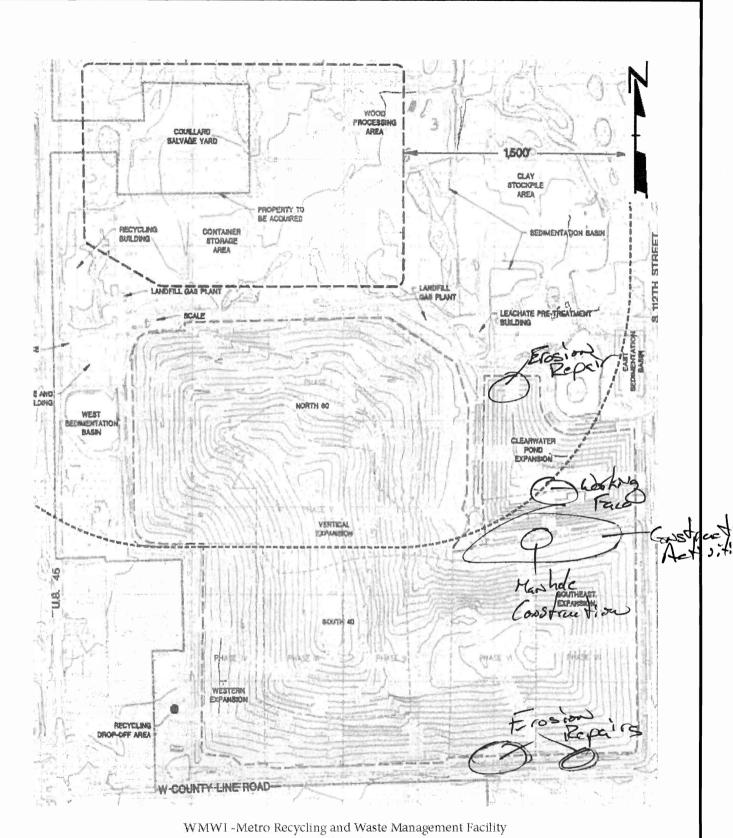
	Cover Material:
В.	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2500 cfm
	Conditions etcados. Gesquelity à Volume dictate distruction devises asoc
D.	Surface Water Management: Storm Events Since Last # / Est. Volume Z/" EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Busins More has adequate free hours.
E.	Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page Comments: (745 0005 4 0 0 1 1 2 1 5 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
F.	Liquid Loads Recieved:

Landfill Operations Audit Form

Page 2 of 7

Litter Present Onsite: YES NO		Litter Cambrali
Litter Present Offsite: YES NO #	G.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Pickers Active: YES NO ## Comments: Buth a long 1/27th Street and free comments: Wehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. Inspection of incoming Waste: Scale Camera Operator: YES NO # 3 Random Load Inspection Dates: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. Inspection of incoming Waste: Scale Camera Operator: YES NO # 3 Random Load Inspection Dates: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. Inspection of incoming Waste: Scale Camera Operator: YES NO # 3 Requirement Operator: YES NO # 3 Readom Load Inspection Dates: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County and Camera Operators. Readom Camera Operator: YES NO # 3 Readom Load Inspection Dates: Location # 3 Readom Load Insp		
Comments: Comments		
Wehicle Impacts: Locations of excessive mudidust, condition of access and public roads and control measures taken, instances of trucks on County roads. Note		
Wehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads.		
Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. Solid Sol		Bacya a long 112th Street 9 in trees Very high
Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads. Solid Sol		
Inspection of incoming Waste: Scale Camera Operator: YES NO #		winds today to site little in fences
Inspection of incoming Waste: Scale Camera Operator: YES NO #		Walkinda kannandara ka a
Inspection of incoming Waste: Scale Camera Operator: YES NO # 1 Equipment Operator: YES NO # 3 Spotter: YES NO # 3 Random Load Inspection Dates: 10/3/1/5 Average Tonnage: /, 200 Comments:	Η.	Venicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken, instances of trucks on County roads
Inspection of incoming Waste: Scale Camera Operator: YES NO #		1 10 Not 10
Inspection of incoming Waste: Scale Camera Operator: YES NO #		11545 78 Mile Knad Clear
Inspection of incoming Waste: Scale Camera Operator: YES NO #		
Scale Camera Operator: YES NO # Equipment Operator: YES NO # 3 Spotter: YES NO # 4 Spotter: YES NO		Dite souls sough
Scale Camera Operator: YES NO # Equipment Operator: YES NO # 3 Spotter: YES NO # 4 Spotter: YES NO		
Equipment Operator: YES NO # 3 Spotter: YES NO # 3 Random Load Inspection Dates: LO 31/15 Average Tonnage: LO 31/15 Average Tonnage: LO 31/15 Rejected Loads: Reason for Rejection 1. 2. Residential Drop Off: Open During Audit Residential Drop Off: Open During Audit		
Spotter: YES NO W # Random Load Inspection Dates: LO 31/15 Average Tonnage: Lobo Comments: Rejected Loads: Reason for Rejection 1. 2. Residential Drop Off: Open During Audit Residential Drop Off: Open During Audit		
Random Load Inspection Dates: Date/Time Reason for Rejection		
Average Tonnage: Comments: Solution Special wastes, winandume of sand Rejected Loads: Date/Time Reason for Rejection 1. 2. Residential Drop Off: Open During Audit Site Clean, Sc-organized		Spotter: YES NO , #
Rejected Loads: Date/Time Reason for Rejection Residential Drop Off: Open During Audit Residential Drop Off: Open During Audit		Random Load Inspection Dates: [D(31/15
Rejected Loads: Date/Time Reason for Rejection		Average Tonnage: / 200 /
Rejected Loads: Date/Time Reason for Rejection		
Rejected Loads: Date/Time Reason for Rejection		
Date/Time Reason for Rejection 1. 2. Residential Drop Off: Open During Audit Site Clean, Scorganized		MSW, special wastes, windowshime of sand
Date/Time Reason for Rejection 1. 2. Residential Drop Off: Open During Audit Site Clean, Scorganized		
Residential Drop Off: Open During Audit Sites Clean, Sc-organized	J.	
Residential Drop Off: Open During Audit Site Clean, Sc-organized		
Residential Drop Off: Open During Audit Site Clean, Sc-organized		
Siter clean, sc-organized		\sim
Siter clean, sc-organized		
Siter clean, sc-organized		Desidential Dran Off Open During Audit
		Residential Drop Oil. Open During Addit
Landfill Operations Audit Form Page 3 of 7		Diter clean, sc-organized
Landfill Operations Audit Form Page 3 of 7		
Landfill Operations Audit Form Page 3 of 7		
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Landfill Operations Audit Form Page 3 of 7		
		Landfill Operations Audit Form Page 3 of 7

