State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
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Milwaukee, WI 53233

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October 5, 2026

Transmitted via electronic mail

File Ref: FID 241384000
MILW
HWLIC

Tita LaGrimas
VP of Regulatory Affairs and Sustainability
Tradebe Treatment and Recycling of Wisconsin, LLC
1433 E 83rd Ave., Suite 200
Merrillville, IN 46410

Henry Krier
Property Owner
Badger Investment Realty, LLC
N55 W34685 Road East
Oconomowoc, WI 53223

SUBJECT: Notice of Substantial Completeness and Preliminary Determination
Tradebe Treatment and Recycling of Wisconsin, LLC
EPA ID # WID988580056, FID 241384000
License # 6026 for Storage of Hazardous Waste in Containers
License # 4395 for Treatment of Hazardous Waste in Containers

Dear Ms. LaGrimas and Mr. Krier:

The Department of Natural Resources (department) has reviewed the license renewal application for completeness and technical adequacy, including the Feasibility and Plan of Operation Report (FPOR) dated September 17, 2024, with additional information provided on March 13, 2025, from Tradebe Treatment and Recycling of Wisconsin, LLC (Tradebe), located at 5611 W. Hemlock St., Milwaukee, Wisconsin.

Based on the department's review, the application has been determined to be sufficiently complete for the purposes of ss. NR 670.010(3), NR 670.051 and NR 670.403, Wis. Adm. Code. While the department has determined that the application is sufficient to issue a renewed operating license under s. NR 670.010(3), Wis. Adm. Code, the department continues to have concerns regarding specific elements of the application. Tradebe's predecessor, Badger Disposal, submitted the initial FPOR to the department at least 180 days before the expiration date of the operating license in accordance with s. NR 670.010(8), Wis. Adm. Code, to begin the 10-year license renewal process. Following the initial FPOR submittal, Tradebe submitted several revised FPORs in response to technical deficiencies, areas of incompleteness, and other department comments. A summary table of license renewal application submittals and department responses spanning from the initial submittal in February 2017 through the current FPOR dated September 2024 is included below for reference. For further details on license renewal submittals and correspondence, please see the Findings of Fact within the Preliminary Determination.

Date	Licensing Activity	Description
February 1, 2017	Renewal Application	Badger submits initial 10-year renewal application (including a new FPOR)
May 2, 2017	NOI/NOD	Department issued NOI to Tradebe for the February 1, 2017, FPOR.

Date	Licensing Activity	Description
August 1, 2017	License Expiration	Original expiration date of current 10-year license
May 25, 2018	Renewal Application	Tradebe submits revised 10-year renewal FPOR (secondary containment information not included)
November 5, 2018	Renewal Application	Tradebe submits revised 10-year renewal FPOR (secondary containment information not included)
January 11, 2019	NOI/NOD	Department issued NOI to Tradebe for the November 5, 2018, FPOR (required secondary containment information).
November 5, 2020	Renewal Application	Tradebe submits revised 10-year renewal FPOR.
February 24, 2021	NOI/NOD	Department issued NOI to Tradebe for the November 5, 2020, FPOR.
January 11, 2023	Renewal Application	Tradebe submits revised 10-year renewal FPOR.
June 30, 2023	Renewal Application	Tradebe submits revised 10-year renewal FPOR.
July 25, 2023	Renewal Application	Tradebe indicated its intent to withdraw the June 30, 2023, FPOR.
September 17, 2024	Renewal Application	Tradebe submits revised 10-year renewal FPOR.

Per s. NR 670.050(1), Wis. Adm. Code, the department may issue an operating license for a fixed term of no more than 10 years. In recognition of the delays discussed above and the need for additional administrative corrections and clarifications outlined herein, the department has determined that the license will be issued for a four (4) year term. To address specific elements of the application, this final determination establishes conditions requiring the Licensee to provide additional technical information to be incorporated into the FPOR during the established four-year license term. The department has compiled a reference table below of the modifications and timeframes, as established in the conditional requirements included within this approval. The reference table is not meant to be an exhaustive summary of conditioned license requirements but rather a quick reference of select reporting timelines to facilitate compliance. The Licensee maintains responsibility for keeping track of all relevant deadlines. Please note, failure to meet deadlines established in conditional requirements may subject the Licensee to the department's stepped enforcement process.

Permit Condition	Description	Type	Recurrence Frequency	Submittal Deadline
A.7.b	Site Identification and Part A Form	Modification	One Time	Within 1 month of this approval
D.2	Processing Activities - Revised R.5	Modification	One Time	Within 1 month of this approval
F.2.b	Required Aisle Space	Modification	One Time	Within 1 month of this approval
L.6	Subchapter CC Container Level 2 Transfers for Fuel Blending	Modification	One Time	Within 1 month of this approval
M.1.b	Approved WAP	Modification	One Time	Within 2 months of this approval
P.8	Closure Financial Assurance	Report	One Time	Within 2 months of this approval
J.5	Training Plan Updates	Modification	One Time	Within 6 months of this approval
K.11	Run-on Management for Secondary Containment	Modification	One Time	Within 8 months of this approval
F.3	Emergency Response Arrangements	Report	One Time	Within 12 months of this approval
N.1	Closure Plan	Modification	One Time	Within 12 months of this approval
B.4	License Reapplication	Reapplication	One Time	No later than 24 months prior to license expiration
P.2	Liability Financial Assurance	Report	Annual	January 31
Q.8	Waste Minimization Report	Report	Annual	March 1
P.3	Annual Cost Estimate Adjustment - Closure	Report	Annual	March 31

Permit Condition	Description	Type	Recurrence Frequency	Submittal Deadline
B.3	Annual FPOR Update	Modification	Annual	July 31
A.22	Other Authorizations	Notification	As needed	N/A
H.1	Notification of Transfer Facility	Modification	As needed	N/A
M.18	Manifest Discrepancy	Report	As needed	N/A
M.19	Post-Receipt Manifest Correction	Report	As needed	N/A
M.20	Exception Report	Report	As needed	N/A
O.2	Newly Identified SWMU/AOC	Modification	As needed	N/A
O.4	New Obligations	Modification	As needed	N/A
P.7	Changes Impacting Cost Estimates	Modification	As needed	N/A
Q.1	Contingency Plan Implementation Reporting	Report	As needed	N/A
Q.2	Emergency Reporting	Report	As needed	N/A
Q.3	Reporting Noncompliance	Report	As needed	N/A
Q.4	Reporting Other Information	Report	As needed	N/A
Q.5	Reporting Planned Changes	Report	As needed	N/A
Q.6	Compliance Schedule Reporting	Report	As needed	N/A

The department has also made the following preliminary determinations, for the purposes of the renewed operating license:

1. An environmental impact statement will not be required under s. 289.25, Wis. Stats.
2. The needs criteria in s. 289.28, Wis. Stats., have been met.
3. The water quality standards for wetlands found in ch. 103, Wis. Adm. Code, have been met.
4. The facility is feasible pursuant to s. 289.29, Wis. Stats.
5. To conditionally approve the application pursuant to s. NR 670.406, Wis. Adm. Code.

The department has preliminarily determined to renew the hazardous waste storage and treatment licenses under ch. NR 670, Wis. Adm. Code, for a four (4) year term, subject to the conditions in this determination. The preliminary determination and conditions of approval are attached to this letter. The department will now accept public comments on the preliminary determination as required by s. 289.25(3), Wis. Stats., and s. NR 670.410, Wis. Adm. Code. Comments will be received for 45 days following the publication of a Class 1 notice on the department's website at: https://dnr.wisconsin.gov/topic/Waste/Comment.html, which is planned to occur no later than October 19, 2026. Section 289.24(4), Wis. Stats. requires Tradebe to send copies of the FPOR to persons specified under s. 289.32, Wis. Stats. The Licensee(s) may satisfy this requirement through direct notification to the specified persons of the availability of the FPOR on the department's website listed above.

This public notice will also be published in the Wisconsin State Journal and Milwaukee Journal Sentinel on or about October 19, 2026, and an announcement of the opportunity for public comment will be broadcast over the local radio station. The department is also providing copies of the public notice and a link to the draft documents, including the FPOR, at https://dnr.wisconsin.gov/topic/Waste/Comment.html, to the entities identified in s. NR 670.410(3)(a), Wis. Adm. Code as shown below:

Required Party	Agency (Person) & Address	Contact and E-mail Address
Applicant [670.410(3)(a)1.]	Operator	Tita LaGrimas tita.lagrimas@tradebe.com
	Owner	Henry Krier Henry@Krierlands.com

Required Party	Agency (Person) & Address	Contact and E-mail Address
Fed. & State Agencies (preservation) [670.410(3)(a)3.]	Departmental Historic Preservation Officer/Archaeologist	Richard Kubicek richard.kubicek@wisconsin.gov
	Advisory Council on Historic Preservation	Advisory council on historic preservation not applicable
	including any affected Indian tribes	thpo@badriver-nsn.gov olivianunway@fcp-nsn.gov evanschroeder@fdlrez.com gregblackdeer@ho-chunk.com brian.bisonette@lco-nsn.gov sarah.thompson@ldftribe.com dgrignon@mitw.org marvin.defoe@redcliff-nsn.gov wandam@stcroixojibwe-nsn.gov michael.laronge@scc-nsn.gov smassey@sacandfoxnation-nsn.gov gary.bahr@sacandfoxks.com director.historic@meskwaki-nsn.gov THPO@pbpnation.org noah.white@piic.org alina.shively@lvd-nsn.gov
Persons on a Mailing List (MIPs from FIST) [670.410(3)(a)9.]	Sierra Club/John Muir Chapter 222 S. Hamilton Street, Ste. 1 Madison, WI 53703-3201	General Mailbox wisconsin.chapter@sierraclub.org
	Greenpeace USA 1300 Eye Street NW, Suite 1100 East Washington, DC 20005	General Mailbox connect@greenpeace.us
	Certified Environmental Solutions	Mark Bell mbell@certifiedenv.com
	Wisconsin Economic Development Corp (WEDC)	Michael Ward michael.ward@wedc.org
	Southeast Wisconsin Regional Planning Commission (SEWRPC)	General Mailbox sewrpc@sewrpc.org
	U.S. EPA Region 5 contact	Molly Finn Molly.Finn@epa.gov
	U.S. EPA Region 5 contact	Norberto Gonzales Gonzalez.Norberto@epa.gov
Clerks of local gov. with jurisdiction [670.410(3)(a)10.]	Clerk - Milwaukee County	George L. Christenson countyclerk@milwaukeecountyWI.gov
	Clerk - City of Milwaukee	Jim Owczarski jowcza@milwaukee.gov
State Agencies (const. & operation) [670.410(3)(a)11.]	Wis. Dept. of Ag, Trade & Consumer Protection (DATCP)	General Mailbox datcpweightsandmeasures@wisconsin.gov
	Department of Health Services (DHS)	Mailbox DHSEnvHealth@dhs.wisconsin.gov
	Wisconsin Emergency Management (WEM)	General Mailbox dmawempio@widma.gov
	Department of Administration (DOA) Waste Facility Siting Board	Brian Hayes Brian.Hayes@wisconsin.gov
Public Library in Each Municipality [670.410(3)(a)12.]	Milwaukee Public Library	Tony Fraus afraus@milwaukee.gov

The public notice will announce that the administrative record, the preliminary determination, and the fact sheet are

available for review. The notice will state that the department will receive comments for a period of 45 days from issuance of the public notice and will specify this date (which is expected to be on or about October 19, 2026). After the public comment period ends, the department will consider all comments received during the public comment period before issuing a final determination. Any comments received during the public comment period will also be reviewed to determine if there is significant public interest in this project to warrant an informational hearing under s. 289.26, Wis. Stats. or s. NR 670.412, Wis. Adm. Code, or to determine if the criteria of s. 289.27, Wis. Stats., have been met to require a contested case hearing. Once comments are considered, the department intends to issue a final determination and a renewal for Hazardous Waste Licenses #6026 and 4395.

Please note that this is a preliminary determination and is subject to change based on comments and additional information received by the department. If you have any questions regarding the attached documents, please contact Lauren Hill at lauren.hill@wisconsin.gov, or 414-308-9881.

Sincerely,

Andrea Keller

Andrea Keller, Section Manager
Hazardous Waste Prevention & Management Section
Waste and Materials Management Program

Lauren Hill

Lauren Hill, P.E., Hazardous Waste Licensing Engineer
Hazardous Waste Prevention & Management Section
Waste and Materials Management Program

cc:

Ben Petrus, WDNR
Dustin Sholly, WDNR
Kendra Fisher, WDNR
Andrea Keller, WDNR
Melanie Burns, WDNR
Norberto Gonzalez, EPA Region 5

BEFORE THE STATE OF WISCONSIN

DEPARTMENT OF NATURAL RESOURCES

PRELIMINARY DETERMINATION
FEASIBILITY AND PLAN OF OPERATION REPORT

Tradebe Treatment and Recycling of Wisconsin, LLC
5611 West Hemlock Street, Milwaukee, WI
EPA ID # WID988580056, FID 241384000
License # 6026 for Storage of Hazardous Waste in Containers
License # 4395 for Treatment of Hazardous Waste in Containers

Note to Reviewers: Blue highlighted areas will be completed when the final determination is issued, after the public comment period.

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Basic Facility Information

Facility Location and Contacts

Facility Name, and Address
Tradebe Treatment and Recycling of Wisconsin, LLC
5611 West Hemlock Street
Milwaukee, WI 53223

Facility Operator and Contact Information
Tradebe Treatment and Recycling of Wisconsin, LLC (Tradebe)
5611 West Hemlock Street
Milwaukee, WI 53223
Tita LaGrimas, VP of Regulatory Affairs
Tita.Lagrimas@tradebe.com

Property Owner and Contact Information
Badger Investment Realty, LLC (Badger)
N55 W34685 Road East
Oconomowoc, WI 53223
Henry Krier, Property Owner
henry@krierlands.com

Facility Location
5611 West Hemlock Street, Milwaukee, WI 53223
Parcel Number 1040701000
(referred to as Parcel 1 in Certified Survey Map 8176 in Attachment Q of the FPOR)
City of Milwaukee,
Milwaukee County, Wisconsin
Township 8 North, Range 21 East, Southwest 1/4 of Section 14

Affected Municipalities as defined s. 289.01(1), Wis. Stats.:
City of Milwaukee
Milwaukee County

Summary of Licensed Units

Hazardous Waste Storage in Containers (#6026): Container storage of hazardous waste is approved in various quantities within five (5) storage buildings, or container storage areas (CSA). Each building is referred to as a CSA or Area that will be used for storage, shipping and receiving, or waste management activities.
The CSAs are as follows:

- Area 1 (North Drum Storage Warehouse)
- Area 2 (2007 Warehouse Addition)
- Area 3 (2014 Enclosure Building)
- Area 4 (2009 Lab Pack Building)
- Area 5 (2017 West Warehouse)

The following table presents the licensed hazardous waste units and maximum licensed capacities for hazardous waste storage:

Table 1. Summary Licensed Hazardous Waste Container Storage Areas

Area	Description	Maximum Hazardous Waste Storage	
		(55 gal eq)	(gallons)
1	North Drum Storage Warehouse	720	39,600
2	2007 Warehouse Addition	492	27,060
3	2014 Enclosure Building	216	11,880
4	2009 Lab Pack Building	345	18,975
5	2017 West Warehouse	836	45,995
Totals		**2,609**	**143,510**

Licensed Treatment in Containers (#4395): Fuel blending is approved as licensed hazardous waste treatment for up to 6,000 gallons per day (gpd), in either Area 1 (North Drum Storage Warehouse) or Area 3 (Enclosure Building). Fuel blending treatment involves the combination of hazardous waste and other materials to create a blend that meets a fuel specification amendable to burning for energy recovery. Fuel blending is performed in a 6,000-gallon vacuum truck parked within the containment area of the North Drum Storage Warehouse (Area 1) or Enclosure Building (Area 3). The fuel blending operations consist of vacuuming the contents of smaller containers into a tanker truck. The material stored in the tanker truck counts towards the total storage capacity for the given CSA.

Licensing Process

Wisconsin laws and regulations regarding the management of hazardous waste are generally modeled after the federal program established under the Resource Conservation and Recovery Act (RCRA). Licenses are required for facilities that store, treat, or dispose of hazardous waste unless the activity is exempted or excluded. Licensed facilities may be issued approvals for up to ten years and must submit a new application, often referred to as a 10-year renewal application, before this period expires. Under s. NR 670.010(3), Wis. Adm. Code, the application is required to include a feasibility and plan of operation report (often referred to as an FPOR), Part A application information, and any supplemental information which are completed to the department's satisfaction.

The following steps typically occur when reissuing a hazardous waste license:

a. The applicant must submit a new and complete license application at least 180 days prior to the expiration date of the active approval.
b. After the department determines that an application is complete and notifies the applicant, the department issues preliminary determinations regarding the following:

    - The need for an environmental impact statement per s. 289.25(1), Wis. Stats.;
    - The need for the facility, using criteria in s. 289.28, Wis. Stats.;
    - Compliance with the water quality standards for wetlands of ch. 103, Wis. Adm. Code;
    - Whether facility is feasible pursuant to s. 289.29, Wis. Stats, and
    - Whether or not to conditionally approve the FPOR per s. NR 670.406(1), Wis. Adm. Code.

c. Within 90 days after the completeness determination or within 60 days after the feasibility determination, whichever is later, the department issues an approval (with conditions) of the FPOR per s. 289.30(6), Wis. Stats.
d. When issuing the preliminary determinations, the department publishes public notices per s. 289.25(3), Wis. Stats, and s. NR 670.410, Wis. Adm. Code.
e. After the application is declared complete, the applicant distributes the license application as required by s. 289.24(4), Wis. Stats.
f. A public comment period is available for 45 days after public notice per s. NR 670.410(2), Wis. Adm. Code. A public hearing may also be requested during this period per s. 289.26(1), Wis. Stats. and s. NR 670.411, Wis. Adm. Code.
g. Within 60 days after the close of the comment period, the department issues a final determination of feasibility per ss. 289.29(3) and (4), Wis. Stats. and s. NR 670.415(1), Wis. Adm. Code. This also includes a determination that there is a need for the facility per s. 289.28(3), Wis. Stats.
h. The department issues an operating license per s. 289.31, Wis. Stats. According to s. NR 670.050, Wis. Adm. Code, operating licenses shall be effective for a fixed term of up to 10 years and subject to annual operating license fees during that term. Pursuant to s. NR 670.050(3), Wis. Adm. Code, the department may issue an operating license for a duration that is less than the full allowable term under this section.

Wisconsin Regulatory Program

The Wisconsin hazardous waste regulatory program is administered through the Department of Natural Resources (department). The federal RCRA program requires "permits" to be obtained by hazardous waste treatment, storage, and disposal facilities (TSDFs). In Wisconsin, ch. 289, Wis. Stats., requires that these same facilities obtain "licenses" which have the same function and effect. Wisconsin's hazardous waste program, including licensing requirements, has been authorized by US EPA.

Chapter 289, Wis. Stats., lays out a minimum two-phased process for the licensing of solid waste facilities, including hazardous waste facilities, and establishes submittal, review, and public involvement processes for each phase. These phases involve the development and approval of a feasibility report and development and approval of a plan of operation. For hazardous waste facilities, subch. B of ch. NR 670, Wis. Adm. Code combines these into a single phase involving a feasibility and plan of operation report (FPOR) and adds additional submittal, review, and public involvement processes. Wisconsin's FPOR-based licensing process for hazardous waste facilities is subject to the applicable requirements of chs. 289 and 291, Wis. Stats., and ch. 670, Wis. Adm. Code. The FPOR is equivalent to the "Part B Application" called for in the federal RCRA program (40 CFR 270.14).

The final determination of feasibility is often referred to as the "plan approval" or "approval," as these terms are established, for example, in s. 289.29(3), Wis. Stats., pertaining to feasibility reports, and in ss. 289.30(4) through (8), Wis. Stats., pertaining to plans of operation. The final determination (approval) and its conditions become part of the license, along with the approved application (the FPOR and Part A information) and all approved subsequent license (plan) modifications. This approval is equivalent to the "Part B Permit" called for in the federal RCRA program.

Owner and Operator

Requirements of the license apply to all owners and operators of the facility, who are referred to herein collectively as the "licensee(s)." Actions by any owner or operator to be compliant with this license or that are non-compliant with this license constitute an action of all owners and operators as specified in chs. NR 664 and NR 670, Wis. Adm. Code.[1] For the purposes of this license, licensee(s) means the current operator and property owner as outlined below:

Operator
Tradebe Treatment and Recycling of Wisconsin, LLC
5611 West Hemlock Street
Milwaukee, WI 53223

Owner
Badger Investment Realty, LLC
N55 W34685 Road East
Oconomowoc, WI 53223

License Term

Per s. NR 670.050, Wis. Adm. Code, operating licenses shall be effective for a fixed term of no more than 10 years and are subject to annual operating license fees during that term. However, the department may issue an operating license for a duration that is less than the full allowable term. In recognition of the delays during the licensing process and the need for additional administrative corrections and clarifications, the department has determined that the maximum license term will not be issued at this time. While s. NR 670.050, Wis. Adm. Code allows for a maximum of a ten (10) year license term, the department is establishing the new license term as four (4) years from the final determination date. Based on the department's review, the application is sufficiently complete for the purposes of ss. NR 670.010(3), NR 670.051 and NR 670.403, Wis. Adm. Code. This final determination establishes conditions requiring the licensee to provide additional technical information to be incorporated into the FPOR during the license term, rather than requesting additional information prolonging the relicensing process or unilaterally prescribing conditional requirements. When issued, this final determination (approval) and its conditions, along with the approved application (the FPOR and Part A information) shall be effective beginning on the date of this approval through a fixed term of four (4) years

[1] See s. NR 670.001(2), Wis Adm. Code, s. NR 670.001(3), Wis. Adm. Code, s. NR 670.010(2), Wis. Adm. Code, and s. NR 664.0001(2), Wis. Adm. Code

Feasibility and Plan of Operation Report Summary

This section is based primarily on the information provided in the FPOR for Tradebe Treatment and Recycling of Wisconsin, LLC dated September 2024, with additional information submitted on March 13, 2025, along with other file information available to the department. In some cases, it also refers to conditions contained in this determination.

Facility Background

Facility Overview

Tradebe Treatment and Recycling of Wisconsin, LLC currently operates a licensed hazardous waste storage and treatment facility in Milwaukee, Wisconsin. Container storage of hazardous waste is approved in various quantities within five (5) storage buildings. Hazardous waste treatment in the form of fuels blending is also licensed at this location. Other waste management activities at this location include lab packing, bulking, elementary neutralization and non-hazardous waste handling.

The primary function of the facility is the bulking and transfer of hazardous and nonhazardous waste for fuel blending onsite and other waste management methods. The types of waste accepted at the facility are primarily organic materials that are suitable for either recycling or fuel blending. Tradebe also manages universal waste, used oil and non-hazardous waste at the facility.

Facility History

The facility began operations as EOG Disposal on September 1, 1990. A hazardous waste facility interim license was issued to EOG Disposal on March 15, 1994. The initial hazardous waste facility operating license was issued to EOG Disposal on December 16, 1996. On May 6, 2003, the department approved a class 1 license modification recognizing an ownership and name change from EOG Disposal to Badger Disposal of Wisconsin, Inc. (Badger). On March 28, 2017, the department approved a plan modification request due to a change in ownership and name of licensee from Badger to Tradebe Treatment and Recycling of Wisconsin, LLC, a Delaware limited liability company (Tradebe).

Facility Location

Tradebe leases the facility's property at 5611 West Hemlock Street from Badger Investment Realty LLC. Certified survey map 8176 in Appendix Q-2 of the FPOR shows Lot 1, which is currently leased by Tradebe and represents the facility boundaries. Lot 1 is bordered by Hemlock Street to the north, Lot 11 to west, and Parcel 1 to the northeast. The eastern portion of Lot 1 is bordered by a 50' Union Pacific Railway Company easement. The eastern portion of Lot 1 shown on map 8176 is an unpaved area with vegetation. While this area is outside the fence line, it is part of the facility as defined in s. NR 660.10(43), Wis. Adm. Code, and Tradebe maintains access to this area by means of a gate. Borders of the facility, identified as parcel ID#1040701000 in the Wisconsin Statewide Parcel Map system, are shown in Figure 1. below:

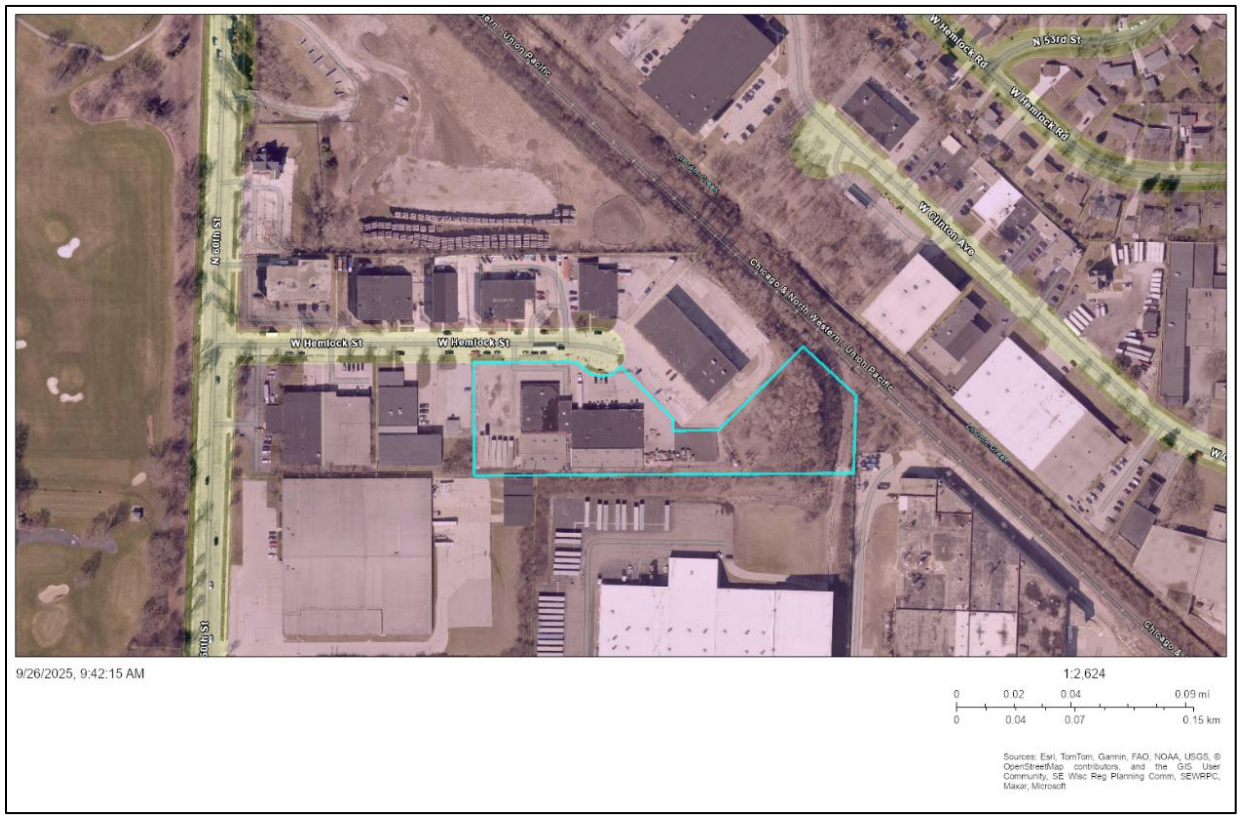


Figure 1. Facility Location for Parcel ID#1040701000 as shown in the [Wisconsin Statewide Parcel Map]

Licensed Units

Licensed Storage

Various approvals occurred during the previous license term which reallocated licensed storage to the five (5) current container storage areas and these concepts are incorporated into this renewal. The maximum hazardous waste storage is discussed for each container storage area and quantified in terms of total gallons, and the equivalent number of 55-gallon capacity containers (55-gallon equivalents).

