

FEE SHEET FOR MEDICAL WASTE PERMITS

TRTS-090126-0101

ADEM No.: 63657

Applicant: Harvest Solutions, LLC

Location: 4400 7th Avenue North

County: 73

Birmingham 35212

State: AL

Permit No.: ~~TRN-112125-0101~~

Date Application Received: 09/01/26

Permit Fees Required	Initial Issuance	Modification	Reissuance	Total
New Technology Review	\$10,205	-	-	
Commercial Treatment Facility	\$16,460	\$7,280	\$9,180	\$16,460
Commercial Transportation of Medical Waste	\$3,490	\$1,460	\$2,035	
Storage of Untreated Medical Waste	\$2,630	\$665	\$1,960	

Additional Fees				
Geological Review	\$4,865	\$3,275	\$3,275	
Solid Waste Disposal Notification	\$215	\$215	\$215	
Greenfield Fee	\$1,610	-	-	\$1,610
Variance Request	\$1,460	-	-	

RECEIVED

SEP 02 2026

ADEM
EDDS

Total Fee Due:

\$18,070

Amount Submitted with Application:

\$18,070

Amount Received:

Amount to be Billed:

Permits & Services

Amount Received:

Date Received: 09/02/2026

Amount to be Refunded:

Conf/check #:online pay

ADEM Fund Code:

422

Fee Schedule Prepared by: ASPx7703

Date: 09/02/26

Fee Schedule Reviewed by:

Date:

epay "080312026"

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



(334) 271-7700 1400 Coliseum Blvd. Montgomery, AL 36110
mailing address: Post Office Box 301463, Montgomery, AL 36130-1463

Receipt Confirmation Page

ADEM requires that when you pay online, you **MUST** print out the confirmation information and submit it as proof of payment with your permit application or any other correspondence requiring proof of payment.

Payment Summary	
Payment Item	Fee
Online Payment - 08/31/2026 16:04:48	\$18,070.00
Total Fee through Alabama.gov (more info)	\$18,814.10

Receipt Confirmation Number: 20260831000025294

General Invoice Information

Choose the type of payment you are making: 6570-OTHER FEES (Must Enter Description of Other Fees)

Description of Other Fees: MEDICAL WASTE TREATMENT FACILITY

Additional Information/Fee Description: MEDICAL WASTE TREATMENT FACILITY + GREEN FIELD FEES

Number on your ADEM Invoice:

Date on your ADEM Invoice:

Contact Information

Company/Facility or Individual Name: Harvest Solutions, LLC

Facility Permit Number (If applicable):

Company or Facility Phone: 205-500-1015

Contact Person: David Dyer

Contact Phone: 334-444-0535

Contact email address: david@harvest.eco

Name of an ADEM Program Staff Member (if known): ASHLEY POWELL

Policy Related Questions: 334-271-7700

Application Support: 866-353-3468 or support@alabamainteractive.org

Version 2.1.9

ADEM ePay Summary

PRINT VIEW

TRANSACTION_DATE 8/31/2026 INVOICENUMBER

ORDER_ID 20260831000025294

INVOICEDATE

PAYMENTTYPE 6570-OTHER FEES (Must Enter Description of Other Fees)

OTHERDESCRIPTION MEDICAL WASTE TREATMENT FACILITY

ADDITIONALDESCRIPTION MEDICAL WASTE TREATMENT FACILITY + GREEN FIELD FEES

FEES_PAID \$18,070.00

TRANSACTION_FEE

COMPANYNAME Harvest Solutions, LLC

PERMITNUMBER

COMPANYORFACILITYPHONE 205-500-1015

CONTACTPERSON David Dyer

CONTACTPHONE 334-444-0535

CONTACTEMAILADDRESS david@harvest.eco

STAFFMEMBER ASHLEY POWELL



1

C. Treatment Method:

1. Steam Sterilization

Cycle Operating Parameters: _____ Minutes; _____ ° F Temp; Pressure, _____ psi

2. Other Treatment Method: (Specify, include Letter of approval) See Attached

D. Attachments: (The application will not be reviewed unless all attachments are submitted)

1. Medical Waste Management Plan
2. Applicable fees
3. A detailed floor plan of the facility showing all handling, storage and treatment equipment.
4. List equipment (including shredders) utilized in treatment of medical waste. Include model numbers, manufacturers, number of years in use, certifications, number of pieces, etc. (Attach sheets as necessary)

[Note: ADEM Form 412, Medical Waste Treatment Permit Application, is not complete without payment of all the appropriate fees specified in Chapter 335-1-6 of the ADEM Administrative Code.]

DI. Certification: (To be signed by a responsible official)

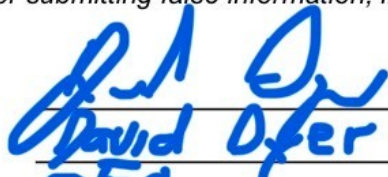
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Typed name: _____

Official Title: _____

Date: _____


David O'fer
CED
8/31/26

Please submit two copies of each Application and attachments to:

Alabama Department of Environmental Management

(Mailing Address):

Environmental Services Branch

Land Division

P.O. Box 301463

Montgomery, AL 36130-1463

(Street Address):

Environmental Services Branch

Land Division

1400 Coliseum Boulevard

Montgomery, AL 36110-2059

Phone: 334-271-7984

Fax: 334-279-3050

Make all checks payable to the Alabama Department of Environmental Management

Prepared For:

Harvest Solutions LLC
Corporate Headquarters
2732 Central Avenue
Birmingham, Alabama 35209



Submitted by:

LaBella Associates, D.P.C.
528 Mineral Trace
Hoover, Alabama 35244



Medical Waste Management Plan

Harvest Solutions, LLC
Facility Location
4400 7th Avenue North
Birmingham, Alabama