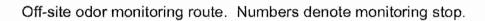
-	
	Other Comments:
L.	1
_	to Gas headers Deing as posed a long
	Morth slope of phase 63+ for the
	in with overlan project.
د	* Gas well installations may still
	occurio 2015 to replace other
	- occuring 2015 to replace other
	ablating wells
	
	
	<u> </u>
	Auditor's Signature: Auditor's Printed Name:
	Auditor's Printed Name: /Jo-Walter Spear, Jr. / Date:
	Management Printed Name:
	Management Title:
	JSA Principal Signature Date:

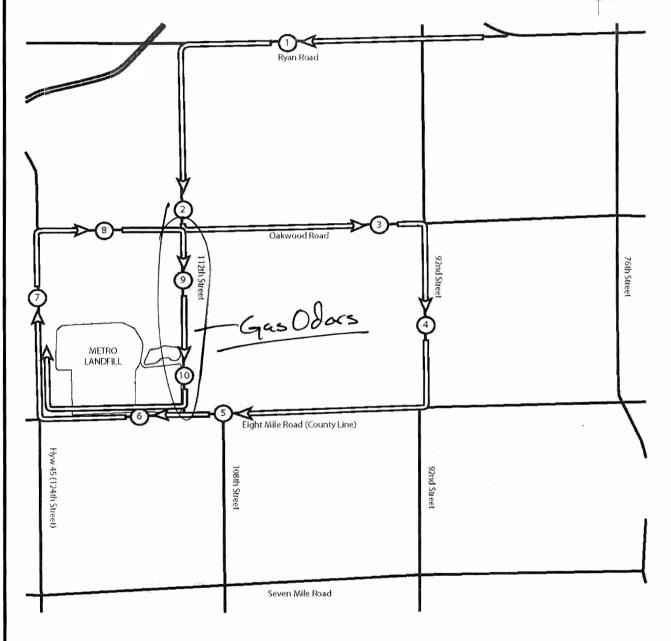


Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map





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

10.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
	Dozer			_			
	Excavator						
	Haul Truck			-			
	Water Truck			<u> </u>			
	Sweeper	_					
	Crane						
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a	us chate	abo	JC,			+ //6	

Landfill Operations Audit Form

Page 1 of 2

В.	Excavations / Soil Management:
C.	Off Site Hauling Weight Ticket Number Weight of Load in Pounds
	1 2 3 4 5 6
	9 10
	Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: Management Title: Date: // 5//5

Landfill Operations Audit Form

Page 2 of 2

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Site overview



AUDIT PHOTOS - 1



Working face in Southwest corner of Phase 9



West slope of Phase 9



Northwest corner of Phase 9 greening up nicely.



Construction of overlay liner and components



Resi-drop-off, reorganized. Green space relocated North(right) of drop off location.