Area 1 – North Drum Storage Warehouse

The final determination dated June 29, 2007, allowed the facility to store up to 39,600 gallons of hazardous waste, or an equivalent of 720, 55-gal containers, in the North Drum Storage Warehouse (Area 1). Area 1 is an approximately 9,175 sq. ft storage area that provides primary storage and repackaging for flammable solid, flammable liquid, toxic, spontaneously combustible, reactive and non-hazardous lab packs and waste containers.

Table 2. Summary Licensed Hazardous Waste Storage Units – Area 1

Area	Description	Maximum Hazardous Waste (55-gallon equivalents)	Maximum Hazardous Waste (gallons)
1	North Drum Storage Warehouse	720	39,600

Area 2 – 2007 Warehouse Addition

On December 20, 2007, the department issued a construction and license modification approval, which allowed the facility to store up to 27,060 gallons of hazardous waste, or the equivalent of 492, 55-gal containers, in the 2007 Warehouse Addition (Area 2). No increase in facility-wide licensed storage was approved. Area 2 provides primary storage for corrosives (acids and bases), toxic and miscellaneous non-reactive, non-flammable wastes and lab packs. The construction of Area 2 began on April 8, 2007, and was completed on November 12, 2007. Area 2 is separated into two distinct containments: Section A and Section B. Bases, toxics, and non-reactive, non-flammable wastes are stored in Section A. Acids, toxics, and non-reactive, non-flammable wastes are stored in Section B. Acids and bases are bulked from 55-gallon drums into totes or other bulk containers at Dock #3 to be shipped offsite for neutralization and chemical treatment.

Table 3. Summary Licensed Hazardous Waste Storage Units – Area 2

Area	Description	Maximum Hazardous Waste (55-gallon equivalents)	Maximum Hazardous Waste (gallons)
2	2007 Warehouse Addition	492	27,060

Area 3 – 2014 Enclosure Building

On November 20, 2014, the department approved a class 2 license modification for use of the newly constructed Enclosure Building (Area 3). A portion of the previously approved but never-built bulk solids storage area licensed capacity (6, 20 cubic yd. boxes = 120 cubic yard boxes, or 440, 55-gal equivalents) was reallocated to Area 3 (216, 55-gal equivalents). No increase in facility-wide licensed storage was approved. Area 3 was built to connect Area 1 (North Drum Storage Warehouse) to Area 4 (2009 Lab Pack Building) to allow for drum movement between both buildings. Area 3 is used for bulk material loading/ unloading, including Fuel Blending, at Dock #5 and to store hazardous waste containers for outgoing shipment when no tanker is present.

Table 4. Summary Licensed Hazardous Waste Storage Units – Area 3

Area	Description	Maximum Hazardous Waste (55-gallon equivalents)	Maximum Hazardous Waste (gallons)
3	2014 Enclosure Building	216	11,880

Area 4 – 2009 Lab Pack Building
On June 16, 2010, the department approved the class 2 license modification request allowing the facility to store up to 18,975 gallons or the equivalent of 345, 55-gal containers in the 2009 Lab Pack Building (Area 4). The department's June 29, 2007 final determination allowed the facility to construct a lab pack building having a maximum storage of 145, 55-gallon drums. In its class 2 license modification request, the facility proposed using the previously approved but never built 11,000 gallons of above ground tank storage (200, 55-gallon equivalents) as additional container storage, resulting in a total container storage of 18,975 gallons or 345, 55-gal containers in the Lab Pack Building. No increase in facility-wide licensed storage was approved. Area 4 is an approximately 6,763 sq. ft. storage area that provides primary storage and repacking for toxic, corrosive, and oxidizer lab packs and waste containers. Area 4 is separated into three areas (Section A, Section B, and Section C) though notches in the berms connect these areas for the purposes of secondary containment. Section C is a separate room designated for highly toxic lab packs and waste containers. The Area 4 Building located at 5621 West Hemlock Street was purchased on October 22, 2008, and a survey combining both properties as one facility was completed on May 22, 2009.

Table 5. Summary Licensed Hazardous Waste Storage Units – Area 4

Area	Description	Maximum Hazardous Waste (55-gallon equivalents)	Maximum Hazardous Waste (gallons)
4	2009 Lab Pack Building	345	18,975

Area 5 – 2017 West Warehouse
On April 12, 2017, the department approved a class 2 license modification request for use of the West Drum Storage Warehouse (Area 5). A portion of the previously approved but never-built licensed storage from the proposed tank farm (one 2,000-gal tank and four 12,000 gal tanks equating to 50,000 gallons) was reallocated to container storage (45,995 gal, or 836, 55-gal equivalents). No increase in facility-wide licensed storage was approved. Area 5 is an approximately 4,565 sq. ft. storage area that provides primary storage and repacking for lab packs and waste containers. Area 5 was formerly office area which was retrofitted into warehouse storage. The retrofit began on August 2, 2016, and was approved by the department on April 12, 2017.

Table 6. Summary Licensed Hazardous Waste Storage Units – Area 5

Area	Description	Maximum Hazardous Waste (55-gallon equivalents)	Maximum Hazardous Waste (gallons)
5	2017 West Warehouse	836	45,995

Licensed Treatment
Fuel blending has been approved at the facility since August 23, 1996. Fuel blending activities are not routinely performed but are maintained as licensed treatment for operational flexibility. Fuel blending is approved as hazardous waste treatment for up to 6,000 gallons per day (gpd) in Area 1 (North Drum Storage Warehouse) or Area 3 (Enclosure Building). Fuel blending treatment involves the combination of hazardous waste and other

materials to create a blend that meets a fuel specification amendable to burning for energy recovery. Fuel blending may be performed in a 6,000-gallon vacuum truck parked within the containment area of the North Drum Storage Warehouse (Area 1) or Enclosure Building (Area 3). The fuel blending operations consist of vacuuming the contents of smaller containers into a tanker truck. The material stored in the tanker truck counts towards the total licensed storage for the given CSA.

Loading of the vacuum tanker is accomplished by transporting containers indoors from a given container storage area to the fuel blending area. Upon arrival, Tradebe personnel conduct an inspection of the vacuum tanker and loading area to review the condition of the vacuum tanker, grounding cables, vacuum pump, hoses and containment area. A grounding cable is attached from the vacuum tanker and to each container that is being loaded onto the vacuum tanker to prevent static discharge. The container is opened and a vacuum hose, equipped with a wand, is used to vacuum out the contents of each container. The container is immediately closed when vacuuming is complete.

All openings on the vacuum tanker must be kept closed during the vacuum process to maintain the proper vacuum flow condition into the vacuum tanker. A liquid level control on the vacuum tanker indicates when the vacuum tanker is full. Upon completion, all hoses are capped and properly stored on the vacuum tanker and all hatches and valves are checked to make sure they are sealed for transport. Manifest forms are signed, and the material is typically transported to an approved cement kiln that uses the waste material as a secondary fuel.

Secondary Containment

Per s. NR 664.0175(2)(c), Wis Adm. Code, the containment system shall have sufficient capacity to contain 10% of the volume of containers or the volume of the largest container, whichever is greater. The term "container" in this context refers to any waste or non-waste container or vessel holding a free liquid whose displacement volume, calculated as the capacity of each container, will adversely affect the secondary containment capacity.

On March 19, 2020, the facility submitted a class 1-1 license modification request with revised secondary containment values for all container storage areas. This modification incorporated physical changes to the secondary containment in Area 4 to connect Sections A and B via berm notches. This modification was subsequently approved by the department on April 15, 2020.

The column in **Error! Reference source not found.** titled "Secondary Containment Provided" summarizes the net volume of secondary containment provided in Appendix D-4 of the FPOR. The September 2024 FPOR showed slight variations in calculations from the April 2020 modification for Area 4 that were determined to be minor technical corrections. To evaluate the secondary containment capacity in Area 2, the maximum container storage was assumed for both Section A and Section B as a conservative evaluation.

The FPOR discusses the use of large bulk containers as summarized in the Waste Processing Activities and Locations section. The FPOR identifies the largest container as a 6,000-gal tanker used for fuel blending (Areas 1 and 3) or a 3,000-gal "small compartment truck" for bulking (Area 2).

Table 7. Evaluation of Secondary Containment Capacity

Unit ID	Unit Description	Total Haz and Non-Haz	10% of all Containers	Largest Container	Secondary Containment Required (Max of 10% or largest)	Secondary Containment Provided
		55-gal equivalents	Gallons	Gallons	Gallons	Gallons
Area 1	North Drum Storage Warehouse	1,720	9,460	6,000	9,460	15,165

Area 2, Section A	2007 Warehouse Addition	544	2,992	---	2,992	4,981
Area 2, Section B	2007 Warehouse Addition	448	2,464	3,000	3,000	4,835
Area 3	2014 Enclosure Building	216	1,188	6,000	6,000	16,034
Area 4	2009 Lab Pack Building	345	1,898	---	1,898	12,067
Area 5	2017 West Warehouse	836	4,598	---	4,598	32,225

Area 2, Section B Containment

The FPOR notes that containers of acids and bases are bulked from 55-gallon drums into totes or a 3,000-gal small compartment truck and shipped offsite for neutralization and chemical treatment. A conditional requirement restricting the largest container within Area 2, Section B to the 3,000-gal small compartment truck has been added to clarify this operational constraint.

Waste Processing Activities and Locations

Lab Packing

Lab packing and re-packing occurs in Area 1, Area 2, Area 4, and Area 5. The hazard class of the material in each storage/repack area is communicated by hazardous materials placards.

Bulking

Bulking/consolidation activities are conducted in Area 1, Area 2, or Area 3. Containers are bulked into larger containers such as 55-gal drums, totes, or vacuum truck/tanker. Specific bulking/consolidation activities by CSA are as follows:

- Area 1 – Containers suitable for fuel blending are bulked into a tanker inside Dock #2 (License # 4395 for Treatment of Hazardous Waste in Containers).
- Area 2 – Containers of acids and bases (DOT Hazard class 8) are bulked from 55-gallon drums into totes or tanker and shipped offsite for neutralization and chemical treatment. When loading a tanker, the vacuum truck is backed over the berm and loaded inside Dock #3 in Area 2, Section B.
- Area 3 – Containers suitable for fuel blending are bulked into a tanker inside Dock #5 (License # 4395 for Treatment of Hazardous Waste in Containers).
-

Elementary Neutralization Unit

An elementary neutralization unit (ENU) is defined within s. NR 660.10(29), Wis. Adm. Code. An ENU is considered a license-exempt treatment unit provided that both criteria of the definition are met, including:

1. Used for neutralizing waste that is hazardous only because it exhibits the corrosivity characteristic (i.e., D002); and
2. Meets the definition of tank, tank system, container, transport vehicle, or vessel.

An ENU has existed at the facility since 2016. The ENU is a batch processing acid/base neutralization system located in Area 2, Section B. While the equipment has not been operational since installation in 2016, the facility has indicated they will retain the equipment for operational flexibility. The location of the equipment is not adequately depicted on Waste Storage Plan Drawings in Appendix R-5. Therefore, conditional requirements have been added to the Approval to update Appendix R-5 accordingly.

Empty Container Management

Empty containers are generated onsite from fuel blending, bulking, and neutralization activities. The empty containers are typically sent offsite for drum reconditioning. The facility may crush empty metal drums onsite for offsite transfer and scrap metal recycling. The drum crusher is located adjacent to the Fuel Blending location in Area 1; however, this equipment is not adequately depicted on Waste Storage Plan Drawings in Appendix R-5. Therefore, conditional requirements have been added to the Approval to update Appendix R-

5 accordingly. Additionally, conditional requirements have been added to the Approval to augment inspections for leakage or spills when drum crushing is occurring.

Other Regulated Waste Activities

The facility submitted information concerning other regulated waste activities in the following USEPA Forms[2]:

- Notification of RCRA Subtitle C Activities Site Identification Form (8700-12) and
- Part A Permit Application Form (8700-23).

These other regulated waste activities are summarized below for reference:

Universal Waste

The facility has notified the department that it is a large quantity handler of universal waste accumulating more than 5,000 kg. The Site Identification Form 8700-12 indicated that the facility manages batteries, pesticides, mercury-containing equipment, lamps, and aerosol cans[3].

Generator of Hazardous Waste

The facility is identified as a large quantity generator of hazardous waste as specified in Form 8700-12. According to the FPOR, waste generated at the facility includes empty containers, laboratory wastes, absorbents, contaminated PPE, as well as spills and associated cleanup materials.

Hazardous Waste Transporter

The facility previously held a hazardous waste transporter license (#12685) but has not renewed this license since September 2018. Activities associated with this license are no longer authorized at the facility.

Solid Waste Transporter

The facility previously held a solid waste transporter license (#14579) but has not renewed this licensee since October 2018. Activities associated with this license are no longer authorized at the facility.

10-Day Transfer Facility

The Licensee indicated on the Notification of RCRA Subtitle C Activities (Site Identification Form 8700-12) that the facility is operating as a 10-Day Transfer Facility as referenced in s. NR 663.12, Wis Adm. Code. In an email from Tita LaGrimas of Tradebe on October 9, 2025, Tradebe stated there are no current plans to include 10-day transfer operations at the facility. Conditional requirements have been added to this Approval to update the USEPA Forms accordingly.

Hazardous Secondary Materials (HSM)

The department identified multiple inconsistencies related to the HSM notification included in the FPOR:

- The facility indicated within Attachment A of the FPOR on the Notification of RCRA Subtitle C Activities Site Identification Form (8700-12) that hazardous secondary materials are managed onsite. Attachment A is inconsistent with the 2024 Annual Hazardous Waste Reporting, which noted that HSM is not managed onsite.
- The Addendum to the Site Identification Form estimated 1,000 short tons of excluded HSM managed annually beginning on May 1, 2017. The date provided by Tradebe is inconsistent with the effective date

[2] Please refer to the following links to U.S. EPA resources: RCRA Subtitle C Reporting Instructions and Forms (8700-12, 8700-13 A/B, 8700-23) and Excerpt of the RCRA Forms and Instructions for the Part A Permit Application Only

[3] Rule was published and effective on July 1, 2025, to allow used aerosol cans to be managed as a universal waste in Wisconsin.

of the definition of solid waste (DSW) rulemaking, published and effective September 1, 2020, which excluded certain hazardous secondary materials from regulation under RCRA in Wisconsin.

- Information detailing how Tradebe satisfies the conditions of the exclusion established in s. NR 661.0004(1)(x)6., Wis. Adm. Code is not provided within the FPOR.

Due to the inconsistencies noted above, Tradebe may not manage excluded HSM onsite until a license modification request is reviewed and approved by the department as established by the conditional requirements herein.

Used Oil

The Licensee indicated on the Notification of RCRA Subtitle C Activities Site Identification Form (8700-12) that the facility is operating as a used oil processor and fuel marketer who directs shipment of off-specification used oil to off-specification used oil burners. The Licensee is required to maintain a Spill Prevention Control and Countermeasures (SPCC) Plan due to an above-ground oil storage capacity greater than 1,320 gallons.

Waste Analysis Plan (WAP)

Licensed facilities are required by s. NR 670.014(2)(b), Wis. Adm. Code to have a Waste Analysis Plan (WAP) that describes how the requirements of s. NR 664.0013, Wis. Adm. Code are met. The department developed a "WAP Template" to help licensed TSDFs develop a high quality WAP that uses unambiguous language and establishes a clear set of procedures, standardization of expectations, and clarity in implementation to minimize environmental risk. The most recent version is WAP Template Version 3 dated September 30, 2025[4].

The facility utilized the department's WAP Example Version 1 (dated February 10, 2022) in development of the WAP included in Attachment C of the FPOR. The facility proposed significant modifications to the WAP Example in track changes, but without rationale provided for those changes. With this approval, the department is approving the WAP included in Attachment C of the FPOR with conditional requirements to clarify or address technical inadequacies.

Hazardous Waste Management Unit and Facility Closure

The closure plan was provided in Attachment I of the FPOR. Per Attachment I, the facility expects to operate indefinitely. The FPOR includes a detailed closure plan and cost estimate for completing closure of the facility. The current closure plan includes the cost estimates to remove a historical maximum hazardous waste inventory stored at the facility. The maximum hazardous waste inventory included in the Closure Plan in Appendix I of the September 17, 2024, FPOR was 2,389 55-gallon equivalent drums (131,195 gallons) in total for the five (5) CSAs based on historical data. This inventory contrasts with the licensed hazardous waste maximum storage of 2,609 55-gallon equivalent drums (143,510 gallons) for the five CSAs. Section NR 664.0112(2)(c), Wis. Adm. Code requires the closure plan to include an estimate of the maximum inventory of hazardous waste throughout the active life of the facility. While the historical maximum evaluated by facility presents the past maximum conditions, the current closure plan does not consider future waste inventories anticipated over the active life that are authorized up to the maximum licensed hazardous waste storage. Additionally, the closure cost estimate did not substantiate the treatment and disposal costs for various waste types and quantities. Therefore, conditional requirements have been added to the Approval for temporary reduction in licensed storage until an updated closure plan and cost estimate accounting for the maximum licensed hazardous waste storage is reviewed and approved by the department.

The cost estimate provided to close and decontaminate the hazardous waste facility in Attachment I of the September 17, 2024, FPOR is $1,359,512 (in 2009 dollars). Inflationary adjustments were applied for the 15-year period to current, to establish the estimate in current year dollars at the time of application submittal. The adjusted

[4] Copy of Wisconsin WAP Template Version 3 (09-30-2025) was provided to the facility via email on October 3, 2025.

cost estimate equals $1,797,800 (in 2024 dollars). The basis of the estimate shown in the FPOR is from USEPA's CostPro 6 in 2009 dollars. Since 2009, the CostPro 6 software has been discontinued and replaced. More recent data sources for cost estimation have become available and may be used to present current year costs. Moreover, the department requires review and certification for closure cost estimates by a qualified Wisconsin registered professional engineer as technical data described per s. NR 670.014(1), Wis. Adm. Code. Therefore, conditional requirements have been added to the Approval for an updated and certified cost estimate, including updates to the associated financial assurance as needed.

Corrective Action[5]

Per s. 291.37(1)(c), Wis. Stats., a solid waste management unit, or SWMU, means any unit designed or used for the storage, treatment or disposal of solid waste or hazardous waste or both, which is located in a hazardous waste facility required to have a license under s. 291.25, Wis. Stats.. The September 17, 2024, FPOR has identified the following SWMUs at the facility:

- Area 1 and Indoor Tanker Loading (Dock #2)
- Area 2 and Indoor Tanker Loading (Dock #3)
- Area 3 and Indoor Loading (Dock #5)
- Area 4
- Area 5
- Outdoor Loading (Dock #1)
- Outdoor Loading (Dock #4); Dock #4 was used for hazardous waste shipments until Dock #5 and the Enclosure Building was constructed per the conditional Approval of the class 2 modification approved on June 16, 2010.

The department requires the owner or operator of the facility to take corrective action for any releases from SWMUs independent of when the release(s) occurred. USEPA and the department entered into a memorandum of agreement (One Cleanup Program Memorandum of Agreement or MOA) in 2006 which recognizes the use of the department's Remediation and Redevelopment (R&R) Program under Chs. NR 700-799, Wis. Adm. Code in implementing RCRA hazardous waste cleanup activities and the use of a hazardous waste license as the controlling document. A visual summary of the process and timeline under Chs. NR 700-799, Wis. Adm. Code can be found in PUB-RR-967.

Per s. NR 670.014(4)(b), Wis. Adm. Code, the facility reported a release of hazardous waste and/or constituents on June 28, 2017, that was identified during a hazardous waste inspection conducted by the department. On July 12, 2017, the facility updated the report which quantified the spill to be approximately two gallons of non-hazardous and hazardous waste. The reported cause of the release was precipitation causing residual hazardous and nonhazardous waste material to seep from a roll off box containing RCRA empty drums. The hazardous and non-hazardous waste mixed with precipitation, was released from the roll off box, and flowed off the asphalt drive onto nearby soils. The facility excavated the impacted soils and samples were analyzed by a third-party laboratory. The results indicated the soil was non-hazardous waste and the soil was sent off site for disposal. The case was closed on August 31, 2017. Activities related to this spill are documented under BRRTS ID # 04-41-580102.

On July 31, 2017, the facility requested a liability clarification letter, under s. 292.55, Wis. Stats., from the department. The data provided and reviewed with this request indicated that one or more hazardous substance discharges have occurred on the property. However, based on the criteria in s. NR 716.05(2)(a), Wis. Adm. Code,

[5] It is noted that October 18, 2024, a memo from U.S. EPA was released announcing EPA's rebranding of the national RCRA Corrective Action Program to the Hazardous Waste Cleanup Program. The department has incorporated this recommended nomenclature herein as appropriate.

and the criteria in ss. NR 708.09 (1) and (2), Wis. Adm. Code, the department determined on August 14, 2017, that no response action, including further site investigation activities, was required under the Chs. NR 700-799, Wis. Adm. Code, rule series to respond to these identified discharges. However, if soil is excavated in the future, the property owner at the time of excavation must determine whether the material is considered a solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Activities related to this liability clarification are documented under BRRTS ID # 09-41-579085.

According to the FPOR and department records, the facility currently has no known cases of ongoing corrective action obligations.

Financial Assurance

Subchapter H of ch. NR 664, Wis. Adm. Code, requires licenses issued to owners and operators of hazardous waste TSDFs to provide assurances of financial responsibility for liability, closure, and (if applicable) long-term care. NR 664, Subchapter F requires assurances of financial responsibility for corrective action (RCRA Hazardous Waste Cleanup Program). NR 661 Subchapter H requires assurances of financial responsibility for management of excluded Hazardous Secondary Materials (HSM). Cost estimates that support adequate financial assurance must be adjusted annually either using current year costs or inflation factors. Inflation factors are published annually at https://dnr.wisconsin.gov/topic/Waste/Financial.html.

The facility shall maintain the following financial assurances consistent with NR 664, Subchapter H:

Liability
The facility must maintain pollution liability insurance policy for sudden environmental releases of at least $1,000,000 per occurrence and $2,000,000 annual aggregate.

Closure
The cost estimate included in Attachment I of the September 17, 2024, FPOR for the final closure of the facility's hazardous waste storage and treatment area is estimated to equal $1,797,800 (in 2024 dollars). This closure cost estimate, and all subsequent updates, must be adjusted annually. The facility is required to maintain on file with the department adequate proof of financial responsibility to cover the cost of closure. Conditional requirements have been added to the Approval for an updated and certified cost estimate and subsequent update to the associated financial assurance.

Long-term Care
Not currently applicable.

Corrective Action
The facility is not currently required to maintain corrective action financial assurances consistent with subch. F of ch. NR 664, Wis. Adm. Code:

Hazardous Secondary Materials Disposal
The facility is not currently required to maintain HSM disposal financial assurances consistent with subch. H of ch. NR 661, Wis. Adm. Code.

RCRA Air Emission Standards

NR 664 Subchapter AA, Wis. Adm. Code, Standards
Subchapter AA standards apply to air emissions from process vents associated with distillation, fractionation, thin-film evaporation, solvent extraction or air or steam stripping operations that manage hazardous wastes with organic concentrations of at least 10 parts per million weight (ppmw).

The facility does not have any equipment subject to subchapter AA standards.

NR 664 Subchapter BB, Wis. Adm. Code, Standards
Subchapter BB standards apply to air emissions from equipment that contains or contacts hazardous waste with organic concentrations greater than or equal to 10% by weight. There are specific monitoring and reporting requirements based on the type of equipment. However, equipment that is documented to contact hazardous waste for less than 300 hours per calendar year and equipment that is kept with the transportation vehicle used for fuels blending, is excluded from the inspection and monitoring requirements of these standards.

The facility does not propose maintaining any equipment subject to subchapter BB standards. However, Attachment D of the FPOR references "if Tradebe acquires such equipment for use at this facility, the requirement of NR 670.025 will be met". Section NR 670.025, Wis. Adm. Code contains specific feasibility and plan of operation report information requirements for equipment subject to Subchapter BB standards. Such revisions to the FPOR would require submittal of a license modification request to the department in accordance with s. NR 670.042(4), Wis. Adm. Code. Therefore, conditional requirements have been added to the Approval accordingly.

NR 664 Subchapter CC, Wis. Adm. Code, Standards
Subchapter CC standards apply to air emissions from tanks, surface impoundments and containers that manage hazardous waste containing an average organic concentration of greater than or equal to 500 ppmw at the point of generation. Containers less than or equal 121 gallons must meet Level 1 controls, and containers greater than 121 gallons must meet Level 2 controls. These containers typically meet the applicable U.S. department of transportation (DOT) regulations on packaging hazardous materials for transportation (Level 1 and 2 Standard). Stabilization of waste in containers requires Level 3 controls.

The facility is subject to subch. CC of ch. NR 664, Wis. Adm. Code standards for containers. The requirements of this subchapter are met by implementing the applicable Level 1 and 2 controls. Attachment D of the FPOR specifies for containers subject to Container Level 2 standards that Tradebe will meet applicable US DOT hazardous material packaging regulations, as allowed by s. NR 664.1086(4)(a)1., Wis. Adm. Code as the primary method of complying with Container Level 2 standards.

In accordance with s. NR 670.027(1)(b), Wis. Adm. Code, Subpart CC certification is provided as Appendix D-10.

