



Notice of Public Meeting

AGENDA

Committee:	Buffalo County Local Emergency Planning Committee
Date:	Thursday, August 20, 2026
Time:	2:00 PM
Location:	3 rd Floor County Board Room, 407 S. 2 nd Street, Alma, WI 54610
Remote Access:	https://teams.microsoft.com/meet/218377042220941?p=9ssUylQIHPxLmvUW68

This meeting is open to the public, but portions of the meeting may be closed if this notice indicates that the committee may convene in closed session.

The following matters may be reviewed, discussed and acted upon at this meeting, and deviations from the order shown may occur:

1.	Call to Order
2.	Roll Call
3.	Verification of Open Meetings Law Compliance
4.	Approve Agenda
5.	Approve Minutes from Previous Meeting
6.	Public Comment
7.	Review of Strategic Plan
8.	Spill Report
9.	Financial Report
10.	Emergency Management Director's Report
11.	LEPC Chair Report
12.	LEPC Members' Reports
13.	Correspondence
14.	Future Agenda Items
15.	Next Meeting Date and Time
16.	Adjournment

Date: August 12, 2026

Chair: Tom Hentges

By: _____
Steve Wall, LEPC Emergency Coordinator

Board Members: If unable to attend, please contact the Chair. If the Chair is unavailable, please contact the County Clerk's Office at 608-685-6209. If the Chair and the County Clerk are not available, please call the Administrative Coordinator at 608-685-6234.

Persons with Disabilities: Buffalo County shall attempt to provide reasonable accommodations to the public for access to its public meetings, provided reasonable notice of special need is given. If you require special accommodations to attend this meeting, please contact the County Clerk's Office at 608-685-6209.

Public Access to the Courthouse: The South Entrance will be the only access to the building after 4:00 p.m. Monday – Thursday and after 12:00 p.m. on Fridays.

Persons who are members of another governmental body, but who are not members of this committee, may attend this meeting. Their attendance could result in a quorum of another governmental body being present. Such a quorum is unintended, and they are not meeting to exercise the authority, duties, or responsibilities of any other governmental body.

Buffalo County Minutes

Committee/Board: Local Emergency Planning Committee

Date of Meeting: Thursday, January 15, 2026

The meeting was called to order by Chairperson Tom Hentges at 2:00 p.m.

Committee Members present: In Person: Mr. Tom Hentges, Ms. Lisa Schmitt, Mr. Steve Wall, Sheriff Mike Osmond, Ms. Jamie Weaver, Mr. Justin Sass, Mr. Cale Severson, Mr. Dennis Bork, Ms. Lisa Olson-McDonald, and Chief Deputy Jake Laehn. Via Teams: Mr. David Brommerich, Mr. Leif Tolokken, and Ms. Lindsey Murphy. Mr. Lee Engfer was excused. Ms. Carri Renchin, Mr. Karl Noeldner, and Mr. Jeremiah Redemann were absent.

Others Present for All or Part of the Meeting: None.

Public Comments: None

Review/Discussion/Action Regarding Previous Meeting Minutes: The minutes from the previous meeting were presented. Mr. Wall made a motion to approve the minutes, seconded by Mr. Sass. Carried.

Review/Discussion/Action Regarding Annual Review of Bylaws: Chair Hentges noted that the Bylaws were included in the meeting packet for the committee to review. No changes were requested by Mr. Wall. No further discussion was needed and no changes requested by the committee.

Review/Discussion/Action Regarding Election of Officers: Chair Hentges advised that the election of officers was omitted from the August 2025 agenda and action is being taken at this meeting instead. Chair Hentges informed the committee that the Chair, Vice Chair, and Secretary positions are up for election.

Chair Hentges called for nominations for Chairperson position. Mr. Tolokken nominated Mr. Hentges for Chair. No other nominations. Mr. Wall made a motion to appoint Mr. Hentges as Chair, seconded by Sheriff Osmond. All were in favor of the nomination. Carried.

Chair Hentges asked for nominations for the Vice Chair position. Mr. Hentges nominated Mr. Tolokken as Vice Chair. No other nominations. Mr. Sass made a motion to appoint Mr. Tolokken as Vice Chair, seconded by Mr. Wall. All were in favor of the nomination. Carried.

Chair Hentges asked for nominations for the Secretary position. Mr. Wall nominated Ms. Schmitt for the Secretary position. No other nominations. Ms. Weaver made a motion to

appoint Ms. Schmitt as Secretary, seconded by Mr. Laehn. All were in favor of the nomination. Carried.

Review/Discussion/Action Regarding Review of Strategic Plan: Chair Hentges stated that the Strategic Plan was sent to the committee ahead of time for their review. Mr. Wall advised that there was an update to the DNR, GIS and Chief Deputy committee members. Facilities will also be updated by Mr. Wall to make them current.

Review/Discussion/Action Regarding Designation of State as LEPC Compliance Inspector: Chair Hentges mentioned that this is a standard appointment. No questions or discussion from the committee. Mr. Wall made a motion to designate the State as the LEPC Compliance Inspector, seconded by Ms. Weaver. Carried.

Review/Discussion/Action Regarding the Spill Report: Mr. Wall mentioned that the spill report will be removed from the main Strategic Plan document and be submitted as an attachment to the plan instead. There have been two reported spills since the last meeting. Dairyland Power had a hydraulic oil spill, and a semi had a reported diesel and anti-freeze leak. No further discussion or questions about these spills.

Review/Discussion/Action Regarding the Financial Report: Mr. Wall did not provide an updated report as we are only a short time into January as of this meeting. There are no major changes to the finances, things are on track to receive the grant from last year, and the fiscal year 2026 grant has been applied for. A printed report will be provided for the next meeting. No comments or questions on this matter.

Review/Discussion/Action Regarding the IPP Workshop: Mr. Wall informed the committee that IPP stands for Integrated Preparedness Plan. The plan was provided to the committee for their review ahead of the meeting. The State requires a three-year plan. Some of the focus areas are a continued operation plan, disaster recovery and awareness, weather related extremes and mass casualty. This was put together with input from Sheriff Osmond. Mr. Wall mentioned incorporating cyber security into a future plan. Cameras and door access at the courthouse will be reviewed as well. Sheriff Osmond mentioned the importance of WiCAM cards getting completed for the Sheriff's Office and local fire/EMS departments. Chair Hentges said this item can be brought up at the upcoming fire association meeting.

Review/Discussion regarding Emergency Management Directors Report: Mr. Wall advised that training towards his Emergency Management certification is around 70-75% complete. He is working with the Fountain City mayor, and will be including law enforcement, regarding future flooding issues along Highway 35 including sandbagging and barricades. Chair Hentges said that Fountain City has relied on the Corps. of Engineers for this information in the past.

Review/Discussion Regarding the LEPC Chair Report: None.

Review/Discussion Regarding the LEPC Members' Reports: None.

Public Comments Not Related to Agenda Items: Chair Hentges mentioned that there has been a lot of community discussion regarding the large tire fire that occurred recently in the Town of Milton. The public is asking what can or should be done regarding this issue. Sheriff Osmond mentioned that he is working with the DNR regarding investigation and accountability for this matter.

Review/Discussion/Action Regarding the Next Meeting Date and Time: The next meeting will be on August 20, 2026, at 2:00 p.m.

Adjourn: Mr. Laehn made a motion to adjourn at 2:29 p.m., seconded by Mr. Wall. Carried

Respectfully Submitted:

Lisa Schmitt
Buffalo County Clerk

BUFFALO COUNTY
2026

COUNTY-WIDE/STRATEGIC PLAN UPDATE

EPCRA/STRATEGIC PLAN HAZARDOUS MATERIALS RESPONSE PLAN TRANSMITTAL

This document has been prepared in accordance with state and local requirements and is ready to be made a part of the Emergency Operations Plan upon Wisconsin Emergency Management (WEM)/State Emergency Response Commission (SERC) acceptance. This plan meets county-wide/strategic plan guidance as established by WEM/SERC.

Note pages and sections revised:

COUNTY SIGNATURES

I have reviewed the attached plan, and, to the best of my knowledge, all information provided is true, accurate and complete. The plan is consistent with county-wide/strategic plan guidance.

Steven Wall
County Emergency Management Director

Date

Tom Hentges, Chairperson
County Local Emergency Planning Committee

Date

WEM/SERC ACCEPTANCE:

This document has been reviewed and meets the county-wide/strategic plan guidance as established by WEM/SERC.

WEM Regional Director

Date

 X County-Wide/Strategic Plan Review Guide attached.
 Strategic Plan Update included (required if applying for hazmat equipment grant).

ANNUAL COUNTY-WIDE /STRATEGIC PLAN REVIEW GUIDE

	<u>Page Number</u>
1) Cover, and TOC	Cover & Pg.F-1-1
2) Promulgation Statement for County-Wide/Strategic Plan	F-1-2
3) Updated List of LEPC Members Included	F-8-4 (Figure 8)
4) Updated Hazard Analysis	F-1-4
5) Updated List of Planning and Tier II Facilities Included	A-4 (Attachment II)
6) Map Identifying Major Transportation Routes	A-5 (Attachment III)
7) List of Most Common EHSs at Fixed Facilities	F-1-5
8) List of Most Common EHS and Tier II Chemicals Transported Through the County	F-1-5
9) Updated Resource List	F-1-8
10) Current EPCRA Training Program Included	F-1-10
11) Local Training Efforts Listed	F-8-3

Attachments:

Figure 2, County Map	F-3-1
Figure 3, WI Substance Release Notification Form	F-3-2
Figure 3, Truck Routes and Highways/Airports	F-4-1
Figure 5, Burlington Northern & Sante Fe Railroad	F-8-1
Figure 6, Buffalo County Gas Pipeline Location Map	F-8-2
Figure 7, Hazardous Materials Exercise History	F-8-3
Figure 8, Current LEPC Membership List	F-8-4
Appendices (County-Wide Plan)	A-1
Attachment I, Spill Report History	A-2
Attachment II, Off-Site Facility Listing	A-4
Attachment III, Tier II Reporting Facilities	A-5

COUNTY-WIDE HAZMAT RESPONSE STRATEGIC PLAN:

BUFFALO COUNTY

UPDATED: JANUARY 2026

Buffalo County Local Emergency Planning Committee
Tom Hentges, Chair

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- II. INTRODUCTION
- III. HAZARD ANALYSIS
- IV. NOTIFICATION
- V. IDENTIFICATION OF MAJOR TRANSPORTATION ROUTES
- VI. EVACUATION/SHELTER PROCEDURES
- VII. RESOURCE MANAGEMENT
- VIII. RESPONSE PROCEDURES
- IX. CLEANUP, DOCUMENTATION, AND INVESTIGATIVE FOLLOW-UP
- X. TRAINING
- XI. EXERCISES
- XII. DISTRIBUTION RECORD
- XIII. RECORD OF CHANGES

Figures

- FIGURE 1 Promulgation Statement
- FIGURE 2 Buffalo County Map
- FIGURE 3 Substance Release Notification Form
- FIGURE 4 Truck Routes Highways and Airports
- FIGURE 5 Railroads
- FIGURE 6 Natural Gas Pipelines
- FIGURE 7 Buffalo County Exercise History
- FIGURE 8 LEPC Membership List

Appendices (County-Wide Plan Requirements):

APPENDICES are specific off-site plans and are not included in this plan. Copies of these plans are maintained at the Buffalo County Office of Emergency Management.

Attachments (Strategic Plan Requirements):

- ATTACHMENT I Spill Report Summary
- ATTACHMENT II Tier II Facility Listing
- ATTACHMENT III Planning Facility Listing

II. INTRODUCTION

A. Purpose

1. The purpose of this hazardous materials response plan is to develop policies and procedures for responding to hazardous materials incidents and/or accidents in compliance with the requirements of Title III of EPCRA (SARA) of 1986, as codified in 42 USC 11000 to 11050 and §323.61(2m), Wis. Stats., in order to protect the community from the harmful and possibly life-threatening effects of a hazardous materials release.
2. This plan defines the roles, responsibilities, and inter/intra-organizational relations of government and private organizations in response to a hazardous material incident and includes requirements for the development/update of the Strategic Plan.
3. It forms a part of the county EOP, by reference.
4. Promulgation Statement (see Figure 1)

B. Local Emergency Planning Committee Members

The Emergency Planning and Community Right-To-Know Act (EPCRA)(SARA) requires that a LEPC be appointed for each Emergency Planning District. It also specifies the composition of the LEPC. The membership composition, as directed by Section 301(c), of EPCRA is shown below.

- | | |
|----------|--|
| Group 1: | Elected State Official
Elected Local Official |
| Group 2: | Law Enforcement
Emergency Management
Firefighting
First Aid
Health Service
Hospital
Transportation
Location Environmental Organizations |
| Group 3: | Broadcast Media
Print Media |
| Group 4: | Community Groups |
| Group 5: | Owners/operators subject to the requirements of EPCRA |

Buffalo County's LEPC members are listed in **Figure 8**.