Overview of Phases 6&7



Covering of asbestos by soils



Overlay construction viewed from the West



First pour completed and forms moved up to next pour elevation for manhole



Slip forms for center manhole



East end of overlay construction



East end of overlay construction. Drainage layer will be approximately 18' at this end to adequately drain and collect leachate.



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 12/31/15

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 23, 2015. The Audit was performed at 11:58 AM, on **November 25, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Working face along Western edge of Phase 8
 - No other working faces today
- · Recent working faces on outbound slopes well covered and in good conditions
- One compactor, two dozers and one excavator
- Landfill direct soils in use for daily cover
- All leachate discharging to MMSD; no recirculation
- No flares, 1 Turbine and 4 Engines in operation
 - Gas flow and volume consistent
 - No shut downs since last audit
 - Gas destruction 2,600 cfm
- One rain and snow event since last audit; about 1"
 - Some additional erosion
- No odors
- · Liquid loads generally rare
- Litter present on and off-site
 - One active litter picker
 - Severe litter issue
 - Extra pickers scheduled for 11/30/15
 - Plan calls for 5 pickers to address on and off-site litter for full week
- US 45 and 8-Mile Rd clean; site roads very muddy
- Tipping scale camera and three equipment operators at work; no spotter
- Average MSW tonnage 1,480 TPD
 - Waste being tipped is MSW and special wastes
 - No rejected loads
 - Random load inspection 11/21/15

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- · Residential drop-off open during audit
 - Boxes full, but site clean

Comments:

- Severe winds over last two weeks have spread litter over site and off-site
 - Number of pickers will be increased to five next week as they address this problem
 - Pickers working this week on areas with highest concentrations of litter
- Building new access road to Phase 8 and construction area begun during audit

Landfill Construction Audit

- Painter spaying manhole exterior with sealant and liner material
- DNR representative on site to observe

WMWI - METRO LANDFILL

Action Items Checklist City of Franklin Audit

Opened: 04/09/2014 Updated:

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

WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN

CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE November 25, 2015 TIME // 158 Close TEMP Maximum °F Minimum MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented **DESCRIPTION** Contracted Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION No. **DESCRIPTION** Broken Maintenance Broken Maintenance Working Face Size and Location:



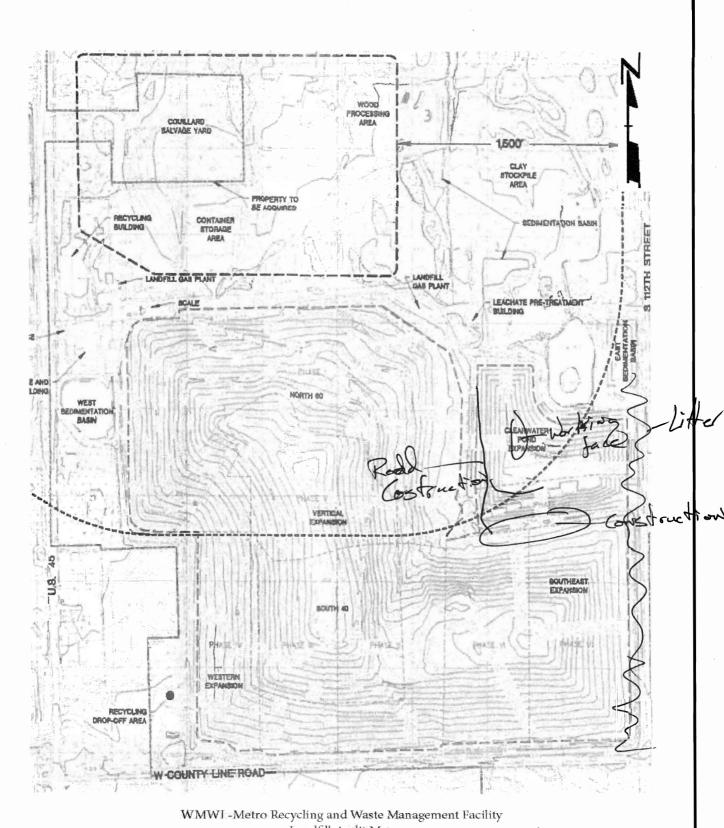
	Cover Material:
	Soils
	Leachate Management: Discharge to MMSD
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # Jobo cfm
	Gas flow and volume consistent
D.	Surface Water Management: Storm Events Since Last # / Est. Volume 2/"
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Show Grand Since (as family to be conditionally as family a
E.	Odor Control: Odors Present: Comments: Odors Present: Onsite Offsite Notes on odor monitoring page
F.	Liquid Loads Recieved:

Page 2 of 7

_	Litter Control:
J.	Litter Present Onsite: YES NO
	Litter Present Offsite: YES NO
	Comments:
	Monday 11/31/15, scheduled file Die Fers to
	andress service on antisite litter
Н.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken,
	instances of trucks on County roads.
	(15 45 9 8 001, le clean
	Site roads very muddy
١.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES V NO # 3
	Spotter: YES NO V, #,
	Random Load Inspection Dates: 11/21/15
	Average Tonnage: 1,480 TPD
	Comments:
	MSW and Special Whates
	Poincted Leads:
J.	Rejected Loads: Pote/Time Person for Poinction
	Date/Time Reason for Rejection
	$\frac{1}{2}$
	2.
	Desidential Days Off Iones During Audit
L.	Residential Drop Off: Open During Audit
	Boxes full but site clear.
l	
	Landfill Operations Audit Form Page 3 of 7

L.	Other Comments:
	A Service winds over last two weeks has areated an abundance of (ifter booth an and off site. To be addressed) 1/21 pickers are and will be active prior to 1/21, tont thornain A New arcers soul to those & and Construction area being constructed during and it
	Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature Date: 11/35/15 Date: 11/35/15 Date: 11/35/15 Date: 11/35/15 Date: 11/35/15 Date: 11/35/15

Page 4 of 7



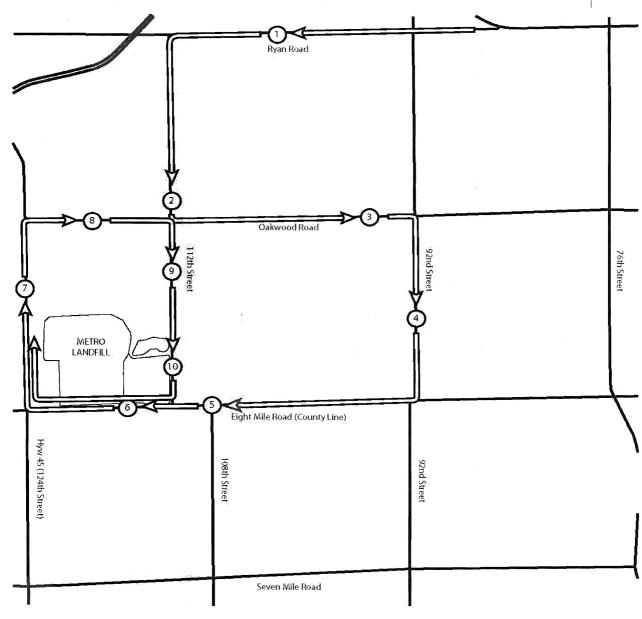
Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



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

_	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor				1 2 2 3 1 3 1 3 1		2 Jilli dolod
	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	Sweeper						
	Farter						
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Landfill Operations Audit Form

Page 1 of 2

Excavations	/ Soil Management:		
·			`
Off Site Haul	ing		
. On Site Hauf	Weight Ticket Number	Weight of Load	in Pounds
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3			
5			
6			
8		ı	· · · · · · · · · · · · · · · · · · ·
9			
10			
-			· · · · · · · · · · · · · · · · · · ·
			/ 1
	Auditor's Signature:	Del	Date: // /35//5
	itor's Printed Name: /Jo-Walter Spea	r, Jr.	Date: 11/25/10
		30_	Jule. 11/ 25/ / 3
		4 	

Page 2 of 2

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overlay and surround phases



AUDIT PHOTOS - 1



Phase 8 viewed from the West



Northern end of landfill foot print



Overlay construction area



Working face viewed from the West



Manhole concrete construction complete. Additional work ongoing



Liner material being spray appllied to manhole



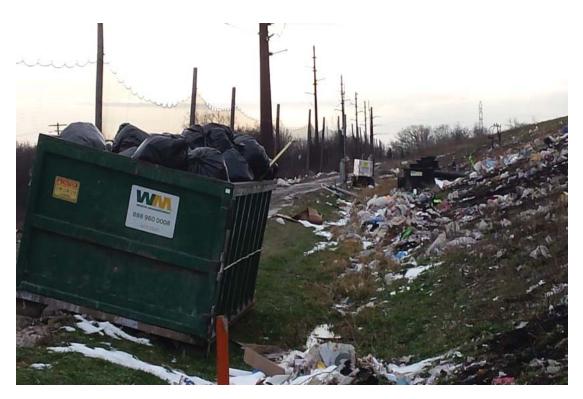
Ramp at East end of overlay, ramp developed for sideslope riser placement