Other Background Information

Recent Compliance History
USEPA maintains an online database referred to as Enforcement and Compliance History Online (ECHO). ECHO data focuses on compliance and enforcement related information for USEPA regulated facilities, including permit/license data, inspection/compliance evaluation dates and findings, violations of environmental regulations, enforcement actions, and penalties assessed. Access to the USEPA ECHO site for the Facility can be viewed at the following link: USEPA Enforcement and Compliance History Online - TRADEBE TREATMENT AND RECYCLING OF WI LLC.

Inspections may include a compliance evaluation inspections (CEI), focused compliance inspections (FCI), or EPA-lead inspections. An inspection is conducted, at a minimum annually. Below is a summary of inspections conducted on March 29, 2023, March 26, 2024, February 25, 2025, and January 27, 2026. Pursuant to s. NR

670.051(3), Wis. Adm. Code, when the Facility is not in compliance with the conditions of the expiring or expired operating license, the department may issue a new operating license with appropriate conditions to address these areas of noncompliance.

On March 29, 2023, the department conducted an inspection of the facility. The inspection indicated that, at the time of the inspection, the facility was not in compliance with the hazardous waste treatment storage & disposal requirements of chs. NR 600-699, Wis. Adm. Code and/or the conditions of the June 29, 2007, operating licenses #6026 (Storage of Hazardous Waste in Containers) and #4395 (Treatment of Hazardous Waste in Containers) or plan approval and all subsequent modifications. On October 24, 2023, the department issued a notice of noncompliance letter to the facility identifying the following alleged areas of noncompliance:

1. Section NR 664.0013(1)(a), Wis. Adm. Code, requires the facility obtain a detailed chemical and physical analysis of a representative sample of the wastes. This analysis must contain all the information which must be known to treat, store, or dispose of the waste according to ch. 664 and ch. NR 668, Wis. Adm. Code.
2. Section NR 664.0016(3), Wis. Adm. Code, requires facility personnel take part in an annual review of the initial training required under s. NR 664.0016(1), Wis. Adm. Code.
3. Section NR 664.0035, Wis. Adm. Code, requires the facility to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency. Failure to comply with the facility's license requirements as required by s. NR 670.030(1), Wis. Adm. Code. Condition 26 of the June 29, 2007, approval document states: "A minimum aisle space of 3 feet between all of the rows of containers shall be maintained at all times. Lines shall be clearly marked on the floor to delineate the rows of containers from the aisles."
4. Section NR 668.07(2)(c)2., Wis. Adm. Code, requires the facility to have the USEPA hazardous waste numbers on the one-time notice when the facility sends the waste to the land disposal facility.
5. Section NR 664.0075, Wis. Adm. Code, requires the facility to prepare and submit a single copy of an annual report to the department by March 1 of each year. The annual report must be submitted on department forms and cover facility activities during the previous calendar year.
6. Section NR 664.0171, Wis. Adm. Code, requires that when a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the facility must then transfer the hazardous waste from this container to a container that is in good condition or manage the hazardous waste in some other way that complies with the requirements of ch. NR 664, Wis. Adm. Code.
7. Section NR 664.0173(1), Wis. Adm. Code, requires the facility to have a container holding hazardous waste to always be closed during storage, except when it is necessary to add or remove waste. Pers. NR 664.1086(3)(c)5., Wis. Adm. Code, the opening of a safety device, as defined in s. NR 664.1081, Wis. Adm. Code, is allowed at any time conditions require doing so to avoid an unsafe condition.
8. Section NR 664.0177(3), Wis. Adm. Code, prohibits the facility from placing a container of hazardous waste that is incompatible with any waste or other materials accumulated or stored nearby in other containers, piles, open tanks, or surface impoundments unless separated from the other materials or protected from them by means of a dike, berm, wall, or other device.
9. Section NR 668.50(1)(b)l.a., Wis. Adm. Code, requires the facility to mark the container with the words "Hazardous Waste".
10. Section NR 662.020(1)(a), Wis. Adm. Code, (via s. NR 664.0071(3), Wis. Adm. Code) requires the facility that the paper manifest must be prepared using USEPA form 8700-22, and, if necessary, USEPA form 8700-22A.
11. Section NR 662.020(1)(a), Wis. Adm. Code, (via s. NR 664.0071(3), Wis. Adm. Code) requires the facility to prepare a uniform hazardous waste manifest (manifest) using USEPA Form 8700-22 (0MB Control number 2050- 0039). In preparing the manifest, the facility must identify with an 'X' in box 9a if the material listed in box 9b is a hazardous material when boxes 9b consist of hazardous and nonhazardous materials. The letters 'RO' may be used instead 'X' if a reportable quantity needs to be identified (49 CFR 172.201(a)(l)(iii)).

12. Section NR 662.020(1)(a), Wis. Adm. Code, (via s. NR 664.0071(3), Wis. Adm. Code) requires the facility to prepare a uniform hazardous waste manifest (manifest) using USEPA Form 8700-22 (0MB Control number 2050- 0039). In preparing the manifest, the facility must enter in box 13 the USEPA hazardous waste codes that describe each hazardous waste stream identified in box 9b.
13. Failure to comply with the facility's license requirements as required by s. NR 670.030(1), Wis. Adm. Code. Condition 27 of the June 29, 2010, approval document which states: "Containers shall be placed in the storage areas so that labels are visible from the aisle."
14. Failure to comply with the facility's license requirements as required by s. NR 670.030(1), Wis. Adm. Code. Condition 36 of the June 29, 2010, approval document which states: "Containers of hazardous waste solids and lab packs may be stacked two high. Containers of hazardous waste liquids shall be stored on a single level."
15. Failure to comply with the facility's license requirements as required by s. NR 670.030(1), Wis. Adm. Code. Condition 37 of the June 29, 2010, approval document which states: "Containers of nonhazardous waste and containers of hazardous waste may not be stored on the same spill containment pallet."

A demonstration of compliance was made for a majority of alleged violations identified and listed above. The remaining alleged violations were referred to USEPA and administratively closed.

On March 26 and 27, 2024, the USEPA and the department conducted an inspection of the facility to evaluate compliance with its hazardous waste operating license (Final Determination to Approve a Feasibility and Plan of Operation Report effective June 29, 2007) and certain additional provisions of RCRA and its authorized implementing regulations related to the generation, treatment, and storage of hazardous waste. The inspection report was issued to the facility on May 23, 2025, identifying the following issues:

1. Use and Management of Containers - Licensee failed to keep containers closed when waste was not being added or removed and therefore failed to comply with the LQG conditions for a license exemption.
2. Waste Analysis Plan and Waste Profiles – Violation of License Conditions and s. NR 664.0013(1), Wis. Adm. Code, Failure to maintain complete and accurate chemical and physical analysis waste profiles that contain all the information which must be known to treat, store, or dispose of waste properly.
3. Air Emissions for Containers – Violation of License Conditions and s. NR 664.0073(2)(e), Wis. Adm. Code.
4. Incompatible Wastes – Violation of License Condition and s. NR 664.0017, Wis. Adm. Code.
5. Universal Waste – Violations of ss. NR 673.33(4)(a), NR 673.34(1), and NR 673.34(5), Wis. Adm. Code.
6. Failure to include USEPA hazardous waste numbers on Land Disposal Restriction (LDR) Notices– Violation of ss. NR 668.07(1)(b) and NR 668.07(2)(e), Wis. Adm. Code.
7. Determine if solid waste is characteristic – Violation of s. NR 662.011(3), Wis. Adm. Code.

On October 20, 2025, USEPA and the Licensee entered into an Expedited Settlement Agreement and Final Order to settle the civil violations for a penalty of ten thousand dollars ($10,000).

On February 25, 2025, the department conducted an inspection at the facility. The inspection indicated that, at the time of the inspection, the facility was not in compliance with the hazardous waste treatment storage & disposal requirements of Chs. NR 600-699, Wis. Adm. Code and/or the conditions of the June 29, 2007, operating licenses #6026 (Storage of Hazardous Waste in Containers) and #4395 (Treatment of Hazardous Waste in Containers) or plan approval and all subsequent modifications. After additional documentation and correspondence from the facility was received by the department, a Return to Compliance Letter was issued on September 4, 2025.

On January 27, 2026, the department conducted an inspection at the facility. The department issued a records request on January 28, 2026. Tradebe provided records related to the January 28, 2026, record request on February 11 and 12, 2026. However, the records provided included a large volume of unrelated information and were not responsive to all parameters of the request.. The department sent follow up correspondence on March 26,

2026, to list identified issues and further clarify the request. Tradebe responded with additional files on April 3, 2026. The inspection, and subsequent records review, indicated that, at the time of the inspection, the facility was not in compliance with the hazardous waste treatment, storage, and disposal requirements of Chs. NR 600-699, Wis. Adm. Code, and/or the conditions of the June 29, 2007, operating licenses #6026 (Storage of Hazardous Waste in Containers) and #4395 (Treatment of Hazardous Waste in Containers) or plan approval and all subsequent modifications. A notice of noncompliance (NON) was issued on May 20, 2026, requesting written documentation of corrective actions taken to address the identified twenty-three alleged areas of noncompliance. Response was requested no later than June 16, 2026. The department received submittals from Tradebe on June 16, 2026, and July 15, 2026. A Return to Compliance Letter was issued on July 16, 2026.

Other Authorizations

The facility currently operates under several other authorizations, licenses, permits, and/or approvals listed below. The authorizations, licenses, permits, and/or approvals listed below are outside the scope of this hazardous waste license. However, a summary has been included herein for general reference to elucidate other regulatory requirements at the facility. Nothing in this license relieves the facility of the legal obligation to pursue, maintain, and comply with other applicable federal, state, and local regulatory requirements.

Stormwater General Permit (No. WI-S067857-5)

On May 31, 2021, the department reissued the Tier 2 Industrial Storm Water General Permit, WPDES General Permit No. S067857-5. The Tier 2 Industrial Storm Water General Permit, WPDES General Permit No. S067857-5 and associated fact sheet are available online. The purpose of the permit is to identify conditions under which industrial storm water can be discharged so that the quality of surface waters, wetlands and groundwater is protected. Tradebe has submitted the required notice of intent for coverage under the Storm Water Industrial Tier 2 Permit and permit coverage has been granted by the department. The facility maintains a site-specific Stormwater Pollution Prevention Plan (SWPPP) as a condition of the General Permit. The goal of the SWPPP is to encourage source-area control through identification of a storm water pollution prevention best management practices, and implementation schedules to help decrease the amount of contaminated storm water runoff from a facility. The drainage base map as required in the SWPPP is included as Appendix R.10 of the FPOR.

Endangered Resources Review and Incidental Take Authorization

An Endangered Resources Review (ER Review) is a screening of a proposed project area for potential impacts on endangered resources like rare plants, animals and natural communities. ER Reviews are completed for any activity the department conducts, funds, or approves. Because some of these projects will have no impact or a very low impact to endangered resources, a broad incidental take permit can be issued to cover these situations, such as continuing operation of an existing facility with no expansion or change in operations. The facility submitted ER Review Verification for Broad Incidental Take Permit/Authorization for No/Low Impact Activities (Form 1700-079) and was approved by the department on August 8, 2024.

City of Milwaukee Use Variance for Hazardous Materials Storage in Industrial-Light District

In March of 2022, the facility submitted a renewal for the Board of Zoning Appeals (BOZA) variance which allowed storage of hazardous materials in an area zoned as light-industrial (IL1) per Chapter 295, Subchapter 8, of the Milwaukee Zoning Code. The original BOZA approval expired on February 20, 2022. A conditional approval of the BOZA variance was granted in November 2022 for a period of ten (10) years, expiring on November 7, 2032. A certificate of occupancy was issued following approval of the variance.

Exemption to store and transfer PCB wastes

The department received a letter on December 13, 2005, from the facility regarding the storage and transfer of polychlorinated biphenyls (PCB) wastes in response to a notice of noncompliance issued by the department on November 15, 2005. On February 9, 2006, the department issued a conditional exemption under s. 289.53, Wis.

Stats. from the commercial PCB storage and treatment facility feasibility report, plan of operation, licensing and financial responsibility requirements. As stated in the conditional exemption, if the facility seeks to expand or modify operations involving the storage and processing of PCBs beyond levels identified in the December 13, 2005, letter, a license under s. 289.53, Wis. Stats. may be required.

This license does not constitute renewal of the February 9, 2006 conditional exemption.

Solid Waste Transfer (License #3386) Facility
The facility operates under a Solid Waste Transfer License (#3386), which was initially approved by the department on February 18, 1991, for the original operator, EOG Environmental, Inc. The original designed storage was 82,500 gallons of drummed waste (1,500, 55-gal equivalents) and various quantities of bulk waste solids. The Solid Waste Transfer License is subject to annual renewal and compliance with the February 18, 1991 Plan Approval and any approved modifications.

The facility indicated in the September 17, 2024, license renewal application its intent to modify and incorporate the solid waste license into this hazardous waste approval and license renewal. However, per the October 17, 2024, teleconference between Tradebe and the department and follow up voicemail from Tradebe on October 22, 2024, the facility rescinded the request and elected to maintain the solid waste license separately. Later, during a teleconference with the facility on November 4, 2025, the facility communicated an intent that differed from previous direction provided by the facility in October 2024. In November 2025, the facility again requested modification and incorporation of the solid waste license into this hazardous waste approval and license renewal.

The department considered the revised request. However, on November 6, 2025, the department informed the facility it cannot accommodate the request at this stage. The department has been reviewing the license renewal application and working towards issuance of a renewed license under the assumption that a separate solid waste license would be maintained by the facility. The department is open to reconsidering this matter in the future following reissuance of the expired license. Should the facility desire to pursue incorporation of solid and hazardous waste requirements under a single license, the facility may request a license modification in accordance with s. NR 670.042, Wis. Adm. Code following issuance of this approval.

This license does not incorporate solid waste management requirements specified in chs. NR 500-599, Wis. Adm. Code. A separate solid waste transfer permit application was submitted to the department on September 4, 2026.

Submittals Conditioned Under this Approval
The department has compiled a reference table below of the reporting requirements established in the conditional requirements of this approval. The reference table is not meant to be an exhaustive summary of conditioned license requirements but rather a quick reference of select reporting timelines to facilitate compliance. The licensee(s) are responsible for keeping track of all necessary deadlines. In some cases, to address specific elements of the application, this final determination establishes conditions requiring the Licensee to provide additional technical information to be incorporated into the FPOR during the established license term.

Please note, failure to meet deadlines established in conditional requirements may subject the facility to the department's stepped enforcement process.

Table 8. Submittals Conditioned Under this Approval

Permit Condition	Description	Type	Recurrence Frequency	Submittal Deadline
A.7.b	Site Identification and Part A Form	Modification	One Time	Within 1 month of this approval
D.2	Processing Activities - Revised R.5	Modification	One Time	Within 1 month of this approval

Permit Condition	Description	Type	Recurrence Frequency	Submittal Deadline
F.2.b	Required Aisle Space	Modification	One Time	Within 1 month of this approval
L.6	Subchapter CC Container Level 2 Transfers for Fuel Blending	Modification	One Time	Within 1 month of this approval
M.1.b	Approved WAP	Modification	One Time	Within 2 months of this approval
P.8	Closure Financial Assurance	Report	One Time	Within 2 months of this approval
J.5	Training Plan Updates	Modification	One Time	Within 6 months of this approval
K.11	Run-on Management for Secondary Containment	Modification	One Time	Within 8 months of this approval
F.3	Emergency Response Arrangements	Report	One Time	Within 12 months of this approval
N.1	Closure Plan	Modification	One Time	Within 12 months of this approval
B.4	License Reapplication	Reapplication	One Time	No later than 24 months prior to license expiration
P.2	Liability Financial Assurance	Report	Annual	January 31
Q.8	Waste Minimization Report	Report	Annual	March 1
P.3	Annual Cost Estimate Adjustment - Closure	Report	Annual	March 31
B.3	Annual FPOR Update	Modification	Annual	July 31
A.22	Other Authorizations	Notification	As needed	N/A
H.1	Notification of Transfer Facility	Modification	As needed	N/A
M.18	Manifest Discrepancy	Report	As needed	N/A
M.19	Post-Receipt Manifest Correction	Report	As needed	N/A
M.20	Exception Report	Report	As needed	N/A
O.2	Newly Identified SWMU/AOC	Modification	As needed	N/A
O.4	New Obligations	Modification	As needed	N/A
P.7	Changes Impacting Cost Estimates	Modification	As needed	N/A
Q.1	Contingency Plan Implementation Reporting	Report	As needed	N/A
Q.2	Emergency Reporting	Report	As needed	N/A
Q.3	Reporting Noncompliance	Report	As needed	N/A
Q.4	Reporting Other Information	Report	As needed	N/A
Q.5	Reporting Planned Changes	Report	As needed	N/A
Q.6	Compliance Schedule Reporting	Report	As needed	N/A

Substantiation of Determinations

Completeness

Pursuant to s. 289.24(3), Wis. Stats. and s. NR 670.010(3), Wis. Adm. Code, the department has preliminarily determined that the application includes the minimum information required in ss. NR 670.014(1) and NR 670.001(2), Wis. Adm. Code, and is sufficiently complete to make additional determinations. Supplemental information is being required in certain conditions of this Approval to augment the FPOR.

Needs Analysis

The department is required by s. 289.28, Wis. Stats., to determine the need for a hazardous waste facility. The department has preliminarily determined that there is a need for the facility in accordance with s. 289.28(3), Wis. Stats.

Water Quality Standards for Wetlands

There are no identified wetlands within the facility boundary. The nearest wetlands are located approximately 1,000 feet north of the property and are headwaters to Lincoln Creek.

The facility submitted the required notice of intent for coverage under the Storm Water Industrial Tier 2 Permit. Based on the department's review, the SWPPP and the conditions of this Approval outline the best management practices and good housekeeping practices which will be used to protect waters of the state, including wetlands. The department has preliminarily determined that the proposed activities meet the applicable requirements of ch. NR 103, Wis. Adm. Code, concerning water quality standards for wetlands, as is required in s. NR 103.08(1), Wis. Adm. Code.

Environmental Impact Review

The department cannot issue a determination on an FPOR without having completed the determination regarding the need for an environmental impact statement established in s. 289.25, Wis. Stats. The department's procedures for this environmental impact review are established in ch. NR 150, Wis. Adm. Code.

Proposed Physical Changes

During this license term, the facility is not proposing physical changes that may impact terrestrial resources nor aquatic resources, new construction of structures, or changes in emissions or discharges. The September 17, 2024, FPOR proposes continuance of current operations.

Existing Environment

Pursuant to s. NR 670.014(2)(x)2.c., Wis. Adm. Code, the need for an environmental impact statement shall include a description of the existing environment that may be affected by the proposed action.

The topography at the facility is relatively flat with approximately 23 feet of elevation change across the facility. Present on the northeastern boundary of the site are Chicago and Northwestern Railroad tracks at an elevated grade. All hazardous waste storage activities are conducted indoors in storage areas with secondary containment, so there is a minimal risk of adverse effects to terrestrial plant and animal species.

The facility is not located within the 100-year floodplain. The facility appears on the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer FIRMette map as in an Area of Minimal Flood Hazard.

Lincoln Creek, a first order stream flowing southeast and tributary to the Milwaukee River, is located approximately 500 feet northeast of the facility. As indicated by the department's Impaired Water Search Tool, Lincoln Creek is an 9.7-mi intermittent stream located in the Milwaukee River South Watershed within Milwaukee County. This river is managed for fishing and swimming and is currently considered impaired. As of 2024, the waterbody was designed as a cool-warm headwater in poor condition. Pollutants contributing to waterbody impairments include Unspecified Metals, Chloride, PAHs, Total Phosphorus, Sediment/Total Suspended Solids, and PCBs. Stormwater runoff associated with industrial activity from the facility is regulated under the Stormwater General Permit (No. WI-S067857-5) and managed in compliance with facility's SWPPP. The SWPPP identifies storm water pollution prevention best management practices, and implementation schedules to help decrease the amount of contaminated storm water runoff from a facility. The facility ensures that the stormwater drainage inlets on site are free of debris. In the event of a spill or release from this site, the Contingency Plan describes how the facility's control systems prevent the spilled material from entering the stormwater system. The on-site storm water drainage systems are shown on drawings provided in Appendices R-9 and R-10.

The FPOR did not identify wetlands within the facility boundary, though wetlands are located approximately 1,000 feet north of the property and are headwaters to Lincoln Creek. The FPOR has not identified any groundwater injection or withdrawal wells within 1,000 feet of the facility.

The facility is subject to Air Emission Standards for Containers as listed at NR 664 Subchapter CC, Wis. Adm. Code. Drums of hazardous waste that are received at the facility meet the applicable U.S. Department of Transportation regulations for packaging hazardous material for transportation. All containers are equipped with a cover and closure device that forms a continuous barrier over the container opening such that when the cover and closure devices are secured in the closed position there are no visible holes, gaps or other open spaces into the interior of the containers. The containers are covered at all times when they are in storage. Sampling of containers and removal of container contents occurs through openings in the drum lid via insertion of a COLIWASA, trowel, scoop or similar sampling tool, or a drum pump. No changes related to air emissions are expected from the licensed hazardous waste storage and treatment activities.

There are approximately 3,792 single family residential homes, 41 multifamily dwellings, and approximately 50 commercial/industrial establishments located within 0.5-miles of the facility. The more heavily populated residential subdivisions begin approximately 0.2 miles northeast of the facility across the railroad tracks. There are two country clubs near the facility. The Brynwood Country Club is located approximately 810 feet to the west, and the Tripoli Golf Club approximately 1,350 feet to the east. No other parks or recreational areas are known to exist within a 1/2-mile radius of the facility. There are also ten (10) schools identified within a 1-mile radius of the facility. The location of the facility is currently zoned as light industrial. In March of 2022, the facility submitted a renewal for the Board of Zoning Appeals (BOZA) variance which allowed for continued storage of hazardous materials in an area zoned as light industrial.

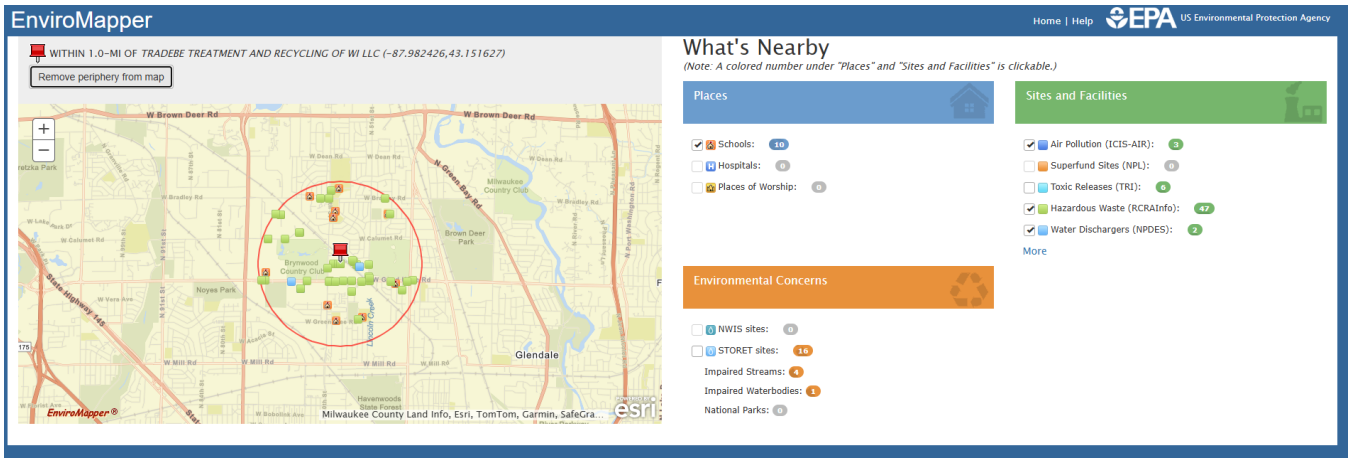


Figure 2. Existing Environment Surrounding the Facility

EnviroMapper was used to explore and visualize environmental data in the surrounding area. Based on the EnviroMapper data for a 1-mile radius around the facility, there are 47 hazardous waste facilities (e.g., generators; transporters; and treatment, storage, disposal facilities), 3 regulated stationary sources of air pollution, 2 regulated point source discharges of wastewater, and one brownfield site.

The facility receives approximately 8 deliveries per day, and these are scheduled in a way to minimize traffic and wait times for the drivers. Trucks are not allowed to be parked on Hemlock Street (the public road with access to the facility) during overnight hours or on weekends. The traffic flow pattern is shown in the drawing provided as Appendix R-3.

The facility submitted an Endangered Resources (ER) Review Verification as part of this application. The ER Review evaluates potential impacts on endangered resources like rare plants, animals and natural communities. The facility was granted approval by the department on August 8, 2024, for continued operations based on no/low impact activity.

A review was conducted of the Cultural and Archeological Resources Maps for Milwaukee County at the facility location (i.e., T08N, R21E, Section 14 – southwest corner) and in consultation with the department's Historic Preservation Officer/Archaeologist. No special resources were identified such as archaeological, historical, state natural areas or prime agricultural lands.

The following demographic and socioeconomic information is taken from USEPA's Enforcement and Compliance History Online (ECHO) database for a 1-mile radius surrounding the facility located at 5611 West Hemlock Ave (43.151627, -87.982426) equating to a total area of 3.12 sq. mi. USEPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. The demographic summary uses U.S. Census data and draws from the 2021 Census Block Groups Data (CBG) database. The CBG database is derived from the "2021 Census of Population and Housing Summary Tape Files 1A and 3A." Income and education data are derived from the 2018 - 2022 American Community Survey (ACS) 5-Year Summary.

Table 9. Demographic and Socioeconomic Data for 1-Mile Radius Around Facility

General Statistics (ACS)	
Total Persons	9,467
Population Density	3,037/sq.mi.
Housing Units in Area	4,047

Percent People of Color	75%
Households in Area	3,792
Households on Public Assistance	93
Persons With Low Income	3,885
Percent With Low Income	42%
Income Breakdown (ACS) - Households (%)	
Less than $15,000	444 (11.7%)
$15,000 - $25,000	385 (10.15%)
$25,000 - $50,000	749 (19.74%)
$50,000 - $75,000	898 (23.67%)
Greater than $75,000	1,318 (34.74%)
Age Breakdown (ACS) - Persons (%)	
Children 5 years and younger	620 (7%)
Minors 17 years and younger	2,585 (27%)
Adults 18 years and older	6,884 (73%)
Seniors 65 years and older	1,802 (19%)
Race Breakdown (ACS) - Persons (%)	
White	2,571 (27%)
African American	5,924 (63%)
Hispanic-Origin	374 (4%)
Asian	534 (6%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	2 (0%)
Other/Multiracial	320 (3%)
Education Level (Persons 25 & older) (ACS) - Persons (%)	
Less than 9th Grade	135 (2.18%)
9th through 12th Grade	360 (5.81%)
High School Diploma	1,939 (31.3%)
Some College/2-year	1,567 (25.29%)
B.S./B.A. or More	1,478 (23.86%)

Probable Adverse and Beneficial Impacts

Pursuant to s. NR 670.014(2)(x)2.d., Wis. Adm. Code, the need for an environmental impact statement shall include a discussion of probable adverse and beneficial impacts. The facility is not expanding its hazardous waste management activities beyond the established borders. There will be no further modifications to topography, any loss of agricultural or forest land, or displacement of wildlife. No new structures are planned that will have an adverse aesthetic impact for the people in and around the facility. Based on the proposed action of continued operations, new or increased impacts to the existing environment surrounding the facility are not anticipated.