C. Responsibilities

1. Local Emergency Planning Committee

- a. Develop the county-wide hazardous materials plan/strategic plan and off-site facility plan appendixes in coordination with the Emergency Management Director, annually review and update, and ensure that exercises are conducted as required.
 - b. Review the off-site facility emergency plans submitted by facilities.
 - c. Publish, annually, a notice in the local newspaper that the hazardous materials emergency response plan/strategic plan and facility off-site appendices, material safety data sheets and inventory forms have been submitted under Section 324 of Title III and are available for public inspection.
 - d. Provide information to the public as required in Section. 312 of Title III, consistent with Section 322, Trade Secrets.
 - e. Receive and maintain copies of all EPCRA reports.
 - f. Community Emergency Coordinator and/or the Emergency Management Director make the determinations along with the Facility Emergency Coordinators, necessary to implement the hazardous materials plan/strategic plan.
2. Emergency Management Groups
 - a. Responsibilities and coordination are covered in the county and municipal EOP(s), Annex A.
3. Fixed Facility
 - a. Planning requirements: any facility that produces, uses, or stores any of the extremely hazardous substances in quantities equal to or greater than threshold planning quantities are required to participate in the emergency planning process.
 - b. Reporting requirements
 - (i) An owner/operator of a facility subject to the provisions of EPCRA Sections 311/312 must comply under the requirements of §323.20, Wis. Stats. [MSDS chemist/Tier Two filings].
 - (ii) Employees and agents of facilities are obligated to comply with the provisions for the discharge (release or spill) of a hazardous substance as required under the state hazardous substance spill law, §292.11, Wis. Stats.

III. HAZARD ANALYSIS (See appendices and attachments for more information)

A. County Profile

Buffalo County encompasses 734.2 square miles in the West Central region of Wisconsin. There are five significant flowing bodies of water in the County:

1. Mississippi River
2. Trempealeau River
3. Buffalo River
4. Chippewa River
5. Waumandee Creek

Approximately 44% of the County is agricultural; 36% is industrial, government, and urban and 20% is educational.

There are approximately 13,302 (2021) residents in Buffalo County. Population centers are widely dispersed throughout the County (See Figure 2). Approximately 45% of the population is urban residents and 55% are rural. There are over 5,751 households in the County. The median household income for the County is approximately \$58,364, based on the 2020 Census.

The County contains eight State highways: 10, 25, 35, 37, 54, 88, 95 and 121 totaling 150 miles of road, 318 miles of County roads, and 570 miles of local roads, totaling 1,038 miles of road network. There is one privately owned airport located in the Town of Maxville. It has one unlighted runway.

Agriculture historically is the principal employer but has decreased over the years and is third to manufacturing and private sector services. There are approximately 1600 active farms in the County. The County has no hospitals but has two medical clinics—Mayo Clinic Health System-Oakridge in the City of Mondovi and the Alma Community Clinic, an Ascension Medical Group facility in the City of Alma.

B. Facilities subject to emergency planning:

See **Attachment II**.

C. Tier II Facilities

See **Attachment III**.

D. Map identifying location of highways, railways, waterways, airlines, pipelines

See **Figures 4 through 7**.

E. List of most common EHSs at fixed facilities in the County:

<u>CAS #</u>	<u>Chemical Name</u>	<u>Max Amt. present at any one facility:</u>
1. 7782-50-5	<u>Chlorine</u>	300 lbs. (<u>Mondovi Wells and WWTF</u>)
2. 7664-93-9	<u>Sulfuric Acid</u>	7945 lbs. (<u>Dairyland Power COOP/JPM, Tractor Central, SPF North America</u>)

See off-site facility plan for more comprehensive EHS chemical/facility/response information and vulnerability zone maps.

F. List of most common EHS and Tier II chemicals transported through the county

1. There are approximately 6 EHSs located in fixed facilities through Buffalo County. These substances range in quantity from 25-73,600 pounds per facility site (See Subsection D of this hazard analysis for facilities, EHSs and amounts).

Transportation of EHS and hazardous materials in and through the county occur over any local, state, or federal highway for which weight limits are met.

Placard 1276-Crude, light (Bakken Grade) is the most prevalent.

G. Risk of hazardous materials substance release and response to hazmat incident (§323.61 compliance)

1. Risks of hazardous substance releases in Buffalo County [§323.61(2m)(a)]

The county [all-hazards plan] and a hazardous materials commodity flow study (CFS) completed in 2013 identifies both fixed facility and transportation related hazardous substance exposures. Buffalo County has four (4) facilities that require off-site plans to be submitted, with chlorine and Sulfuric Acid as the EHS chemicals involved. The CFS identified gasoline, propane and anhydrous ammonia as the primary hazardous substances observed being transported on the State and Local highway systems throughout the County.

2. Existing capability for emergency response to hazardous substances release [§323.61(2m)(a)]

Buffalo County is currently served by six (6) fire departments that provide 'First Due' engine company response at a Type IV response level. The County cooperates with local first response agencies to provide 'Operations Level' hazmat responder response training to comply with Federal and State requirements.

3. Needs related to emergency response to hazardous substance release [§323.61(2m)(c)]

Initial and refresher 'Operations Level' hazardous materials response training is required to respond to a hazardous materials incident. The exception to this is for law enforcement and EMS personnel, who are expected to maintain the 'Awareness Level' training, which trains them in situational awareness to recognize an incident involving a hazardous substance, and to notify the County for the need for a hazardous materials response. It is also recommended to train public works and highway department personnel to the Awareness or Operations level, as they can be mobile within the County and either come across a hazardous substance release or participate in defensive measures associated with dealing with a hazardous substance release.

While an Awareness trained individual can attempt basic identification of the material(s) involved, the training does not allow for any defensive or offensive actions on-scene of a hazardous substance release. They may assist in evacuation procedures if it is safe to do so.

Operations Level hazmat personnel can take defensive actions to protect the scene and limit the exposure to the environment to the released hazardous substance. Basic resources are required to accomplish appropriate defensive measures. These resources may include, but not be limited to, access to sand or other diking material, absorbent materials, containment booms, plastic (to block entry of material to storm sewer lines), and any needed heavy equipment to accomplish these defensive/containment measures.

4. Process to maintain or increase the capability for emergency response to hazardous substance releases [§323.61(2m)(d)]

Buffalo County will support both Awareness and Operations level refreshers on an annual basis through grant applications to pay for the training. If local fire departments request technician level training, the County will also support those efforts through grant applications and work with regional training agencies to accomplish the training.

5. Identification of local emergency response team for level B response [§323.61(2m)(e)]

Counties with local emergency response teams closest to Buffalo County that are capable of a level B response have been identified by Wisconsin Emergency Management (WEM) as Dunn (City of Menomonie), Eau Claire (City of Eau Claire), and La Crosse (City of La Crosse).

6. Procedures to access a local emergency response team [§323.61(2m)(f)]

In the event a sustained release of a hazardous substance that directly threatens the health and welfare of the citizens of any location within Buffalo County occurs, and that offensive actions are required to stop the release of the hazardous substance, then a local emergency response team will be contacted by Incident Command and appraised of the situation, including the chemical(s) involved. The local emergency response team will determine if the WEM Duty Officer needs to be contacted to authorize the team's dispatch to the incident.

The County will take into consideration the local emergency response team's recommendations for dealing with the incident, including any recommendations for a local response that does not meet WEM's criteria for Regional Team response.

IV. NOTIFICATION

A. Methods for Determining That a Release Has Occurred

1. If an organization does not have a spill control or HAZMAT officer/manager who is familiar with DNR spill reporting procedures, or if a spill is immediately hazardous to life safety or the environment, or they are a private citizen then Buffalo County Dispatch maybe notified first. Secondary forms of notification are:
 - a. From the responsible party
 - b. From first responders on scene
 - c. From the DNR
 - d. From the WEM Duty Officer

B. Incident Report Form

1. The communications person receiving the notification of a hazardous substance discharge (spill / release) will acquire as much information as possible and will complete the “Substance Release Notification Form” with as much detail as is known at the time of the report (**Figure 3**).
2. The completed spill report form is to be a component of and attached to this plan as Attachment I in order to provide a spill history for Strategic Plan purposes.

C. Alert, Warning and Emergency Public Information

1. Alert procedures are covered in the county EOP; Annex B. Emergency Public Information is covered in the county EOP, Annex J.

D. Communications

1. Communications procedures are covered in the county EOP, Annex B.

E. Special Title III Notification Requirements for Facilities

1. The County Emergency Management Director/Coordinator for the LEPC must be notified of spills or releases subject to the notification requirements of EPCRA (SARA) Section 304.

Contact:

Steven Wall

(O) 608-685-6298

(C) 715-495-2854

2. WEM and the Department of Natural Resources (DNR) must be notified of a spill/release per the requirements of §292.11 and §323.20, Wis. Stats. Contact 1-800-943-0003.
3. The National Response Team under section 103(a) of CERCLA and Section 304 of EPCRA. Contact 1-800-424-8802.
4. The owner or operator shall provide written follow-up emergency notice as soon as possible after a release that requires notice under Section 304 (a).

V. IDENTIFICATION OF MAJOR TRANSPORTATION ROUTES

- A. Truck Routes Highways and Airports (**Figure 4**)
- B. Railroads (**Figure 5**)
- D. Natural Gas Pipelines (**Figure 6**)

VI. EVACUATION/SHELTER PROCEDURES

- A. Evacuation/Shelter Procedures are covered in the County EOP, Annex E.

VII. RESOURCE MANAGEMENT

Resource management is covered in the county EOP Annex C. Resource lists are an attachment of the county EOP, therefore those below are only those resources specific to a hazardous materials incident.

- A. Resource List
 - 1. Counties with local emergency response teams closest to Buffalo County that are capable of a level B response have been identified by Wisconsin Emergency Management (WEM) as Dunn (City of Menomonie), Eau Claire (City of Eau Claire), and La Crosse (City of La Crosse).
 - 2. River boom assistance can be provided by Winona Fire. Contact Winona Dispatch for boom trailer.
 - 4. Federal Assistance
 - a. National Response Center (800-424-8802)
www.nrc.uscg.mil
 - b. Agency For Toxic Substances and Disease Registry (888-422-8737)
www.atsdr.cdc.gov
 - c. Nuclear Regulatory Commission (301-816-5100)
www.nrc.gov/NRC/radprotect.html
 - d. CHEMTREC (800-424-9300)
www.cmahq.com

VIII. RESPONSE PROCEDURES

- A. Direction and Control
 - 1. Direction and control procedures are covered in the County EOP, Annex A. Buffalo County by resolution will follow the procedures established in Presidential Directive 5, and the current National Response Framework.

B. Emergency Action Checklists

1. Emergency Action Checklists: None.

C. Individual Agency Plans (IAPs)

1. IAPs which address specific elements such as chain of command, support systems, containment and decontamination procedures, SOPs, etc., should exist for each of those agencies.

IX. CLEANUP, DOCUMENTATION, AND INVESTIGATIVE FOLLOW-UP

A. Department of Natural Resources (DNR's) responsibility under the Wisconsin Spill Law § 292.11, Wis. Stats.

1. Responsibility is based on Administrative Code NR 706 for follow-up on reported releases or spills.
2. DNR field staff may respond through DNR regional offices. DNR region personnel perform a variety of duties:
 - a. Investigate spills
 - b. Ensure that the responsible party restores the damaged environment to its original state
 - b. Oversee proper disposal
 - d. Select and supervise contractors for emergency investigation and clean-up
 - e. Provide data to process enforcement actions and reimbursement billings
 - f. Maintain spill response equipment
2. In most instances, the responsible party and local authorities handle a spill quickly and competently. In these cases, the DNR investigates the incident and ensures that cleanup is accomplished. When the Department becomes involved in spill cleanup, DNR field staff act as project managers, reviewing investigation results and selecting clean-up measures.

X. TRAINING

A. Training

Below is a list of specific courses sponsored by Wisconsin Emergency Management. For more information call the WEM Training Officer or the WEM Hazardous Materials Training Coordinator.

- Hazardous Materials Awareness
- Exercise Design Course
- Exercise Evaluation Course
- Tabletop Exercise Workshop G 120.T
- Incident Command System/Emergency Operations Center Interface
- Incident Command System for Law Enforcement
- Incident Command System for Emergency Medical Service
- Incident Command system for Public Works
- Incident Command System Self Study
- Incident Command System National Wildfire Curriculum (MIIMS)
- Hazardous Materials Incident Management, National Fire Academy
- CAMEO Basic
- CAMEO Intermediate

C. Local Initiatives and Training efforts

Propane Tabletop Fountain City Fire	April 15, 2013
Propane Full Scale Exercise, Fountain City Fire	April 27, 2013
Multi-County Commodity Flow Study (HAZMAT)	November 21, 2013
Canadian Northern, Rail Car Fam. Training, (Bakken)	July 14, 2014
BNSF Rail Car Fam. Training (Bakken)	July 22, 2014
La Crosse DOT 111 Tank Car Accident Functional (Bakken)	October 3, 2014
Joint Pepin/Buffalo County Rail Accident Tabletop	December 16 2015
Train Derailment Tabletop Exercise	August 3, 2018
Train Derailment Functional Exercise: Fountain City	September 7, 2019
COVID Pandemic Response, Alma	May 15,2020
Train Derailment Full Scale Exercise- Fountain City	April 24, 2021

XI. EXERCISES

A. Exercises

1. Exercises will be scheduled and conducted annually per EPCRA requirements. The county emergency management director will coordinate the schedule of exercises.
2. Record of exercises held:
See **Figure 8**.