August 2026
LaBella Project No. 2262982



TABLE OF CONTENTS

PROJECT SUMMARY	ii
OWNER CERTIFICATION.....	iii
PROFESSIONAL ENGINEER CERTIFICATION.....	iv
1.0 INTRODUCTION AND PROJECT BACKGROUND	1
2.0 TYPES OF MEDICAL WASTE TO BE TREATED	2
3.0 UNLOADING AND HANDLING PROCEDURES.....	3
3.1 Receipt and Unloading	3
3.2 Waste Handling.....	3
3.3 Container Cleaning	3
4.0 SAFETY PROCEDURES	4
4.1 Personal Protective Equipment (PPE).....	4
4.2 Exposure Prevention	4
4.3 Equipment Safety.....	4
5.0 EMERGENCY PREPAREDNESS AND RESPONSE PLAN	5
5.1 Emergency Procedures.....	5
5.1.1 Fire	5
5.1.2 Severe Weather.....	5
5.1.3 Equipment Malfunction	6
5.1.4 Utility Interruption	6
5.1.5 Employee Injury.....	6
5.1.6 Chemical Exposure	7
5.1.7 Medical Waste Spill or Release.....	7
5.1.8 Emergency Notification and Documentation	7
5.2 Emergency Equipment.....	8
5.3 Emergency Contact Information	8
6.0 SPILL CONTINGENCY PLAN.....	9
7.0 RECEIVING AND RECORDKEEPING PROCEDURES	10
7.1 Receiving Procedures	10
7.2 Recordkeeping	10
8.0 QUALITY ASSURANCE PLAN FOR TREATMENT SYSTEM.....	11
8.1 Treatment Effectiveness.....	11
8.2 Container Washing Quality Assurance.....	11
8.3 Equipment Maintenance	11
9.0 EMPLOYEE TRAINING.....	12

FIGURES

Figure 1	Facility Location Map
Figure 2	Treatment Equipment Schematic
Figure 3	Facility Layout/Emergency Equipment & Evacuation Map

APPENDICES

Appendix A	Alternative Treatment Technology Approval
Appendix B	Local Host Government Approval
Appendix C	Judicial Review Order
Appendix D	Emergency Contact List



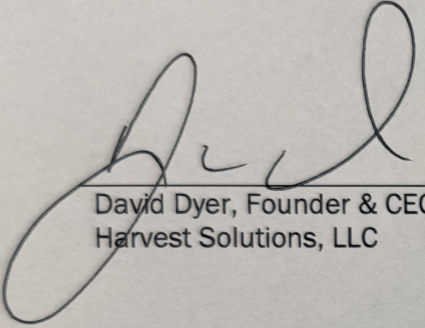
PROJECT SUMMARY

In accordance with the Alabama Medical Waste Program Regulations, ADEM Administrative Code Division 335-17, **Harvest Solutions, LLC** is submitting this *Medical Waste Management Plan* as part of the medical waste treatment permit application for its proposed facility in Birmingham, Alabama. This Plan has been developed in accordance with the requirements of ADEM Admin. Code r. 335-17-6-.01(3).

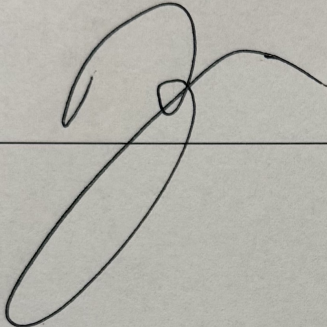


OWNER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



David Dyer, Founder & CEO
Harvest Solutions, LLC



Date

08/31/2026



PROFESSIONAL ENGINEER CERTIFICATION

I certify under penalty of law that I am a Registered Professional Engineer, licensed to practice in the State of Alabama by the Alabama Board of Registration for Professional Engineers and Land Surveyors. The information submitted herein to the best of my knowledge and belief, is true, accurate and complete.

Phillip D. Davis, P.E.
Alabama Professional Engineer #19547

August 31, 2026

Date

1.0 INTRODUCTION AND PROJECT BACKGROUND

In accordance with the Alabama Medical Waste Program Regulations, ADEM Administrative Code Division 335-17, Harvest Solutions, LLC is submitting this *Medical Waste Management Plan* as part of the medical waste treatment permit application for its proposed facility in Birmingham, Alabama. This Plan has been developed in accordance with the requirements of ADEM Admin. Code r. 335-17-6-.01(3).

Harvest Solutions LLC (Harvest) has engaged LaBella Associates, D.P.C. (LaBella) to prepare this Medical Waste Management Plan (Plan) as part of the medical waste treatment permit application for its proposed facility in Birmingham, Alabama. The facility is to be located at 4400 7th Avenue North in Birmingham (Jefferson County). The facility location is shown in **Figure 1**.

Harvest intends to utilize alternative treatment technology, the Ozone Medical Waste Treatment (OMW) system as validated and approved by ADEM. The OMW and container decontamination procedures are designed to provide protection to public health and the environment equal to or greater than conventional approved treatment methods. A process schematic is shown in **Figure 2**.

On December 16, 2025, ADEM issued approval for alternative medical waste treatment technology to Clean Waste Systems LLC (CWS) for its ozone medical waste (OMW) treatment method using the OMW-200/400 and OMW-1000 treatment systems. (**See Appendix A**).