Feasible Alternatives

Pursuant to s. NR 670.014(2)(x)2.e., Wis. Adm. Code, the need for an environmental impact statement shall include a discussion of feasible alternatives to the proposed action (e.g., taking no action, enlargement, reduction or modification of the project, other facilities, locations or methods to the proposed action and their impacts) within

the FPOR. The FPOR is proposing continuance of current operations at the facility, and an evaluation of feasible alternatives was not provided within the FPOR. Because the proposed action does not include any physical/operational changes, new/increased impacts to the existing environment are not anticipated, and the FPOR establishes methods for mitigating impacts, the department has determined further discussion of feasible alternatives is not necessary.

Need for an Environmental Impact Statement

As required by s. NR 670.406(1), Wis. Adm. Code, the department has performed the environmental review process under ch. NR 150, Wis. Adm. Code. As required under s. 289.25, Wis. Stats., the department has preliminarily determined that a separate environmental impact statement for this licensing action is not required under s. 1.11, Wis. Stats., and s. NR 150.20(2)(a)7s., Wis. Adm. Code, because the review process for the issuance of a license for a hazardous waste treatment, storage, or disposal facility is an integrated analysis action as defined in s. NR 150.03(12m), Wis. Adm. Code.

Feasibility

Based on the information provided within the FPOR, the department has preliminarily determined that this facility is feasible pursuant to s. 289.29, Wis. Stats, and has preliminarily determined that it will conditionally approve the application pursuant to s. NR 670.406(1), Wis. Adm. Code.

Findings of Fact

The department finds that:

1. Tradebe Treatment and Recycling of Wisconsin, LLC (Tradebe) currently leases and operates a licensed hazardous waste storage and treatment facility at 5611 West Hemlock Street, Milwaukee, Wisconsin. The hazardous waste storage and treatment facility is authorized under department licenses: License # 6026 for Storage of Hazardous Waste in Containers and License # 4395 for Treatment of Hazardous Waste in Containers.
2. The property, located at 5611 West Hemlock Street, Milwaukee, Wisconsin, is owned by Badger Investments Realty, LLC.

Historical Licensing

3. The facility previously operated under the names EOG Disposal, and Badger Disposal of Wisconsin, Inc. The current operator is Tradebe Treatment and Recycling of Wisconsin, LLC.
4. On March 15, 1994, the department issued an interim hazardous waste storage license to the original facility owner/operator, EOG Disposal, Incorporated.
5. On April 19, 1996, the department conditionally approved an FPOR submitted by EOG Disposal, Inc.
6. On December 16, 1996, the department issued the initial hazardous waste storage facility operating license to EOG Disposal, Inc. The license was effective for 10 years.
7. On June 17, 2003, the department issued a conditional approval of the class 1 plan modification to change the ownership of the facility to Badger Investment Realty, LLC. The operator of the facility changed from EOG Disposal, Inc. to Badger Disposal of Wisconsin, Inc.
8. On June 17, 2005, the department issued a call-in letter requesting Badger Disposal to either initiate closure or seek re-licensing of the facility by submitting a FPOR.
9. The facility was granted an exemption from the requirements of s. 289.53, Wis. Stats., by the department on February 9, 2006, to allow storage and transfer of PCB wastes.
10. On March 17, 2006, Badger Disposal submitted the FPOR and requested the department to re-issue a 10-year operating license. A check in the amount of $7,800 was included for the document review fee.
11. In its final determination dated June 29, 2007, the department issued a conditional approval of Badger Disposal's hazardous waste FPOR as part of the 10-year license renewal process established in ss. NR 670.010(1) and NR 670.010(8), Wis. Adm. Code. At that time, licensed operations were occurring in the North Drum Storage Warehouse, which has since been designated by Tradebe as Area 1.

Remediation and Redevelopment Activities

12. On August 17, 2005, a cubic-yard box containing various metal waste caught on fire at the facility.
13. On August 24, 2005, Badger Disposal submitted an Incident Report for the August 17, 2005, fire that occurred on the property. The report indicated that samples of the debris, asphalt and soils in the affected area were collected and submitted for analysis. BRRTS Case No. 02-41-548959 was opened.
14. On February 7, 2007, and March 27, 2007, the department requested additional information related to the August 17, 2005, fire.
15. On August 9, 2007, Badger Disposal requested case closure for BRRTS Case No. 02-41-548959. Case closure was approved by the department on September 19, 2007.
16. On December 24, 2010, one drum of material caught fire at the Badger Disposal facility and was extinguished by the fire suppression system. Roughly 1,985-gallons of fire suppression water was vacuumed into totes and sent offsite for disposal. Notification of the hazardous substance spill occurred on December 27, 2010. BRRTS Case No. 04-41-556994 was opened to track activities and was subsequently closed on May 5, 2011.
17. During an inspection on June 28, 2017, material was observed seeping from a roll off box containing empty drums off the asphalt onto adjoining soils.
18. On July 12, 2017, Tradebe completed notification of a hazardous substance spill related to the observations

from the June 28, 2017, inspection. BRRTS Case No. 04-41-580102 was opened to track activity and was subsequently closed on August 31, 2017.

19. On July 31, 2017, Badger Investment Realty, LLC requested the department issue a liability clarification letter under s. 292.55 Wis. Stats. The letter contained a determination as to whether response actions are needed under the ch. NR 700 Wisconsin Administrative Code rule series based on the discharge of one or more hazardous substance at the site.
20. On August 14, 2017, the department issued a liability clarification letter under s. 292.55 Wis. Stats. The data summarized in the July 31, 2017, request indicated that one or more hazardous substance discharges have occurred at the property. However, based on the criteria in s. NR 716.05(2)(a), Wis. Adm. Code, and the criteria in ss. NR 708.09(1) and (2), Wis. Adm. Code, the department determined that no response action including further site investigation activities was required under the ch. NR 700, Wis. Adm. Code rule series to respond to these identified discharges.

License Modifications

21. On November 9, 2007, the department received a report from the Licensee titled "Review and Certification of Design Drawings & Specifications Badger Disposal Building Addition." The department performed a construction documentation inspection on December 4, 2007. Badger provided additional information regarding the modification request in a letter dated December 13, 2007. On December 20, 2007, the department made a final determination to conditionally approve the class 1-1 license modification request regarding the 2007 Warehouse Building Addition (Area 2).
22. On November 20, 2009, Badger Disposal submitted a class 2 license modification request. On February 19, 2010, the department issued a temporary authorization approving the revisions to the shipment screening procedures. The February 19, 2010, temporary authorization conditional approval required Badger Disposal to submit additional information regarding the proposed storage of hazardous waste containers in the Lab Pack Building and the modification of condition #35 of the June 29, 2007, FPOR. This additional information was necessary for the department to make a final determination on the class 2 license modification request. Badger Disposal submitted the additional information on April 20, 2010. On June 16, 2010, the department made the final determination to conditionally approve the class 2 license modification request regarding the 2009 Lab Pack Building (Area 4).
23. On July 15, 2014, the department received a class 1 license modification request related to a change in facility personnel listed in the Contingency Plan. On September 11, 2014, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and did not require department approval.
24. On September 9, 2014, the department received a class 2 license modification request dated August 28, 2014, addressing the newly constructed 1,496 square foot Enclosure Building connecting the existing Lab Pack Building to the North Drum Storage Warehouse. On November 20, 2014, the department made the final determination to conditionally approve the class 2 license modification request regarding the Enclosure Building (Area 3).
25. The department received a class 2 license modification request dated September 16, 2016, and a revised license modification request dated October 14, 2016. The license modification request included converting the proposed but never constructed 50,000 gallons of hazardous waste tank storage into a 45,995 gallon of hazardous waste container storage and converting former 5,147 square foot office space into this hazardous waste container storage area, which would be known as the West Drum Storage Warehouse. On April 12, 2017, the department made the final determination to conditionally approve the class 2 license modification request regarding the West Drum Storage Warehouse (Area 5).
26. On November 4, 2016, the department received a class 1 license modification request to update the evacuation plan in the Contingency Plan. On December 21, 2016, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and do not require department approval.
27. On March 16, 2017, the department received a plan modification request due to a change in ownership and name of licensee from Badger to Tradebe Treatment and Recycling of Wisconsin, LLC, a Delaware limited liability company. Tradebe leases the property at 5611 West Hemlock Street from Badger Investment Realty.

The department completed its review and approved the modification on March 28, 2017.

28. On July 13, 2017, the department received a class 1 license modification request related to a change in emergency coordinators listed in the Contingency Plan. On July 19, 2017, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and do not require department approval.
29. On February 7, 2018, the department received a class 1 license modification request related to a change in emergency coordinators listed in the Contingency Plan. On February 14, 2018, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and do not require department approval.
30. On February 22, 2018, the department received a class 1 license modification request to update the Waste Analysis Plan, contained in Appendix B of the FPOR, to remove references to the State of Wisconsin Department of Natural Resources Laboratory Certification program for the on-site laboratory, and to update the name of the facility. In an email on February 26, 2018, the department communicated administrative errors observed in the February 22, 2018, license modification request. On March 6, 2018, Tradebe submitted a revised class 1 license modification request. On March 12, 2018, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and do not require department approval.
31. In an email dated May 9, 2018, Tradebe informed the department that it had identified possible discrepancies in secondary containment calculations previously developed by Badger Disposal, the facility's former operator.
32. In a letter dated July 8, 2019, the department required Tradebe to submit a license modification request to address secondary containment design, calculations, and the maximum storage for each section of the 2009 Lab Pack Building.
33. In an email dated August 6, 2019, Tradebe informed the department of its plan to temporarily reduce storage quantities in the 2009 Lab Pack Building. In a letter dated August 15, 2019, Tradebe requested the department's consideration of a class 1 license modification request to temporarily reduce the total maximum volume of containers stored in the 2009 Lab Pack Building. This letter also informed the department that it had implemented containment berm alterations to this area's secondary containment system. These alterations included three notches in the curb between Sections A and B and removal of the curb between Sections A and C. The reduction in maximum storage volume was acknowledged as a class 1 license modification by the department in a letter dated August 20, 2019.
34. In a letter dated August 23, 2019, the department provided technical comments after preliminary review of Tradebe's August 15, 2019, submittal. The August 23, 2019, letter also recommended submittal of a license modification request regarding berm alterations.
35. In letters dated September 23, 2019, and September 26, 2019, Tradebe requested consideration of its suggested approach to addressing secondary containment issues. In an email dated September 26, 2019, the department summarized discussions regarding this approach and the need for a license modification regarding the berm alterations.
36. In a letter dated October 8, 2019, Tradebe submitted a class 1-1 license modification request, receipt of which was acknowledged by the department in a letter dated October 9, 2019. After a series of emails with various supplemental submittals from Tradebe and department feedback on these submittals, the department recommended in an email dated March 5, 2020 that a revised, comprehensive class 1-1 license modification request be developed and submitted.
37. Tradebe submitted a revised class 1-1 license modification request dated March 19, 2020. This submittal replaced the class 1-1 license modification request dated October 8, 2019. The $400 review fee had been received on October 28, 2019, for the October 8, 2019, request and was applied to the updated March 19, 2020, submittal.
38. On March 31, 2020, the department transmitted clarification questions to Tradebe via email related to the March 19, 2020, class 1-1 license modification request.
39. Tradebe submitted additional information in an email dated April 10, 2020, and included a request to modify Condition 24 of the Approval dated June 29, 2007, regarding the double stacking of containers.
40. On April 15, 2020, the department conditionally approved Tradebe's class 1-1 license modification request to

address the following changes:

a) Section 7 of the FPOR, addressing modified container stacking requirements and entity name change, and correcting inaccurate values (e.g., maximum container storage, secondary containment capacity).
b) Secondary containment calculations within the FPOR's Appendix H (Preparedness and Prevention Plan), to consider the container volumes for hazardous wastes and non-hazardous wastes.
c) New Drawings 16412-G6.2 and 6412-G8.2.
d) The facility's Contingency Plan, to address emergency response actions to contain fire suppression water.

41. On June 17, 2025, the department received a class 1 license modification request via email from Tradebe related to a change in emergency coordinators in the Contingency Plan. On June 18, 2025, the department acknowledged receipt and determined the changes identified constitute a class 1 modification and do not require department approval.

License Renewal Correspondence

42. The department issued a call-in letter dated February 2, 2016, notifying Badger Disposal to submit a 10-year reissuance application including a new FPOR.
43. Badger Disposal submitted a license renewal application including a revised FPOR dated February 1, 2017, which was received by the department on February 6, 2017. The department acknowledged receipt of the license renewal application on February 6, 2017 and payment of document review fees were received on February 9, 2017.
44. On April 7, 2017, Tradebe requested, and the department approved, due to the recent ownership change from Badger Disposal to Tradebe, that the department delay issuing a Notice of Incompleteness (NOI) letter until after a scheduled meeting on April 14, 2017. A draft of this NOI was also provided to Tradebe at their request.
45. The department and Tradebe participated in a meeting on April 14, 2017. The department indicated that the NOI related to the February 1, 2017, FPOR would be forthcoming.
46. The department issued an NOI in a letter dated May 2, 2017, requiring response by July 1, 2017.
47. On May 5, 2017, Tradebe submitted a revised RCRA Subtitle C Site Identification Form and the Hazardous Waste Permit Part A Form.
48. On July 11, 2017, Tradebe requested an extension for addressing the May 2, 2017, NOI issues until September 9, 2017, and the department approved the request.
49. On August 1, 2017, the current 10-year license expired.
50. On August 31, 2017, the department met with Tradebe to address questions regarding the renewal process.
51. On September 15, 2017, Tradebe requested an 8-month extension, until May 8, 2018, to submit a revised FPOR to address the May 2, 2017, NOI. The department approved this request on September 25, 2017.
52. On February 8, 2018, the department provided informal comments to Tradebe to assist in clarifying certain elements of the May 2, 2017, NOI.
53. On May 9, 2018, Tradebe requested an additional extension, until May 28, 2018, to submit a revised FPOR to address the May 2, 2017, NOI. The department approved this request on May 10, 2018.
54. Tradebe submitted a revised FPOR to the department on May 25, 2018.
55. On August 30, 2018, the department exchanged email correspondence with Tradebe informing the licensee of inconsistencies within the May 25, 2018, FPOR documents and digital files and requested that Tradebe provide a resubmittal to reconcile.
56. On October 29, 2018, the department emailed Tradebe to request a status update and Tradebe responded with a phone call to the department on the same day.
57. Tradebe submitted a revised FPOR to the department on November 5, 2018.
58. The department issued an NOI regarding the November 5, 2018, FPOR letter dated January 7, 2019, requiring updated secondary containment information. The letter was transmitted via email on January 11, 2019.
59. On February 7, 2019, Tradebe requested an extension for addressing the January 7, 2019, NOI issues until April 30, 2018. On February 8, 2019, the department approved via email an extension until March 29, 2019, for responding to the January 7, 2019, NOI and expressed concern about ongoing delays.
60. On April 4, 2019, the department communicated to Tradebe via email that the March 29, 2019, deadline for

addressing the January 7, 2019, NOI and resubmittal of the FPOR had passed without the required submittal. The department requested Tradebe submit a plan to move the renewal process forward.

61. On April 30, 2019, Tradebe submitted revisions to the November 5, 2018, FPOR.
62. On June 12, 2019, the department requested that Tradebe update the April 30, 2019, submittal to include a complete version of the FPOR.
63. On June 17, 2019, Tradebe submitted additional revisions to the November 5, 2018, FPOR.
64. On July 8, 2019, the department notified Tradebe that the FPOR continues to be incomplete and establishes a 30-day deadline to submit updated FPOR secondary containment information and a license modification to address storage capacities. Tradebe submitted a license modification request dated August 15, 2019.
65. On August 23, 2019, the department informed Tradebe of the following:
    a) FPOR revisions had not been received and the FPOR continued to be incomplete, and that additional review comments would be provided following resolution of secondary containment issues.
    b) Inadequacies in the August 15, 2019, license modification request, and
    c) That facility alterations were performed without proper approvals.
66. On February 11, 2020, via email, the department expressed continuing concern about the slow pace of Tradebe's license renewal efforts.
67. On February 12, 2020, and April 7, 2020, at Tradebe's request, the department provided courtesy informal comments on the November 5, 2018, FPOR.
68. On July 17, 2020, the department participated in a telephone discussion with Tradebe regarding the status of the revised FPOR.
69. On August 11, 2020, the department emailed Tradebe to request a schedule for updating the FPOR.
70. On August 12, 2020, Tradebe emailed the department with a schedule to submit a revised FPOR by September 18, 2020.
71. On September 18, 2020, Tradebe requested an extension via email until September 30, 2020.
72. Tradebe submitted a set of revised FPOR digital files dated September, 30, 2020, to the department on November 5, 2020. The department acknowledged receipt and invoiced for the document review fees on November 6, 2020.
73. On November 9, 2020, the department sent Tradebe an email requesting additional information related to aisle space in the November 5, 2020, FPOR. Tradebe sent an email on December 1, 2020, with additional aisle space information.
74. On December 15, 2020, the department requested information regarding the FPOR's closure cost estimate via email.
75. On January 7, 2021, the department provided detailed comments regarding Tradebe's aisle space submittal dated December 1, 2020.
76. On February 19, 2021, the department requested that Tradebe provide a schedule for submitting the information requested on December 15, 2020, related to closure costs and on January 7, 2021, related to aisle space.
77. On February 24, 2021, the department issued an NOI regarding the November 5, 2020, FPOR and requested a revised FPOR by May 24, 2021. In this NOI, the department again emphasized its concerns about Tradebe's delays in the renewal process, and informed Tradebe that any renewal would be reduced from the maximum 10-year term. A series of virtual meetings then occurred to discuss the NOI's contents.
78. On September 23, 2021, the department provided detailed notes of clarification regarding the items of the February 24, 2021, NOI. In this letter, the department again emphasized its concerns about Tradebe's delays in the renewal process, and informed Tradebe that any renewal would be reduced from the maximum 10-year term.
79. During 2022, Tradebe and the department engaged in informal exchanges regarding Tradebe's questions in its efforts to update the FPOR. Tradebe informed the department via email dated March 4, 2022, of its intention to create a new FPOR document, rather than revising the previous FPOR.
80. Tradebe submitted a digital copy of a revised FPOR to the department on January 11, 2023.
81. On March 2, 2023, the department requested clarifying information regarding the revisions made to the January 11, 2023, FPOR, in the form of a "crosswalk" relating to the February 24, 2021, NOI, as had been previously

requested.

82. Tradebe submitted a revised FPOR to the department on June 30, 2023, with a "crosswalk" detailing revision from the January 11, 2023 FPOR. Tradebe indicated its intent to withdraw this FPOR via email on July 25, 2023.
83. On July 26, 2023, at Tradebe's request, the department provided draft comments on the June 30, 2023, crosswalk. and confirmed that its review of the January 11, 2023, and June 30, 2023, FPORs was being suspended pending Tradebe's resubmittal.
84. The department and Tradebe engaged in reoccurring teleconference meetings from August 2023 through February 2024 to clarify questions on the crosswalk.
85. On June 17, 2024, the department requested an updated FPOR submittal schedule.
86. During a teleconference on June 26, 2024, Tradebe indicated the submittal schedule for a revised FPOR would be provided by Tradebe no later than July 1, 2024.
87. On July 17, 2024, the department issued a letter informing Tradebe that no submittal schedule had been received and an updated FPOR is due on or before September 17, 2024.
88. Tradebe submitted a revised FPOR to the department on September 17, 2024. A revised cover letter clarifying the submittal contents was received by the department on September 26, 2024.
89. On January 24, 2025, the department requested additional information regarding aspects of the environmental impact review. Tradebe provided a response on March 13, 2025, dated March 10, 2025.
90. On August, 20, 2025, the department sent an email to Tradebe regarding discrepancies in reporting hazardous secondary material activity and a reminder of financial assurance requirements.
91. On September 18, 2025, the department and Tradebe participated in a teleconference meeting to clarify apparent discrepancies in the FPOR, including hazardous secondary material activity, review licensing status and timeline, and discuss public outreach.
92. On October 15, 2025, the department and Tradebe participated in a teleconference meeting to clarify elements of the waste analysis plan and discuss follow up actions from the September 18, 2025, teleconference.
93. On October 24, 2025, the department and Tradebe participated in a teleconference meeting to clarify elements of the waste analysis plan and discuss follow up actions from the October 15, 2025, teleconference.
94. On November 4, 2025, the department and Tradebe participated in a teleconference meeting to clarify elements of the waste analysis plan and discuss follow up actions from the October 24, 2025, teleconference.
95. On November 6, 2025, the department sent Tradebe an email notifying the Licensee that the department would not be able to accommodate the request to combine the solid and hazardous waste licenses during this renewal.
96. The department sent a letter to the facility property owner on December 5, 2025, notifying them the department intends to name the property Owner, Badger Investment Realty, LLC, as a licensee along with the Operator, Tradebe Treatment and Recycling of Wisconsin, LLC.
97. On April 30, 2026, the department shared a courtesy draft preliminary determination with the Tradebe and Badger for review and comment. Tradebe provided written comments on May 30, 2026, and oral comments during a teleconference on August 11, 2026. Additional clarifications on written and oral comments were received on September 4, 2026. The department considered Tradebe's comments in drafting the preliminary determination.
98. On October 5, 2026, the department preliminarily determined the September 17, 2024, FPOR to be substantially complete in accordance with s. NR 670.403, Wis. Adm. Code.
99. On October 5, 2026, the department determined that a separate environmental impact report or environmental impact statement for this facility is not required at this time, pursuant to s. 1.11, Wis. Stats., and ch. NR 150, Wis. Adm. Code.
100. On October 5, 2026, the department determined that there is a need for the facility pursuant to s. 289.28, Wis. Stats.
101. On October 5, 2026, the department determined that the facility conforms to water quality standards for wetlands pursuant to ch. NR 103, Wis. Adm. Code.
102. The FPOR, the preliminary determination dated October 5, 2026, and fact sheet were published on the department's website at http://dnr.wi.gov/topic/Waste/Comment.html on October 19, 2026.

103. On XXX, a class 1 public notice was published in the Wisconsin State Journal and the Milwaukee Journal Sentinel, to inform the public that the FPOR, the preliminary determination dated October 5, 2026, and fact sheet were available for review, with the 45-day public comment period ending on December 3, 2026.
104. A radio announcement on (radio station XXX) was run on (Insert Date).

Conclusions of Law

The department concludes that:

1. The department promulgated chs. NR 600 through 699, Wis. Adm. Code, establishing minimum requirements for hazardous waste management under the authority of ch. 289 and ch. 291, Wis. Stats.

2. Pursuant to s. 289.31(1), Wis. Stats., no person may operate a hazardous waste facility unless the person obtains an operating license from the department.

3. Pursuant to s. NR 670.050, Wis. Adm. Code, operating licenses shall be effective for a fixed term of no more than 10 years and are subject to annual renewal during that term. The department may issue any operating license for a duration that is less than the full allowable term, per s. NR 670.050(3), Wis. Adm. Code. Pursuant to s. NR 670.010(8), Wis. Adm. Code and s. NR 670.051, Wis. Adm. Code, if the licensee intends to continue operating the hazardous waste facility after this term ends, the licensee must submit, at least 180 days before the end of the term, a new, complete operating license application. Pursuant to s. NR 670.010(3), Wis. Adm. Code, the application shall consist of a Part A application form, the feasibility and plan of operation report, and any supplemental information completed to the department's satisfaction.

4. Pursuant to s. 289.29, Wis. Stats., and ch. NR 670, Wis. Adm. Code, the department has determination of feasibility authority for hazardous waste facilities. Pursuant to s. 289.30(6), Wis. Stats., and ch. NR 670, Wis. Adm. Code, the department has the authority to issue hazardous waste facility plan of operation approvals.

5. The department has the authority pursuant to s. 289.30(6), Wis. Stats., and s. NR 670.032, Wis. Adm. Code, to conditionally approve a feasibility and plan of operation report if the conditions are necessary to ensure compliance with ch. 289 and ch. 291, Wis. Stats., and chs. NR 600 through 699, Wis. Adm. Code. The department has the authority pursuant to s. NR 670.032(2)(b), Wis. Adm. Code, to establish license conditions the department determines necessary to protect human health and the environment.

6. The conditions of approval set forth below are necessary to ensure compliance with chs. NR 600 through 699, Wis. Adm. Code, and to protect human health and the environment.

7. Section 291.37, Wis. Stats., and ch. NR 664, subch. F, Wis. Adm. Code, authorizes the department to require corrective action when a release has occurred from a solid waste management unit at a facility.

8. Licenses issued under ch. 289 and ch. 291, Wis. Stats., must ensure that the provisions of ch. NR 103, Wis. Adm. Code, have been met concerning effects on water quality and wetlands.

9. The department is required to comply with the procedural requirements of s. 1.11, Wis. Stats, and ch. NR 150, Wis. Adm. Code, in the reissuance of a hazardous waste storage license. In accordance with s. NR 150.20(2)(a)7s., Wis. Adm. Code, the review process for the issuance of a license for an existing hazardous waste treatment, storage, or disposal facility is an integrated analysis action because a detailed environmental analysis and public disclosure are conducted as part of the department's programmatic procedures under ch. NR 670, Wis. Adm. Code. Therefore, a separate additional environmental analysis is not required for this proposal.

Preliminary Determinations

Pursuant to s. 289.24(3), Wis. Stats. and s. NR 670.010(3), Wis. Adm. Code, the department has determined that the application includes the minimum information required in ss. NR 670.014(1) and NR 670.001(2), Wis. Adm. Code, and is sufficiently complete to make additional determinations.

The department has preliminarily determined that there is a need for the facility in accordance with s. 289.28(3), Wis. Stats.

The department has preliminarily determined that the proposed activities are in conformance with the applicable requirements of ch. NR 103, Wis. Adm. Code, concerning water quality standards for wetlands, as is required in s. NR 103.08(1), Wis. Adm. Code, based on the requirements of this Approved FPOR, the conditions of this Approval, and the facility's Wisconsin Pollutant Discharge Elimination System (WPDES) permit.