Active area and working face viewed from within active area



Working face viewed from the East



Eastern edge of Phase 8, aggressive litter clean up expected next week



East end of overlay construction



December





Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 01/06/16

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of November 30, 2015. The Audit was performed at 1:53 PM, on **December 2, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- · Overcast day with gusts of snow
- Working face at top of East slope on edge of Phase 8 at Northern end
- Soils for cover available nearby
- · Site soils and foundry sand used for daily cover
- One compactor, two dozers and one excavator
- MMSD force main clogged
 - Leachate being pumped and hauled into Phase 8 by truck
- Consistent gas supply and destruction
 - No flares, 1 Turbine and 4 Engines in operation
 - · Gas not sufficient for lighting second turbine
 - One shut down since last audit
 - Gas destruction 2,543 cfm
- Two rain and snow events since last audit; approximately 1" accumulation
 - Site very muddy
- No odors noticeable
- No liquid loads generally rare
- Litter present on-site as well as off-site
 - Extreme litter accumulated in all areas
 - One active litter picker
 - · Pickers have been active all week
 - Weather causing litter to blow and stick
- US 45 and 8-Mile Rd clean; site roads dusty and in need of grading
- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,400 TPD
 - Waste being tipped is MSW and special wastes only

Attachments:

- No rejected loads
- Random load inspection 11/27/15
- Residential drop-off open during audit
 - Area clean
 - Boxes mostly empty

Comments:

- Action item:
 - · Off-site litter still evident from last audit
 - Litter in trees and ditches
- Site roads in poor condition
 - Many potholes and ridges

Construction Audit:

- Contractor installing piping inside of manhole
- Additional stone added to create ramp for clean-out pipe

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			Offsite litter present over two audits
				<u> </u>				

WMWI - METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN PROJECT NO. 1036.10056 DATE December 2, 2015 WEATHER Our TEMP Maximum °F Minimum 28 B.P. 29.75 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS DESCRIPTION Rented Contracted No. **DESCRIPTION** Rented Contracted Compactor Dozer Excavator Haul Truck Water Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance DESCRIPTION Broken Maintenance Working Face Size and Location:

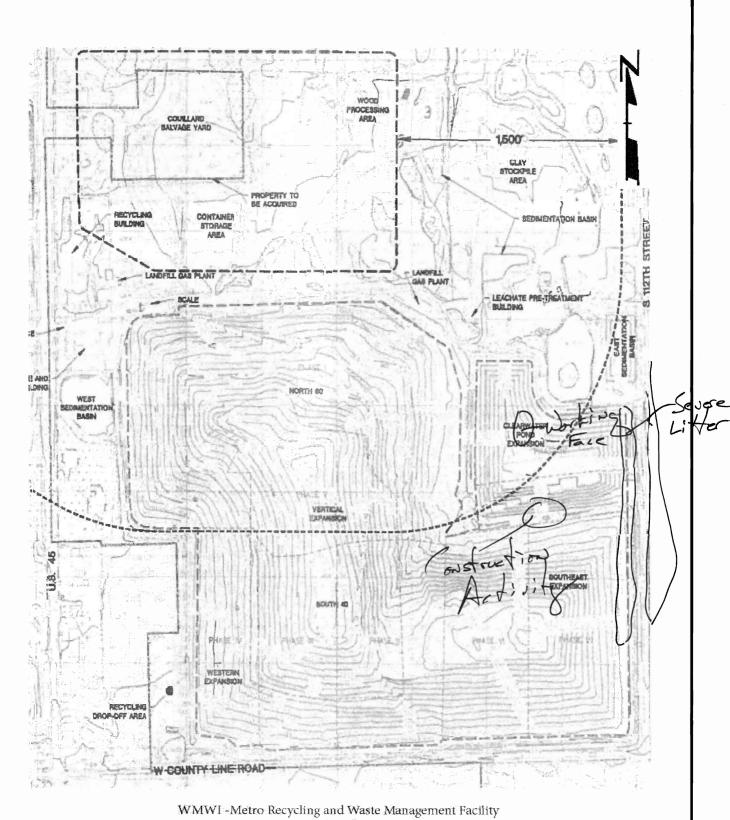


	Cover Material:
3.	Leachate Management: Discharge to MMSD MMSD Force mail cloqued plantate (ecirced) into degrad Plantas a truck
С.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # I Engines in Operation: YES NO # # Shutdowns Since Last Audit: # Destructed Volume: # 2,543 cfm
	for No 4 cafficient for lighting second Arbor (opsistent supply and destruction)
D.	Surface Water Management: Storm Events Since Last # 2 Est. Volume 7/11
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations:
E.	Odor Control: Odors Present: Comments: Onsite Offsite Notes on odor monitoring page Comments:
F.	Liquid Loads Recieved:

Page 2 of 7

G.	Litter Control:
J.	Litter Present Onsite: YES V NO
	Litter Present Offsite: YES V NO
	Pickers Active: YES NO # 1
	Comments:
	Consite and on site littles extreme. Fichers have
	been active all week.
Η.	Vehicle Impacts: Locations of excessive mud/dust, condition of access and public roads and control measures taken,
	instances of trucks on County roads.
	Usys & Mile (lew)
	57 te roads mudde Derimeter road rough and breaking up
l.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO # 1
	Equipment Operator: YES NO # 3
	Spotter: YES NO V / #/
	Random Load Inspection Dates: 11/27/15
	Average Tonnage: 1,4004 PD
	Comments:
	Mow & Special Waste only
	Rejected Loads:
J.	Date/Time Reason for Rejection
	2.
	Desidential Draw Off Open During Audit
L.	Residential Drop Off: Open During Audit
	Dite clear, boxes mostle empty
	0 10
	Landfill Operations Audit Form Page 3 of 7