Treatment effectiveness of the OMW system is demonstrated through:

- Validated processing procedures
- Continuous parametric monitoring
- Routine efficacy testing
- Preventive maintenance
- Visual cleanliness standards
- Documentation and corrective action protocols

On April 14, 2026, Harvest received local host government approval from the City of Birmingham for its proposed medical waste treatment facility. This approval was granted in accordance with the requirements of the Solid Wastes and Recyclable Materials Management Act of 2008, as amended, in §22-27-48.1 of Code of Alabama, 1975. (**See Appendix B**) On August 20, 2026, the host government approval was affirmed by the Circuit Court of Jefferson County. (**See Appendix C**)

2.0 TYPES OF MEDICAL WASTE TO BE TREATED

The proposed Harvest facility shall receive and treat regulated medical waste generated by healthcare facilities, laboratories, clinics, pharmacies, and related generators located within the State of Alabama. Consistent with the application for alternative medical waste treatment technology filed by Clean Waste Systems and subsequently approved by ADEM on December 16, 2025, waste streams to be received for treatment by Harvest shall include:

- Red bag medical waste
- Sharps containers containing needles and syringes (used and unused)
- Pharmaceutical (non-RCRA) and trace chemo waste
- Pathological and infectious waste permitted under Alabama regulations

The facility shall also receive and treat medical grade, single use plastic devices from medical device companies both within and outside of Alabama.

In addition, the facility will shred paper documents received from businesses both within and outside of Alabama. This process will be outside the purview of the requirements on ADEM Administrative Code Division 335-17 regulations.

Confidential document shredding is a separate commercial service and will not be managed as medical waste. Shred material is to be collected in clearly marked, color-coded containers that are visually distinct from medical waste containers, kept segregated in transport, and received and processed in a designated area separate from the medical waste treatment area. Of this non-medical waste confidential shred material, only material from these dedicated shred containers will be recovered for recycling. In the unlikely event shredded material is commingled with medical waste, it shall be managed and treated as medical waste — it will not be removed from the medical waste container and will not be recovered for recycling.

3.0 UNLOADING AND HANDLING PROCEDURES

3.1 Receipt and Unloading

The facility proposes utilizing the following steps for the receipt and unloading of medical waste to be treated.

- Medical waste transport vehicles shall arrive at the designated receiving area.
- Waste manifests and shipping papers shall be reviewed prior to unloading.
- Containers are to be inspected for damage, leaks, or improper packaging.
- Waste shall be transferred directly into designated storage or processing areas.
- Untreated medical waste is received into the designated storage area and treated on a scheduled operating day, normally the first operating day following receipt. Untreated medical waste is not held beyond the storage timeframe allowed under ADEM Admin. Code Division 335-17-6-.01(5). If the treatment system is out of service for maintenance or repair, untreated waste will be transferred under manifest to a permitted off-site medical waste treatment facility. Harvest maintains arrangements with more than one such facility.

3.2 Waste Handling

- Reusable medical waste containers shall be emptied into OMW processing bins.
- Nonreusable medical waste containers shall be placed directly into OMW processing bins.
- Untreated waste shall be stored only in approved containment areas pending treatment.
- Treated waste will be transferred to designated treated waste storage areas prior to final disposal at an ADEM-approved landfill, or to an appropriate facility for recycling.
- Disposal of treated waste shall be conducted in accordance with the applicable requirements of ADEM Admin. Code r. 335-13-4-.21(1)(c).

3.3 Container Cleaning

Reusable medical waste containers are to be cleaned using validated washing systems and accepted industry practices. Cleaning shall be accomplished through disinfection using an EPA-registered disinfectant according to manufacturer instructions. If necessary, a wash stage using detergent, water, agitation, pressure, and movement may be utilized to remove soil.

Containers shall be visually inspected after cleaning. Any visibly soiled containers shall be recleaned.

4.0 SAFETY PROCEDURES

The proposed facility shall maintain safety procedures as necessary to minimize employee exposure and protect public health and the environment.

4.1 Personal Protective Equipment (PPE)

Harvest Solutions LLC employees handling medical waste shall utilize:

- Gloves
- Protective gowns or coveralls (if necessary)
- Eye and face protection
- Safety footwear
- Air Masks and Respiratory protection where required

4.2 Exposure Prevention

- All containers are handled as potentially infectious.
- Reusable medical waste containers utilize inner red biohazard liners to minimize contamination.
- Handwashing stations and sanitation supplies are maintained throughout operational areas.
- Employees follow OSHA Bloodborne Pathogen requirements and facility exposure control procedures.

4.3 Equipment Safety

- Automated processing systems include mechanical safeguards and controlled access points.
- Routine inspections and preventive maintenance are performed on treatment and washing equipment.
- Ambient ozone monitors shall be located near the operations area to continuously monitor ozone levels and ensure operator safety.
- If ozone reaches an unsafe concentration, the ambient ozone monitor activates both an audible and visual alarm. The ozone generator automatically shuts down, and the ozone destruct system automatically activates to convert the remaining ozone back to oxygen until the environment returns to a safe level.
- Harvest personnel shall evacuate the affected area until ozone concentrations have returned to a safe level. The mechanical ventilation/air exchange fan will also be activated to help clear the room before personnel re-enter.

5.0 EMERGENCY PREPAREDNESS AND RESPONSE PLAN

The proposed facility shall develop and maintain emergency procedures addressing each of the following situations:

- Fire
- Severe weather
- Equipment malfunction
- Utility interruption
- Employee injury
- Chemical exposure
- Medical waste spills or releases

5.1 Emergency Procedures

In the event of an emergency, employee safety shall be the first priority. Employees shall immediately notify the Facility Manager or designated supervisor of any emergency condition. Emergency services shall be contacted by calling **911** whenever there is an immediate threat to employees, the public, property, or the environment.

All incidents shall be documented, and the Facility Manager shall determine whether notification to the Alabama Department of Environmental Management (ADEM) or another regulatory agency is required.

5.1.1. Fire

- Stop operations if it can be done safely.
- Activate the fire alarm and notify the Facility Manager.
- Call **911** for any fire that cannot be safely controlled immediately.
- Use a fire extinguisher only if the fire is small, the employee has been trained, and there is a safe exit route.
- Evacuate employees to the designated assembly area.
- Do not re-enter the facility until authorized by emergency personnel or the Facility Manager.
- Medical waste affected by the fire shall be contained, evaluated, and properly treated or disposed of before normal operations resume.