XII. DISTRIBUTION RECORD

West Central Regional Office, Wisconsin Emergency Management

XIII. RECORD OF CHANGES

New format	September 2002
Update	August 2004
Update	May 2006
Update	February 2007
Update	February 2008
Update	January 2009
Update	February 2010
Update	March 2011
Update	March 2012
Update	January 2013
Update	November 2013
Update	November 2014
Update	November 2015
Update	October 2016
Update	January 2018
Update	February 2019
Update	March 2020
Update	January 2021
Update	January 2022
Update	January 2023
Update	January 2024
Update	January 2025
Update	January 2026

Figure 1: Promulgation Statement

Resolution No. 88-10-07

RESOLUTION ADOPTING BUFFALO COUNTY EMERGENCY MANAGEMENT PLAN

WHEREAS, Wisconsin Statutes 166.03(4)(a) requires that the governing body of each county, town and municipality shall adopt an effective program of emergency government, consistent with the state plan; and

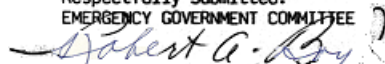
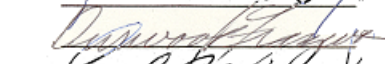
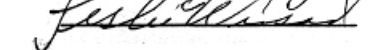
WHEREAS, pursuant to Wisconsin Statute 166.03(1)(a)2, the Secretary of the Wisconsin Department of Administration effective July 1, 1987, with the approval of the Governor promulgated General Change Order No. 5 to the State Plan entitled "Wisconsin Emergency Management Plan"; and

WHEREAS, this General Change Order No. 5 changes the Wisconsin Emergency Operations Plan to the Wisconsin Emergency Management Plan and reflects Wisconsin's endorsement of the Federal Integrated Emergency Management System; and

NOW, THEREFORE, BE IT RESOLVED, that the Buffalo County Emergency Management Plan, is hereby adopted as the official program of Buffalo County for Emergency Government; and

BE IT FURTHER RESOLVED, that copies of this resolution shall, upon adoption be sent to the County Emergency Management Director/Coordinator, Area Director and Administrator of the State Division of Emergency Government.

Respectfully Submitted:
EMERGENCY GOVERNMENT COMMITTEE

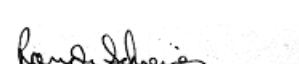
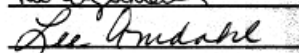



Figure 2: County Map

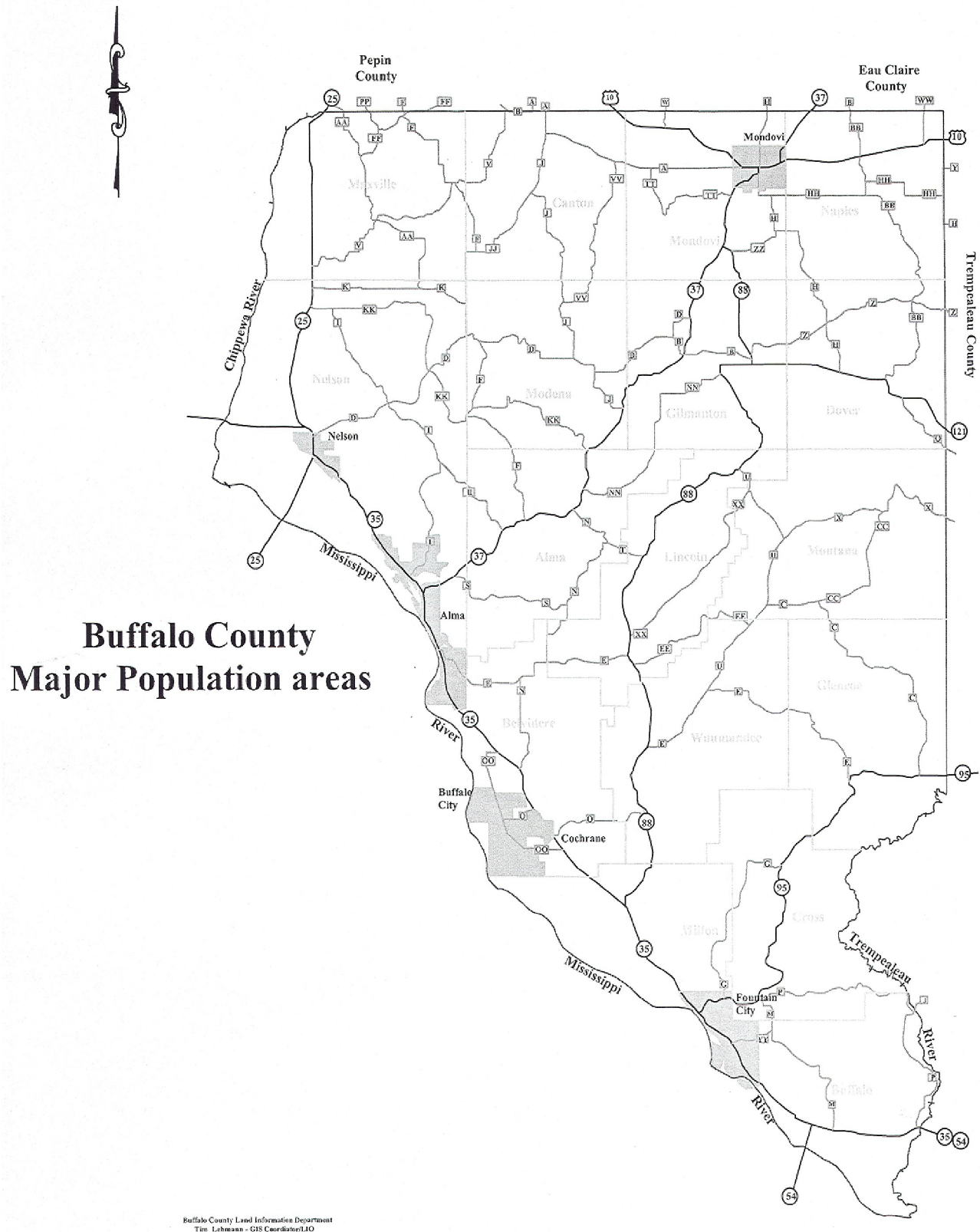


Figure 3: Substance Release Notification Form

State of Wisconsin Substance Release Notification Form				LE Form
24 Hour Emergency Hotline Number: 1-800-943-0003				
Date & Mil. Time of Incident:		Date & Mil. Time Reported		
Person Reporting/Representing:			Phone # ()	
Responsible Party/Spiller			Phone # ()	
Contact Name			Phone # ()	
Address		City, State, Zip Code		
Substance Involved	Amount & Units Released	Amount Recovered		
☐ Solid ☐ Semisolid ☐ Liquid ☐ Gas Color: Odor:				
Exact Location (Inc. address, facility name, mileage, bldg. #,etc)				
City	County	Lat/Long		
DNR Region NER	___ 1/4 ___ 1/4 sec ___ NR ___ (E/W)	Weather Cond.		
Cause of Incident:			Action Taken by Spiller:	
Spilled Substance Impact To: Check () all that apply: ☐ Air ☐ Potential ☐ Soil ☐ Potential ☐ Groundwater ☐ Potential ☐ Surface Water ☐ Potential Name: ☐ Storm Sewer ☐ Potential ☐ Sanitary Sewer ☐ Potential ☐ Concrete/Asphalt ☐ Potential ☐ Private Well ☐ Potential ☐ Contained/Recovered ☐ Other:			☐ No Action Taken ☐ No Action Needed ☐ Monitor ☐ Cleanup Method: ☐ Waste Destination: ☐ Containment ☐ Contractor Hired Name: ☐ Other:	
Spill Source: ☐ Transportation Accident, Fuel Tank Spill ☐ Transportation Accident, Load Spill ☐ Industrial Facility ☐ Paper Mill ☐ Chemical Co. ☐ Ag Coop/Facility/Food Factory/Facility ☐ Gas/Service Station/Garage/Auto Dealer/Repair Shop ☐ Pipeline/Terminal/Tank Farm/Oil Jobber/Wholesaler ☐ Public Property (city, state, church, school, etc.) ☐ Utility Co. Power Generating/Transfer Facility ☐ Private Property (home/farm) ☐ Construction, Evacuation, Wrecking, Quarry, Mine ☐ Airport Facility ☐ Railroad Facility ☐ Other:				
Injuries? ☐ Yes ☐ No If yes how many?		Has an evacuation occurred? ☐ Yes ☐ No Potential? ☐ Yes ☐ No		
Are there any resource damages? ☐ Yes ☐ No ☐ Potential? What kinds?				
Other agencies notified (check first column if notified) check both columns if on the scene			Incident Commander, if known:	
☐ Fire Department ☐ Local DNR ☐ EPA ☐ Local Law Enforcement ☐ Div. Emerg. Mgt. ☐ Nat'l Resp Ctr 800-442-8802 ☐ LEPC or Local Emer. Mgt. ☐ Coast Guard ☐ Chemtrec 800-424-9300 ☐ Level A/Level B Team ☐ DHFS 608-258-0099 ☐ Other:				
Prepared by:	Phone:	Date:	Rpt'd to DATCP? ☐ Yes ☐ No	
Person Notified:	Phone:	Date:	Time:	
Investigated by:	Sign	Date	Incident Closed? ☐ Yes ☐ No Date:	
Spill Coordinator Signoff:	Date:	Transferred to: ERP ☐ DATCP ☐ Date: Case #	NFA Letter Sent? ☐ Yes ☐ No Spill Packet Sent? ☐ Yes ☐ No To:	

☐ Additional Comments on Reverse

PLEASE PRINT

State of Wisconsin Substance Release Report (Con't)
Form 4401-91 Rev. 2-99

Date and Military Time of Incident:	Responsible Party:
Additional Comments:	
Case Activity Report: ☐ Yes ☐ No CAR#: (Please attach copy of all CAR and other documentation)	
Enforcement Action: ☐ Yes ☐ No (Explain Below)	