L. Other Comments:	
Last culit 11/25/15. Litter trees and dischers * Site roads about site browing per and ridged	from
Auditor's Signature: Auditor's Printed Name: Management Signature: Management Printed Name: Management Title: JSA Principal Signature	Date: 12/2/5 Date: 0/2/5



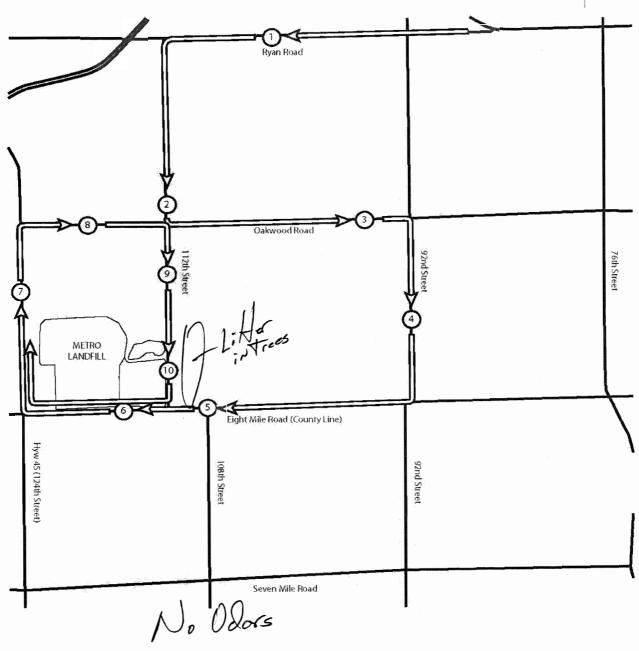
Landfill Audit Map City of Franklin Project No. 1036,10056



WMWI - METRO LANDFILL Odor Monitoring Route Map



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



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

o.	DESCRIPTION	Rented	Contracted	No.	DESCRIPTION	Rented	Contracted
	Compactor						
	Dozer						
	Excavator						
	Haul Truck						
	Water Truck						
	Sweeper						
e le		pes_	, XX e X	40 (reate var	MP	
				-			
				-			

Date: 12/2/15 Date: 12/2/15

Landfill Operations Audit Form

Page 2 of 2

WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Additional stone in place for sideslope rise placement. Piping system being installed in and around man hole





Phase 8 viewed from the West



Sounthern end of Phase 8



Center of Phase 8, working face in left upper corner of picture



Phase 8, North end



Working face viewed from the North



Compactor working edge of working face on Eastern outboard slope



Memorandum

Metro Recycling and Disposal Facility Audit Summary

To: Waste Management Wisconsin, Inc. Metro Recycling and

Disposal Facility (METRO) Monitoring Committee - City of

Franklin

From: Faith Spear

COPIES: File

DATE: 01/06/16

Project Number: 1036

Attached is the weekly audit report of activities at the Waste Management Metro Recycling and Disposal Facility for the week of December 14, 2015. The Audit was performed at 11:30 AM, on **December 16, 2015** by Jo Spear Jr. in the presence of Travis Thorson, District Manager.

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

- Overcast day; occasional rain showers
- Working face in Southwest corner of Phase 9
 - Active area about ½ acre in size, spread over one lift elevation
 - No other working faces
- One compactor, two dozers and one roll-off truck in use on site
- Cover consists of clean soils tipped by Franklin DPW
- All leachate discharging to MMSD; no recirculation
 - Force main restored on 12/3/15
- Consistent gas delivery
 - No flares, 1 Turbine and 4 Engines in operation
 - Second turbine came on line on 12/15/15
 - Gas destruction 2,600 cfm
 - Volume and quality of gas improved since last audit
- Four rain or snow events since last audit; approximately 1.5" accumulation
 - · Numerous small showers and storms keeping site wet
 - Basins have freeboard
 - On-site ditches need cleaning
- Gas odor noticeable about Northeast corner of Phase 9
- No liquid loads
- Litter present on as well as off-site
 - Three active litter pickers
 - · Litter reduced since last audit
 - Picking continues off-site
- US 45 and 8-Mile Rd clean; no tracking
- Site roads gritty with tracking
 - Perimeter road in especially bad shape

Attachments:

Action Items List Landfill Operations Audit Form Landfill Audit Photos

- Tipping scale camera and 3 equipment operators at work; no spotter
- Average MSW tonnage 1,462 TPD
 - Waste being tipped is MSW and special wastes only
 - Random load inspection 12/15/15
 - No rejected loads
- Residential drop-off open during audit
 - Area clean
 - Boxes emptied during audit