As required by s. NR 670.406(1), Wis. Adm. Code, the department has completed the environmental review process under ch. NR 150, Wis. Adm. Code. As required under s. 289.25, Wis. Stats., the department has determined that a separate environmental impact statement for this licensing action is not required under s. 1.11, Wis. Stats., and s. NR 150.20(2)(a)7s., Wis. Adm. Code, because the review process for the issuance of a license for a hazardous waste treatment, storage, or disposal facility is an integrated analysis action as defined in s. NR 150.03(12m), Wis. Adm. Code.

The department has preliminarily determined that this facility is feasible pursuant to s. 289.29, Wis. Stats, and has preliminarily determined that it will conditionally approve the application pursuant to s. NR 670.406(1), Wis. Adm. Code.

Based on the Findings of Fact and Conclusions of Law, and as part of this preliminary determination, the department hereby issues a preliminary conditional approval of the feasibility and plan of operation report for Tradebe Treatment and Recycling of Wisconsin, LLC submitted on September 17, 2024, dated September 2024, with updated cover letter received on September 26, 2024 and additional information submitted on March 13, 2025, subject to compliance with ch. 289 and ch. 291, Wis. Stats., chs. NR 600 through 699, Wis. Adm. Code, and the following conditions:

Conditions of Approval

Licensee(s) is subject to the provisions of the following sections, which constitute conditions of its operating license.

Definitions

For purposes of this License, terms used herein shall have the same meaning as those in chs. NR 600 through 699, Wis. Adm. Code, or other specifically cited provision as appropriate, unless this Approval specifically provides otherwise. Terms not defined shall have the meaning as given in ch. 289 and ch. 291, Wis. Stats., and/or chs. NR 600 through 699, Wis. Adm. Code. The following terms are defined solely as used in these conditions of approval:

Annual Operating License:
means a license to operate that is renewed annually, as required under s. NR 670.427(1)(a), Wis. Adm. Code. The Annual Operating License is a separate document from the License as defined below. An Annual Operating License is granted for a one-year term. The License, as separately defined herein, authorizes the issuance of the initial Annual Operating License, and subsequent Annual Operating License(s) for a period of up to 10 years.

Approval:
means this Final Determination, its conditions, and any subsequent modifications issued by the department.

Approved FPOR:
means the feasibility and plan of operation report submitted on September 17, 2024, dated September 2024, with updated cover letter received on September 26, 2024 and additional information submitted on March 13, 2025, that was conditionally approved by the department on XXX, and as amended by subsequent approved license modifications.

Authorized Signatory:
means a responsible corporate officer for a corporation, general partner or proprietor for a partnership or sole proprietorship, or principal executive officer or ranking elected official for a municipality, state, federal or other public agency, as defined in s. NR 670.011(1), Wis. Adm. Code.

Facility:
means Tradebe Treatment and Recycling of Wisconsin, LLC located at 5611 West Hemlock Avenue, Milwaukee, Wisconsin as depicted on the Certified Survey Map No. 8176 in Appendix Q-2, of the Approved FPOR, unless otherwise defined by "Facility" in s. NR 660.10(43), Wis. Adm. Code.

Licensee(s):
means the operator, currently Tradebe Treatment and Recycling of Wisconsin, LLC, and property owner, currently Badger Investment Realty, LLC.

License:
means an Approval, as defined above, issued by the department under ch. NR 670, Wis. Adm. Code, and the Approved FPOR, as defined above, that grants the Licensee(s) permission to operate a hazardous waste treatment, storage or disposal facility.

Normal Course of Transportation:
Waste containers transported within, to, and from a treatment, storage or disposal facility are considered to be in the normal course of transportation when the driver or designated facility personnel in charge of the vehicle:

a) Is aware of the nature of the Waste contained in the vehicle;
b) Has been instructed in the procedures to follow in emergencies;
c) Are authorized to move the vehicle and have the means and ability to do so; and
d) Are within 100 feet of the vehicle and it is within his/her unobstructed field of view.

Receive or Received or Receipt:
means when a Waste delivery enters the Facility property and completes the normal course of transportation.

The Department's Designated TSDF Inspector:
means the person assigned to perform hazardous waste inspections at the Facility. Licensee(s) should contact the Section Manager, Hazardous Waste Prevention & Management, if there are questions about these assignments.

The Department's Designated Hazardous Waste Plan Review Staff:
means the person assigned to review hazardous waste license modification requests for the Facility. Licensee(s) should contact the Section Manager, Hazardous Waste Prevention & Management, if there are questions about these assignments.

The Department's Designated Owner Financial Responsibility Staff:
means the person assigned to review proof of financial assurance for the Facility who can be contacted via electronic mail at DNRWAFinancialResponsibility@wisconsin.gov. Licensee(s) should contact the Section Manager, Hazardous Waste Prevention & Management, if there are questions about these assignments.

The Department's Designated Remediation and Redevelopment (R&R) Program Project Manager:
means the person assigned to review the activities pursuant to chs. NR 700-799, Wis. Adm. Code, for the Facility. Licensee(s) should contact Director, Remediation and Redevelopment Program, if there are questions about these assignments.

Waste(s):
(when not used as part of "hazardous waste/s") shall refer to all solid waste as defined in s. NR 661.0002, Wis. Adm. Code at the Facility Received from off-site.

Waste Movement:
means a generator's waste shipment.

Waste Stream:
means a single type of solid waste or hazardous waste from a single generator.

WIP Discrepancy:
means an inconsistency between the waste received at the facility when compared to its WIP, the Shipping Paper, and/or the LDR document (if applicable), and the results of the waste analysis.

A. General

A.1 License.
The Facility shall be operated in accordance with the Approved FPOR, the requirements of ch. 289 and ch. 291, Wis. Stats., chs. NR 600 through 699, Wis. Adm. Code, and the conditions of this Approval. The Approved FPOR and these conditions are made a part of any operating license issued for the Facility under ch. NR 670, Wis. Adm. Code based upon this Approval. Any hazardous waste storage, treatment, and/or disposal at the Facility not authorized in this License, or otherwise allowed by rule, is prohibited.

A.2 Most Stringent Provision.
The Approval conditions, Wisconsin Statutes or the Wisconsin Administrative Code shall take precedence over any less stringent provisions contained within the Approved FPOR. The Approval conditions shall take precedence over any less stringent provisions contained within the Approved FPOR, Wisconsin Statutes, or the Wisconsin Administrative Code. If any provision is inconsistent with another provision in the Approved FPOR, Licensee(s) shall conform to each provision or obtain approval of a license modification to clarify the provision(s). If the provisions are contradictory, Licensee(s) shall conform to the more stringent provision, as judged by the department.

A.3 License Term and Approval.
The License shall be effective beginning on the date of this Approval through a fixed term of four (4) years, unless extended in writing by the department. The department may extend this date in accordance with ss. NR 670.041 to NR 670.042, Wis. Adm. Code, if the extension is not due to the fault of the Licensee(s) and is warranted to allow reasonable time for the Licensee(s) to properly address department review comments and recommendations in developing the revised FPOR. For the purposes of compliance with ch. NR 600 – 699, Wis. Adm. Code, all prior hazardous waste approvals issued under ch. NR 670, Wis. Adm. Code by the department relating to the Facility, other than those regarding corrective action, are hereby nullified and superseded by this Approval.

A.4 Owners and Operators.
Unless set forth specifically otherwise herein, requirements of this License apply to all owners and operators of the Facility. Actions by any owner or operator, to be compliant with this License or that are non-compliant with this License, constitute an action of all owners and operators (except as otherwise specified).

A.5 Compliance with Applicable NR 600 Regulations.
Notwithstanding s. NR 670.004(1), Wis. Adm. Code, Licensee(s) shall comply with the requirements of all applicable regulations in chs. NR 600 – NR 699, Wis. Adm. Code, unless an alternative to a specific requirement is explicitly identified in this Approval. The Licensee(s) shall also comply with any additional applicable regulations authorized under section 3006(g) of RCRA (42 USC 6926: Authorized State hazardous waste programs), that become immediately effective in all authorized states as of the effective date of the federal rule.

A.6 Record Upkeep and Accessibility.
The Licensee(s) shall maintain the following documents to be available when requested by the department:

a. The License, including the Approval and the Approved FPOR;
b. All final license modification requests and approvals;
c. Any pending requests for license modifications or renewal;
d. Reports submitted pursuant to the License;
e. Correspondence regarding department inspections and enforcement actions;
f. All records required by the conditions of this Approval, the Approved FPOR, and any modifications thereof; and

g. Documents required to be retained within the operating record in accordance with this License and s. NR 664.0073, Wis. Adm. Code.

A.7 Site Identification and Part A Form.

Licensee(s) shall meet the following requirements:

a. With the exception of changes in generator related information, all changes to the information in the Site Identification Form and associated addendums (EPA Form 8700-12), or the Part A Form (EPA Form 8700-23), from that contained in Attachment A of the Approved FPOR, must be approved through a license modification in accordance with s. NR 670.042, Wis. Adm. Code, and submitted to the Department's Designated Hazardous Waste Plan Review Staff. The Licensee(s) shall use the RCRAInfo industry application for electronic notification of changes to the information in the Site Identification Form. A cover letter summarizing the changes requested shall be submitted to the Department's Designated Hazardous Waste Plan Review Staff at the same time as the electronic notification submittal, to facilitate the processing of the license modification request. Electronic notification submittals will not be processed until the cover letter summarizing the license modification request is sent to the Department's Designated Hazardous Waste Plan Review Staff.

b. Within one (1) month of the date of this Approval, the Licensee(s) shall submit a class 1 license modification request in the RCRAInfo industry application, with accompanying cover letter to the Department's Designated Hazardous Waste Plan Review Staff, to update the Site Identification Form and Part A as follows:

   i. Part A Form (EPA Form 8700-23), Item #6 Design Capacities: Update to be consistent with hazardous waste storage volumes and treatment rates in Table 10 and Table 11, or if requesting an expansion, submit a class 3 license modification request.

   ii. Site Identification Form (EPA Form 8700-12), Item #11 Transporter of Hazardous Waste: Update Transporter of Hazardous Waste activity to be consistent with most recent annual reporting and transporter license, or if the Facility is operating as a Transporter or Transfer facility, submit a 1-1 license modification request including a description of how 10-day transfer containers in or near the licensed storage areas will be segregated and separately identified from hazardous waste containers in licensed storage status.

   iii. Site Identification Form (EPA Form 8700-12), Item #16 Notification of HSM Activity: Update Hazardous Secondary Material (HSM) Activity to be consistent with most recent annual reporting, or before managing HSM onsite, submit a class 1-1 license modification request for approval by the department including a procedure detailing HSM management and how compliance with subch. H of ch. NR 661, Wis. Adm. Code is achieved.

A.8 Authorized Hazardous Waste.

The Licensee(s) shall only manage hazardous wastes identified on the Part A application form in Attachment A of the Approved FPOR.

A.9 Proper Operation and Maintenance.

Proper operation and maintenance, as the term is used in s. NR 670.030(5), Wis. Adm. Code, shall also include effective performance, adequate funding and staffing, effective and accurate inspections, timely and effective actions to correct deficiencies, effective staffing and training, and supervision of all personnel that direct or support operational workers, effective contingency planning, effective emergency response, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of this License.

A.10 Spills.
If a spill occurs, the affected area shall be cleaned up in as timely a manner as is possible and affected areas decontaminated. No additional Waste or materials shall be stored on or near the affected surface until this decontamination is complete. The Licensee(s) shall take prompt action to prevent or minimize the Waste material from reaching or affecting soil, surface water, groundwater, sanitary sewers, storm sewers, or ambient air. Hazardous substance discharges as defined in chs. NR 700-799, Wis. Adm. Code, shall be immediately reported to the department's designated 24-hour hotline telephone number 1-800-943-0003.

A.11 Inspection and entry.
The Licensee(s) shall allow any employee, officer or authorized representative of the department, with notice provided no later than upon arrival, to enter the Facility; access and copy, at reasonable times, any records relating to Waste, including but not limited to the operating record; inspect any facilities, vehicles, equipment (including monitoring and control equipment), practices or operations, and any construction; and monitor or sample Waste or media for Waste residues or hazardous constituents at the Facility. While onsite, department personnel shall comply with all applicable health, safety, and security protocols, provided those protocols do not unreasonably delay or prevent the safe performance of their duties.

A.12 Property Rights.
Issuance of this License does not convey any property rights of any sort or any exclusive privilege.

A.13 Legal Obligation.
Nothing in this Approval shall relieve Licensee(s) of the legal obligation to comply with applicable federal, state, and local regulatory requirements. Issuance of this License does not authorize any injury to persons or property, any invasion of other private rights, or any infringement of tribal, state, or local law or regulations.

A.14 Defense.
Compliance with the terms of this License does not constitute a defense to any other law providing for protection of public health or the environment.

A.15 Severability.
The provisions of this License are severable, and if any provision of this License is in any circumstance contested or held invalid, the contested or invalid provision(s) will not affect other License provisions that are uncontested and valid. All other provisions of the License remain fully effective and enforceable.

A.16 Prevention of Discharges or Emissions.
Licensee(s) shall operate and maintain the Facility in a manner that prevents discharges or emissions from the Facility from negatively impacting the safety of the Facility, the health and safety of personnel at or affected by the Facility, or the environment.

A.17 Bonding and Grounding, Fire Protection.
Licensee(s) shall install and maintain suitable bonding and grounding systems in all areas of the Facility where a static discharge could result in a fire or explosion that could impact the licensed storage and treatment areas, and other areas where hazardous wastes are handled. Licensee(s) shall comply with the applicable building code requirements and standards and codes established by the National Fire Protection Association in areas where fire could impact the licensed storage and treatment areas.

A.18 Intrinsically Safe Equipment.
Electrical equipment in all areas of the Facility where sparks or fire could impact the licensed storage and treatment areas, and other areas where hazardous wastes are handled shall be intrinsically safe and meet the standards of the most recent edition of NFPA 70, the National Electrical Code (NEC).

A.19 Sources of Ignition or Reaction.
In all areas of the Facility where sparks or fire from welding, cutting and brazing could impact the licensed storage and treatment areas, and other areas where hazardous wastes are handled, the Licensee(s) shall implement and maintain a program and precautions in accordance with 29 CFR 1910.252 to separate and protect these materials from open flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical or mechanical), spontaneous ignition (e.g., from heat-producing chemical reactions) and radiant heat.

A.20 Exclusions or Exemptions Documentation.
When Licensee(s) relies on any of the exclusions or exemptions in s. NR 661.0004 and s. NR 661.0006, Wis. Adm. Code, Licensee(s) shall maintain documentation in the operating record for at least 3 years that demonstrates that the exclusion or exemption applies and is met. This condition includes but is not limited to excluded scrap metals, hazardous secondary materials, solvent contaminated wipes, oil filters, samples, airbag waste, and recyclable materials.

A.21 Continued Use Material Documentation.
Licensee(s) shall maintain the following documentation in the operating record for at least 3 years for used materials that are reused for their original intended purpose without any reclamation to demonstrate the materials are not a Waste:

a. The name and location of the end user of the continued use material.
b. Contract or agreement with the end user of the continued use material.
c. A description of how the continued use material will be reused.
d. SDS of the original product and laboratory analysis of the used material.
e. Parameters related to the end use that the continued use material must meet.
f. Amounts of continued use material Received and shipped offsite.
g. Annual reports from the end user to verify the continued use material was used legitimately.

A.22 Other Authorizations.
Within 15 days of a request as described below,, Licensee(s) shall also submit to the Department's Designated Hazardous Waste Plan Review Staff a copy of any application to modify or reissue authorizations that are referred to in the Approved FPOR, or are otherwise required to be identified by s. NR 670.013(11), Wis. Adm. Code. This shall also include, at a minimum, environmental permits, land use authorizations, and approvals established or required to operate the Facility and/or to construct, modify or expand the Facility. Examples include but are not limited to those involving:

a. zoning/land use; in the case where land use is established without a site-specific land use authorization (such as a conditional use permit) such as via a zoning ordinance or via grandfathered use
b. solid waste storage, transfer and/or processing
c. air emissions; current air permit(s) (e.g., construction and operating)
d. wastewater discharges (e.g., authorizations for discharges to the local sewer or waterway)
e. stormwater discharges (e.g., Tier 2 stormwater discharge permit applicable for all licensed treatment, storage, and disposal facilities in accordance with s. NR 216.21(2)(b)6., Wis. Adm. Code)
f. environmental remediation/cleanup activities (e.g. authorizations or approvals issued under chs. NR 700-799, Wis. Adm. Code)
g. DATCP tank registrations

A.23 Hazardous Waste Shipments.
Prior to transporting or offering for transport a hazardous waste for off-site treatment, storage, or disposal, the Licensee(s) shall prepare a Uniform Hazardous Waste Manifest (EPA Form 8700-22) and, follow the most recent version of the Form 8700−22 instructions related to completing the manifest.

B. Licensing

B.1 Annual Operating License.
Licensee(s) shall obtain Annual Operating License(s) effective from October 1 through September 30 under s. NR 670.427(1)(a), Wis. Adm. Code.

B.2 License Modification Initiated by Licensee(s).
In the event the Licensee(s) fails to meet a submittal deadline established by this Approval or plans to implement changes or activities that are inconsistent with the Approval and/or Approved FPOR, Licensee(s) shall acquire a License modification. Licensee(s) shall ensure all License modification requests are complete and technically adequate to support the request. The department shall invoice the Licensee(s) in accordance with the document review fees specified in ch. NR 670, Appendix II, Wis. Adm. Code, to cover the department's review costs. Supplemental document review fees shall be assessed in accordance with ch. NR 670, Appendix II, Wis. Adm. Code.. The filing of a request for a license modification or any notification of planned changes on the part of the Licensee(s) does not stay the applicability or enforceability of any condition. Modifications to the License do not constitute a reissuance of the License.

B.3 Annual FPOR Update.
This condition applies to minor administrative changes to the License that keep the License current with routine changes to the Facility or its operation, and do not increase risk of impacts to human health or the environment. Such changes shall be designated as a class 1 modification, in accordance with s. NR 670.042(1), Wis. Adm. Code, requiring no department approval or review fee. The Licensee(s) may seek department concurrence that proposed changes represent minor administrative changes subject to a class 1 modification.

a. Rather than submitting the notifications of a class 1 modification in accordance with s. NR 670.042(1)(a), Wis. Adm. Code, for each minor administrative change, by July 31 of each calendar year, the Licensee(s) shall submit an updated digital file of the entire FPOR as a single class 1 license modification request that incorporates all minor administrative changes that took effect during the preceding one-year period from July 1 through June 30.
b. The submittal shall include a cover letter summarizing each minor administrative change in the FPOR.
c. This annual FPOR submittal shall also include all modifications approved by the department (class 1-1, 2, or 3) that occurred during the preceding one-year period from July 1 through June 30.
d. If no such FPOR changes occurred, Licensee(s) shall only be required to provide notification of this fact.
e. The Facility shall maintain records of any changes and a current version of all appendices. The Licensee(s) shall promptly provide copies of the records of changes and current versions to the department upon request.

B.4 License Reapplication.
In consideration of the completeness requirements in s. NR 670.010(3), Wis. Adm. Code, and supplemental information to meet technical adequacy, the Licensee(s) shall submit the license renewal application at least twenty-four (24) months prior to the expiration date of the License, for department review, comment, and identification/review of supplemental information to develop a complete and technically adequate FPOR, unless permission for a later date has been granted by the department. The department shall invoice the Licensee(s) in accordance with the document review fees specified in ch. NR 670, Appendix II, Wis. Adm. Code to cover the department's review costs. Supplemental document review fees shall be assessed in accordance with ch. NR 670, Appendix II, Wis. Adm. Code. If the Licensee(s) fails to submit a complete and timely application, the Licensee(s) will be considered not in compliance with the conditions of the License, and the department may take action as described in s. NR 670.051(3), Wis. Adm. Code, including issuance of a renewed operating license with appropriate conditions.

B.5 Complete Renewal Application.
To be complete under s. NR 670.051(1), Wis. Adm. Code, an application shall include all of the information identified in s. NR 670.013 and applicable requirements in ss. NR 670.014 to 670.029, Wis. Adm. Code. The application will not be deemed technically adequate until any relevant supplemental information identified by the department is submitted by the Licensee. Such supplemental information includes, but is not limited to, information identified by the department in a call-in letter that establishes the application due date in accordance with s. NR 670.001(2), Wis. Adm. Code, unless the application explains why the information is not applicable. Notwithstanding ss. 289.24(3), 289.26(5), 289.29(4), and 289.30(6), Wis. Stats., if the department determines a complete application is submitted, the conditions of an expired operating license continue in force until the department issues a final determination and any appeal period is exhausted.

B.6 Improvements Consideration.
Any application for a License renewal must consider improvements in the state of control and measurement technology, as well as changes in applicable regulations.

C. Storage and Handling

C.1 Licensed Storage Units Authorized by this Approval.
Licensee(s) shall store hazardous waste only in the units identified in Table 10 unless specific exemptions or exclusions in chs. NR 600-699, Wis. Adm. Code, apply. Licensee(s) shall not store hazardous waste in greater quantities than those identified below. For the purposes of this condition, "gallons" shall refer to the capacity of all containers, independent of the volume of the actual hazardous waste contents within any container.

Table 10. Licensed Storage Units Authorized by this Approval

Activity Type	Unit ID	Unit Type	Unit Description	Maximum Storage (gallons unless otherwise noted)	Maximum Storage (55-gal Equivalents)
Storage	Area 1	Container	North Drum Storage Warehouse	39,600	720
Storage	Area 2	Container	2007 Warehouse Addition	27,060	492
Storage	Area 3	Container	2014 Enclosure Building	11,880	216
Storage	Area 4	Container	2009 Lab Pack Building	18,975	345
Storage	Area 5	Container	2017 West Warehouse	45,995	836
Storage	Facility Total	Container	Total	143,510	2,609

C.2 Use of Licensed Storage Units.
Licensee(s) shall not place Waste or material into the licensed units if the Waste or material may cause the licensed unit, ancillary equipment, or the containment structure to rupture, leak, corrode, overflow or otherwise fail.

C.3 Transportation To/From Facility.
Containers of hazardous waste not in the Normal Course of Transportation shall be stored within a licensed storage area.

C.4 Hazardous Waste Acceptance.
Unless otherwise specified in the Approved FPOR, within twenty-four (24) hours of the arrival of hazardous waste from off-site that will be stored in a licensed storage unit, Licensee(s) shall confirm the hazardous waste matches

the waste information profile (WIP) and affix appropriate labels. This time limit shall apply for all days, including holidays, weekends, or any other times when the Facility or licensed units may not be in active or normal operating status. This time limit may be extended only as explicitly allowed by this Approval or if otherwise approved by the department. If proper implementation of the approved Waste Analysis Plan (WAP) warrants an extension to this period, the container shall be:

a. Clearly labelled with the word "Quarantined", the date of arrival at the Facility, and a unique tracking number that can be used to quickly identify the manifest number, manifest line number, and the WIP number
b. Safely isolated and contained in a safe and secure location within a licensed storage area designated for quarantined containers in the Approved FPOR.
c. Stored in quarantine for no longer than fourteen (14) calendar days unless approved by the department in writing.

C.5 Outbound Containers.

Containers placed in the staging area designated in the Approved FPOR to prepare them for outbound shipment to another facility shall remain in the staging area for no more than forty-eight (48) hours, unless the staging area is within a licensed storage unit. These containers shall be properly packaged, labelled, maintained with adequate aisle space to allow for inspection and emergency response, and shall be segregated from other containers such as arriving containers.

C.6 Inventory System.

The identity, location, and quantity of all stored hazardous waste shall be known and recorded using an inventory system following Receipt of the Waste and throughout the entire storage period. Quantities for containers shall be the container capacity and not the actual or estimated contents within the container. The Facility's inventory system shall be maintained so that its information is up to date. For each hazardous waste storage unit, Licensee(s) shall be able to create and provide, when requested by the department, reports from the system that identify the following information for any day within the previous 3 years:

a. Hazardous waste quantities (total and by container, in gallons).
b. Non-hazardous waste quantities (total and by container, in gallons).
c. Non-waste containers in the licensed storage area, such as qualifying hazardous secondary materials or continued use material (total and by container, in gallons).
d. Total quantities (total and by container, in gallons).
e. For each container, the unique waste inventory number that can be used to identify the manifest number, manifest line number, and the waste approval packet number.

C.7 Demarcated Storage Areas.

Lines shall be clearly marked (e.g., painted), and maintained by repainting every 6 months to be visible, on the floor of the licensed container storage area, to distinguish the location of containers in storage from the aisles and as presented in Attachment R, Appendix R-5 of the Approved FPOR. Containers and pallets shall be stored within the lines and not infringe on any aisle space. This condition does not apply to temporarily staged containers stored in accordance with applicable conditions of this License.

C.8 Visibility and Access.

Sufficient lighting and access shall be maintained in all storage areas to allow for inspection of the storage area, containers, container labels and markings, tanks, ancillary equipment, and all portions of secondary containment structures.

C.9 Warning Signs and Labels.
Readily visible warning signs, labels and/or placards shall be posted within the building structure as necessary to effectively warn personnel and emergency responders of the hazards (e.g., ignitability, reactivity corrosivity, hazards requiring DOT labels) of the contents of stored containers.

C.10 Container Stability.
Licensee(s) shall only store or stack containers in a stable manner so that the containers are secure, upright, and do not lean or tip. Containers with capacity of 55-gallons or greater shall be stacked no more than two (2) high and be secured against movement and leaning due to the force of gravity, or storage activity and traffic. All containers and pallets shall remain stable and of sound integrity.

C.11 Container Integrity.
Licensee(s) shall store Waste in structurally sound and non-leaking containers that meet the applicable requirements specified in 49 CFR part 178—Specifications for Packaging. Containers shall be compatible with the Waste materials stored. Containers shall not have defects (including, but not limited to, signs of past leakage, corrosion, pitting, signs of collapse or bulging, severe scratching, severe rust, punctures, severe dents, damage to the rolling hoops or reinforcement rings or chimes, or risk of leaning/tipping) that present a risk to the structural and containment integrity of the container, or any other container stacked or located above, below, or near the container. If during or following Receipt, a container is found to be damaged and/or incompatible with the material stored, as soon as practicable, but no later than 8 hours after discovery, the Licensee(s) shall:

a. Place the container into an overpack container; or
b. Transfer the contents of the container to a container of good integrity.