5.1.2. Severe Weather

- Monitor local weather alerts when severe weather is anticipated.
- Stop waste processing when conditions could affect safe facility operations.
- Secure medical waste containers, equipment, exterior doors, and other materials when time permits.
- Employees shall move to the designated severe-weather shelter area during a tornado or other immediate weather threat.
- Following the event, inspect the facility for structural damage, utility problems, spills, or releases before restarting operations.

- Any released medical waste shall be contained and cleaned up in accordance with the facility's spill procedures.

5.1.3. Equipment Malfunction

- Stop the affected equipment immediately if continued operation could create an unsafe condition or result in improper treatment of medical waste.
- Place the equipment in a safe condition and follow lockout/tagout procedures when applicable.
- Notify the Facility Manager and authorized maintenance personnel.
- Do not process additional medical waste through the affected equipment until repairs are completed.
- Any waste that has not completed the required treatment process shall be considered untreated medical waste and shall be properly contained and stored.
- Do not restart the equipment until it has been inspected and determined to be operating properly.
- Document significant malfunctions and corrective actions.

5.1.4. Utility Interruption

Utility interruptions may include loss of electrical power, water, compressed air, ventilation, communications, or other utilities necessary for safe facility operation.

- Stop treatment operations if the utility interruption prevents the equipment from operating safely or completing the required treatment cycle.
- Secure the treatment system and medical waste.
- Notify the Facility Manager.
- Maintain untreated medical waste in properly closed and labeled containers in the designated storage area.
- If the treatment system is out of service for maintenance or repair, untreated waste will be transferred under manifest to a permitted off-site medical waste treatment facility. Harvest maintains arrangements with more than one such facility.
- Treatment operations shall not resume until required utilities have been restored and the equipment has been verified to be operating properly.
- Waste that did not complete a validated treatment cycle shall be reprocessed through a complete treatment cycle or otherwise properly managed as untreated medical waste.

5.1.5. Employee Injury

- Stop work in the immediate area when necessary to prevent additional injuries.
- Provide first aid by trained personnel when appropriate.
- Call **911** for serious or life-threatening injuries.
- For a needlestick, cut, splash, or other exposure to untreated medical waste, immediately wash or flush the affected area and report the incident to the supervisor.
- Obtain appropriate medical evaluation following the facility's exposure-control procedures.
- Secure the area if the injury resulted from unsafe equipment or conditions.
- Document the incident according to facility safety procedures.

5.1.6. Chemical Exposure

Chemical exposure may include cleaning chemicals, disinfectants, ozone, maintenance chemicals, or other chemicals used at the facility.

- Immediately leave the affected area if there is an inhalation hazard or unsafe concentration of a chemical or gas.
- Shut down the source of the exposure only if it can be done safely.
- For skin or eye contact, immediately flush the affected area with water as directed by the applicable Safety Data Sheet (SDS).
- Move anyone experiencing inhalation exposure to fresh air when it is safe to do so.
- Call **911** for serious exposure or breathing difficulties.
- Consult the applicable SDS for first-aid, evacuation, spill-control, and personal protective equipment requirements.
- Ventilate and isolate the affected area as appropriate.
- Do not permit employees to re-enter the area until it has been determined safe.

5.1.7. Medical Waste Spill or Release

- Stop operations in the affected area and restrict access.
- Keep unprotected employees and visitors away from the spill.
- Employees performing cleanup shall wear appropriate personal protective equipment (PPE), including gloves and other protective equipment appropriate for the material involved.
- Carefully collect spilled medical waste using tools such as tongs, shovels, absorbent material, or other appropriate equipment. Do not pick up broken sharps or glass by hand.
- Place recovered waste into an appropriate medical-waste or sharps container.
- Contain liquids with absorbent material and prevent the release from entering floor drains, storm drains, soil, or surface water.
- Clean and disinfect contaminated surfaces using an appropriate disinfectant.
- Place contaminated cleanup materials into appropriate medical-waste containers for treatment before disposal.
- Inspect the area and confirm that the spill has been completely cleaned and disinfected before allowing normal operations to resume.
- Notify the Facility Manager and document the spill, including the cause, approximate quantity released, cleanup actions, and corrective measures.
- The Facility Manager shall determine whether notification to **ADEM or other emergency/regulatory authorities** is required based on the nature, quantity, and location of the release.

5.1.8 Emergency Notification and Documentation

Following any significant emergency, the Facility Manager or designee shall:

- Confirm that employees and visitors are accounted for and the immediate hazard has been controlled.
- Contact emergency responders when necessary.
- Evaluate whether medical waste, chemicals, wastewater, or other materials were released to the environment.

- Arrange for proper containment, cleanup, treatment, and disposal.
- Notify ADEM or other regulatory agencies when required.
- Document the incident, response actions, cleanup activities, and corrective actions taken to prevent recurrence.
- Inspect affected equipment and areas before authorizing the resumption of normal operations.

5.2 Emergency Equipment

The proposed facility shall maintain the following equipment on-site for emergency situations:

- Fire extinguishers
- Spill response kits
- First aid supplies
- Emergency eyewash stations

A plant layout showing the location of the listed emergency equipment and emergency evacuation routes is included in this Plan. **(See Figure 3)**

5.3 Emergency Contact Information

Emergency contact information shall be posted and maintained throughout the facility. All Harvest Solutions LLC employees shall receive emergency response training during initial and annual refresher training. A list of Emergency Contacts is included in this Plan. **(See Appendix D)**

6.0 SPILL CONTINGENCY PLAN

In the event of a spill or release, Harvest Solutions LLC shall secure and isolate the affected area. Employees responding to the spill or release shall utilize appropriate personal protective equipment (PPE). Spilled materials shall be contained or controlled using absorbent and disinfecting materials. To the extent practicable, spilled waste shall be collected and repackaged into appropriate containers.