Figure 4: Truck Routes and Highways and Airports

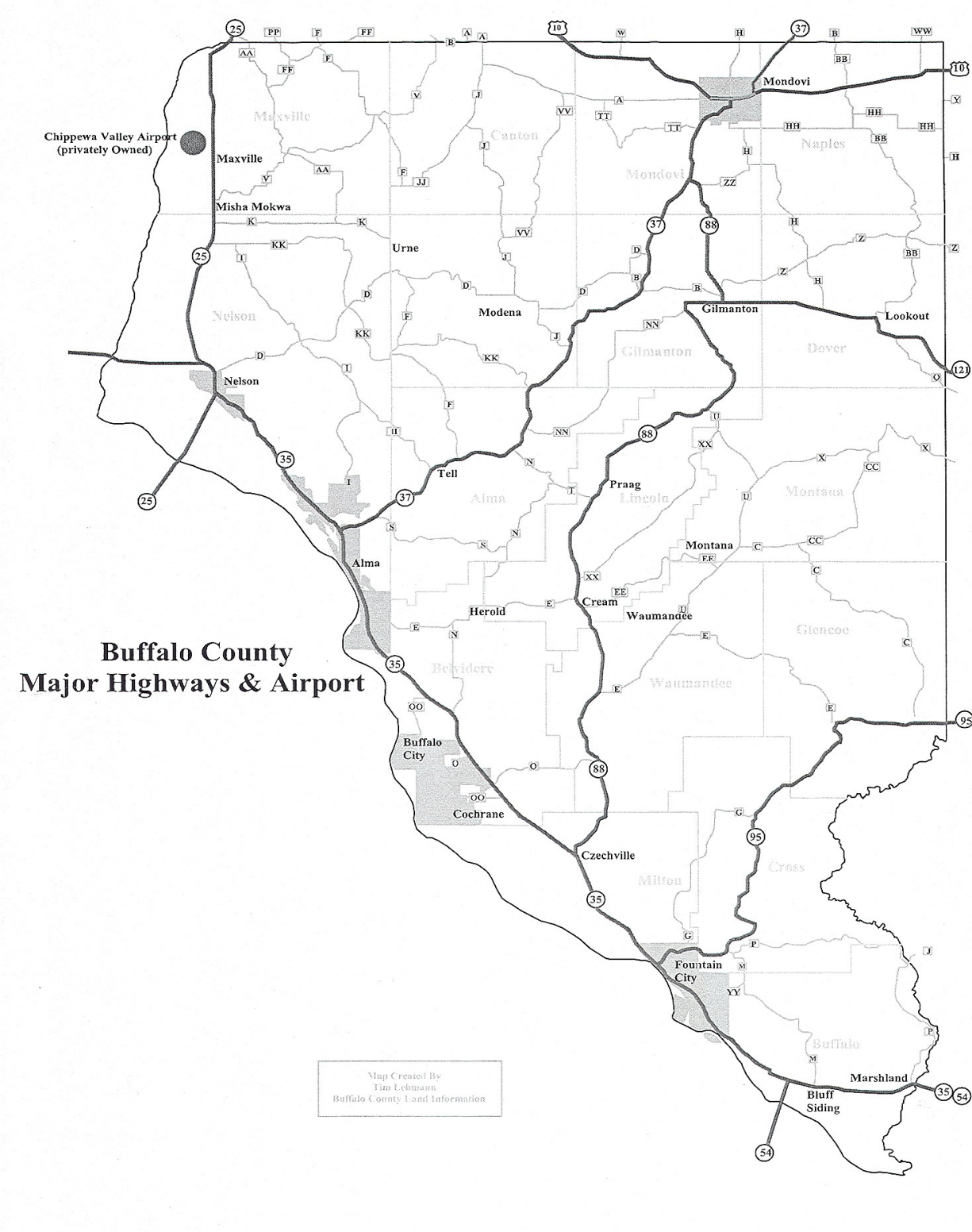


Figure 5: Railroads

BURLINGTON NORTHERN & SANTE FE RAILROAD

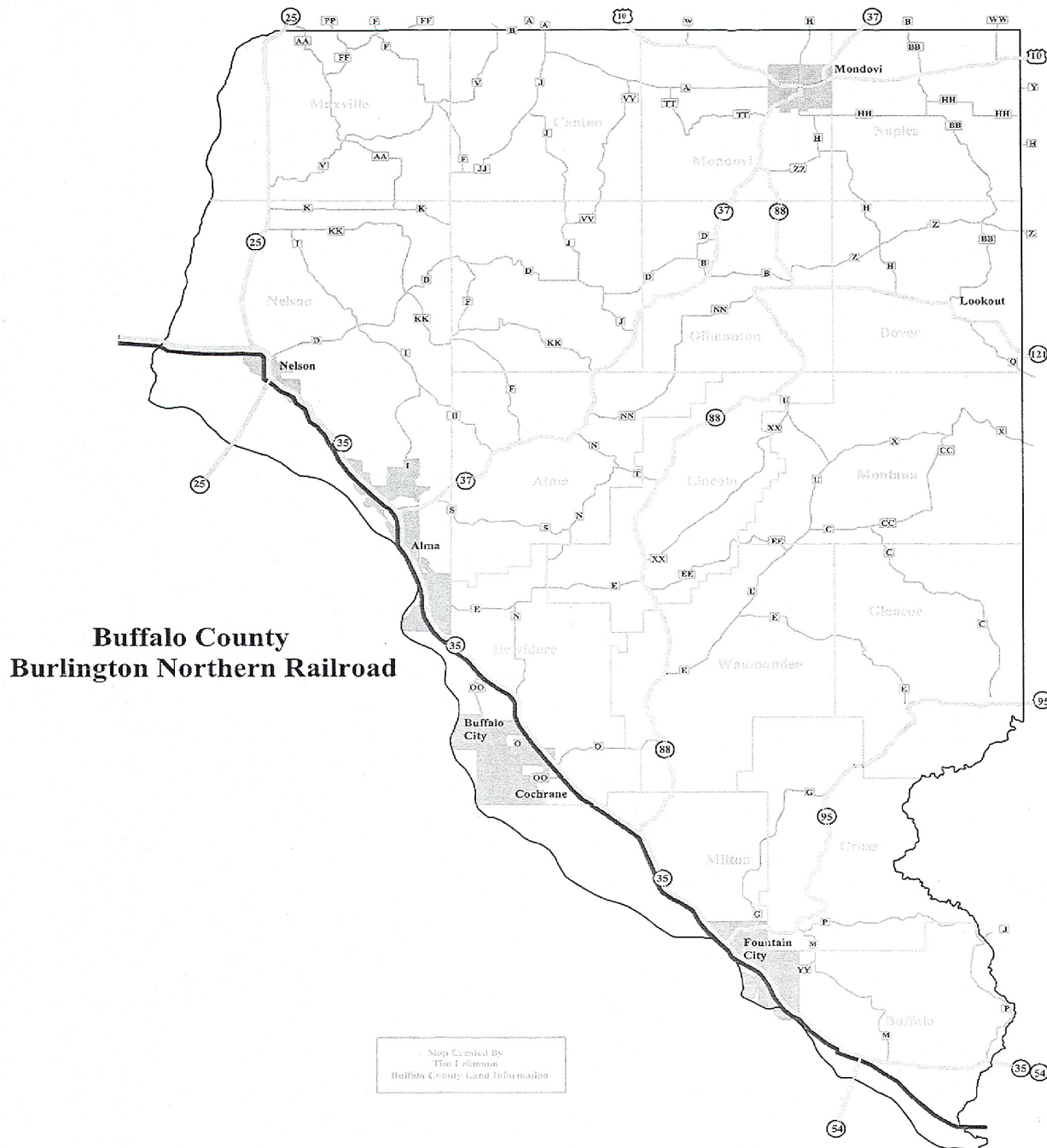


Figure 6: Natural Gas Pipelines

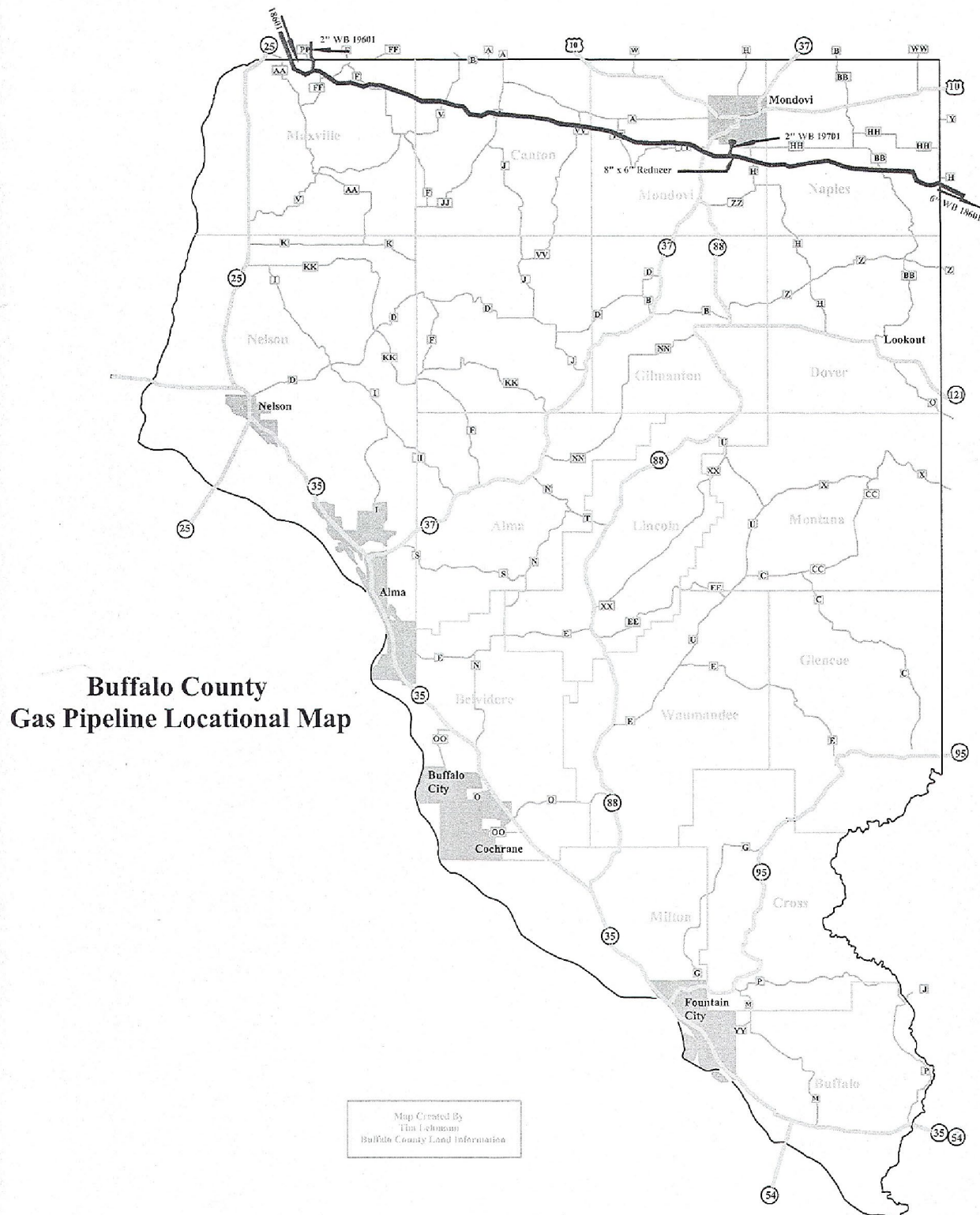


Figure 7: Hazardous Materials Exercise History

2012-2022 Exercise History

Grant Year	Type of Exercise	Date of Exercise	Location of Exercise	Scenario Types	Facility Name	EHS Chemical & CAS #
2013	Tabletop	04.15.2013	Fountain City	Propane Tank	NA	Propane
2013	Full Scale	04.27.2013	Fountain City	Propane Tank	NA	Propane
2014	Functional	10.3.2014	La Crosse	Tanker Car	Rail	Bakken Crude (1276)
2015	Actual	11.07.15	Alma	Tanker	Rail	Denatured Alcohol
2015	Tabletop	12.16.2015	Pepin	Tanker	Rail	(1276) Crude
2018	Tabletop	8.04.18	Fountain City	Tanker Car	Rail	(1276) Crude
2019	Functional	8.15.2019	Fountain City	River/Train Transportation	Rail / Barge	(1276) Crude
2020	Full Scale	5.15.2020	Alma	Pandemic	County Hwy. Dept.	Pandemic Virus
2021	Full Scale	4.24.2021	Fountain City	Tanker	Rail/Barge	(1276) Crude

Figure 8: LEPC Membership List

1. Name	2. Group	3. Agency/Organization	4. Appt. Date	5. Position
Tom Hentges	2	Fountain City Fire Dept.		Chair
Lisa Schmitt	1	County Elected Official		Secretary
Lee Engfer	1	Buffalo County PIO		
Steven Wall	2	County Emergency Manager		
Leif Toloken	5	Dairyland Power		Vice Chair
Burlie Williams	4	Red Cross		
David Brommerich	3	Brommerich Media		
Mike Osmond	2	County Sheriff		
Jamie Weaver	2	County Public Health		
Justin Sass	2	County EMS		
Carri Renchin	2	County Health and Human Services		
Gill Adams	2	County Highway Commissioner		
JJ Redeman	2	WI DNR		
Jacqueline Schneider	4	County GIS		
Dennis Bork	1	County Board Chair		
Jake Laehn	2	County Chief Deputy		
Cale Severson	2	County Land Conservationist		

APPENDICES (COUNTY-WIDE PLAN)

- A. See: Offsite Facility Plans for more specific information
- B. See **Attachment II** for a list of offsite planning facilities --names and WEM Facility ID numbers

ATTACHMENTS (STRATEGIC PLAN)

Attachment I: Spill Report Forms/Spill History

Incident Date	Responsible Party	Substance Spilled	Quantity
11/02/2014	DAN LARSON	DIESEL (Petroleum)	50 Gallons, 45 recovered. Vehicle fire and hose melted.
6/16/14	Arcadia Cooperative	Roundup Power Max EPA 624-548	100 gallons lost, 600 transferred to another tank. Boomed, bagged, and reclaimed.
11.07.15	BNSF	Denatured Alcohol	18000 gallons approximate. Multiple tanker cars derailed in N. of Alma, WI
5.16.2016	Private Contractor	Diesel	Owner-operator tractor trailer turned over on STH 37 IVO Tiffany Bottoms, spilling ~50+ Gal. of Diesel Fuel, which required Boom to contain.
4.28.2017	Bauer Built	Diesel	Bauer Built Truck side swiped, approx. 50 Gal. of diesel released.
May 2018	Various locations (3)	Manure Spills	Clean-up completed
April 2019	Nelson	Manure Spill	Clean-up completed
06.17.2020	Blacks Valley AG	Hydraulic Fluid	25 gal; 3 gal. recovered; hydraulic line broke; most of spill on asphalt; clean-up completed
06.26.2020	Countryside Coop	Hydraulic Oil	5 gal; hydraulic line ruptured; clean-up completed.
09.02.2020	Unknown Responsible Party	Black Oil	5 gal; unknown clean-up effort at time of report
11.17.2020	US Army Corps of Engineers	Engine Oil	1 gal; released into water from crane sliding into the back channel of the Mississippi River.
2.8.2021	Dairyland Power	Bottom Ash Wastewater	500 gal, coupling in pipe broke, Spilled on soil, and melted snow, some sprayed on bank of river but not in the river itself.
7.23.2021	Dairyland Power	Bottom Ash Wastewater	500 gal, Coupler came loose, minimal bottom ash was in water that was released, street sweeper used in parking lot to clean up spill
9.28.2021	Practical Applications- Chris Lindstrom- owner	Manure	6500 gal, driver tried turning around in driveway, got stuck and dumped load, majority of spill cleaned up by septic company

11.2.2021	Practical Applications- Chris Lindstrom- owner	Manure	6500 gal, cause unknown, Septic company cleaned up spill
12.3.2021	Dairyland Power	Wastewater	300 gal, human error, spilled into parking lot and storm drain, solids were swept up and samples taken.
9.29.2022	Dairyland Power	Reverse Osmosis Water	200 gal, digging was performed to add piping to the area, causing the existing pipe to flex, releasing reverse osmosis water. About 10ft underground, water still in soil
10.6.22	Dairyland Power	Wastewater	500 gal, drains backed up, and some of the water went out of a door into the grass just outside the facility, water is somewhat caustic.
2.8.23	Mondovi Cenex	Diesel	25 gal. Overfill by customer, contained on a non-pervious surface
6.15.23	Alcivia	Dry Fertilizer	7000 lbs. equipment failure, fertilizer was swept up and hauled back to plant
6.19.23	John Nelson	Herbicides	5 gal. water trailer went off road and rolled, roundup ended up in ditch and yard.
10.9.23	Mar-Bec Dairy	Manure	3000 gal. Vehicle rolled over spilled manure in ditch and grasses water way. 100% cleaned up by dairy farmer.
10.9.23	Maxville Truck and Repair	Manure	4500-6000 gal. Semi went into ditch causing tank to leak. Maxville Truck had equipment on scene to clean up the spill
11.13.23	Chippewa Valley Energy	Diesel	5 gal. Truck went off road and onto its side. Containment systems were set up and only about 5 gallons leaked from tank.
3.6.24	Buffalo County	Road Salt/Brine	Structure fire melted holding tanks, released approx. 2500 gallons of brine
3.26.24	Kwik Trip	Gasoline	Approx. 5 gallons of gas over pumped. Made it into storm drain.
7.5.24	Tim Stanton	Manure	Hauling manure in semi and spilling on roadway
11.15.24	Oak View Farms	Manure	Over application, reached surface water. Approx. 5000 gallons
1.29.25	Dairyland Power	Leachate from coal ash	20 gals of coal ash leachate overflowed while filling a tote
5-14-2025		Ammonium nitrate fertilizer	24k was spilled from semi, clean up was completed by BNSF and