C.12 Floor Separation.
All Waste containers shall be stored on pallets or an equivalent method such as use of an intermediate bulk container or tote designed with floor separation to effectively separate them from the floor and any residue that may accumulate on the floor near the containers. All pallets and similar devices shall remain stable and of sound integrity and shall be capable of safely supporting containers in a stable manner while in-place and while being moved.

C.13 Closed Containers.
Containers shall be closed except for the length of time needed to inspect, sample, and add or remove waste.

C.14 Hazardous Waste Container Labeling.
Containers shall be placed in the licensed storage areas so that containers labels are readily visible from the aisle. When elevated above eye-level, containers and labels must be made visible and legible from ground level or through easy and safe use of a ladder, scaffold, or other mechanism that is readily available at all times. At a minimum, the label shall meet the requirements of s. NR 668.50(1)(b)1, Wis Adm. Code, and include:

a. Date of accumulation, or date of receipt for offsite waste,
b. A unique tracking number that can be used to quickly identify the manifest number, manifest line number, and the waste information profile (WIP) number,
c. USEPA hazardous waste codes,
d. The words “Hazardous Waste”,
e. Indication of hazards of the contents.

C.15 Waste in or Near Licensed Units.
All Waste Received from off-site that is placed in or near a licensed hazardous waste unit shall:

a. Be authorized in accordance with chs. NR 500-599, Wis. Adm. Code, ch. NR 157, Wis. Adm. Code, and ch. 289, Wis. Stats., as applicable.
b. Be analyzed and evaluated in conformance with the approved WAP,
c. Be handled, stored, and managed, in the same manner as required for hazardous waste;

d. Be in containers clearly labeled with the words "Non-hazardous Waste", indication of hazards of the contents, and unique tracking number that can be used to quickly identify the shipping paper, and the waste information profile (WIP) number; and

C.16 Waste Outside Licensed Units.
For all Waste managed at the Facility outside of licensed units, the Licensee(s) shall:

a. Be authorized in accordance with chs. NR 500-599, Wis. Adm. Code, ch. NR 157, Wis. Adm. Code, and ch. 289, Wis. Stats., as applicable;
b. Label the containers in a manner that can be used to promptly identify the waste stream name, generator, waste characterization information, and shipping paper;
c. Maintain waste characterization records that demonstrate that the Waste is non-hazardous and retain these records in the operating record;
d. Use shipping papers required in 49 CFR 172.200, for Wastes that are hazardous materials;
e. Use a shipping paper that identifies the generator and address, transporter name, waste description, container count, container type, and quantity;
f. Record the date that the Waste entered and left the Facility in the operating record;
g. Manage the Waste only in areas specified, and the manner described, in the License;
h. Take precautions necessary to ensure that Wastes handled in the Facility do not present a threat to the environment, human health, and the materials stored in the licensed units; and
i. Take precautions necessary to ensure that other activities at the Facility do not pose any risk to the safe handling of these Wastes.

C.17 VSQG Hazardous Waste.
Once Received at the Facility, the Licensee(s) shall manage hazardous waste generated by very small quantity generators (VSQG) in accordance with the requirements under ch. NR 664, Wis. Adm. Code, and the conditions of this Approval.

C.18 Household Hazardous Waste.
Once received at the Facility, the Licensee(s) shall manage household hazardous waste (HHW) in accordance with the approved FPOR and requirements under ch. NR 664, Wis. Adm. Code, or subch. HH of ch. NR 666, Wis. Adm. Code when acting as a permanent collection facility.

C.19 Reserved.

C.20 Reactive and Ignitable Waste Restriction.
No reactive or ignitable hazardous waste shall be stored in Area 2 or Area 4.

D. Processing, Treatment, and Recycling

D.1 Licensed Treatment Authorized by this Approval.
Licensee(s) shall treat hazardous waste only in the units identified in Table 11 below unless specific exemptions or exclusions in chs. NR 600-699, Wis. Adm. Code apply. Licensee(s) shall not treat hazardous waste in greater quantities than those identified in Table 11 below.

Table 11 Licensed Treatment Units Authorized by this Approval

Activity Type	Unit ID	Unit Type	Unit Description	Maximum Capacity gpd
Treatment	Area 1/Area 3	Container	Fuel Blending	6,000

D.2 Processing Activities.
Hazardous waste processing, defined herein to mean when the contents of a container or tank are added to a different container or tank, or combined with other wastes or materials, or are otherwise treated in a manner that does not require a treatment license, shall be limited to the processes and areas identified in the FPOR. Within one (1) month of the date of this Approval, the Licensee(s) shall submit a revised Appendix R-5 in Attachment R of the FPOR to include the location of existing processing units, including but not limited to the drum crusher and elementary neutralization unit.

D.3 Reserved.

D.4 Bulking.
For any container of Wastes resulting from consolidation or bulking of Wastes from other containers, the Licensee(s) shall:

a. Mark the container used for consolidation with the accumulation date of the earliest container Received that will be bulked;
b. Indicate on the hazardous waste manifest, prepared for sending Waste off site, up to six waste codes applicable to the hazardous waste(s), in accordance with manifest instructions.
c. Maintain a complete listing of all applicable hazardous waste codes for each container used for consolidation in the operating record and make available to the department upon request.

D.5 Empty Containers.
Licensee(s) shall manage containers meeting the criteria for empty in s. NR 661.0007, Wis. Adm. Code in a manner that prevents releases of any remaining Waste residues from the container into the environment. Residues from empty containers are subject to waste determination requirements and if found to be a hazardous waste are subject to ch. NR 662, Wis. Adm. Code requirements.

D.6 Manifest Management Method Codes.
Other than Management Method Code H141[6] or a code beginning with "S" indicating storage and transfer off-site, the Licensee(s) shall only enter in Item 19 of the universal hazardous waste manifest as described in Condition A.23 or in Item 36 of the continuation sheet the management method codes listed in Table 12.

Table 12. Management Method Codes

Code	Management Method Code Description
H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)

D.7 Drum Crusher Unit.
Licensee(s) shall only crush containers meeting the definition of empty in accordance with s. NR 661.0007(2), Wis. Adm. Code, in the drum crusher unit. When operating the drum crusher unit, the Licensee(s) shall perform daily inspections of the drum crusher unit and crushed drum handling or storage areas to ensure residues are contained. These inspections shall be documented and maintained in the operating record.

E. Tank Systems - Reserved

F. Preparedness and Prevention

[6] Management Method Code H141 will be deprecated after the 2025 Biennial Report Cycle. The H141 code may be reported for the 2025 Biennial Report Cycle, but if known, the appropriate "S" code should be used instead.

F.1 Contingency Plan.
Licensee(s) shall have and maintain a written Contingency Plan for the Facility to minimize hazards to human health or the environment from fires, explosions, or any release of hazardous waste or hazardous waste constituents to air, soil, or surface water. The Licensee(s) shall take prompt action to respond whenever there is a fire, explosion, or any release of hazardous waste or constituents that could threaten human health or the environment.

F.2 Required Aisle Space.
Licensee(s) shall meet the following requirements:

a. Aisle space for licensed storage shall be at least 2.5 feet per the figure in Attachment R, Appendix R-5 of the FPOR for Areas 1, 2, 4, and 5. If the Licensee(s) needs to change the configuration of Areas 1, 2, 4, and 5 of the Facility from what is described in Attachment R, Appendix R-5 of the Approved FPOR, the Licensee(s) must submit a request for a License modification in accordance with s. NR 670.042, Wis. Adm. Code.
b. Within one (1) month of the date of this Approval, the Licensee(s) shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code demonstrating the container configuration for Area 3 in Attachment R, Appendix R-5, maintains appropriate aisle space for licensed storage between containers and walls.
c. The Licensee shall update aisle space requirements, as needed, to ensure sufficient aisle space shall be maintained in storage and staging areas:
    i. to inspect each container;
    ii. to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment and decontamination equipment to any area of the Facility operation in the event of an emergency; and
    iii. in a manner consistent with the arrangements with local authorities required in s. NR 664.0037, Wis. Adm. Code.

F.3 Arrangements with Local Authorities.
Within twelve (12) months of the date of this Approval, the Licensee(s) shall:

a. Make arrangements to familiarize police, fire departments, and emergency response teams with the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility and possible evacuation routes. The Licensee(s) may demonstrate compliance with this requirement through other Federal, state or local exercise requirements (such as those required under 40 CFR 68.93), provided the arrangements meet the requirements of this condition.
b. Make arrangements to familiarize local hospitals with the properties of hazardous waste handled at the Facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the Facility. The Licensee(s) may demonstrate compliance with this requirement through other Federal, state or local requirements (such as those required under 40 CFR 68.93), provided the arrangements meet the requirements of this condition.
c. Establish agreements designating primary emergency authority to specific police and a specific fire department and agreements with any other police or fire departments to provide support to the primary emergency authority (where more than one police and fire department might respond to an emergency).
d. Establish agreements with State emergency response teams, State Emergency Response Commissions (SERCs), Local Emergency Planning Committees (LEPCs), emergency response contractors, and equipment suppliers; and
e. Regarding the arrangements and agreements in (a) through (d), maintain documentation of correspondence and agreements within the operating record and submit documentation to the department

identifying participating and declining entities, describing concerns identified by entities, and recommendations for improvement, if applicable.

f. Request a license modification in accordance with s. NR 670.042(4)(a), Wis. Adm. Code for the contingency plan in the Approved FPOR to reflect changes that result from these arrangements.

F.4 Management of Class B Firefighting Foam.
When testing systems using Class B firefighting foam that contains an intentionally added perfluoroalkyl or polyfluoroalkyl substance (PFAs), Licensee(s) shall establish appropriate containment, storage, treatment, and disposal measures, as applicable, consistent with ch. NR 159, Wis. Adm. Code.

G. Compatibility

G.1 Combining Waste.
Licensee(s) shall only combine Wastes with other Wastes or materials that are compatible. Waste shall not be commingled with another Waste or material if the commingling might produce heat or pressure, fire or explosion, violent reaction, toxic dusts, mists, fumes, or gases, or flammable fumes or gases. Wastes shall be separated and handled in such a way to prevent any spilled or leaked Waste from comingling with another Waste or material if the commingling might produce heat or pressure, fire or explosion, violent reaction, toxic dusts, mists, fumes, or gases, or flammable fumes or gases.

G.2 Corrosion.
Licensee(s) shall not place Waste in any container, tank, or other unit or location where it may cause corrosion or degradation of containment material (e.g., container inner liners or tank walls).

G.3 Primary Hazard Segregation.
At a minimum, containers shall be segregated as specified by the DOT Segregation Table found in 49 CFR § 177.848. Additionally, acids and bases shall be separated to prevent incompatibility issues. For the purposes of Section G of this Approval, separation means physically isolated to prevent commingling in the case of spillage or leakage by means of a dike, berm, wall or other device (e.g., containment pallet) or separated by sufficient distance. In lieu of a physical barrier to prevent commingling, sufficient distance shall be at least 20 feet unless otherwise approved by the department.

G.4 Subsidiary Hazard Segregation.
When the 49 CFR 172.101 Table or 49 CFR 172.402 requires a subsidiary hazard label, segregation appropriate to the subsidiary hazard must be applied when that segregation is more restrictive than that required by the primary hazard.

G.5 Waste Division 4.2 Materials and Waste Class 8 Liquids.
Licensee(s) may not store DOT Hazard Class 8 Corrosive Liquids in the same container storage area as Wastes designated as DOT Hazard Division 4.2 Spontaneously Combustible. In accordance with 49 CFR 173.12(e)(3), lab packs, as defined in Appendix C of the FPOR, are not subject to this condition if packaged in accordance with 49 CFR 173.12(b) and separated from incompatibles.

G.6 Waste Division 6.1 Packing Group I, Hazard Zone A.
Licensee(s) may not accept for storage any DOT Hazard Class 6.1 Poisonous Liquid PG 1 Zone A onsite at any time. In accordance with 49 CFR 173.12(e)(4), lab packs, as defined in Appendix C of the FPOR, are not subject to this condition if packaged in accordance with 49 CFR §173.226(c), overpacked in a UN standard steel or plastic drum meeting the Packing Group I performance level, and separated from incompatibles.

G.7 Waste Division 2.3, Hazard Zone A.
Licensee(s) may not store any DOT Hazard Class 2.3 Poisonous Gas Zone A onsite at any time.

H. Transfer Facility

H.1 Notification of Transfer Facility.
Prior to the Facility operating as a hazardous waste transfer facility (as referenced in s. NR 663.12, Wis Adm. Code), the Licensee(s) shall submit an updated USEPA Site Identification Form (8700-12) which must be approved through a license modification request in accordance with s. NR 670.042, Wis. Adm. Code to the Department's Designated Hazardous Waste Plan Review Staff.

H.2 Reserved.

H.3 Reserved

I. Inspection

I.1 Inspection Documentation.
All observations and inspections required by ch. NR 664 and ch. NR 670, Wis. Adm. Code, the FPOR, and the conditions of this Approval shall be documented. This documentation shall be legible and identify the inspector, the date and time of, and results of these observations and inspection activities. Documentation shall be maintained in the operating record for at least 3 years.

I.2 Identified Deficiencies.
All deficiencies identified during these required observations, inspections, or monitoring activities shall be identified and documented on the inspection form. For any deficiency identified on the inspection form, the completion date and description of remedial or corrective action(s) such as repairs or replacement shall be recorded or referenced on the inspection form in a manner that such action(s) can be associated with the noted deficiency on the inspection form.

J. Training

J.1 Training Program.
All Facility personnel shall successfully complete a comprehensive training program that teaches them to perform their activities in a way that ensures the Facility's compliance with applicable requirements of chs. NR 600 through 699, Wis. Adm. Code and the conditions of this Approval, and to operate or maintain the Facility in a safe manner. Training shall occur at least annually, or as frequently as needed to meet this requirement. At a minimum, the training program shall be designed to ensure that Facility personnel, visitors, contractors, vendors, temporary workers, and transportation workers are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment and emergency systems. The training program shall also address, but is not limited to, Facility personnel, visitors, contractors, vendors, temporary workers, and transportation workers that perform tasks relating to, or that could affect, Waste acceptance, storage, treatment, handling, or recordkeeping, or that execute, monitor, or supervise activities described in the Approved FPOR. Personnel shall not perform such a task without supervision until they are fully trained for that task. Training shall include:

a. Facility inspections described in the Approved FPOR
b. Correction of deficiencies (such as repairs) noted in inspections
c. Collection and analysis of Waste samples, including but not limited to collection of representative samples and sample testing methodologies
d. Waste information profile (WIP) pre-acceptance reviews/approvals

e. Inbound Waste and container evaluation/acceptance
f. The decision to accept or reject a Waste, and administrative, laboratory and receiving personnel activities that support these decisions
g. Container inspections and labelling
h. Inbound and outbound container handling
i. Air emissions monitoring and controls
j. Preparedness and prevention planning and actions
k. Emergency response activities and contingency plan implementation
l. Identification and handling of ignitable, reactive and/or incompatible wastes
m. Manifest and shipping paper review and acceptance/approval
n. Communication with generators regarding waste discrepancies
o. Spill prevention actions and response

J.2 Training Accommodations.
Facility personnel shall be provided applicable accommodations to be successfully trained in accordance with the License and the applicable requirements of chs. NR 600 through 699, Wis. Adm. Code. For the purposes of this condition, the term accommodation means modifications to the learning environment or procedures that provide individuals with equal access to training content and the ability to demonstrate their knowledge.

J.3 Prerequisite Qualifications.
All personnel shall have necessary prerequisite qualifications to properly execute the tasks they undertake that are needed to ensure the Facility's compliance with the License and applicable requirements of chs. NR 600 through 699, Wis. Adm. Code to operate or maintain the Facility in a safe manner.

J.4 Training Documentation.
All records documenting qualifications and training program content and completion shall be maintained as part of the operating record for at least 3 years, or longer if required by s. NR 664.0016(5), Wis. Adm. Code.

J.5 Training Plan Updates.
Within six (6) months of the date of this Approval, the Licensee shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code to amend the training plan contained in Attachment H of the FPOR to clearly include the following elements:

a. The tabular matrix in Appendix 1 of this Approval that, for each personnel category, identifies the required training modules and minimum reoccurrence frequency. Modules listed are based upon information submitted to the department by the Licensee(s). For training modules not used to demonstrate compliance with this Approval, simply delete rows or leave blank.
b. For each required training module in Appendix 1, a description of the contents and type (whether classroom instruction, procedure review, online course, or on-the-job training), how comprehension is confirmed/documented, and description of trainer credentials.
c. Identification of which training modules address, at a minimum, the activities identified in Condition J.1.a through J.1.o.

K. Secondary Containment

K.1 Secondary Containment.
The secondary containment systems shall be operated and maintained to prevent any migration of hazardous constituents, or accumulated liquids and/or other materials, out of the system. Cracking, settlement, or heaving of the secondary containment shall be promptly repaired to ensure that an impervious surface is in place. Areas used for staging, storing, handling, loading and/or unloading containers, and areas used for loading and unloading tank systems, shall provide sufficient secondary containment to prevent the discharge of Waste (and any other material

mixed with the Waste, such as precipitation) into the soil, surface water, or groundwater that could be created due to a spill or release.

K.2 Leak Detection.
Secondary containment systems shall be designed, operated and maintained such that spills and accumulated liquids and/or other materials are contained, and can be readily detected by visual means during inspections. This shall include but not be limited to systems such as vaults, sumps, manholes, and secondary containment areas covered by grates or other covers.

K.3 Impervious Surface.
Secondary containment surfaces and joints shall be sealed with a chemically resistant and durable sealant material to establish an impervious surface. Penetrations, cracks, fissures, gouges, gaps, scrapes, excessive wear and tear, and other defects in the sealant material shall be promptly repaired and resealed to maintain an impervious surface.

K.4 Free of Debris.
The secondary containment systems shall be kept free of debris that could hinder inspections, reduce containment capacity, or create safety or environmental hazards related to the system.

K.5 Precipitation.
Accumulated rain, snow, and ice shall be removed from the secondary containment systems for outdoor container loading and/or unloading including Dock #1 and Dock #4 as soon as practicable, and as required to maintain compliance with s. NR 664.0175(2), Wis. Adm. Code or s. NR 664.0193(5), Wis. Adm. Code.

K.6 Secondary Containment Capacity.
Licensee(s) shall maintain secondary containment capacity for licensed units that is equal to or exceeds the combined volume of:

a. 10% of the volumetric capacity of all vessels or the volumetric capacity of the largest container, whichever is greater; for the purposes of this condition, "vessel" means any Waste or non-Waste container, tank or other device holding a free liquid;
b. Precipitation from the 24-hour, 25-year storm event for outdoor areas; and
c. Displacement volume of any materials or equipment within the secondary containment footprint.

K.7 Loading, Unloading, or Transferring Waste.
When removing or transferring Waste from a container or tank, the container or tank, receiving unit, and all associated equipment (such as pumps, conveyance mechanisms, hoses, and piping) shall be stationed within an area that provides effective secondary containment for any leaked or spilled Waste.

K.8 Containment of Firefighting Foam.
Licensee(s) shall provide additional containment capability as may be needed to meet the requirements of s. NR 159.07, Wis. Adm. Code, regarding Class B Firefighting Foam.

K.10 Maximum Container Volume for Area 2, Section B.
The Licensee may not store a container with a capacity exceeding 3,000-gal in Area 2, Section B.

K.11 Run-on Management for Secondary Containment.
Within eight (8) months of the date of this Approval, the Licensee(s) shall submit a license modification request consistent with s. NR 670.042(4)(a), Wis. Adm. Code to incorporate into the FPOR a procedure for containing, evaluating, and managing run-on, including precipitation and spills, in the following areas:

a. Dock #1 containment sump, and

b. Dock #4 secondary containment.

L. Air Emissions

L.1 Reserved.

L.2 Reserved

L.3 Subchapter BB Equipment.
The Licensee(s) shall not own or operate equipment that contains or contacts hazardous wastes with organic concentrations of at least 10% by weight without obtaining approval by the department through a license modification request in accordance with s. NR 670.042, Wis. Adm. Code.

L.4 Reserved.

L.5 Subchapter CC Container Inspection.
The Licensee(s) shall visually inspect the containers and potential leak interface areas of each container used to store hazardous waste subject to subch. CC of ch. NR 664, Wis. Adm. Code within 24 hours of Receipt at the Facility.

L.6 Subchapter CC Container Level 2 Transfers.
Licensee(s) shall transfer hazardous waste in or out of a container subject to subch. CC of ch. NR 664, Wis. Adm. Code, in such a manner as to minimize exposure of the hazardous waste to the atmosphere. Within one (1) month of the date of this Approval, the Licensee(s) shall submit a license modification request in accordance with s. NR 670.042(4), Wis. Adm. Code to include a container loading procedure to describe within the Approved FPOR how releases to the atmosphere will be minimized during transfer of hazardous waste in or out of a container subject to subch. CC of ch. NR 664, Wis. Adm. Code.

L.7 Subchapter BB and CC Documentation.
Licensee(s) shall maintain in the operating record documentation of applicable tests used to comply with the air emissions standards, visual inspections and monitoring, organic vapor determinations, and other documentation demonstrating compliance with subchs. NR 664 BB, and CC, Wis. Adm. Code.

M. Waste Analysis Plan and Waste Acceptance

M.1 Waste Analysis Plan.
Licensee(s) shall meet the following requirements:

a. Licensee(s) shall comply with the Waste Analysis Plan (WAP) included in the Approved FPOR and all conditions in this Section M.
b. Within two (2) months of the date of this Approval, the Licensee(s) shall submit a clean copy of the September 2024 WAP in Attachment C of the Approved FPOR with all tracked changes accepted and accurate cross references as a class 1 license modification request.
c. As part of the license renewal application due to the department at least 24 months before the expiration date of the License, the Licensee(s) shall submit a revised WAP that follows the instructions and addresses each section included in the department's WAP Template Version 3, dated September 30, 2025, unless otherwise approved by the department.

M.2 Waste Information Profile.
Licensee(s) shall obtain, review, and approve a Waste Information Profile (WIP) completed and certified by the generator or generator's authorized agent for Waste onsite, unless managed in accordance with s. NR 663.12, Wis. Adm. Code. The WIP shall contain information needed to properly manage the waste in accordance with the requirements of chs. NR 664 and NR 668, Wis. Adm. Code, and this Approval, including, but not limited to, the waste information identified in Condition M.14.

M.3 WIP Based on Generator Knowledge.
For any Waste Information Profile (WIP) approved in part or in whole on the basis of acceptable knowledge provided by the generator, as referenced in s. NR 662.011(3), Wis. Adm. Code, the Licensee(s) shall ensure that the information has been reviewed by a properly trained, qualified, and competent individual and determined to be valid, accurate, and sufficient for making the required waste determination.

M.4 WIP Approval.
Licensee(s) may only approve a WIP after review by a properly qualified, trained, and competent person concludes thathe information presented in, or provided in support of, the WIP has been presented in a logical way that supports the generator's, or (if applicable) authorized agent's, waste determination made in accordance with s. NR 662.011, Wis. Adm. Code, includes all the information which must be known to treat, store or dispose of the waste according to ch. NR 664, Wis. Adm. Code and ch. NR 668 Wis. Adm. Code, and has been adequately documented. The WIP review and approval process shall be repeated, at a minimum, when any of the following occur:

a. The Licensee(s) is notified, or has reason to believe, the process or operation generating the Waste has changed.
b. The results of the inspection indicate a manifest discrepancy and/or WIP Discrepancy.
c. The time since the date of the WIP approval has exceeded 3 years, or 5 years for sample-exempt materials.

M.5 Acting as Co-Generator.
For Waste Received from offsite in which the Licensee(s) actions constitute that of the generator (i.e., co-generators[7]) as defined in s. NR 660.10(50), Wis. Adm. Code, the Licensee(s) shall ensure the hazardous waste determination and recordkeeping requirements in accordance with s NR 662.011, Wis. Adm. Code are met.

M.6 Incoming Container Evaluation.
For each Waste container delivered to the Facility, the Licensee(s) shall:

a. Check the condition of each container and the type of container used for that Waste and verify that the container is U.S. Department of Transportation (DOT) approved. If not in a U.S. DOT approved container, the Waste shall be repackaged into an approved U.S. DOT container.
b. Check to confirm that the container is not leaking, stable, properly closed, and meets U.S. DOT standards.
c. Assign a unique container number, traceable to the Waste's corresponding WIP, to each container using the Facility's tracking system. A durable, legible label bearing this unique number is affixed to the container to ensure traceability.
d. Ensure that the container meets the marking requirements of s. NR 668.50(1)(b)1 Wis. Adm. Code (e.g., dating, marked as "Hazardous Waste", USEPA hazardous waste numbers, and hazard identification). When multiple hazardous waste codes apply which cannot be listed on a label, the Licensee(s) shall maintain all applicable waste codes within the operating record.

[7] Co-generation is articulated in the October 30, 1980, federal register (45 FR 72026-27) and in the following EPA guidance documents: RO 11005, RO 11372, RO 11816, RO 12661, and RO 14027.

M.7 Acceptance or Rejection.

For Waste delivered to the Facility, the Licensee(s) shall:

a. Review the WIP, shipping paper, and LDR for accuracy and completeness.
b. Review the WIP, shipping paper, and LDR for discrepancies between tthese records.
c. Verify that each container type, size, unit weight/volume, and count is consistent with the information in the shipping paper.
d. Review all container labels and markings for accuracy and consistency with the WIP and shipping paper.
e. Sign the shipping paper to indicate acceptance or rejection.

M.8 Physical Evaluation.

For each Waste Stream within a Waste Movement delivered to the Facility, the Licensee(s) shall:

a. Open and inspect the contents of 10% of Waste containers to perform a physical evaluation using ASTM D4979-08, unless the Waste is exempt from physical evaluation.
b. Wastes exempt from physical evaluation include the following:
    i. DOT Hazard class 2.1 Flammable gas as defined in 49 CFR 173.115
    ii. DOT Hazard class 2.2 Non-flammable, nonpoisonous compressed gas as defined in 49 CFR 173.115
    iii. DOT Hazard class 2.3 Gas poisonous by inhalation as defined in 49 CFR 173.115
    iv. DOT Hazard class 4.1 Flammable solid, packing group I or II as defined in 49 CFR 173.124
    v. DOT Hazard class 4.2 Spontaneously combustible material as defined in 49 CFR 173.124
    vi. DOT Hazard class 4.3 Dangerous when wet as defined in 49 CFR 173.124
    vii. DOT Hazard class 5.2. Organic peroxide as defined in 49 CFR 173.128
    viii. DOT Hazard class 6.1 Poison/Toxic material as defined in 49 CFR 173.132
    ix. Acutely hazardous wastes from discarded commercial chemical products as listed in s. NR 661.0033(5), Wis. Adm. Code
    x. Additional Wastes approved by the department as a license modification request. The demonstration and license modification request for inclusion as a waste exempt from physical evaluation shall be submitted as a class 1-1 license modification request for department review and approval.
c. Compare the results of the inspection to the Waste's WIP. If the results indicate a manifest discrepancy or WIP Discrepancy, then the Waste shall be placed in a safe and secure location within a licensed storage area and clearly labelled with the word "Quarantined" until any discrepancy is resolved.