Once the initial spill is contained and waste is collected, impacted surfaces shall be disinfected using EPA-registered disinfectants. All materials used to remediate spilled waste shall be disposed of as regulated medical waste.

Harvest Solutions LLC personnel shall document the incident and all corrective actions taken to remediate all spills. Copies of such documentation shall be maintained on-site and made available for inspection.

Any release above reportable regulatory thresholds shall be reported to the appropriate entities in accordance with applicable regulatory requirements.

7.0 RECEIVING AND RECORDKEEPING PROCEDURES

7.1 Receiving Procedures

All incoming waste shipments are to be verified against manifests or shipping documentation and shall be stored in the designated receiving area for untreated wastes. Quantities, generator information, and waste categories for all incoming medical waste shall be recorded. Any discrepancies in shipping documentation or damaged containers shall be documented and investigated. If necessary, incoming medical wastes with incomplete or inaccurate documentation or wastes in damaged containers shall be rejected and returned to the generator.

7.2 Recordkeeping

The facility shall maintain the following records:

- Waste manifests and shipping papers
- Treatment and operational logs
- Equipment maintenance and routine inspection records
- Employee training records
- Quality assurance testing results
- Incident and spill reports

Records shall be retained for a minimum of 3 years in accordance with ADEM and applicable federal requirements.

8.0 QUALITY ASSURANCE PLAN FOR TREATMENT SYSTEM

8.1 Treatment Effectiveness

The facility utilizes an Ozone Medical Waste Treatment system, which has been validated and approved by the State of Alabama as the treatment method.

Parametric monitoring is used to ensure each waste load is treated at the required ozone concentration (parts per million) for the designated exposure time.

In addition, ongoing efficacy testing will be conducted at least once every 40 hours of combined operation to verify and validate the accuracy and effectiveness of the parametric monitoring system. Consistent with the conditions of ADEM's December 16, 2025, approval of the Clean Waste Systems OMW technology, the system will be evaluated for effectiveness under full loading, demonstrating a 6 log₁₀ reduction of *Bacillus atrophaeus*. Harvest will maintain an efficacy testing log on site and available for ADEM review, along with per-cycle operating records. If a test does not pass, treatment shall cease until the cause is identified and corrected and a passing test is obtained; waste treated since the last passing test will be re-treated or transferred to a permitted off-site treatment facility.

8.2 Container Washing Quality Assurance

The reusable container washing systems utilize:

- EPA-registered detergents and disinfectants
- Daily monitoring of disinfectant concentration
- Visual inspection standards requiring zero visible soil or residue

Wash water chlorine concentration shall be monitored daily to maintain approximately **500 ppm** available chlorine.

8.3 Equipment Maintenance

Routine maintenance schedules are followed for all treatment and washing equipment. These include:

- Daily inspections and cleaning
- Weekly disinfecting and operational checks
- Monthly descaling and valve testing
- Annual component inspections and replacements

9.0 EMPLOYEE TRAINING

Employees of Harvest Solutions LLC whose duties involve medical waste management shall receive training appropriate to their responsibilities.

Training topics shall include:

- Medical waste handling procedures
- PPE usage
- Bloodborne pathogen awareness
- Emergency response procedures
- Spill cleanup procedures
- Equipment operation
- Quality assurance procedures
- OSHA and ADEM regulatory compliance

Any required employee training shall be conducted prior to commencement of assignment of duties or whenever procedures are updated or amended. In addition, all Harvest Solutions LLC employees shall receive annual refresher training.

All employee training records shall be maintained by facility management and made available for inspection upon request.



Legend

-  Approximate Property Boundary
-  Building

SCALE (FT):
0 25 50 100

TITLE:

Site Location Map

Medical Waste
Management Plan

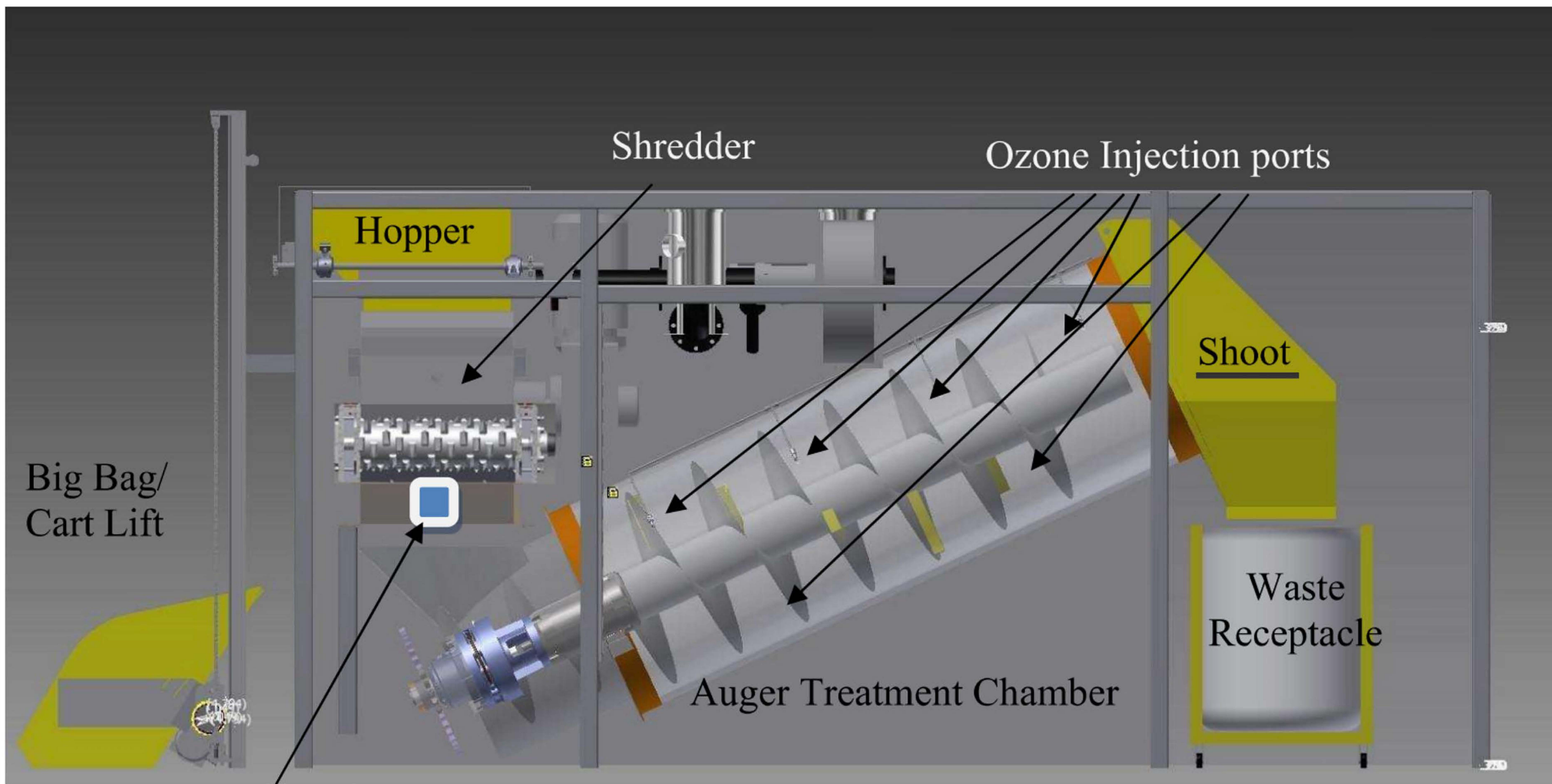
Harvest Solutions, LLC
4400 7th Avenue North
Birmingham, Alabama 35212