Attachment II: Off-Site Facility Listing

Wisconsin Department of Military Affairs Division of Emergency Management Hazardous Materials Safety Unit List of Planning Facilities by Municipality							
BUFFALO COUNTY							
<u>Municipality</u>	<u>Fac ID#</u>	<u>Facility name and address</u>	<u>Owner Name</u>	<u>Facility Type*</u>	<u>Most Recent EPN Submission</u>	<u>Date ORP Certified by LEPC</u>	<u>Grant Year</u>
<u>ALMA, CITY OF - Buffalo</u>							
	3090	DAIRYLAND POWER/J.P. MADGETT Station 500 OLD STH 35 ALMA, Wisconsin 54610	DAIRYLAND POWER COOPERATIVE	P R	1992	05-13-2025	2025
<u>COCHRANE, VILLAGE OF - Buffalo</u>							
	84276	LA CROSSE MILLING COMPANY 105 STATE HIGHWAY 35 COCHRANE, Wisconsin 54622	LA CROSSE MILLING COMPANY	P R	2025		
<u>MONDOVI, CITY OF - Buffalo</u>							
	170946	MONDOVI, CITY OF 156 SO. FRANKLIN MONDOVI, Wisconsin 54755	City of Mondovi	P R	1997	05-13-2025	2025
	170958	MONDOVI, CITY OF 950 NO. HARRISON MONDOVI, Wisconsin 54755	CITY OF MONDOVI	P R	1997	05-13-2025	2025
	170960	MONDOVI, CITY OF 888 Schmidtknecht Road MONDOVI, Wisconsin 54755	CITY OF MONDOVI	P	1997	05-13-2025	2025
	17027	SPF NORTH AMERICA 431 SOUTH WASHINGTON STREET MONDOVI, Wisconsin 54755	SPF North America	P R	2023	05-13-2025	2025
Total Planning Facilities for BUFFALO COUNTY : 6							
Total Planning Facilities : 6							

Attachment III: Tier II Reporting Facilities

Facility ID	Facility Name	Address
4501	Alcivia- Waumandee LP	S1853 County Rd. U, Waumandee, WI 54622
8117	Alcivia- Mondovi LP	753 E Main St, Mondovi, WI 54755
75689	Alma Highway Shop	S1672 State Rd. 37, Alma, WI 54610
146696	Alma Offsite Ash Disposal Facility	S2180 State Rd 35, Alma, WI 54610
200664	Alma Storage	S2326 County Rd. N, Cochrane, WI 54622
202563	BNSF Railway Company	Cochrane, WI 54622
202564	BNSF Railway Company	Alma, WI 54610
200384	Buffalo White Sand	S503 Barn Swallow Trail, Mondovi, WI 54755
194780	Cochrane-Fountain City School Dist	S2770 State Hwy 35, Fountain City, WI 54629
202710	Consolidated Energy LP Tank	261 N Main St, Cochrane, WI 54622
3090	Dairyland Power/J.P. Madget Station	500 Old STH 35, Alma, WI 54610
25634	Dodge Fuel LLC	S3176 County Hwy. P, Fountain City, WI 54629
75691	Fountain City Highway Shop	S2980 STH 35, Fountain City, WI 54629
136768	Fountain City Service Base	W679 State Hwy. 35, Fountain City, WI 54629
84276	La Crosse Milling Company	105 State Hwy 35, Cochrane, WI 54622
136512	Lock & Dam #4	420 N Main St., PO Box 325 Alma, WI 54610
194837	Marten Transport	129 Marten St., Mondovi, WI 54755
202715	Mondovi Highway Shop	360 S Eau Claire St, Mondovi, WI 54755
170946	City of Mondovi	156 S. Franklin St., Mondovi, WI 54755
170958	City of Mondovi	900 N. Harrison St., Mondovi, WI 54755
170960	City of Mondovi	681 Riverside, Mondovi, WI 54755
154461	Pilgrims Holding Shed	W112 Hwy 95, Arcadia, WI 54612
83624	Premier Cooperative	267 N. Main St., Cochrane, WI 54622
198007	Premier Cooperative	S3176 County Hwy P, Fountain City, WI 54625
136160	School District of Alma	S1618 State Rd. 35, Alma, WI 54610
17027	SPF North America, LLC	431 S. Washington St., Mondovi, WI 54755
194373	Suburban Propane	W902 US Hwy 10, Mondovi, WI 54755
23442	Suburban Propane	998 E. Main St., Mondovi, WI 54755
201382	Thaler Oil Company, Inc	S151 County Rd. BB, Mondovi, WI 54755
200307	Tractor Central, LLC	994 E. Main St., Mondovi, WI 54755

Serts ID	Incident Date	Responsible Party
20250130WC06-1	1/30/2025	Dairyland Power Cooperative
20250514WC06-2	5/14/2025	BNSF Railway
20250514WC06-1	5/14/2025	Buffalo Sheriff Dept
20250703WC06-1	7/3/2025	Marty Wayne
20250903WC06-1	9/3/2025	Dispatch (DNR HOTLINE)
20250924WC06-1	9/24/2025	Dispatch (DNR HOTLINE)
20251016WC06-1	10/16/2025	Practical Applications
20251105WC06-1	11/5/2025	Dairyland Power Cooperative
20251201WC06-1	12/1/2025	Buffalo Sheriff Dept
20260209WC06-1	2/9/2026	Milestone Materials
20260420WC06-1	4/20/2026	Ellis Acres LLC
20260504WC06-1	5/4/2026	Unknown
20260608WC06-1	6/8/2026	Joe Bragger
20260710WC06-1	7/10/2026	NMC Transportation

PILL REPORT LOG	
Substance Spilled	Quantity
Leachate	20gals released/20gals recovered
Fertilizer*AG	Unknown
Ammonium Nitrate	12 ton released/recovered
Herbicides (pesticide/Herbicide/Insecticed	200gals
Manure	Investigated False Claim
Varnish and Paints	Unknown
Manure	5500 gals/Clean up complete
Hydraulic Oil	10gals released/2gals recovered
Diesel	Unknown
Diesel	10 gals
Manure	500,000 spread and ran off in daneuser creek
AG FERTILIZER	Unknown
Diesel	unknown
Diesel	70 gals



Budget Report

Account Summary

For Fiscal: 2026 Period Ending: 07/31/2026

		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 100 - GENERAL FUND							
Expense							
100.14.51540.111.0000	RISK MGT: SALARIES	21,484.19	21,484.19	2,478.96	12,146.90	9,337.29	43.46 %
100.14.51540.151.0000	RISK MGT: SOCIAL SECURITY	1,689.10	1,689.10	193.17	953.11	735.99	43.57 %
100.14.51540.152.0000	RISK MGT: RETIREMENT-EMPLOYER...	1,546.86	1,546.86	178.50	874.64	672.22	43.46 %
100.14.51540.155.0000	RISK MGT: LIFE INSURANCE	4.10	4.10	0.49	3.05	1.05	25.61 %
100.14.51540.157.0000	RISK MGT: HEALTH INSURANCE INC...	720.00	720.00	60.00	420.00	300.00	41.67 %
100.14.51540.320.0000	RISK MGT: PUBLICATIONS,SUBSCRIP...	80.00	80.00	0.00	0.00	80.00	100.00 %
100.14.51540.321.0000	RISK MGT: ADVERTISING & PRINTI...	50.00	50.00	0.00	0.00	50.00	100.00 %
100.14.51540.324.0000	RISK MGT: MEMBERSHIP DUES & LI...	125.00	125.00	0.00	0.00	125.00	100.00 %
100.14.51540.326.0000	RISK MGT: REGISTRATION FEES & T...	200.00	200.00	0.00	0.00	200.00	100.00 %
100.14.51540.327.0000	RISK MGT: EMPLOYEE EDUCATION ...	250.00	250.00	0.00	0.00	250.00	100.00 %
100.14.51540.328.0000	RISK MGT: CLOTHING	600.00	600.00	0.00	244.02	355.98	59.33 %
100.14.51540.337.0000	RISK MGT: MEALS	100.00	100.00	0.00	0.00	100.00	100.00 %
100.14.51540.338.0000	RISK MGT: LODGING	250.00	250.00	0.00	0.00	250.00	100.00 %
100.14.51540.351.0000	RISK MGT: VEHICLE GAS	600.00	600.00	0.00	0.00	600.00	100.00 %
100.14.51540.991.0000	RISK MGT: MISC EXPENSES	6,000.00	6,000.00	0.00	51.74	5,948.26	99.14 %
Expense Total:		33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%
Fund: 100 - GENERAL FUND Total:		33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%
Report Total:		33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%

Group Summary

Account Typ...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	Percent Remaining
					Favorable (Unfavorable)	
Fund: 100 - GENERAL FUND Expense	33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%
Fund: 100 - GENERAL FUND Total:	33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%
Report Total:	33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance	Percent Remaining
					Favorable (Unfavorable)	
100 - GENERAL FUND	33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%
Report Total:	33,699.25	33,699.25	2,911.12	14,693.46	19,005.79	56.40%

LA CROSSE MILLING COMPANY
105 STATE HIGHWAY 35
COCHRANE, WI 54622
WEM ID#: 84276

MARCH 2026

FACILITY NOTIFICATION REQUIREMENTS

IN CASE OF SPILL/RELEASE CALL:

1. NOTIFY THE STATE EMERGENCY RESPONSE BOARD/DEPARTMENT OF NATURAL RESOURCES BY CALLING:

1-800-943-0003

NOTIFY BUFFALO COUNTY OFFICE OF EMERGENCY MANAGEMENT BY CALLING:

9-1-1 or 608-685-6298

NOTIFY THE NATIONAL RESPONSE CENTER BY CALLING:

1-800-424-8802

2. SUBMIT A **WRITTEN** FOLLOW-UP NOTICE TO:

LOCAL EMERGENCY PLANNING COMMITTEE
BUFFALO COUNTY COURTHOUSE
PO BOX 492
ALMA WI 54610-0492

WISCONSIN EMERGENCY MANAGEMENT
PO BOX 7865
MADISON WI 53707-7865

LA CROSSE MILLING COMPANY
105 STATE HIGHWAY 35
COCHRANE, WI 54622
WEM ID#: 84276

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EPCRA OFF-SITE PLAN FOR
LA CROSSE MILLING COMPANY

WEM ID#: 84276

I. FACILITY: LA CROSSE MILLING COMPANY
105 STATE HIGHWAY 35
COCHRANE WI 54622

II. FACILITY COORDINATOR:	ALTERNATE COORDINATOR:
Kylie Burros 608-248-2222 x1236	Scott Reynen 608-248-2222x204
24 hour notification: 507-429-2709	24 hour notification: 262-315-6449

III. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES (EHS's):

	<u>CHEMICAL/</u>	<u>CONTAINER</u>	<u>MAX</u>	<u>WORST</u>	
<u>CAS #</u>	<u>TRADE NAME</u>	<u>SIZE</u>	<u>AMT.</u>	<u>VUL.</u>	<u>URBAN/</u>
7664939	Sulfuric Acid	Batteries	5273.4 Lbs.	<0.1	<u>RURAL</u>
					U

OTHER HAZARDOUS MATERIALS:

CAS#	TRADE NAME	MAX. AMT	LOCATION
7439921	Lead	18217.2 lbs	
74986	Propane/LPG	21504 lbs.	
68476346	Petroleum Distillate	17138 lbs.	

IV. PRIMARY EMERGENCY RESPONDERS

Tri-Community Fire Dept.	9-1-1
Scenic Valley Ambulance Service	9-1-1
Buffalo County Sheriff	9-1-1

V. SUPPORT AVAILABLE AT/FROM FACILITY

OUTSIDE RESOURCES

Department of Natural Resources	715-839-3796
Wisconsin Emergency Management	608-242-3232 or
(Emergency #)	800-943-0003
Emergency Management (County)	608-685-6298
Chemtrec	800-424-9300
National Response Center	800-424-8802
Nat'l. Pesticide Telecomm. Network	800-858-7378
West Central Wisconsin Hazardous Response Team	800-943-0003
(Approximately 1 – 1 ½ hour response time)	

Buffalo County does not have a designated Level B Team, calls to the above West Central Wisconsin Hazardous Response Team would be necessary.

VI. GENERAL INFORMATION/ASSUMPTIONS

The vulnerability zones set forth in this Plan are based on the EPA Technical Guidance for Hazard Analysis. The zones are based on a credible worst-case scenario and identify the potential area for impact should an air-borne release of a single chemical occur.

The vulnerability zones and NOT intended to be used as a guide in population protection in fire-related incidents. Fire incidents were considered in the development of this plan and the plan provides basic information about the facility for first responders to employ. However, in an actual fire situation at this facility, the Incident Commander is strongly recommended to reference the fire department's own individual agency pre-emergency plans as well as the County's Emergency Operations Plan – Annex K: Fire and Rescue, as they may relate to this facility when making any decisions at an incident involving fire.

Further, fire departments that would respond to an incident at this facility are strongly encouraged to meet with facility representatives to determine ways to minimize an event at the facility and to determine what additional information and factors should be taken into consideration in the event of a fire, should one occur.

The field incident commander shall determine the actual response to an incident and the affected area may vary from the planning vulnerability zones identified in this Plan. Depending on wind speed and direction, the amount of material released and other pertinent factors, the ACTUAL vulnerability zone may be smaller, and in some instances, larger, than the credible worst case vulnerability zone identified herein.

The vulnerability zones in this Plan are computed using Levels of Concern from the solid form of the chemical. EHS's with vulnerability zones are solids in solution. The vulnerability zones identified in this Plan are for general PLANNING PURPOSES. Discretion should be used by incident command because of the volume of substances stored at this facility.

VII. HAZARD ANALYSIS FOR LA CROSSE MILLING COMPANY

La Crosse Milling Company facility is a premier miller of nature's miracle grain in Buffalo County, WI. This facility is located on the west side of HWY 35 in the Village of Cochrane. There are 423 residences in the immediate proximity (within ½ mile) of the facility. The site is bordered by residences and industrial zoned use properties.