M.9 Sampling, Review of Waste Analysis and WIP.

For each Waste Stream within a Waste Movement delivered to the Facility, the Licensee(s) shall:

a. Collect a representative sample from a minimum of 10% of Waste containers, unless the Waste is sample exempt.
b. Sample exempt Waste includes the following:
    i. Household hazardous waste as defined by s. NR 661.0004(2)(a), Wis. Adm. Code, that are in their original container.
    ii. Empty hazardous waste containers as defined in s. NR 661.0007, Wis. Adm. Code.
    iii. Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof as defined under s. NR 661.0033(1) to (6), Wis. Adm. Code.
    iv. Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof that are not defined under s. NR 661.0033(1) to (6), Wis. Adm. Code, and are in their original container including, but not limited to, aerosol cans, gas cylinders, propane cylinders, liquified gas, paints, pharmaceuticals as defined by s. NR 666.500(9), Wis. Adm. Code.
    v. Manufactured articles defined as a device that is designed for a purpose other than to access the chemicals that are present within the device, including video monitors, batteries, lamps, thermometers, hydraulic equipment, computers, cell phones, etc.

vi. Lab packs as defined in the approved WAP in Attachment C of the FPOR.
vii. Contaminated environmental media (e.g., soil, groundwater) when the contamination is due to a release of a known chemical substance, commercial product, or waste, as established in the approved WIP.
viii. Debris as defined by s. NR 668.02(7), Wis. Adm. Code.
ix. Contaminated personal protective equipment (PPE).
x. Asbestos-containing material received and packaged in accordance with asbestos regulations (e.g. wetted down, double bagged, and sealed).
xi. Universal wastes as defined in s. NR 673.09(11), Wis. Adm. Code.
xii. Sharps as defined in s. NR 500.03(209), Wis. Adm. Code
xiii. Wastes accepted from another RCRA-permitted Tradebe facility for which sampling and analytical data compliant with the approved WAP and this Approval has been established. Documentation demonstrating this compliance must be obtained prior to acceptance and maintained in the operating record.
xiv. Wastes exempt from physical evaluation as defined in Condition M.8 Physical Evaluation.
xv. Additional Wastes approved by the department as a license modification request. The demonstration and license modification request for inclusion as a sample exempt Waste shall be submitted as a class 1-1 license modification request for department review and approval.

c. Perform, on each representative sample collected, the analyses as identified in Table 13 and Table 14 that are needed to confirm that the Waste matches the WIP. Samples from multiple generators may not be composited for the analyses identified in Table 13 and Table 14.

Table 13. Analytical Evaluation of Waste

Parameter	Analytical Method	When to Analyze the Representative Sample
pH	SW-846 9041A	All containers of aqueous waste.
Flammability potential screen and/or Flash Point	ASTM D4982-20 SW-846 1010B, SW-846 1020C, ASTM D93-79, ASTM D93-90, ASTM D3278-78, ASTM D8174-18, ASTM D8175-18	All containers of organic waste not identified as a D001.
Oxidizer screen	ASTM D4981-19	All containers of waste not identified as a D001 for oxidizers.
Sulfides screen	ASTM D4978-95	All containers of waste not identified as a D003 for sulfides when the generator uses sulfur-containing compounds.
Cyanides screen	ASTM D5049-90	All containers of waste not identified as a D003 for cyanides when the generator uses cyanide containing compounds or can create cyanides.
Water Reactivity	In-house method	All containers of wastes to be consolidated, including wastes to be fuel blended.
Compatibility Testing	ASTM D5058-12	All containers of wastes to be consolidated, including wastes to be fuel blended, in which water reactivity demonstrated compatibility.

Table 14. Analytical Evaluation of Waste – Additional Parameters for Fuel Blending

Parameter	Analytical Method	When to Analyze the Representative Sample
Moisture Content	SW-846 9000, ASTM D5530-22	Prior to fuel blending.
Heat of Combustion	ASTM D240-19	Prior to and after fuel blending.
Total Organic Carbon	SW-846 Method 9060A	Prior to fuel blending for Metal Bearing Waste (subject to 40 CFR 268.3(c)) destined for Fuel Blending with heat content less than 5,000 BTU/lb.
Polychlorinated Biphenyls (PCBs)	SW-846 8082A	Prior to fuel blending for waste that is suspected to contain PCBs (e.g. electrical oils, contaminated soil).

d. Compare the analytical results to the Waste's WIP. If the analytical results indicate a manifest discrepancy or WIP discrepancy, then the Waste shall be placed in a safe and secure location within a licensed storage area and clearly labelled with the word "Quarantined" until any discrepancy is resolved.
e. Document the onsite analysis and maintain the documentation within the operating record.

M.10 Discrepancy Resolution.

The Licensee(s) shall resolve discrepancies identified in Conditions M.8, or M.9 in a manner consistent with the procedures in the Attachment C Waste Analysis Plan of the Approved FPOR. Samples from multiple generators may not be composited for discrepancy resolution. For discrepancies that cannot be resolved within 24 hours of Receiving the Waste, the Licensee(s) shall place the Waste in a safe and secure location within a licensed storage area and clearly labelled with the word "Quarantined".

M.11 Annual Analyses and Discrepancy Report.

By March 30 of each year, the Licensee(s) shall prepare an annual analysis and discrepancy report based on the previous calendar year's activities containing the following minimum information:

a. Number and description of the resolution for the following:
    i. Manifest and Bill of Lading Discrepancies
    ii. WIP Discrepancies, including, but not limited to:
        1) The results of physical evaluations performed as required by Condition M.8 that do not match the WIP
        2) The results of waste analyses performed as required by Condition M.9 that do not match the WIP
        3) Rejected shipments
        4) Discrepancy notifications from the separate destination facility for transshipped waste where the Licensee(s) is identified on the manifest as the generator
b. A discussion of any apparent trends or commonalities.
    i. Process improvements taken or to be taken by the Facility (and the implementation schedule) to reduce the number of Discrepancies and improve the quality of the information provided by generators (such as Shipping Papers and WIP).
    ii. If process improvements are determined not to be needed, an explanation of why this was concluded.

M.12 Incompatible Wastes.

Licensee(s) shall perform appropriate analysis prior to commingling, bulking, or consolidating Waste to ensure commingling does not produce heat or pressure, fire or explosion, violent reaction, toxic dusts, mists, fumes, or gases, or flammable fumes or gases. Unless otherwise approved, this analysis shall follow ASTM D5058-12.

M.13 Laboratory Requirements.

When the Licensee(s) conducts analysis on Waste samples to support development of a WIP or waste determination, the Licensee(s) shall be certified or registered under ch. NR 149, Wis. Adm. Code, for the parameters and/or test methods used. When a parameter is required for WIP development or waste determination that is not an accredited parameter under ch. NR 149, Wis. Adm. Code, the Licensee(s) shall be certified to TNI standards to for those parameters and/or test methods used. The requirement for analysis by a certified laboratory does not apply to samples used to evaluate conformance with a WIP. The Licensee(s) shall retain records of all analytical results, analytical quality control information, and all calibration and maintenance records of laboratory instrumentation for a period of at least three (3) years from the date the waste was analyzed.

M.14 Offsite Waste Acceptance Documentation.

Licensee(s) shall maintain records for each shipment of Waste accepted from off-site. The information and records shall be cross referenced for each separate Waste accepted at the Facility so that the information is readily identifiable and promptly retrievable. The information and associated records shall be retained in the operating record for at least three (3) years from the date that the Waste that is the subject of this documentation was last sent to on-site or off-site treatment, storage, or disposal. The 3−year record retention period is automatically extended during any unresolved compliance action regarding the regulated activity or as requested by the department. The records shall include, but are not limited to, the following:

a. All information gathered from the generator (or their authorized representative) upon which Licensee(s) based its decision to accept or handle the Waste including but not limited to:
    i. Records supporting the generator's hazardous waste determination under s. NR 662.011, Wis. Adm. Code (or the equivalent information if the waste is generated outside of Wisconsin).
    ii. The waste characterization and/or waste description forms described in the approved waste analysis plan (e.g. Waste Information Profile).
    iii. Other information to describe the Waste provided by the generator or developed by Licensee(s) (such as sampling information, laboratory analytical reports, safety data sheets).
    iv. The information required by s. NR 664.0013(1), Wis. Adm. Code.
b. Information used to confirm the acceptability of the Waste after its delivery to the Facility, including but not limited to container inspection records, Waste screening records, Waste observation records, sampling information, and laboratory analytical reports.
c. For hazardous waste, any information relied on to comply with s. NR 664.0013(1)(d), Wis. Adm. Code.
d. For hazardous waste, the written notice to the generator required under s. NR 664.0012(2), Wis. Adm. Code.
e. The manifest(s) or shipping paper(s) (i.e., bill of lading).
f. Information regarding hazardous waste descriptions and hazardous waste analyses required by s. NR 664.0073(2)(c), Wis. Adm. Code.
g. Information regarding ignitable, reactive, or incompatible hazardous waste that is required by s. NR 664.0017, Wis. Adm. Code.
h. Information regarding free liquids and bulk and containerized liquids that is required by s. NR 664.0314, Wis. Adm. Code.
i. Information regarding organic concentrations that is required by s. NR 664.1063(4), Wis. Adm. Code and s. NR 664.1050(2), Wis. Adm. Code, and VO concentrations and vapor pressure required by s. 664.1082(3)(a), Wis. Adm. Code and s. NR 664.1083, Wis. Adm. Code.
j. For hazardous waste, information to determine whether equipment in contact with the hazardous waste is in heavy material service or light material service, as applied in Subchapter BB of NR 664, Wis. Adm. Code.
k. Information regarding underlying hazardous constituents and land disposal restrictions that is required by ch. NR 668, Wis. Adm. Code, including but not limited to the notices required by s. NR 668.07, Wis. Adm. Code.

l. All information or reports developed or possessed by Licensee(s) regarding Waste imports or Wastes from a foreign source, including but not limited to information related to s. NR 664.0012(1), Wis. Adm. Code and s. NR 664.0071(1)(c), Wis. Adm. Code, or subch. H of NR 662, Wis. Adm. Code.

M.15 WIP Compliance Demonstration.
Upon request by the department, the Licensee(s) shall open and inspect the contents of any container of hazardous waste and conduct verification testing, including representative sampling, in accordance with ASTM D4979-08. As part of this request, the Licensee(s) shall demonstrate to the department that the results of the inspection and analysis are consistent with, and comply with, the information documented in the approved Waste Information Profile (WIP) for that waste stream.

M.16 Waste Determination Requirements.
To comply with applicable generator waste determination requirements of s. NR 662.011, Wis. Adm. Code for wastes either generated from the operation of licensed units, or for Wastes Received from offsite, stored, and shipped to another licensed facility, the Licensee(s) may rely on acceptable knowledge information from the applicable WIP(s) provided by the original waste generator(s), where applicable. Acceptable knowledge from the generator WIP may only be relied upon after review by a properly trained, qualified and competent individual confirming that the generator has followed the waste determination requirements in s. NR 662.011, Wis. Adm. Code, to the extent applicable and feasible.

M.17 Unmanifested Waste.
If a Licensee(s) accepts for treatment, storage, or disposal any hazardous waste from an off-site source without an accompanying manifest, then the Licensee(s) must prepare an electronic Unmanifested Waste Report in the USEPA e-Manifest system for submission within 15 days after receiving the waste. The Unmanifested Waste Report must contain the following information:

a. The USEPA identification number, name and address of the Licensee(s);
b. The date the Licensee(s) Received the Waste;
c. The USEPA identification number, name and address of the generator and the transporter, if available;
d. A description and the quantity of each unmanifested hazardous waste the Licensee(s) Received;
e. The method of treatment, storage, or disposal for each hazardous waste;
f. The certification signed by the Licensee(s);
g. A brief explanation of why the waste was unmanifested, if known; and
h. Preventative actions the Licensee(s) will take to discourage future shipments of hazardous waste without a manifest.

M.18 Manifest Discrepancy.
Upon discovering a significant difference in quantity or type of Waste, the Licensee(s) must attempt to reconcile the discrepancy with the waste generator or transporter. If the discrepancy is not resolved within 20 days after receiving the waste, the Licensee(s) must immediately submit a Discrepancy Report to the USEPA e-Manifest system describing the discrepancy and attempts to reconcile it, and a copy of the manifest or shipping paper at issue.

M.19 Post-Receipt Manifest Correction.
After the Licensee(s) have certified that the manifest is complete, by signing it at the time of submission to the USEPA e-Manifest system, any post-receipt data corrections may be submitted at any time by any interested person named on the manifest. If corrections are requested by the department for portions of the manifest that a designated facility is required to complete, the Licensee(s) must make the data correction within 30 days from the date of the request.

M.20 Exception Reports.
Whenever a shipment of hazardous waste is initiated from the Licensee(s) and a copy of the manifest with the signature of the owner or operator of the designated facility has not been received within 60 days of the date the waste was accepted by the initial transporter, the Licensee(s) shall submit an Exception Report to the USEPA e-Manifest system which includes:

a. A legible copy of the manifest for which the generator does not have confirmation of delivery.
b. An explanation of the efforts taken to locate the hazardous waste and the results of those efforts.

M.21 Manifest Entries.
Each Waste manifest and shipping paper, or other specific information maintained within the operating record for a given shipment, shall identify the unique WIP number for each different waste stream from each different generator location.

N. Closure

N.1 Written Closure Plan.
Licensee(s) shall meet the following requirements:

a. Licensee(s) shall follow the Closure Plan in Attachment I of the Approved FPOR and the requirements of this License when closing all or part of the hazardous waste Facility.
b. Within twelve (12) months of the date of this Approval, the Licensee(s) shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code to revise the Closure Plan in Attachment I of the FPOR to address the following:
    i. Describe the types of off-site hazardous waste management methods to be used for treating, recovering, or disposing of all hazardous waste inventory and assumptions for the associated quantities of containers for each management method.
    ii. Develop and substantiate the treatment and disposal unit costs incurred by use of a third party for each management method identified.
    iii. Utilize the maximum licensed hazardous waste storage for removing, transporting, treating, storing or disposing of all hazardous wastes in the closure cost estimate.
    iv. Follow the cost estimate structure and contents requirements specified in Condition P.1
    v. Have the revised closure plan and cost estimate certified in accordance with Condition R.2.

N.2 Closure Certification Report Contents.
The closure certification report shall:

a. Include drawings of the hazardous waste storage area(s) that are being closed. The drawing must show, at a minimum, dimensions and other construction details, appurtenant structures and relationship to other significant points or structures on the Facility property. All drawings shall provide a specified scale, legend, and north arrows.
b. Include a description of the types and quantities of hazardous wastes and materials that were stored in the hazardous waste storage area(s). The closure certification report shall include a description of all known spills within the storage areas.
c. Include a photo log documenting the decontamination of the hazardous waste storage area(s) and photos showing the 'clean' hazardous waste storage area(s). Each photo shall be numbered and dated, described with the photo's location and compass direction, and include a description of what was photographed and the purpose of the photo.
d. Describe the sampling strategy (i.e., sample collection, sample locations, number of samples collected, how the sample was collected and analytical considerations).
e. Include a table summarizing the data reported by the lab. The table needs to include concentration data, even if it is estimated, for compounds or elements that have been positively identified in the sample.

f. Include a discussion and evaluation of any Waste spills and clean-ups that occurred in the hazardous waste storage area(s) and how this information was used in designing and implementing closure activities.
g. Describe in detail the evaluation of the secondary containment area. This shall address any observations of visible contamination (i.e., staining caused by Waste consisting of light shadows, slight streaks, or minor discolorations), cracks, crevices, and pits in the floor and any defects of the impervious coating used on the floor. If defects are discovered in the secondary containment area that could allow Waste or constituents to penetrate the secondary containment area and affect the underlying soils, soil sampling shall be performed to confirm that no such leakage has occurred.
h. Demonstrate that any residual contamination remaining in the hazardous waste storage area(s) is below regulatory or health-based standards.
i. Include the certification of closure in s. NR 664.0115, Wis. Adm. Code, signed by a qualified professional engineer (PE). Closure is not complete until the department approves the closure certification report in writing, and any conditions of the approval are met. All requirements of ch. NR 664, Wis. Adm. Code and this License continue to apply until closure is complete.

N.3 Cleaning Methods Chosen.

The closure certification report shall describe in detail how the cleaning methods and the chosen surfactants are suitable for the contaminants to be removed, including at a minimum:

a. If detergent washing and water rinsing are selected, the closure certification report shall demonstrate that the detergent solution will remove the contaminants of concern. This may, for example, be demonstrated with solubility data from product specification sheets or standard chemical tables.
b. The closure certification report shall address the length of time the cleaning solutions were in contact with the surface and whether or not scrubbing, pressure washing, or other physical efforts were needed or used to achieve decontamination.
c. The closure certification report shall address other relevant considerations such as the temperature of the solution, the pressure nozzle used, and the pressure applied to clean the surface.
d. The closure certification report shall demonstrate that the volume of rinsate used for effective decontamination did not improperly dilute the concentration of contaminants.
e. The closure certification report shall describe in detail the equipment used to clean the hazardous waste storage area(s), how this equipment was decontaminated and how the residues from the decontamination were handled.
f. The closure certification report shall include a discussion/evaluation of how decontamination materials (i.e., rinsate, debris, disposable equipment, etc.) were managed and the quantities of such waste materials that were generated by the decontamination efforts.
g. The closure certification report shall include Waste disposal documentation (e.g., the bills of lading, uniform hazardous waste manifest, and waste profile information) as applicable.

N.4 Effective Decontamination.

Effective decontamination of contaminated equipment or structures shall be demonstrated when there is no detection of any constituents of concern in all final rinse or wipe samples. For the purposes of this condition, constituents of concern include all hazardous constituents listed in ch. NR 661, Appendix VIII, Wis. Adm. Code that were ever managed or utilized in the unit. If achieving no detection is not feasible, then meeting the lower, or most restrictive, of either the public health related groundwater standards in Table 1 of s. NR 140.10, Wis. Adm. Code, or the land disposal restriction (LDR) wastewater treatment standards identified in Table 1 of s. NR 668.40, Wis. Adm. Code, for the constituents of concern may be accepted. Effective decontamination of environmental media, such as soil, shall be demonstrated when hazardous constituents are below risk-based media cleanup standards developed or referenced under chs. NR 700-799, Wis. Adm. Code.

N.5 Sampling Methods.
Closure confirmation samples shall be collected as a grab sample. Field sampling methods shall follow the guidance in the most recent edition of *Volume II, Field Manual (EPA SW-846).* Field sampling methods not covered by SW-846 must be acceptable to the department before they are used to close the hazardous waste storage area(s). Closure confirmation sampling must demonstrate that all areas of a unit have been effectively decontaminated.

N.6 Analytical Methods.
Laboratory analytical methods shall follow the guidance in the most recent edition of Test *Methods for Evaluating Solid Waste, Physical/Chemical Methods (EPA SW-846).* Licensee(s) shall use the lowest possible analytical Method Detection Limit (MDL) for the hazardous constituents associated with listed hazardous wastes and shall report all concentration data, even if it is estimated. Some target analytes are present at concentrations which are above the level that can be reliably detected but below the level that can be reliably quantified. These data are referred to as "qualified" and will be reported as a number which has been "flagged" by the laboratory.

N.7 Removal of Waste Residues.
Sampling and analysis of media underlying all licensed units shall be performed and be sufficient to demonstrate that soils and groundwater have not been contaminated by Waste or Waste residues, and the closure certification shall document this demonstration. If Waste and Waste residues including but not limited to residues in containment system components, contaminated soils and other media, and structures and equipment contaminated with Waste cannot be practicably removed or decontaminated so that hazardous constituents are below risk-based media cleanup standards developed under chs. NR 700-799, Wis. Adm. Code, then the owner or operator shall:

a. close the licensed unit and perform long-term care in accordance with the closure and long-term care requirements that apply to landfills (s. NR 664.0310, Wis. Adm. Code)
b. maintain long-term care financial assurance requirements specified in Subchs. G and H of ch. NR 664, Wis. Adm. Code, and
c. ensure compliance with the requirements of subch. F of ch. NR 664, Wis. Adm. Code and chs. NR 700-799, Wis. Adm. Code.

N.8 Closure Approval by the Department.
Closure is not complete until the department approves the closure certification report in writing. All requirements of ch. NR 664, Wis. Adm. Code and this License continue to apply until closure is complete and approved by the department.

N.9 Storage Exceeding Closure Costs.
The Licensee(s) shall not store Waste types and/or quantities that would result in closure costs exceeding the amount established for financial assurance at any time.

N.10 Waste Inventory Limitations.
Licensee(s) shall not store more than the maximum historical inventory of hazardous waste shown in

Table 15 below and identified in the current Closure Plan in Attachment I of the Approved FPOR at the Facility until an updated closure plan and cost estimate accounting for the hazardous waste quantities listed in Condition C.1 is approved by the department.

Table 15. Temporary Reduction in Licensed Capacity to Maximum Historical Inventory

Activity Type	Unit ID	Unit Type	Unit Description	Maximum Historical Inventory (gallons unless otherwise noted)	Maximum Historical Inventory (55-gal Equivalents)
Storage	Facility Total	Container	Total	131,195	2,389

O. Corrective Action Program

O.1 Corrective Action Authority.
The department reserves the right to require corrective action by Licensee(s) under the authority of s. 291.37, Wis. Stats., and/or subch. F, NR 664, Wis. Adm. Code, prior to or after hazardous waste facility closure. The department reserves the right to take action under s. NR 670.041, Wis. Adm. Code in order to incorporate corrective action requirements into the License.

O.2 Newly Identified SWMU/AOC.
Licensee(s) shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code within 30 days of discovery to incorporate any newly identified solid waste management unit or area of concern[8] other than those identified in the Approved FPOR, unless otherwise approved by the Department's Designated Hazardous Waste Plan Review Staff.

O.3 Release Reporting and Corrective Action.
Any release or discharge of a hazardous substance shall be reported in accordance with s. 292.11(2), Wis. Stats., and ch. NR 706, Wis. Adm. Code, and the Licensee(s) shall send notification of the release to the Department's Designated Hazardous Waste Review Staff. For releases from solid waste management units (SWMUs) and/or any areas of concern (AOC), the Licensee(s) shall take corrective action as deemed appropriate by the department.

O.4 New Obligations.
When the Facility has new obligations under s. 291.37, Wis. Stats., and/or subch. F, NR 664, Wis. Adm. Code, due to a newly discovered release or new information regarding any previous release, Licensee(s) must immediately notify the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff. Licensee(s) shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code, within 90 days of discovery, or otherwise approved by the department in writing, to incorporate the new obligations for corrective action under s. 291.37, Wis. Stats., and/or subch. F, NR 664, Wis. Adm. Code. The department reserves the right to require the scope of corrective action address any new obligations.

O.5 Reserved.

O.6 Reserved.

O.7 Reserved.

O.8 Reserved.

[8] 63 FR 56715, Oct. 22, 1998 and 61 FR 19443, May 1, 1996

O.9 Reserved.

O.10 Reserved.

P. Cost Estimates and Financial Assurance

P.1 Cost Estimates Structure and Contents.

Licensee(s) shall maintain, in the operating record, an up-to-date closure cost estimate. The closure cost estimate shall:

a. clearly outline any assumptions used in the establishment of the cost estimate;
b. be based on utilizing a third party (or third parties) to properly execute all closure activities;
c. include third party costs to manage and administer the work (e.g., project management, procurement, contract administration, invoice review and payment, etc.);
d. not consider cost efficiencies or special pricing for work that might otherwise be performed or facilitated by Licensee(s);
e. include a minimum 10% contingency for unanticipated or unforeseen work;
f. be broken out by discrete tasks and sub-tasks and include unit costs, quantities, and extended costs for each task and subtask;
g. use tasks and subtasks that are easily identified within the approved closure plan; and, in total, represent all of the Remaining Work.
h. describe the basis for or source of the number of units and unit costs used in the cost estimate, in a manner consistent with the assumptions outlined in the approved closure plan;
i. clearly indicate the year for which each unit cost is based, such that inflationary adjustments can be accurately presented and applied; and
j. be presented using tables that:
    i. contain separate rows for each separate cost item, or task (and subtask as appropriate). Each task/subtask name and scope of work shall be identified and described, respectively, in the associated plan;
    ii. contain separate columns that identify the task/subtask name, with the corresponding estimated cost for that task/subtask including units (e.g. lump sum, hours, gallons, acres), number of units, unit costs, and extended subtotals;
    iii. as applicable, incorporate separate tables for each year, and a summary table for all years;
    iv. clearly account for and presents inflationary adjustments;
    v. include a single table that clearly identifies the total current estimated cost, supported as needed by additional tables for individual tasks.
    vi. identify the date of the cost estimate.
    vii. identify changes from the previous cost estimate presented to the department.
    viii. is also separately provided electronically in a spreadsheet format that is unprotected;

P.2 Liability Financial Assurance.

Licensee(s) shall demonstrate continuous compliance with the requirement to have and maintain liability coverage for sudden and accidental occurrences arising from operations of the Facility in the amount of at least $1 million per occurrence, with an annual aggregate of at least $2 million, exclusive of legal defense costs. Proof of adequate liability coverage shall be submitted to the Department's Designated Owner Financial Responsibility Staff annually on or before the anniversary date of the establishment of the financial instrument, currently January 31, or an alternate date approved in writing by the department.

P.3 Annual Cost Estimate Adjustments - Closure.
The closure cost estimate shall be adjusted annually for either inflation in accordance with s. NR 664.0142(2), Wis. Adm. Code[9], or to reflect current year unit costs. Proof of financial responsibility reflecting the adjusted cost estimate shall be:

a. in an amount equal to or greater than the adjusted cost estimate,
b. established by the anniversary date of the establishment of the financial instrument, currently March 31, or an alternate date approved in writing by the department, and
c. submitted to the Department's Owner Financial Responsibility Staff and Department's Designated Hazardous Waste Plan Review Staff, including a narrative explanation of the adjustment.

P.4 Reserved.

P.5 Reserved.

P.6 Reserved.

P.7 Changes Impacting Cost Estimates.
The closure cost estimate shall be updated and submitted to the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff, as a license modification request in accordance with s. NR 670.042, Wis. Adm. Code within one (1) month of any point in time when Licensee(s) becomes aware of any change (other than inflationary increases) that increases the cost estimate by more than 5%. Proof of financial responsibility reflecting the new cost estimate shall be established and, if necessary, submitted to the department's owner financial responsibility staff person within two (2) months of such an increase in the cost estimate.