FIGURE NO.	PROJECT NO.
1	2262982
DRAWN BY:	DRAWN DATE:
KC	08/13/2026

 **LaBella**
Powered by partnership.

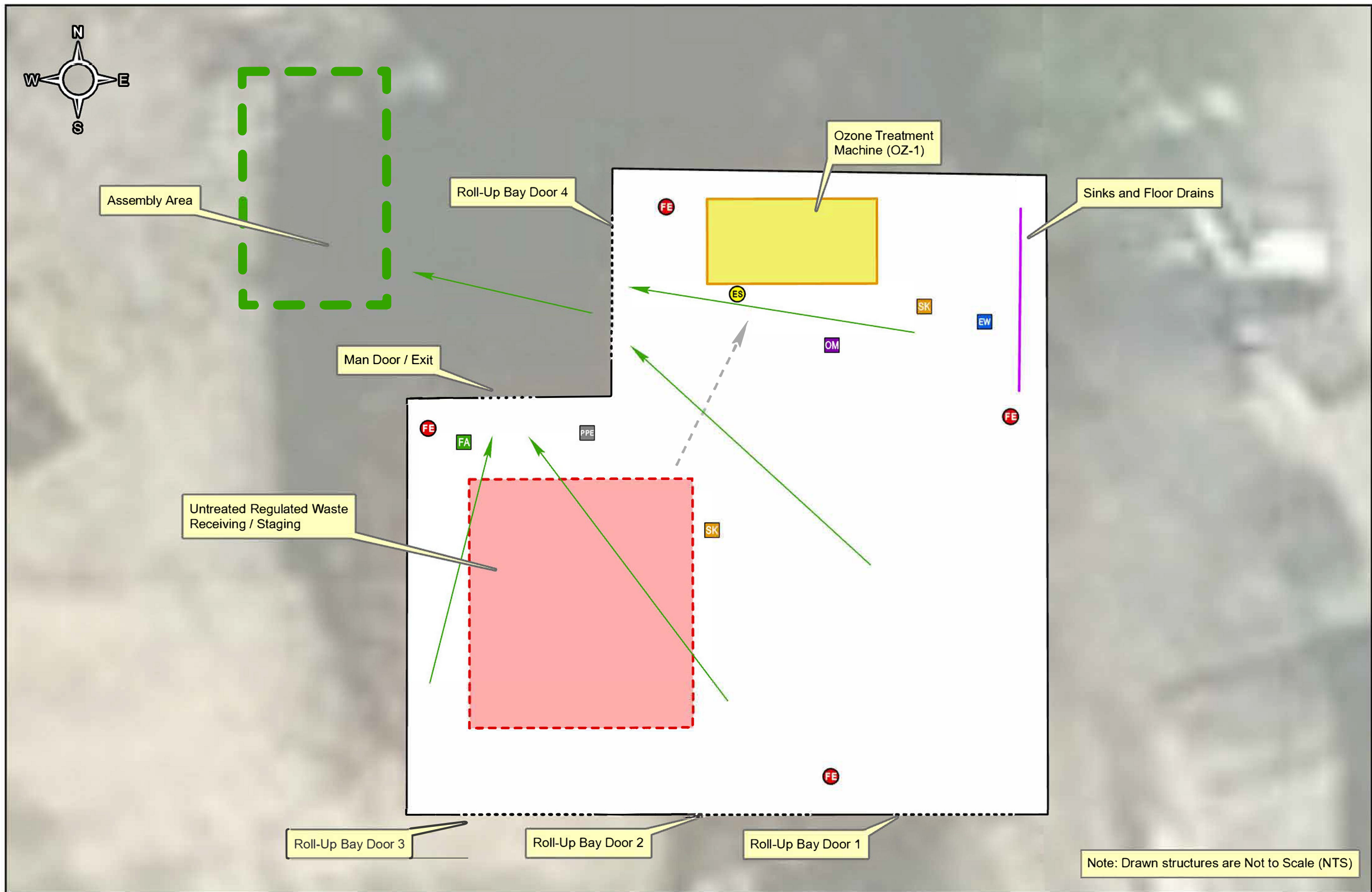
528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, JetiCoAL, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, Meti, NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