The main facility consists of an office, manufacturing spaces, and warehouse areas. The facility is surrounded by a mix of paved/gravel access road and parking lots as well as grassy areas. Surface drainage flows to the south and southwest.

EHS: **Battery Acid:** a highly corrosive acid made from sulfur dioxide; widely used in the automotive, agricultural, industrial, and chemical industries.

EHS CHEMICAL:	BATTERY ACID 1.265
FORM:	LIQUID
CONTAINER SIZE:	2000 LBs
CONCENTRATION:	40%

Parameters used in the hazard analysis:

Level of Concern: 1/10 IDLH

Duration of Release: 1 minute

WORST CASE SCENARIO:

Rural

Wind Speed: 3.4 mph

Atmospheric Stability Class: F

Vulnerability Zone: <0.1 miles

RE-EVALUATION SCENARIO:

Rural

Wind Speed: 11.9 mph

Atmospheric Stability Class: D

Vulnerability Zone: <0.1 miles

VIII. SPECIAL FACILITIES AFFECTED

None affected.

IX. POPULATION PROTECTION

The evacuation area for La Crosse Milling Company is based upon the release of Battery Acid. The hazard analysis as outlined in the EPA's Technical Guidance for Hazard Analysis" identified Battery Acid as the major chemical hazard present at the facility. The volume of substances stored at the facility is small and contained within a building. The facility is located on the East side of Cochrane, on the West side of HWY 35. The <.01-mile vulnerability zone does extend off of the property and would affect approximately 41 residences.

Should evacuation be necessary, residents of Cochrane would be notified by public address system and Tri Community Fire Department and Law Enforcement; however, this would not be likely due to the size and containment.

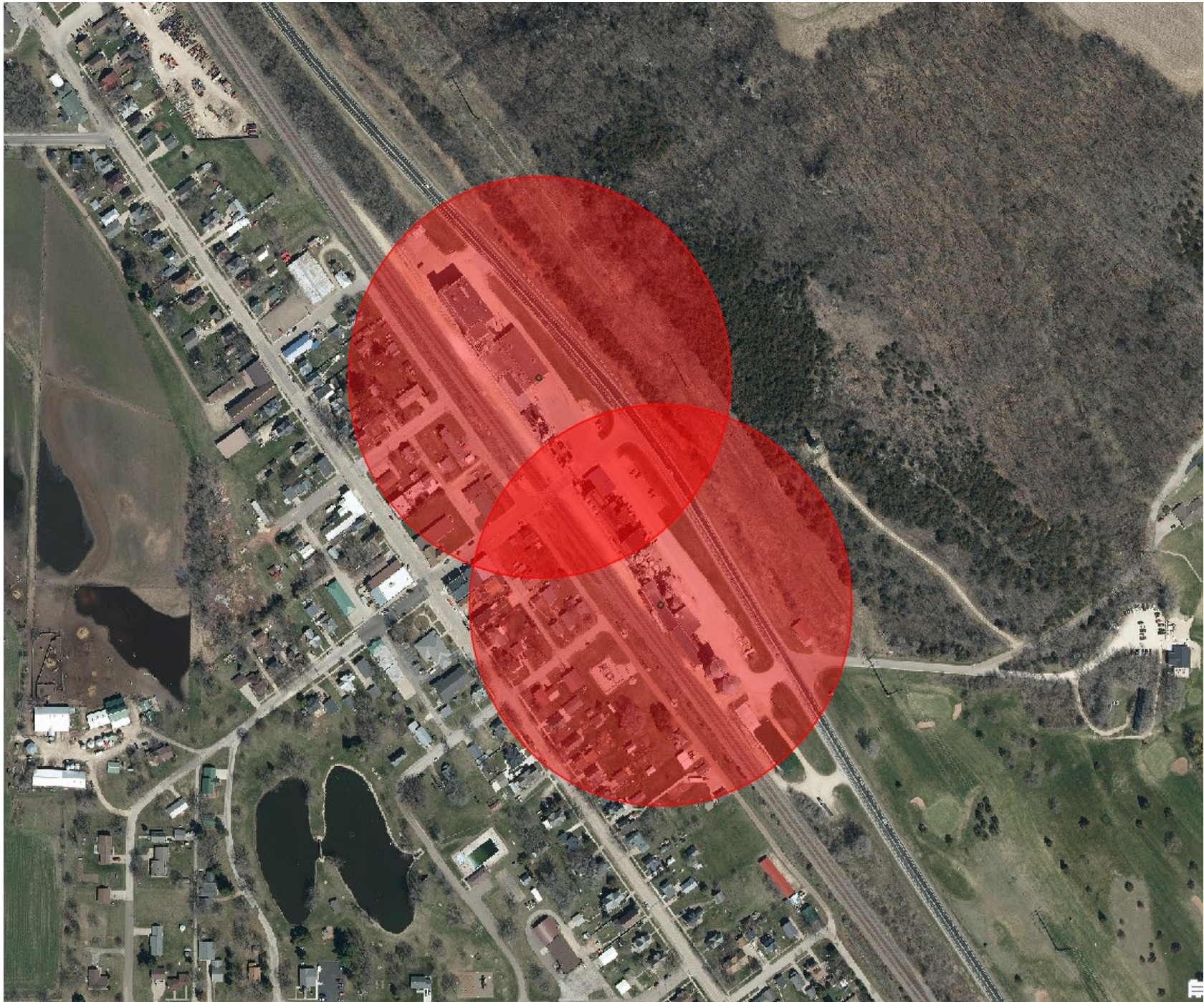
The determination to shelter in place or evacuate will be made by the on-scene commander.

Additional information on population protection can be found in the Buffalo County EOP and in the Buffalo County Emergency Operations Plan (EOP) Annex E,

X. SPECIAL CONSIDERATIONS

If a spill occurs, which is not confined to the building, DNR Spill hotline will be contacted immediately. The area has a relatively low water table and seasonal saturation of the surrounding soils is prevalent.

ATTACHMENT A
Vulnerability Zone Map



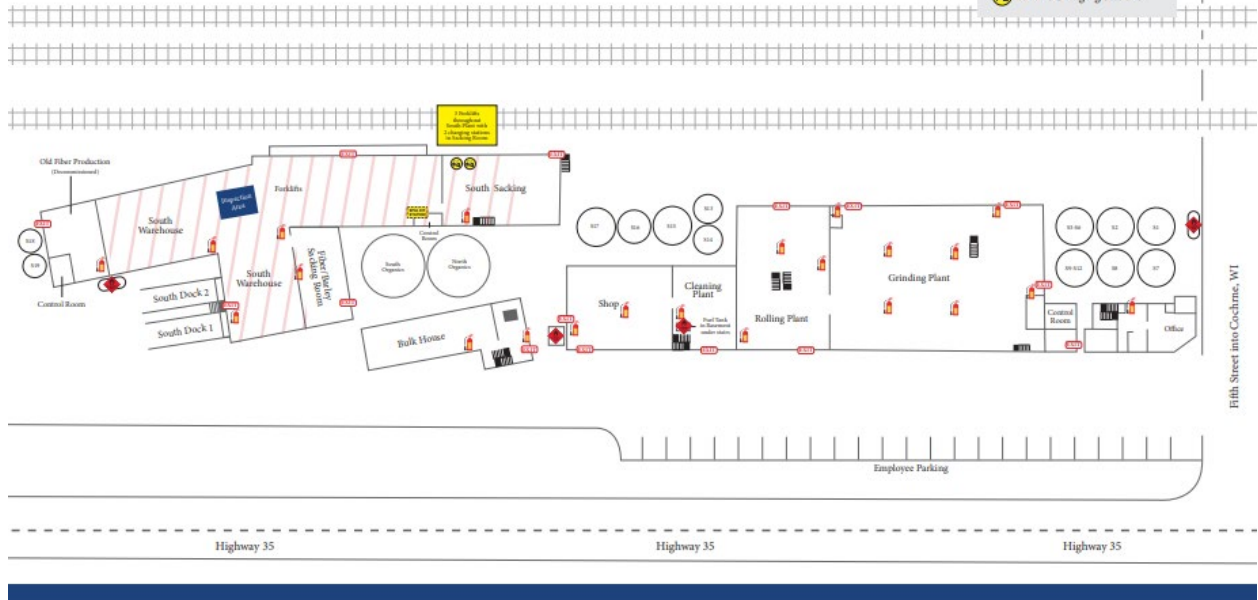
ATTACHMENT B
Facility Diagram



South Plant Safety Map

Hazardous Material Locations

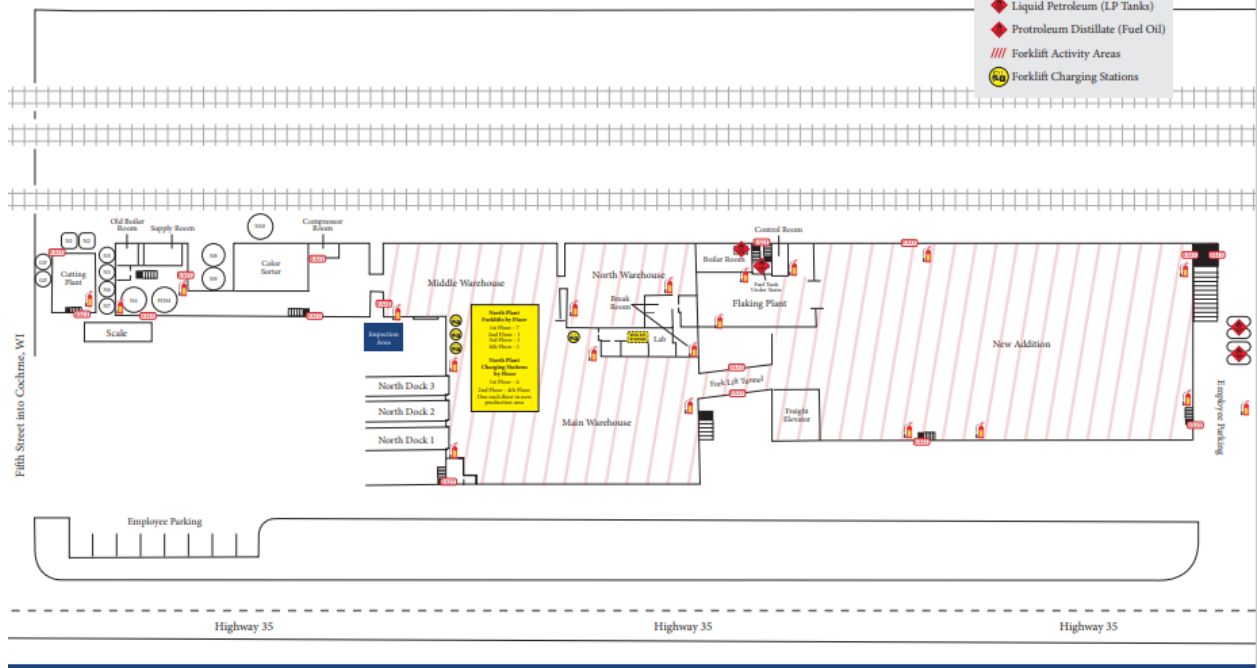
Key	
	Fire Extinguishers
	Spill Kit Locations
	Exits
	Liquid Petroleum (LP Tanks)
	Proroleum Distillate (Fuel Oil)
	Forklift Activity Areas
	Forklift Charging Stations



North Plant Safety Map

Hazardous Material Locations

Key	
	Fire Extinguishers
	Spill Kit Locations
	Exits
	Liquid Petroleum (LP Tanks)
	Proroleum Distillate (Fuel Oil)
	Forklift Activity Areas
	Forklift Charging Stations



ATTACHMENT C
Facility Arial View





EXPONENTIAL POWER, INC.
LEAD ACID BATTERY WET, FILED WITH ACID

HAZARD RATING



SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LEAD ACID BATTERY, WET	PRODUCT USE: ELECTRIC STORAGE BATTERY
CHEMICAL FAMILY: THIS PRODUCT IS A WET ACID STORAGE BATTERY	
MANUFACTURER'S NAME: EXPONENTIAL POWER, INC.	EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300 INTERNATIONAL (703) 527-3887
ADDRESS: N56W16665 RIDGEWOOD DR MENOMONEE FALLS, WI 53051	OTHER INFORMATION CALLS: 1.800.554.2243 262.703.5800
PERSON RESPONSIBLE FOR PREPARATION: MIKE HAGEN – SENIOR VICE PRESIDENT, OPERATIONS	REVISION DATE: FEBRUARY 15, 2020

SECTION 2 – GHS HAZARD IDENTIFICATION

Signs and Symptoms of Exposure	1. Acute Hazards Do not open battery. Avoid contact with internal components. Internal components include lead and liquid electrolyte. Electrolyte - Electrolyte is corrosive and contact may cause skin irritation and chemical burns. Electrolyte causes severe irritation and burns of eyes, nose and throat. Ingestion can cause severe burns and vomiting. Lead -Direct skin or eye contact may cause local irritation. Inhalation or ingestion of lead dust or fumes may result in headache, nausea, vomiting, abdominal spasms, fatigue, sleep disturbances, weight loss, anemia and leg, arm and joint pain.
2. Sub-chronic and Chronic Health Effects	Electrolyte - Repeated contact with sulfuric acid battery electrolyte fluid may cause drying of the skin which may result in irritation, dermatitis, and skin burns. Repeated exposure to sulfuric acid mist may cause erosion of teeth, chronic eye irritation and/or chronic inflammation of the nose, throat and lungs. Lead - Prolonged exposure may cause central nervous system damage, gastrointestinal disturbances, anemia, and wrist-drop and kidney dysfunction. Pregnant women should be protected from excessive exposure to prevent lead from crossing the placental barrier and causing infant neurological disorders.
Medical Conditions Generally Aggravated by Exposure	If battery is broken or material is spilled, then persons with the following medical conditions must take precautions: pulmonary edema, bronchitis, emphysema, dental erosion and tracheobronchitis.