Comments:

- No construction activity due to constant wet weather
- Wet conditions on site delaying restorative maintenance and soil work
 - Work to be done on old hill and active areas

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			Offsite litter present over two audits

WMWI – METRO LANDFILL LANDFILL OPERATIONS AUDIT FORM CITY OF FRANKLIN

PROJECT NO. 1036.10056 DATE December 16, 2015 TIME 1/150 Auditor on site at: Open Close 10 - 25 WEATHER Leaving Lir. No and if war and if will and in the late of the lat				CITY OF FI	RANKLIN			
Auditor on site at: Open Close 10 - 25 NEATHER 10 - 25 N	PROJECT	Γ NO. 1036.10056						
MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted No. DESCRIPTION Rented Contracted 1 Compactor 2 Dozer Excavator Haul Truck Water Truck J Roll Of Truck MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Working Face Size and Location: Working Face Size and Location:	DATE	Dece	ember 16,	2015		TIMI	= <u>//</u> ;	50
TEMP Maximum 48 °F Minimum 29 °F B.P. 29.64 MAJOR EQUIPMENT USED IN LANDFILL OPERATIONS No. DESCRIPTION Rented Contracted No. DESCRIPTION Rented Contracted / Compactor 2 Dozer Excavator Haul Truck Water Truck / ROLL OF TRUCK MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Working Face Size and Location:								
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Dozer Excavator Haul Truck Water Truck J ROLL OF TRUCK MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Working Face Size and Location:		· · · · · · · · · · · · · · · · · · ·				DESCRIPTION	Rented	Contracted
Dozer Excavator Haul Truck Water Truck No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Dozer Lover of Location: Lover of Location South west corner of activity	1		rtented	Contracted	140.	DESCRIPTION	Rented	Contracted
Excavator Haul Truck Water Truck ADUL OF TRUCK MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Dorway fuce in Southwest corner of active 7				1				
Haul Truck Water Truck Roll OF TRUCK MAJOR EQUIPMENT BONEYARD No. DESCRIPTION Broken Maintenance No. DESCRIPTION Broken Maintenance Working Face Size and Location: Dor Nog face in South west corner of active and active active and active active and active act					1			
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Working Face Size and Location: Working Face Size and Location: South west corner of active across to south west corner of active a		ROLL OF TRUCK						
Working Face Size and Location: Working Face Size and Location: South west corner of active across to south west corner of active a								
Working Face Size and Location: Working Face Size and Location: On the South west corner of active area ~ /2 ecre in size and spread over	MAJOR EQ	UIPMENT BONEYARD						
working face in Southwest corner of active	No.	DESCRIPTION	Broken	Maintenance	No.	DESCRIPTION	Broken	Maintenance
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working face in Southwest corner of active	Working F	Face Size and Locati	ion [.]					4
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No other working fore		J	- 00- 1	1				
	No	other wor	King	+01,0				
			7	/ } · · · · ·				
					-			



	Cover Material: Cleans soil, tipped from Franklin DPW
В.	Leachate Management: Discharge to MMSD 1
	Force mais restored of on 12/3/15
C.	Gas Monitoring and Management: Check appropriate box. Flares in Operation: YES NO # Turbines in YES NO # Engines in Operation: YES NO # Shutdowns Since Last Audit: # Destructed Volume: # 2, 600 cfm
	Comments: Semond tu bive on live for 12/15/15 Volume and gas quality up since last andit
D.	Surface Water Management: Storm Events Since Last # 4 Est. Volume 2/5"
	EFFECTS: Note condition of perimeter road, erosion control structures, erosion damage and possible storm water/waste contact locations: Numerous (ain events = ==================================
Ε.	Odor Control: Odors Present: Onsite Offsite Notes on odor monitoring page
	Comments: (as jodor a hout & North east corner of hase 9
F.	Liquid Loads Recieved:

Landfill Operations Audit Form

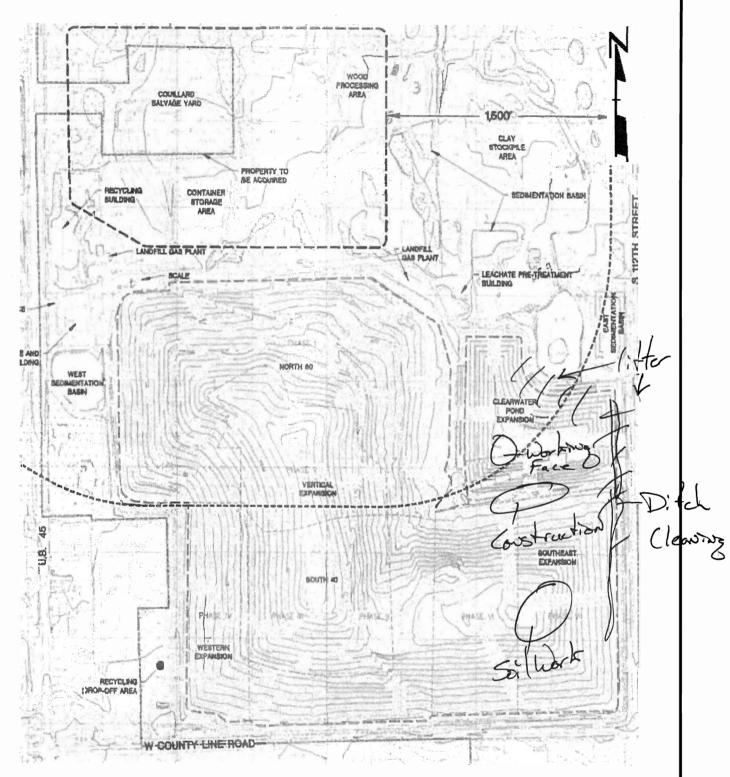
Page 2 of 7

G.	Litter Control:
	Litter Present Onsite: YES VNO U
	Litter Present Offsite: YES NO
	Pickers Active: YES NO # 3
	Comments:
	Litter reduced since last audit.
	Vicking continues of 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 & 8 Mile Clean, No tracking
	Site roads, gritty tracking Kerinetor road in badshape
۱.	Inspection of incoming Waste:
	Scale Camera Operator: YES NO #
	Equipment Operator: YES V NO # 3
	Spotter: YES NO #
	Random Load Inspection Dates: 12/15/15
	Average Tonnage:
	1462"
	Comments:
	Mon & Special Waster only
	Paineted Landa:
J.	Rejected Loads: Date/Time
	Date/Time Reason to Rejection
	2. JOBE
ļ	Residential Drop Off: Open During Audit
	<u> </u>
	Site claw, boxes being emptied.
	Dite claw, boxes betweenptied,
	Landfill Operations Audit Form Page 3 of 7

Other Comments:
* No construction act Wifes due
to set conditions
* Wet conditions on site presenting
restorative maintenance and soil
1 10 10 11 0 1
work on both old hill and active orcas

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$f \cap A = f$
Auditor's Signature: Auditor's Printed Name:
Auditor's Printed Name: //o-Walter Spear, Jr. Management Signature: //o//6//6//
Management Printed Name: Track 16.30_
Management Title:
JSA Principal Signature Date:

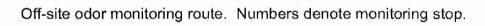


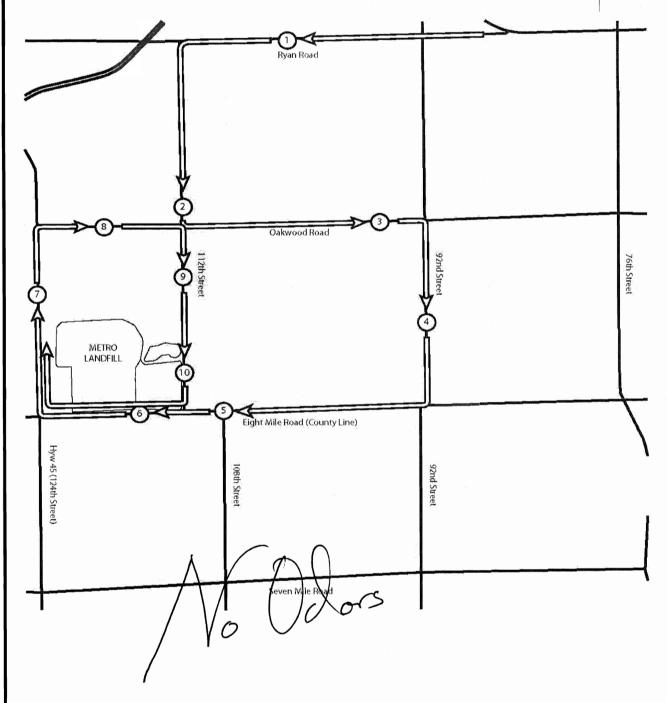
WMWI - Metro Recycling and Waste Management Facility

Landfill Audit Map City of Franklin Project No. 1036.10056



WMWI - METRO LANDFILL Odor Monitoring Route Map





WMWI - Metro Landfill, AUDIT PHOTOS

PROJECT NO. 1036.10056



Overview of Phase 8 from the West



AUDIT PHOTOS - 1



Vehicles tipping in working face



Vehicles approaching working face over active area



North end of Phase 8, well greened



Overlay project, construction halted due to weaterh conditions.



Construction halted due to wet conditions.



Waste being covered at top of slope during audit, North slope of Phase 8



Litter and ditch conditions on Eastern edge of Phase 9