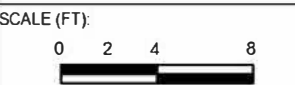
TITLE:	
Treatment Equipment Schematic	
Medical Waste Management Plan	
Harvest Solutions, LLC 4400 7th Avenue North Birmingham, Alabama 35212	
FIGURE NO.	PROJECT NO.
2	2262982
DRAWN BY:	DRAWN DATE:
KC	08/13/2026
 LaBella Powered by partnership.	
528 MINERAL TRACE HOOVER, AL 35244 (205) 985-4874	

Test Port Door



Legend

- Assembly Area
- Ozone Treatment Machine
- Exterior Area
- Evacuation Routes
- Process Flow
- Sinks / Floor Drains
- Fire Extinguisher (FE)
- Spill Kit (SK)
- First Aid Station (FA)
- Eyewash Station (EW)
- Emergency Stop (ES)
- Ozone Monitor (OM)
- PPE Station (PPE)



TITLE:

Process Warehouse
Layout / Emergency Map

Medical Waste
Management Plan

Harvest Solutions, LLC
4400 7th Avenue North
Birmingham, Alabama 35212

FIGURE NO.	PROJECT NO.
3	2262982
DRAWN BY:	DRAWN DATE:
KC	08/13/2026



528 MINERAL TRACE
HOOVER, AL 35244
(205) 985-4874

Appendix A

EDWARD F. POOLOS
DIRECTOR

JEFFERY W. KITCHENS
DEPUTY DIRECTOR



Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

KAY IVEY
GOVERNOR

December 16, 2025

Peter Jude
Executive Vice President/COO
Clean Waste Systems, LLC
200 Birch Avenue South
Maple Lake, MN 55358

RE: Approval of Alternative Medical Waste Treatment Technology

Dear Mr. Jude:

On April 28, 2025, the Department received an application for approval of an alternative medical waste treatment method from Clean Waste Systems, LLC ("CWS"). CWS is seeking approval from the Department for its ozone medical waste (OMW) treatment method, specifically utilizing the OMW-200/400 and OMW-1000 systems.

According to the documentation provided by CWS, the OMW-200/400 and OMW-1000 systems are engineered to shred and treat medical waste utilizing ozone, thereby attaining a 6 log 10 reduction of *Bacillus atrophaeus*.

The Department has finalized its assessment of CWS' application and has determined that the medical waste treatment technology utilized in the OMW-200/400 and OMW-1000 systems is an acceptable treatment method when operated according to the design specifications.

In compliance with ADEM Admin. Code r. 335-17-6-.01(12)(a-g), the Department grants approval for the ozone treatment method using the OMW-200/400 or OMW-1000 systems with the following requirements:

- The ozone treatment method using the OMW-200/400 or OMW-1000 systems are approved to treat the following types of medical waste: animal waste, bulk human blood, blood products, body fluids, microbiological waste, surgical waste, pathological waste, sharps, and all other medical wastes as outlined in ADEM Admin. Code r. 335-17-1-.02.
- If anatomical medical waste, which includes recognizable human tissue, organs, body parts, and infected animals, is present after treatment in the systems, it shall be further processed to render the waste unrecognizable.
- If loose sharps are present after treatment in the systems, the waste shall be further processed to render it safe for subsequent handling and disposal



Birmingham Office
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Office
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)

Coastal Office
1615 South Broad Street
Mobile, AL 36605
(251) 450-3400
(251) 479-2593 (FAX)

- The OMW-200/400 and OMW-1000 systems shall be evaluated for effectiveness under full loading by using an approved method at least once every forty (40) hours of combined operation.

Please be advised that the approval of this technology does not equate to the issuance of a permit or a modification of a permit that authorizes the application of this technology at a particular facility. The requirements for a medical waste treatment facility permit may be found in ADEM Admin. Code r. 335-17-8. Should you have any questions concerning this decision, please contact Ms. Ashley Powell at (334) 271-7703.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen A. Cobb".

Stephen A. Cobb, P.E.
Chief, Land Division

Appendix B

Ap14oca28jb.r1

RECOMMENDED BY: THE MAYOR

SUBMITTED BY: THE CITY ATTORNEY

RESOLUTION NO. 860-2026

WHEREAS, the Council of the City of Birmingham has adopted a local Solid Waste Management Plan in accordance with Ala. Code, 1975, Sec. 22-27-47;

WHEREAS, Ala. Code, 1975, Sec. 22-27-48, provides that the governing body of a municipality has a responsibility for and the authority to assure the proper management of solid wastes generated within its jurisdiction in accord with its solid waste management plan;

WHEREAS, Ala. Code, 1975, Sec. 22-27-48.1, governs the process for the governing body to approve or disapprove the siting of new solid waste management facilities proposed in its jurisdiction in accord with its solid waste management plan;

WHEREAS, Ala. Code, 1975, Sec. 22-27-48, provides that such local approval or disapproval of solid waste disposal sites shall be in addition to any other approvals required from other regulatory authorities and shall be made prior to any other approvals necessary for the provision of such services;

WHEREAS, Harvest Solutions, LLC submitted an application on January 16, 2026, pursuant to Ala. Code, 1975, Sec. 22-27-48.1, for a new indoor, non-hazardous medical waste treatment and document shredding facility to be located at 4400 7th Avenue North in the City of Birmingham;

WHEREAS, the City Council formally received Harvest Solutions, LLC's application at its next regular meeting, January 20, 2026, and approved the applicant's proposed date, time, and location for a public awareness session as February 23, 2027, from 5:00 p.m. – 7:00 p.m, at 4400 7th Avenue North, as required by Ala. Code, 1975, Sec. 22-27-48.1;