ATTACHMENT C
Safety Data Sheet

Routes of Entry	Inhalation - YES Ingestion - YES	Eye Contact - YES Skin Contact - YES				
Chemical(s) Listed as Carcinogen or potential Carcinogen	Proposition 65 - YES	National Toxicology Program - YES	I.A.R.C. Monographs - YES	OSHA - NO	EPA CAG - YES	NIOSH - YES

Health		Environmental	Physical
Acute Toxicity (Oral/Dermal/Inhalation) Skin Corrosion/Irritation Eye Damage Reproductive Carcinogenicity (lead compounds) Carcinogenicity (arsenic) Carcinogenicity (acid mist) Specific Target Organ Toxicity (repeated exposure)	Category 4 Category 1A Category 1 Category 1A Category 1B Category 1A Category 1A Category 2	Aquatic Chronic 1 Aquatic Acute 1	Explosive Chemical, Division 1.3

Signal Word: DANGER

GHS LABEL

Health	Environmental	Physical
  		
Hazard Statements DANGER! Harmful if swallowed, inhaled, or in contact with skin. Acid causes severe burns and eye damage. May damage fertility or the unborn child if ingested or inhaled. May cause harm to breast-fed children. May cause cancer if ingested or inhaled. Causes skin irritation, serious eye damage. Contact with internal components may cause irritation or severe burns. Causes damage to central nervous system, blood and kidneys, through prolonged or repeated exposure if ingested or inhaled.	Precautionary Statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid contact during pregnancy/while nursing. Wear protective gloves/protective clothing, eye protection/face protection. Use only outdoors or in a well-ventilated area. Avoid contact with internal acid. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. No smoking. If swallowed or consumed: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor if you feel unwell. If on clothing, skin, or hair: Remove/take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.	

ATTACHMENT C
Safety Data Sheet

Irritating to eyes, respiratory system, and skin. May form explosive air/gas mixture during charging. Explosive, fire, blast, or projection hazard.	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed/concerned, or you feel unwell seek medical attention/advice. Store locked up in a well-ventilated area, in accordance with local and national regulation. Dispose of contents/container in accordance with local and national regulation. Keep out of reach of children.
--	--

HEALTH HAZARDS		
Acute Toxicity	Signal Word	Hazard Statement
Oral A.1 (6)	Warning	H302: Harmful if swallowed
Dermal A.1 (5)	Warning	H312: Harmful in contact with skin
Inhalation A.1 (5)	Warning	H332: Harmful if inhaled
Skin Irritation		
A.2 (2)	Warning	H315: Causes skin irritation
Skin Corrosion		
A.2 (1A,1B,1C)	Danger	H314: Causes serious skin burns and eye damage
Serious Eye Damage		
A.3 (1)	Danger	H318: Causes serious eye damage
Eye Irritation		
A.3 (2A)	Warning	H319: Causes serious eye irritation
Respiratory Sensitization		
A.4 (1A, 1B)	Danger	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sensitization		
A.4 (1A, 1B)	Warning	H317: May cause an allergic skin reaction
Germ Cell Mutagenicity		
A.5 (1A, 1B)	Danger	H340: May cause genetic defects
A.5 (2)	Warning	H341: Suspected of causing genetic defects
Carcinogenicity		
A.6 (1A, 1B)	Danger	H350: May cause cancer
A.6 (2)	Warning	H351: Suspected of causing cancer

Reproductive Toxicity		
A.7 (1A, 1B)	Danger	H360: May damage fertility or the unborn child.
A.7 (2)	Warning	H361: Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity Single Exposure		
A.8 (1)	Danger	H370: Causes damage to organs
A.8 (2)	Warning	H371: May cause damage to organs
Specific Target Organ Toxicity Repeated or Prolonged Exposure		
A.9 (1)	Danger	H372: Causes damage to organs
A.9 (2)	Warning	H373: May cause damage to organs
Aspiration Hazard		
A.10 (1)	Danger	H304: May be fatal if swallowed and enters airways
ENVIRONMENTAL HAZARDS		
Aquatic Toxicity Acute		
1.1	Warning	H400: Very toxic to aquatic life
Aquatic Toxicity Chronic		
2.1	Warning	H410: Very toxic to aquatic life with long lasting effects

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S.	PRINCIPAL HAZARDOUS COMPONENT(S) (Chemical & common name(s))	Hazard Category	% by Wt:
7439-92-1	Lead/Lead Oxide/Lead Sulfate	Acute-Chronic	60 - 97%
7440-36-0	Antimony	Chronic	0.5 - 2%
7440-38-2	Arsenic	Acute-Chronic	< 0.2%
7664-93-9	Sulfuric Acid (Battery Electrolyte)	Reactive-Oxidizer Acute-Chronic	10 - 38%
7440-70-2	Calcium	Reactive	< 0.15%
7440-31-5	Tin	Chronic	< 1.0%

SECTION 4 – FIRST AID MEASURES

INHALATION:

Sulfuric Acid: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Lead: Remove from exposure, gargle, wash nose and lips; consult physician.

INGESTION:

Sulfuric Acid: Give large quantities of water; Do NOT induce vomiting or aspiration into the lungs may occur and can cause permanent injury or death; consult physician.

Lead: Consult physician immediately.

SKIN:

Sulfuric Acid: Flush with large amounts of water for at least 15 minutes; remove contaminated clothing completely, including shoes. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse. Discard contaminated shoes.

Lead: Wash immediately with soap and water.

EYES:

Sulfuric Acid and Lead: Flush immediately with large amounts of water for at least 15 minutes while lifting lids; Seek immediate medical attention if eyes have been exposed directly to acid.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: LEL = 4.1% (Hydrogen Gas in air); UEL = 74.2%

Extinguishing media: CO₂; foam; dry chemical. Do not use carbon dioxide directly on cells. Avoid breathing vapors. Use appropriate media for surrounding fire.

Fire Fighting Procedures: Use positive pressure, self-contained breathing apparatus. Beware of acid splatter during water application and wear acid-resistant clothing, gloves, face and eye protection. If batteries are on charge, shut off power to the charging equipment, but note that strings of series connected batteries may still pose risk of electric shock even when charging equipment is shut down.

Hazardous Combustion Products: Highly flammable hydrogen gas is generated during charging and operation of batteries. If ignited by burning cigarette, naked flame or spark, may cause battery explosion with dispersion of casing fragments and corrosive liquid electrolyte. Carefully follow manufacturer's instructions for installation and service. Keep away all sources of gas ignition and do not allow metallic articles to simultaneously contact the negative and positive terminals of a battery. Follow manufacturer's instructions for installation and service.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Procedures for Cleanup: Stop release, if possible. Avoid contact with any spilled material. Contain spill, isolate hazard area, and deny entry. Limit site access to emergency responders. Neutralize with sodium bicarbonate, soda ash, lime or other neutralizing agent. Place battery in suitable container for disposal. Dispose of contaminated material in accordance with applicable local, state and federal regulations. Sodium bicarbonate, soda ash, sand, lime or other neutralizing agent should be kept on-site for spill remediation.

Personal Precautions: Acid resistant aprons, boots and protective clothing. ANSI approved safety glasses with side shields/face shield recommended. Ventilate enclosed areas.

Environmental Precautions: Lead and its compounds and sulfuric acid can pose a severe threat to the environment. Contamination of water, soil, and air should be prevented.

SECTION 7 – HANDLING AND STORAGE

Handling: Unless involved in recycling operations, do not breach the casing or empty the contents of the battery. Handle carefully and avoid tipping, which may allow electrolyte leakage. There may be increasing risk of electric shock from strings of connected batteries. Keep containers tightly closed when not in use. If battery case is broken, avoid contact with internal components. Keep vent caps on and cover terminals to prevent short circuits. Place cardboard between layers of stacked automotive batteries to avoid damage and short circuits. Keep away from combustible materials, organic chemicals, reducing substances, metals, strong oxidizers and water. Use banding or stretch wrap to secure items for shipping.

Storage: Store batteries under roof in cool, dry, well-ventilated areas separated from incompatible materials and from activities that may create flames, spark, or heat. Store on smooth, impervious surfaces provided with measures for liquid containment in the event of electrolyte spills. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit.

Charging: There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged will generate and release flammable hydrogen gas. Charging space should be ventilated. Keep battery vent caps in position. Prohibit smoking and avoid creation of flames and sparks nearby. Wear face and eye protection when near batteries being charged.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients:	OSHA PEL	ACGIH	US NIOSH	Quebec PEV	Ontario OEL	EU OEL
Lead, inorganic	0.05	0.05	0.05	0.05	0.05	0.15 (b)
Antimony	0.5	0.5	0.5	0.5	0.5	0.5 (b,d)
Tin	2	2	2			
Copper	1	1	1	1	1 (a)	0.1 (e)
Arsenic	0.01	0.01	0.01			
Sulfuric Acid	1	0.2	1	1	0.2	0.05 (c)
Polypropylene	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.

NOTES:

*Ingredients listed are representative of a typical industrial battery. Consult individual manufacturer's SDS for information relating to a specific battery.

(a) As dusts/mists (b) As inhalable aerosol (c) Thoracic fraction (d) Potential occupational carcinogen

(e) Based on OEL's of Austria, Belgium, Denmark, France, Netherlands, Switzerland, & U.K.

(f) Based on OEL of Belgium (g) Based on OEL of Netherlands

N.E. = Not Established

PEL's for individual states may differ from OSHA PEL's. Check with local authorities for the applicable state PEL's. OSHA - Occupational Safety and Health Administration; ACGIH - American Conference of Governmental Industrial Hygienists; USNIOSH - National Institute for Occupational Safety and Health.

Engineering Controls (Ventilation):

Store and handle in well-ventilated area. If mechanical ventilation is used, components must be acid-resistant. Handle batteries cautiously, do not tip to avoid spills. Make certain vent caps are on securely. If battery case is damaged, avoid bodily contact with internal components. Wear protective clothing, eye and face protection, when filling, charging or handling batteries. Do not allow metallic materials to simultaneously contact both the positive and negative terminals of the batteries. Charge batteries in areas with adequate ventilation. General dilution ventilation is acceptable.

Respiratory Protection (NIOSH/MSHA approved):

None required under normal conditions. When concentrations of sulfuric acid mist are known to exceed PEL, use NIOSH or MSHA-approved respiratory protection.

Skin Protection:

If battery case is damaged, use rubber or plastic acid-resistant gloves with elbow-length gauntlet, acid-resistant apron, clothing and boots.

Eye Protection:

If battery case is damaged, use chemical goggles or face shield.

Other Protection:

In areas where water and sulfuric acid solutions are handled in concentrations greater than 1%, emergency eyewash stations and showers should be provided, with unlimited water supply. Chemically impervious apron and face shield recommended when adding water or electrolyte to batteries. Wash Hands after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Properties Listed Below are for Electrolyte:			
Boiling Point:	210 - 245° F	Specific Gravity (H ₂ O = 1):	1.215 to 1.350
Melting Point:	N/A	Vapor Pressure (mm Hg):	10
Solubility in Water:	100%	Vapor Density (AIR = 1):	Greater than 1
Evaporation Rate: (Butyl Acetate = 1)	Less than 1	% Volatile by Weight:	N/A
pH:	~1 to 2	Flash Point:	Below room temperature (as hydrogen gas)
LEL (Lower Explosive Limit)	4.1% (Hydrogen)	UEL (Upper Explosive Limit)	74.2% (Hydrogen)
Appearance and Odor:	Manufactured article; no apparent odor. Electrolyte is a clear liquid with a sharp, penetrating, pungent odor.		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable X Unstable

This product is stable under normal conditions at ambient temperature.

Conditions to Avoid: Prolonged overcharge at high current; sources of ignition.

Incompatibilities: (materials to avoid)

Electrolyte: Contact with combustibles and organic materials may cause fire and explosion. Also reacts violently with strong reducing agents, metals, sulfur trioxide gas, strong oxidizers, and water. Contact with metals may produce toxic sulfur dioxide fumes and may release flammable hydrogen gas.

Lead Compounds: Avoid contact with strong acids, bases, halides, halogenates, potassium nitrate, permanganate, peroxides, nascent hydrogen, and reducing agents.

Arsenic Compounds: Strong oxidizers; bromine azide. NOTE: Hydrogen gas can react with inorganic arsenic to form the highly toxic gas – arsine

Hazardous Decomposition Products:

Electrolyte: Sulfur trioxide, carbon monoxide, sulfuric acid mist, sulfur dioxide, hydrogen sulfide.

Lead Compounds: Temperatures above the melting point are likely to produce toxic metal fume, vapor, or dust; contact with strong acid or base or presence of nascent hydrogen may generate highly toxic arsine gas.

Hazardous Polymerization:

Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry:

Sulfuric Acid: Harmful by all routes of entry.

Lead Compounds: Hazardous exposure can occur only when product is heated, oxidized or otherwise processed or damaged to create dust, vapor or fume. The presence of nascent hydrogen may generate highly toxic arsine gas.

Inhalation:

Sulfuric Acid: Breathing of sulfuric acid vapors or mists may cause severe respiratory irritation.

Lead Compounds: Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs.

Ingestion:

Sulfuric Acid: May cause severe irritation of mouth, throat, esophagus and stomach.

Lead Compounds: Acute ingestion may cause abdominal pain, nausea, vomiting, diarrhea and severe cramping. This may lead rapidly to systemic toxicity and must be treated by a physician.

Skin Contact:

Sulfuric Acid: Severe irritation, burns and ulceration.

Lead Compounds: Not absorbed through the skin.