P.8 Closure Financial Assurance.
Within 2 months of the date of this Approval, Licensee(s) shall establish financial assurance for closure in the amount of, at least, $1,797,800 (based on 2024 dollars). This amount shall be adjusted for inflation and calculated in accordance with the conditions of this Approval. Licensee(s) shall establish and maintain proof of financial assurance for closure requirements as required by this License and by subch. H, NR 664, Wis. Adm. Code. Original documents of this proof shall be submitted to the Department's Designated Owner Financial Responsibility Staff. The amount of financial assurance established for closure shall be adjusted as needed based on updates to cost estimates (e.g., inflationary, or change in the scope of work).

P.9 Reserved.

P.10 Reserved.

P.11 Reduction in Financial Assurance.
The dollar amounts used for proof of financial assurance for closure shall not be reduced until a license modification request in accordance with s. NR 670.042, Wis. Adm. Code, is approved.

P.12 Reductions in Financial Assurance due to Partial and Final Closure.
In the event of partial or final closure, the estimated closure cost and financial assurance may not be reduced or released until the department approves a closure certification report, as described in s. NR 664.0115, Wis. Adm. Code. The closure certification report shall be submitted as a license modification request under s. NR 670.042, Wis. Adm. Code.

[9] Inflation factors are currently published at https://dnr.wisconsin.gov/topic/Waste/Financial.html

P.13 Reserved.

P.14 Hazardous Secondary Materials Disposal Cost Estimate

Prior to accepting HSM at the Facility, the Licensee(s) shall submit a license modification request in accordance with s. NR 670.042, Wis. Adm. Code, containing a detailed written estimate, in current dollars, of the cost of preparing, transporting, and disposing of HSM as a listed or characteristic hazardous waste in accordance with s. NR 661.0142(1), Wis. Adm. Code, for department review and approval. In lieu of submitting a separate HSM disposal cost estimate, the Licensee(s) may submit documentation as a license modification request in accordance with s. NR 670.042(4)(a), Wis. Adm. Code, that demonstrates the closure plan in Attachment I of the Approved FPOR and closure financial assurance account for HSM as part of the activities required under closure.

Q. Reporting Requirements

Q.1 Contingency Plan Implementation Reporting.

The Licensee(s) shall submit a written report on incidents requiring contingency plan implementation within 15 days after the incident, as required by s. NR 664.0056(9), Wis. Adm. Code.

a. The language used in s. NR 664.0056(9), Wis. Adm. Code, "any incident that requires implementing the contingency plan" includes, but is not limited to, the following:
    i. Incidents that result in on-site response by an external emergency response agency or entity.
    ii. Spills or releases that are not completely confined within a licensed storage area by a secondary containment structure, including, but not limited to, those that reach or affect soil, surface water, groundwater, sanitary sewers, storm sewers, or ambient air.
    iii. Releases that require reporting under ch. 706, Wis. Adm. Code.
    iv. Releases that caused or contributed to illness or injury.
    v. Releases that result in an exceedance of a discharge or emission limit in other authorizations or permits.
    vi. Incidents where Waste produced or contributed to heat or pressure that was unanticipated, fire or explosion, violent reaction, toxic dusts, mists, fumes, or gases, or flammable fumes or gases.
    vii. Flooding, in which hazardous wastes, hazardous waste containers, or any part of a tank system was partially or fully submerged.
b. The report shall contain at a minimum the information described in s. NR 664.0056(9), Wis. Adm. Code, and shall also fully describe the incident, including:
    i. the date, time, and duration of the spill or release;
    ii. the date and time the spill or release was discovered, and how it was discovered;
    iii. the source of the spill or release;
    iv. the cause of the spill or release, including the results of the root cause analysis;
    v. a description of the Waste that was spilled or released, and the waste codes;
    vi. the estimated quantity of Waste spilled or released;
    vii. the specific location and areal extent of spilled or released material;
    viii. whether or not the Waste was completely confined by a containment structure;
    ix. whether or not the Waste reached or affected soil, surface water, groundwater, sanitary sewers, storm sewers, or ambient air;
    x. the actions taken to respond to and clean up the spill or release, and the length of time elapsed, and
    xi. actions taken or that will be taken to prevent a similar incident from recurring and improve response planning and capability, including but not limited to, any Facility modifications, changes in operating procedures, preparedness and prevention elements, contingency planning or training.
c. The report shall be entered into the RCRAInfo industry application in the Incident Report section and a copy

submitted to the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff.

d. After any incident that results in implementation of the contingency plan, the Licensee(s) shall promptly perform all the following actions, when it is safe to do so:
    i. Take photos to visually document the incident.
    ii. Identify the employees or other individuals who have knowledge of or were involved in the incident.
    iii. Perform interviews with the employees, document in writing the results of the interviews, and retain this documentation.
    iv. Retain and secure any data and other information associated with the incident.
    v. Retain and secure any equipment and/or parts that were involved in the incident.
    vi. Retain and secure Wastes or Waste residues that were involved in the incident.
    vii. Other response activities as specified in Attachment G of the Approved FPOR.
    viii. Licensee(s) shall maintain any items identified above until closure of the licensed unit, or unless otherwise approved by the department.

Q.2 Emergency Reporting.

In accordance with s. NR 670.030(12)(f)1, Wis. Adm. Code and s. NR 664.0056(4), Wis. Adm. Code, the Licensee(s) must report to the department any noncompliance which may endanger health or the environment, or when the Facility has had a release, fire or explosion which could threaten human health, or the environment, outside the Facility.

a. Verbal Twenty-Four Hour Reporting. The information specified in s. NR 670.030(12)(f)2, Wis. Adm. Code shall be reported verbally within 24 hours from the time the Licensee(s) becomes aware of the circumstances using the 24-hour emergency hotline at 1-800-943-0003.
b. Written Incident Reporting. In accordance with s. NR 670.030(12)(f)3., Wis. Adm. Code, a written submission must also be submitted to the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff within five (5) days of the initial twenty-four hour verbal report. The written submission must contain a description of the noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); whether the noncompliance has been corrected, and, if not, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The department may waive the five-day written notice requirement in favor of incorporating its information into the Contingency Plan Implementation Reporting required within 15 days.

Q.3 Reporting – Noncompliance.

Licensee(s) shall report all instances of noncompliance not otherwise reported under s. NR 670.030, Wis. Adm. Code, or under a condition of this Approval. The report shall be provided in writing or via e-mail to the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff no later than 15 days after Licensee(s) becomes aware of the noncompliance.

Q.4 Reporting – Other Information.

If Licensee(s) becomes aware that there was a failure to disclose relevant facts in any reports, plans, or other documents submitted, or that incorrect information was submitted to the department, Licensee(s) shall promptly notify the department of such facts and/or correct information and of its plans to cease or modify its operations or activities as may be appropriate. If the facts or information affect the License, Licensee(s) shall promptly submit a license modification request under s. NR 670.042, Wis. Adm. Code, but no later than 30 days of becoming aware of the issue.

Q.5 Reporting Planned Changes.

The Licensee(s) must give advance notice to the department in writing, as soon as possible, but not less than 30

days, prior to, commencement of any planned physical alterations or additions affecting licensed units or at the Facility which may require modification of the Approved FPOR. Any notice provided under this section must include or be followed by a request for a license modification as may be required under s. NR 670.042, Wis. Adm. Code. The Licensee(s) shall not commence the alterations or additions prior to receiving approval of a license modification request, if required.

Q.6 Reserved.

Q.7 Reserved.

Q.8 Waste Minimization Report.
The Licensee(s) shall prepare and submit an annual report to the Department's Designated Hazardous Waste Plan Review Staff by March 1 of each year for the preceding calendar year which addresses the following:

a. a description of the efforts undertaken during the previous calendar year to reduce the volume and toxicity of waste generated; and
b. a description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent the information is available for the years prior to 1984.

Q.9 Notification for Class B Firefighting Foam.
In accordance with s. NR 159.05, Wis. Adm. Code, Licensee(s) shall notify the Department's Designated Hazardous Waste Plan Review Staff of the use or discharge of foam as part of an emergency firefighting or fire prevention operation immediately or as soon as practicable without hindering emergency firefighting or fire prevention operations.

R. Submittals

R.1 Submittal Requirements.
All submittals and reports made in accordance with this License and chs. NR 600 – 699, Wis. Adm. Code shall:

a. Unless otherwise specified, be submitted to the Department's Designated TSDF Inspector and the Department's Designated Hazardous Waste Plan Review Staff;
b. Include a transmittal letter that explains the purpose of the submittal and, if related to a condition of this Approval, refers to the number of the condition and approval date and if related to a requirement in the Wisconsin Administrative Code, refers to the application section of the Codes;
c. Be submitted electronically via email in lieu of submitting a paper version, or if submitted via another method (such as a department approved file sharing website), an email notification of the submittal shall be simultaneously provided. Licensee(s) shall bear responsibility for confirming that emails and emailed reports were received by the department; and
d. Contain the signature and certification statement in Conditions R.2, R.3 and R.4.

R.2 Signatory Requirements.
All reports submitted by Licensee(s) in accordance with ch. NR 664, Wis. Adm. Code, ch. 670, Wis. Adm. Code, or this Approval and its conditions shall be certified in the manner described in s. NR 670.011, Wis. Adm. Code. All submittals containing technical data, such as engineering computations, cost estimates for financial assurance, analyses and studies, design drawings, and design specifications, environmental monitoring data and evaluation, and similar documents involving the application of specialized technical knowledge or principals shall be certified by a qualified professional engineer and/or, when appropriate, by a qualified professional hydrogeologist, in accordance with the certification statement in Condition R.3 and R.4. The certifying professional(s) shall be registered in accordance with chs. 443 or 470, Wis. Stats. The department may consider reciprocity for professional

engineers registered in another state if the Licensee(s) can demonstrate equivalence, pursuant to s. 443.10(1), Wis. Stats. https://docs.legis.wisconsin.gov/statutes/statutes/443/08/2/b

R.3 Technical Information Certification Statement.

Any person signing a document referred to under Section R of this Approval shall make the following certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to 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.

R.4 Owner/Operator Certification Statement.

Any person signing a document referred to under Section R of this Approval shall make the following certification: I certify that I am an Authorized Signatory for the Licensee(s) in accordance with s. NR 670.011, Wis. Adm. Code. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to 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.

R.5 Submittal Structure and Organization.

Unless otherwise approved by the department, all submittals required by this Approval shall be developed and submitted as follows:

a. A single portable digital file (PDF) of the entire submittal shall be provided, including a signed and dated transmittal letter and all attachments and appendices.
b. The single PDF shall be built as a searchable/readable PDF, [e.g., ran through an optical character recognition (OCR) software (such as Enhance Scans in Adobe Pro), to make the document a searchable/readable PDF].
c. The single PDF shall not be read-only, or copy protected.
d. As applicable, all parts (e.g., chapters, sections, subsections) and attachments (e.g., appendices, figures, tables) of a document shall be designated bookmarks in the PDF, and the name of the bookmark shall reflect the name of the part/section/subsection or attachment.
e. For documents with attachments (e.g., appendices, figures, tables), all cross-references to attachments shall be internally hyperlinked to the appropriate attachment (e.g., all references to Appendix A within the document would provide a hyperlink to Appendix A).
f. If requested by the department, separate digital files of select PDF pages (or sections) shall be provided in the requested digital format (e.g., in Word or in Excel, as applicable).
g. All digital files submitted to the department shall be submitted as an email attachment or via a file sharing website acceptable to the department.
h. If requested, printed pages of the submittal (either in part or in full) shall be provided to the department. This may, for example, include certain FPOR sections or full-sized prints of maps and drawings.
i. For an FPOR, and for other reports as appropriate, a Table of Contents shall be included.
j. For an FPOR, and for other reports as appropriate, all pages shall contain a header that identifies the Facility name, and a footer that identifies the date and the page number.

R.6 License Modification.

For any license modification request under s. 670.042, Wis. Adm. Code the Licensee(s) shall include:

a. A cover letter summarizing the content and purpose of the request;

b. The modified pages bearing new dates;
c. An updated revision log that identifies the type, description, and date of the revision;
d. Certification statements in accordance with Conditions R.3 and R.4; and
e. A separate digital file clearly depicting the proposed modifications (e.g., using a track changes tool).

S. Information Repository - Reserved.

Notice of Appeal

NOTICE OF THE OPPORTUNITY TO REQUEST A HEARING

The Wisconsin statutes establish time periods for requesting information on or review of department decisions.

Pursuant to s. 289.26, Wis. Stats., and s. 289.27, Wis. Stats., an informational hearing or a contested case hearing can be requested within 45 days of the public notice.

The applicant, any county, city, village or town, or any 6 or more persons may file a written request for an informational hearing on the matter with the department. The informational hearing request shall indicate the interests of the municipality or persons who file the request and shall state the reasons why the hearing is requested.

The applicant, any county, city, village or town, or any 6 or more persons may file a written request for a contested case hearing with the department if the requirements of s. 289.27(1), Wis. Stats. are met. The petition for a contested case hearing must specifically set forth the issue sought to be reviewed, the interest of the petitioner, the reasons why a hearing is warranted and the relief desired.

A petition for an informational hearing pursuant to s. 289.26, Wis. Stats. or a contested case hearing pursuant to s. 289.27, Wis. Stats., shall be served on the Secretary of the Department of Natural Resources within 45 days after the decision is mailed or otherwise published by the department. Filing of any such petition must be accomplished in the manner prescribed by s. NR 2.03, Wis. Adm. Code for service of hearing requests upon the Secretary[10].

Dated: October 5, 2026
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
For the Secretary

Andrea Keller

Andrea Keller, Section Manager
Hazardous Waste Prevention & Management Section
Bureau of Waste and Materials Management

Lauren Hill

Lauren Hill, Waste Management Engineer
Hazardous Waste Prevention & Management Section
Bureau of Waste and Materials Management

[10] Section NR 2.03, Wis. Adm. Code reads:

Service on the department. All petitions for hearings, petitions for rules, petitions for declaratory rulings, petitions for review of contested case decisions under s. NR 2.20, answers and complaints required by any statute or rule shall be served on the department by personal delivery to the office of the secretary, by mailing to the secretary by certified mail, at the following address: PO Box 7921, Madison, Wisconsin 53707-7921.

Appendix 1 – Training Plan Matrix

		Personnel Category								
Module	**Reoccurrence Interval**	**Plant Manager**	**Production Manager**	**Technical Operations Manager**	**Lab Chemist**	**Shipping Supervisor I**	**Shipping Coordinator**	**Receiving Supervisor**	**Receiving Office Supervisor**	**Receiving Clerk**
Access to Medical and Exposure Records										
Basic First Aid Awareness										
DOT Hazardous Materials Function Specific Special Permits										
East Chicago Orientation										
EC-AREA5CY Introduction to Cylinder Operations										
Ergonomics and Proper Lifting Techniques										
Facility Emergency Action Plan										
Facility Manager Environmental Compliance Training										
H&S Fall Protection										
Hand Safety & Gloves										
HazAcc - Bonding and Grounding										
HazAcc - Boots and Prescription Safety Glasses Reimbursement										
HazAcc - Breakroom Safety										
HazAcc - Emergency Exits and Emergency Contacts										
HazAcc - Ergonomics										
HazAcc - Fatigue Management										
HazAcc - Good Catch Program (Safety Observations)										
HazAcc - Hand and Portable Powered Tools										
HazAcc - Holiday Safety										
HazAcc - Hot Work Fire Watch										
HazAcc - Road Trip Safety Tips										
HazAcc - Safe Work Permits										
HazAcc - Safety and Attitude										
HazAcc - Seatbelt Safety										
HazAcc - Slips, Trips, and Falls										
HazAcc - Tradebe PPE Matrix										
HazAcc - Tradebe Waste Profiles										

Module	Reoccurrence Interval	Personnel Category								
		Plant Manager	Production Manager	Technical Operations Manager	Lab Chemist	Shipping Supervisor I	Shipping Coordinator	Receiving Supervisor	Receiving Office Supervisor	Receiving Clerk
HazAcc - Workplace Conflicts										
HazAcc - Workplace Distractions										
HAZWOPER 24hr TSDF (composed)										
HAZWOPER 40hr (composed)										
HAZWOPER 8hr Annual (composed)										
Ladder Safety										
Loading Dock Safety										
Managing Potential Off Gassing or Swollen/Bulging Drums										
Misc Training or Bonus Toolbox Talk										
Office Ergonomics										
Policy - Employee Stop Work Authority										
Policy - H&S Aerial Lifts										
Policy - H&S Asbestos Awareness										
Policy - H&S Compressed Gas Cylinders										
Policy - H&S Confined Space Entry										
Policy - H&S Corrective and Preventive Action (CAPA) Program Guideline for Managers										
Policy - H&S Environmental Health and Safety Scorecard										
Policy - H&S Hand and Portable Power Tools										
Policy - H&S Hearing Conservation										
Policy - H&S Hot Work										
Policy - H&S Mobile Devices										
Policy - H&S Personal Protective Equipment (PPE)										
Policy - H&S Respiratory Protection										
Policy - H&S Safe Work / Permit to Work										
Policy - HR Alcohol Free Drug Free Workplace										
Policy - HR Employee Responsibility and Accountability										
Policy - Incident Reporting and Investigation										
Policy - Lockout/Tagout: H&S Control of Hazardous Energy (LOTO)										
Policy - TES Employee Handbook Acknowledgement										
Policy - Tradebe Records Retention										
Preventing Workplace Harassment										

Module	Reoccurrence Interval	Personnel Category								
		Plant Manager	Production Manager	Technical Operations Manager	Lab Chemist	Shipping Supervisor I	Shipping Coordinator	Receiving Supervisor	Receiving Office Supervisor	Receiving Clerk
Preventing Workplace Harassment Advanced										
Regulatory - DOT Alcohol Supervisor (PHMSA)										
Regulatory - DOT Driver Qualification Requirements										
Regulatory - DOT Driver Wellness										
Regulatory - DOT HazMat Employee Certification										
Regulatory - DOT HazMat Function-Specific Training: Hazardous Materials Packaging										
Regulatory - DOT HazMat Function-Specific Training: Highway Segregation and Loading										
Regulatory - DOT HazMat Function-Specific Training: Labeling and Marking										
Regulatory - DOT HazMat Function-Specific Training: Placarding										
Regulatory - DOT HazMat Function-Specific Training: Proper Shipping Descriptions and Manifests										
Regulatory - DOT HazMat General Awareness: DOT Overview										
Regulatory - DOT HazMat General Awareness: HazMat Table										
Regulatory - DOT Hazmat In-Depth Security: Plant Security Plan										
Regulatory - DOT Hazmat In-Depth Security: Transportation Security Plan										
Regulatory - DOT Hazmat Safety: Highway Contingency Plan										
Regulatory - DOT Hazmat Safety: Plant Contingency Plan										
Regulatory - DOT HazMat Security Awareness										
Regulatory - DOT Hours of Service										
Regulatory - DOT Load Securement										
Regulatory - DOT Pre-Trip Safety Inspection										
Regulatory - DOT Supervisor Drug & Alcohol (FMCSA)										
Regulatory - DOT Supervisor Drug & Alcohol (FRA)										
Regulatory - DOT Whistleblower Protection										
Regulatory - EPA Aquifer Protection										
Regulatory - EPA Emergency Coordinator										
Regulatory - EPA Hazardous Waste Profile										
Regulatory - EPA RCRA Hazardous Waste Management (Administration)										
Regulatory - EPA RCRA Hazardous Waste Management (Operations)										
Regulatory - EPA SPCC										
Regulatory - EPA SWPP										
Regulatory - EPA Universal Waste Handler										

Module	Reoccurrence Interval	Personnel Category								
		Plant Manager	Production Manager	Technical Operations Manager	Lab Chemist	Shipping Supervisor I	Shipping Coordinator	Receiving Supervisor	Receiving Office Supervisor	Receiving Clerk
Regulatory - EPA Used Oil										
Regulatory - EPA WW Surface Water										
Regulatory - OSHA 13 Carcinogens										
Regulatory - OSHA Aerial Lift Authorized Person										
Regulatory - OSHA Asbestos Housekeeping Awareness										
Regulatory - OSHA Basic First Aid										
Regulatory - OSHA Benzene Awareness										
Regulatory - OSHA Blood Borne Pathogens										
Regulatory - OSHA Cold Stress										
Regulatory - OSHA Construction Aerial Lift Authorized Person										
Regulatory - OSHA Decontamination										
Regulatory - OSHA Electrical Qualified										
Regulatory - OSHA Electrical Safety										
Regulatory - OSHA Emergency Response										
Regulatory - OSHA Equipment Hazards										
Regulatory - OSHA Fire Extinguishers										
Regulatory - OSHA Fire Resistant Clothing										
Regulatory - OSHA Hazard Recognition										
Regulatory - OSHA HAZWOPER Initial - First Responder Awareness										
Regulatory - OSHA HAZWOPER Initial - First Response Ops										
Regulatory - OSHA HAZWOPER Initial - HazMat Tech										
Regulatory - OSHA HAZWOPER Initial - Site Supervisor										
Regulatory - OSHA HAZWOPER Initial - Site Worker										
Regulatory - OSHA HAZWOPER Initial - TSDF										
Regulatory - OSHA HAZWOPER Refresher - First Responder Awareness										
Regulatory - OSHA HAZWOPER Refresher - First Response Ops										
Regulatory - OSHA HAZWOPER Refresher - HazMat Tech										
Regulatory - OSHA HAZWOPER Refresher - Site Supervisor										
Regulatory - OSHA HAZWOPER Refresher - Site Worker										
Regulatory - OSHA HAZWOPER Refresher - TSDF										
Regulatory - OSHA Hearing Conservation Program										

Module	Reoccurrence Interval	Personnel Category								
		Plant Manager	Production Manager	Technical Operations Manager	Lab Chemist	Shipping Supervisor I	Shipping Coordinator	Receiving Supervisor	Receiving Office Supervisor	Receiving Clerk
Regulatory - OSHA Hearing Protectors										
Regulatory - OSHA Heat Stress										
Regulatory - OSHA Housekeeping										
Regulatory - OSHA Job Hazard Analysis (JHA)										
Regulatory - OSHA Level D Personal Protective Equipment (PPE)										
Regulatory - OSHA Line of Fire										
Regulatory - OSHA Lockout/Tagout Affected (LOTO)										
Regulatory - OSHA Lockout/Tagout Authorized (LOTO)										
Regulatory - OSHA Lockout/Tagout Other (LOTO)										
Regulatory - OSHA Machinery and Machine Guarding										
Regulatory - OSHA Permit Required Confined Space Entry (PRCSE) Awareness										
Regulatory - OSHA Permit Required Confined Space Entry (PRCSE) Entrant/Attendant										
Regulatory - OSHA Permit Required Confined Space Entry (PRCSE) First Aid/CPR										
Regulatory - OSHA Permit Required Confined Space Entry (PRCSE) Supervisor										
Regulatory - OSHA Personal Protective Equipment (PPE)										
Regulatory - OSHA Powered Industrial Trucks (PIT/Forklift) Operator Evaluation										
Regulatory - OSHA Powered Industrial Trucks (PIT/Forklift) Operator Safety Training										
Regulatory - OSHA Powered Industrial Trucks (PIT/Forklift) Trainer										
Regulatory - OSHA Respiratory Protection										
Regulatory - OSHA Toxicology										
Regulatory - OSHA Walking-Working Surfaces / Fall Hazards										
Regulatory - RCRA Hazardous Waste Management: Generators										
Regulatory - RCRA Hazardous Waste Management: Introduction to RCRA / Overview										
Regulatory - RCRA Hazardous Waste Management: LDR and UHC										
Regulatory - RCRA Hazardous Waste Management: Manifest Discrepancies and Rejection										
Regulatory - RCRA Hazardous Waste Management: TSCA PCB's										
Regulatory - RCRA Hazardous Waste Management: Waste Codes										
Regulatory - RCRA Hazardous Waste Management: Waste Profiling										
Regulatory - RCRA/DOT Empty Containers										
Regulatory - Site Specific Contingency Plan										
Regulatory - Site Specific RCRA Permit										

Module	Reoccurrence Interval	Personnel Category								
		Plant Manager	Production Manager	Technical Operations Manager	Lab Chemist	Shipping Supervisor I	Shipping Coordinator	Receiving Supervisor	Receiving Office Supervisor	Receiving Clerk
Regulatory - Site Specific Solid Waste (SW) Permit										
Regulatory - Site Specific Spill Prevention Control and Countermeasures (SPCC) Plan										
Regulatory - Site Specific Stormwater Pollution Prevention Plan (SWPPP)										
Regulatory - Supervisor Drug & Alcohol										
Regulatory OSHA Chemical Hygiene Plans (CHP)										
Regulatory OSHA Hazard Communication										
Regulatory OSHA Resp Silica Worker										
Toolbox 01 January 2026 Administration										
Toolbox 01 January 2026 Operations										
Toolbox 01 January 2026 Transportation										
Toolbox 02 February 2026										
Toolbox Distracted Driving										
Toolbox Donning and Doffing PPE										
Toolbox Driver Fatigue										
Toolbox Drug and Alcohol Policy										
Toolbox Facility Emergency Action Plans										
Toolbox Facility Housekeeping										
Toolbox Negative Integrity Containers										
Toolbox Space Heater & Electrical Safety										
Toolbox Stop Work Authority										
Toolbox Summer Safety										
Toolbox Talk Incident Reporting										
Toolbox Transportation Emergency Action Plan										
Toolbox Truck Cab Housekeeping										
Toolbox Winter Driving										
Trailer Chock and Block										
TSCA PCB's										
Vehicle Accidents with Animals										
Voluntary - Blood Borne Pathogens										
x HR Business Ethics - What Employees Need to Know										
xOSHA Acrylonitrile										

		Personnel Category								
Module	**Reoccurrence Interval**	**Plant Manager**	**Production Manager**	**Technical Operations Manager**	**Lab Chemist**	**Shipping Supervisor I**	**Shipping Coordinator**	**Receiving Supervisor**	**Receiving Office Supervisor**	**Receiving Clerk**
xOSHA Arsenic										
xOSHA Benzene Worker										
xOSHA Beryllium										
xOSHA Cadmium										
xOSHA Chrome (VI)										
xOSHA DBCP Awareness										
xOSHA Formaldehyde										
xOSHA HAZWOPER Refresher - Generic Tracker for Certs										
xOSHA Lead Awareness										
xOSHA Methylene Chloride Worker										
xOSHA Vinyl Chloride										

2026-10-05 Tradebe Preliminary Determination

Final Audit Report 2026-10-06

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