WHEREAS, the City Council, by and through its City Clerk, provided for the notices required by Ala. Code, 1975, Sec. 22-27-48.1(e);

WHEREAS, the applicant provided notice of the public awareness session as required by as required by Ala. Code, 1975, Sec. 22-27-48.1(f) and held the session at the date, time, and location approved by the Council with the formal receipt of the application;

WHEREAS, the City Council set a public hearing for the Council's April 7, 2026 regular meeting, which is not more than 45 days after the public awareness session held on February 23rd, and published notice of the hearing at least 30 days, but not more than 45 days, prior to the proposed hearing date;

WHEREAS, the Council held its public hearing on April 7, 2026, where it heard a presentation by the applicant, was able to make inquiries of the applicant regarding its business operations and its commitment to the community where it will locate, and heard from members of the public, including neighborhood leaders and other credible resident and business citizens;

WHEREAS, no written comments were received from the public, but the Council has received written reports from the Department of Public Works and the Department of Planning, Engineering, and Permits relating to consistency with the City's Solid Waste Management Plan and the zoning and other information related to the proposed site;

WHEREAS, the Council has considered Harvest Solutions, LLC's application, the presentation of the applicant at the public hearing, comments received from the public, and relevant information provided by staff related to the site location and the Solid Waste Management Plan.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Birmingham that the application of Harvest Solutions, LLC formally received by the Council on January 20, 2026, be and hereby is approved to locate a new indoor, non-hazardous medical waste treatment and document shredding facility to be located at 4400 7th Avenue North in the City of Birmingham, Alabama, 35212.

In granting this approval, the Council has considered, and finds the proposal to be consistent with, each of the following factors in accordance with Ala. Code, 1975, Sec. 22-27-48:

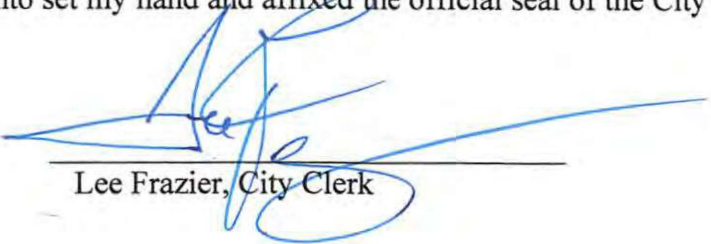
- (1) The consistency of the proposal with the jurisdiction's solid waste management need as identified in its plan.
- (2) The relationship of the proposal to local planned or existing development or the absence thereof, to major transportation arteries, and to existing state primary and secondary roads.
- (3) The location of a proposed facility in relationship to existing industries in the state that generate large volumes of solid waste, or the relationship to the areas projected for development of industries that will generate solid waste.
- (4) Costs and availability of public services, facilities, and improvements required to support a proposed facility and protect public health, safety, and the environment.
- (5) The impact of a proposed facility on public safety and provisions made to minimize the impact on public health and safety.
- (6) The social and economic impacts of a proposed facility on the affected community, including changes in property values, and social or community perception.

STATE OF ALABAMA)
JEFFERSON COUNTY)

I, the undersigned qualified Clerk of the City of Birmingham, Alabama, do hereby certify that the above and foregoing is a true copy of Resolution No.860-26 lawfully passed and adopted by the City Council of the named therein, at a regular meeting of such Council held on the 14th day of April 2026.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the City on the 27th day of April, 2026.





Lee Frazier, City Clerk

Appendix C



AlaFile E-Notice

01-CV-2026-902666.00

Judge: JAVAN PATTON CRAYTON

To: PRITCHETT REBECCA WRIGHT
rpritchett@maynardnexsen.com

NOTICE OF ELECTRONIC FILING

IN THE CIRCUIT COURT OF JEFFERSON COUNTY, ALABAMA

HARVEST SOLUTIONS, LLC V. THE CITY OF BIRMINGHAM, ALABAMA
01-CV-2026-902666.00

The following matter was FILED on 8/20/2026 2:41:12 PM

Notice Date: 8/20/2026 2:41:12 PM

JACQUELINE ANDERSON SMITH
CIRCUIT COURT CLERK
JEFFERSON COUNTY, ALABAMA
716 RICHARD ARRINGTON, JR BLVD
BIRMINGHAM, AL, 35203

205-325-5355
jackie.smith@alacourt.gov

1. Defendant complied with the public comment requirements and time frames required under Ala. Code § 22-27-48.1.
2. Defendant's approval of the Application is consistent with the City's solid waste management plan in place pursuant to Ala. Code § 22-27-47.
3. Prior to approving the Application, Defendant considered the following criteria provided in subsection (c) of Ala. Code § 22-27-48 as presented to the Defendant by the Plaintiff in its Application:
 - a. the consistency of Plaintiff's proposal with Defendant's solid waste management need as identified in its current solid waste management plan;

- b. the relationship of Plaintiff's proposal to local planned or existing development or the absence thereof, to major transportation arteries, and to existing state primary and secondary roads;
- c. the location of Plaintiff's proposed facility in relationship to existing industries in the state that generate large volumes of solid waste, or the relationship to the areas projected for development of industries that will generate solid waste;
- d. costs and availability of public services, facilities, and improvements required to support Plaintiff's proposed facility and protect public health, safety, and the environment;
- e. the impact of Plaintiff's proposed facility on public safety and provisions made to minimize the impact on public health and safety; and
- f. the social and economic impacts of Plaintiff's proposed facility on the affected community, including changes in property values, and social or community perception.

DONE this 20th day of August, 2026.

/s/ JAVAN PATTON CRAYTON
CIRCUIT JUDGE

Appendix D

Harvest Solutions LLC

Emergency Contacts

NAME	TITLE	TELEPHONE NUMBER
David Dyer	CEO/Owner	(334) 444-0535
Todd Cook	COO	(205) 365-8065
Mason Gooch	Business Development	(205) 960-8981