Arsenic compounds: Contact may cause dermatitis and skin hyperpigmentation

Eye Contact:

Sulfuric Acid: Severe irritation, burns, cornea damage, and blindness.

Lead Compounds: May cause eye irritation.

Effects of Overexposure - Acute:

Sulfuric Acid: Severe skin irritation, damage to cornea, upper respiratory irritation.

Lead Compounds: Symptoms of toxicity include headache, fatigue, abdominal pain, loss of appetite, muscular aches and weakness, sleep disturbances and irritability.

Effects of Overexposure - Chronic:

Sulfuric Acid: Possible erosion of tooth enamel, inflammation of nose, throat & bronchial tubes.

Lead Compounds: Anemia; neuropathy, particularly of the motor nerves, with wrist drop; kidney damage; reproductive changes in males and females. Repeated exposure to lead and lead compounds in the workplace may result in nervous system toxicity. Some toxicologists report abnormal conduction velocities in persons with blood lead levels of 50 µg/100 ml or higher. Heavy lead exposure may result in central nervous system damage, encephalopathy and damage to the blood-forming (hematopoietic) tissues.

Carcinogenicity:

Sulfuric Acid: The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mist containing sulfuric acid" as a Group I carcinogen, a substance that is carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1A. This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist (sulfuric acid mist) is not generated under normal use of this product. Misuse of the product, such as overcharging, may result in the generation of sulfuric acid mist.

Lead Compounds: Lead is listed by IARC as a Group 2A - likely in animals at extreme doses. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1B. Proof of carcinogenicity in humans is lacking at present.

Arsenic: Arsenic is listed by IARC as a Group 1 - carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1A.

Medical Conditions Generally Aggravated by Exposure:

Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of sulfuric acid with skin may aggravate diseases such as eczema and contact dermatitis. Lead and its compounds can aggravate some forms of kidney, liver and neurologic diseases.

Acute Toxicity:

Inhalation LD50:

Electrolyte: LC50 rat: 375 mg/m³; LC50: guinea pig: 510 mg/m³

Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion)

Elemental Arsenic: No data

Oral LD50:

Electrolyte: rat: 2140 mg/kg

Elemental Lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion)

Elemental Arsenic: LD50 mouse: 145 mg/kg

Elemental Antimony: LD50 rat: 100 mg/kg

Additional Health Data:

All heavy metals, including the hazardous ingredients in this product, are taken into the body primarily by inhalation and ingestion. Most inhalation problems can be avoided by adequate precautions such as ventilation and respiratory protection covered in Section 8. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the work site. Keep contaminated clothing out of non-contaminated areas, or wear cover clothing when in such areas. Restrict the use and presence of food, tobacco and cosmetics to non-contaminated areas. Work clothes and work equipment used in contaminated areas must remain in designated areas and never taken home or laundered with personal non-contaminated clothing. This product is intended for industrial use only and should be isolated from children and their environment.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate: Lead is very persistent in soil and sediments. No data on environmental degradation. Mobility of metallic lead between ecological compartments is slow. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants but little bioaccumulation occurs through the food chain. Most studies include lead compounds and not elemental lead.

Environmental Toxicity: Aquatic Toxicity:

Sulfuric Acid: 24-hr LC50, freshwater fish (Brachydanio rerio): 82 mg/L

96 hr- LOEC, freshwater fish (Cyprinus carpio): 22 mg/L

Lead: 48 hr LC50 (modeled for aquatic invertebrates): <1 mg/L, based on lead bullion

Arsenic: 24 hr LC50, freshwater fish (Carrassius auratus) >5000 g/L

Additional Information

- No known effects on stratospheric ozone depletion
- Volatile organic compounds: 0% (by Volume)
- Water Endangering Class (WGK): NA

SECTION 13 – DISPOSAL CONSIDERATION

Spent Batteries: Send to secondary lead smelter for recycling. Spent lead-acid batteries are not regulated as hazardous waste when the requirements of 40 CFR Section 266.80 are met. Spilled sulfuric acid is a characteristic hazardous waste; EPA hazardous waste number D002 (corrosivity) and D008 (lead).

Electrolyte: Place neutralized slurry into sealed acid resistant containers and dispose of as hazardous waste, as applicable. Large water diluted spills, after neutralization and testing, should be managed in accordance with approved local, state, and federal requirements. Consult state environmental agency and/or federal EPA.

Following local, State/Provincial, and Federal/National regulations applicable to end-of-life characteristics will be the responsibility of the end-user.

SECTION 14 – TRANSPORT INFORMATION

United States: The U.S. Department of Transportation (DOT) hazardous materials regulations (49 CFR) applicable to lead acid batteries are specified in 49 CFR 173.159.

Proper Shipping Name: Batteries, wet, filled with acid

Hazard Class: 8

ID Number: UN2794

Packing Group: III

Labels: Corrosive

49 CFR 173.159(e) Specifies that when transported by highway or rail, electric storage batteries containing electrolyte or corrosive battery fluid are not subject to any other requirements of this subchapter, if all of the following are met:

- (1) No other hazardous materials may be transported in the same vehicle;

- (2) The batteries must be loaded or braced so as to prevent damage and short circuits in transit;
- (3) Any other material loaded in the same vehicle must be blocked, braced, or otherwise secured to prevent contact with or damage to the batteries; and
- (4) The transport vehicle may not carry material shipped by any person other than the shipper of the batteries.

If any of the above-referenced requirements are not met, the batteries must be shipped as fully-regulated Class 8 Corrosive hazardous materials.

IATA Dangerous Goods Regulations (DGR):

The shipping information is as follows:

Proper Shipping Name: Batteries, wet, filled with acid

Packing Group: N/A

Hazardous Class: 8

Label/Placard Required: Corrosive

UN Identification: UN2794

Reference IATA Packing Instruction 870 (IATA DGR 56th Edition)

IMDG Code:

The shipping information is as follows:

Proper Shipping Name: Batteries, wet, filled with acid

Packing Group: N/A

Hazardous Class: 8

Label/Placard Required: Corrosive

UN Identification: UN2794

Reference IMDG Code Packing Instruction P801

SECTION 15 – REGULATORY INFORMATION



California Proposition 65 Warning:

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm, and during charging, strong inorganic acid mists containing sulfuric acid are evolved, a chemical Known to the State of California to cause cancer. Wash hands after handling.

UNITED STATES FEDERAL REGULATIONS:

EPCRA Sections 302, 304, 311 & 312

Industrial lead-acid batteries, such as those used in forklifts, do **NOT** meet the OSHA definition of an "article" (US EPA, Oct. 1998). Therefore, the lead and acid that compose these batteries must be included when determining the various thresholds for these EPCRA section regulations. The acid in lead-acid batteries is **Sulfuric Acid**, which is an Extremely Hazardous Substance (EHS). The following table outlines the applicable EPCRA Sections and their respective thresholds for **Sulfuric Acid**:

EPCRA Sections – Sulfuric Acid	Thresholds
302 - Emergency Planning Notification	TPQ ≥ 1,000 lbs.
304 - Emergency Release Notification	RQ ≥ 1,000 lbs.
311 - MSDS Reporting	*TPQ ≥ 500 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	*TPQ ≥ 500 lbs.

***The reporting threshold for Sulfuric Acid is ≥ the designated TPQ or 500 lbs, whichever is less.**

The lead used in lead-acid batteries does not qualify for any OSHA or EPCRA exemptions. Lead is not an EHS, and the following table outlines the applicable EPCRA Sections and their respective thresholds for **Lead**:

EPCRA Sections - Lead	Thresholds
311 - MSDS Reporting	≥ 10,000 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	≥ 10,000 lbs.

EPCRA Section 313

The reporting of lead and sulfuric acid (and their releases) in lead-acid batteries used in cars, trucks, most cranes, forklifts, locomotive engines, and aircraft for the purposes of EPCRA Section 313 is not required. Lead-acid batteries used for these purposes are exempt for Section 313 reporting per the "Motor Vehicle Exemption." See page B-22 of the U.S. EPA Guidance Document for Lead and Lead Compound Reporting under EPCRA Section 313 for additional information of this exemption.

Supplier Notification: This product contains toxic chemicals that may be reportable under EPCRA Section 313 Toxic Chemical Release Inventory (Form R) requirements. For a manufacturing facility under SIC codes 20 through 39, the following information is provided to enable you to complete the required reports:

<u>Toxic Chemical</u>	<u>CAS Number</u>	<u>Approximate % by Weight</u>
Lead	7439-92-1	73
Sulfuric Acid/Water Solution	7664-93-9	25
Antimony	7440-36-0	1
Arsenic	7440-38-2	<2.0
Tin	7440-31-5	<1

TSCA:

TSCA Section 8b – Inventory Status: All chemicals comprising this product are either exempt or listed on the TSCA Inventory.

TSCA Section 12b (40 CFR Part 707.60(b)) No notice of export will be required for articles, except PCB articles, unless the Agency so requires in the context of individual section 5, 6, or 7 actions.

TSCA Section 13 (40 CFR Part 707.20): No import certification required (EPA 305-B-99-001, June 1999, Introduction to the Chemical Import Requirements of the Toxic Substances Control Act, Section IV.A)

RCRA: Spent Lead Acid Batteries are subject to streamlined handling requirements when managed in compliance with 40 CFR section 266.80 or 40 CFR part 273. Waste sulfuric acid is a characteristic hazardous waste; EPA hazardous waste number D002 (corrosivity) and D008 (lead).

SECTION 16 – OTHER INFORMATION

NFPA Hazard Rating for sulfuric acid:

Flammability (Red) = 0

Health (Blue) = 3

Reactivity (Yellow) = 2

Sulfuric acid is water-reactive if concentrated.

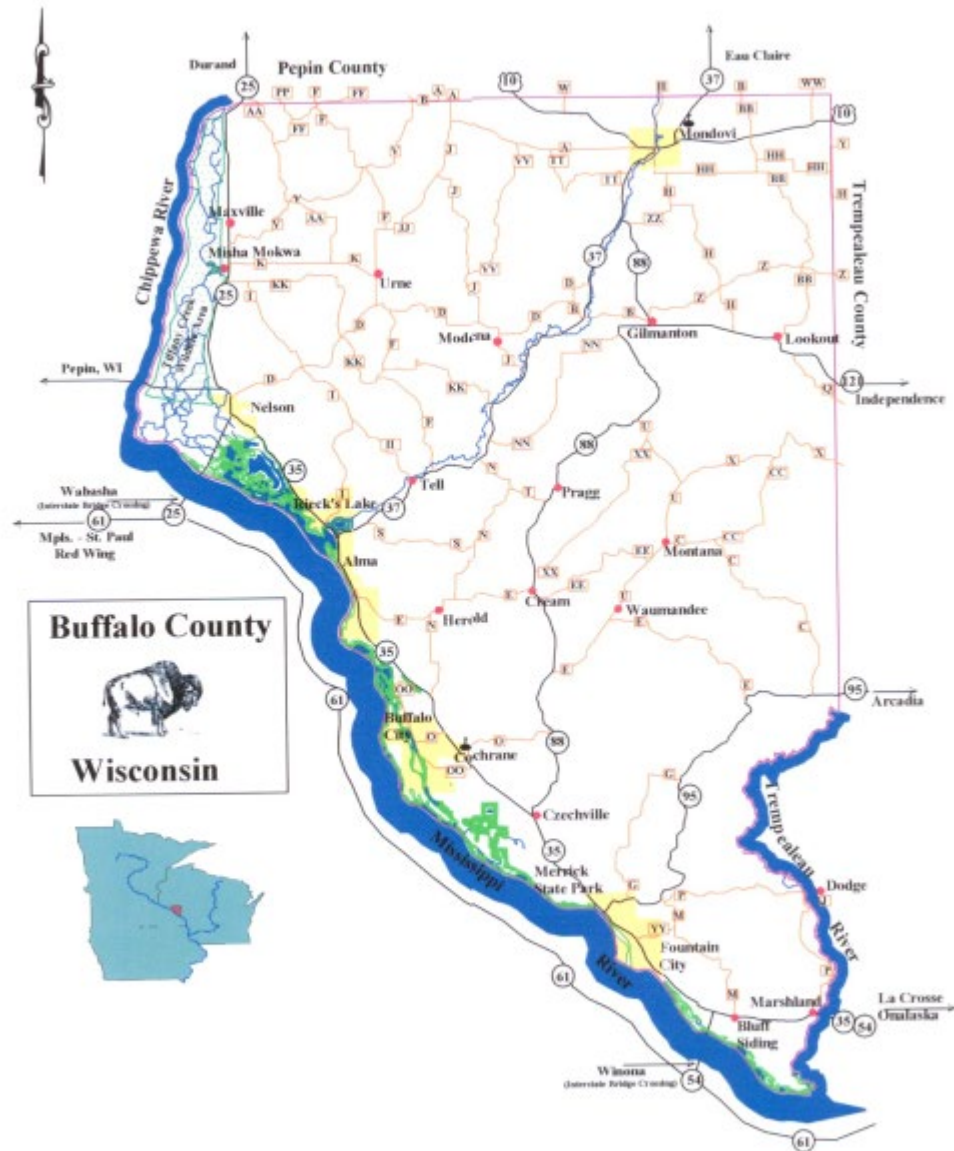
Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2). Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold.

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SDS REVISION DATE: FEBRUARY 15, 2020

Travel Map of Buffalo County, WI.



ATTACHMENT C
Safety Data Sheet

DISTRIBUTION LIST:

Tri Community Fire Department
C/o Matt Biesterveld , Chief
245 East 10th Street
Buffalo, WI 54622

Village of Cochrane
102 E. 5th St.
Cochrane, WI 54622

Wisconsin Emergency Management
5005 Hwy. 53 So.
Eau Claire, WI 54701