
*EPCRA Off-Site Facility Plan
For
Pepsi Cola Bottling Company
La Crosse, WI.*

FACILITY NAME:

Pepsi Cola Bottling Company
1900 West Avenue South
La Crosse, WI 54601
Phone Number: 608-785-0450
Facility ID # Assigned by WEM: 000930-5

II. FACILITY EMERGENCY COORDINATOR:

Name: Mike Wolf
Position: Operations Manager
Telephone Number: 608-785-0450
24 hour Telephone: 608-787-1918

ALTERNATE COORDINATOR:

Name: Tim Bye
Position: Warehouse Manager
Telephone Number: 608-785-0450
24 Hour Telephone: 608-782-0921
Cell: 608-780-4022

III. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES

| | |
|-----------------------------------|-----------------|
| <u>Chemical Name</u> | Sulfuric Acid |
| <u>CAS #</u> | 7664-93-9 |
| <u>Quantity</u> | 8849 lbs. |
| <u>Maximum Vulnerability Zone</u> | .1 mile (Urban) |

OTHER HAZARDOUS CHEMICALS:

| <u>Name</u> | <u>Max. Quantity</u> |
|-------------------|----------------------|
| Diesel Fuel | 70,000 lbs. |
| Unleaded Gasoline | 62,500 lbs. |

IV. PRIMARY EMERGENCY RESPONDERS:

La Crosse Fire Department
West Central Regional Type I Hazardous Materials Response Team
La Crosse Type II Hazardous Materials Response Team
Tri-State Ambulance
La Crosse Police Department
La Crosse County Sheriff Department
Wisconsin State Patrol
La Crosse County Emergency Management
Wisconsin Department of Natural Resources

V. SUPPORT AVAILABLE FROM FACILITY:

Emergency eye-wash stations are located near most electric battery charging or maintenance stations.

OUTSIDE RESOURCES AVAILABLE:

The La Crosse Fire Department serves as the County's Type II Hazardous Materials Response Team. For Type I incidents, contact the West Central Regional Hazardous Materials Response Team through the Wisconsin Emergency Management Duty Officer (800-943-0003).

STATE REPORTING REQUIREMENTS:

Wisconsin Statute §292.11 WISCONSIN SPILL LAW

The spill law, Chapter 292.11, Wis. Stats., requires that a person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance shall notify the department **immediately** of any discharge not exempted by the statute. The Department has a 24-hour toll free number for reporting spills: **1-800-943-0003**.

Chapter NR 706 Wisconsin Administrative Code

Ch. NR 706, Wis. Adm. Code establishes exemptions for small quantity spills of agricultural and petroleum related compounds, as well as substances that have a federal reportable quantity established. These quantities are termed “de minimis” in that below these levels, under the following conditions, state notification of a discharge is not required. While reporting requirements may be exempted, **cleanup requirements remain**. If a discharge meets one of the following de-minimis exemptions **it must be reported to the Wisconsin DNR**:

Has not evaporated or been cleaned up in accordance with NR 700 – 726,
Adversely impacts or THREATENS to adversely impact the environment,
Causes or THREATENS to cause chronic and/or acute human health impacts, or
Presents or THREATENS to present a fire or explosion hazard or other safety hazard
(including all evacuations)

VI. GENERAL INFORMATION AND ASSUMPTIONS: (Disclaimer)

The vulnerability zones set forth in this Plan are based on the EPA Technical Guidance for Hazards 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 EHS chemical occur.

The vulnerability zones are NOT intended to be used as a guide for 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 and standard operating procedures as well as the County’s Emergency Operations Plan - Annex K: Fire and Rescue, as they may relate to this facility when making 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 zone 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 determined in this Plan are for general “PLANNING PURPOSES.”

VII. HAZARD ANALYSIS SUMMARY:

A. Brief description of facility.

The Pepsi-Cola Distribution facility located in La Crosse County serves a 12-county “Tri-State Territory”. Beverages are not produced, bottled or canned at this facility. Approximately 30 – 120 personnel may be present during an incident, but fewer than 10 people would likely be in the vicinity of an industrial battery spill.

B. Greatest potential for release.

Industrial electric battery-powered forklifts are used throughout this facility with designated storage and battery maintenance locations. The battery electrolyte solution in these large industrial batteries contains sulfuric acid, which is an Extremely Hazardous Substance (EHS). The greatest potential for the release of sulfuric acid would occur during the routine maintenance procedures for the industrial forklift batteries.

C. Vulnerability Zone for each EHS chemical

The hazard analysis is as follows:

EHS Chemical: Sulfuric Acid
Form: Liquid
Container Size: 3,132 lbs.
Concentration: 20%
Parameters used in the hazard analysis:
 Level of Concern: 1/10 IDLH
 Duration of Release: 10 minutes

WORST CASE SCENARIO:

Rural
Wind Speed: 3.4 mph
Atmospheric Stability Class: F
Vulnerability Zone: .1 miles

RE-EVALUATION SCENARIO:

Urban
Wind Speed: 11.9 mph
Atmospheric Stability Class: D
Vulnerability Zone: .1 miles

It is estimated that up to 14 people may be affected by an off-site release of sulfuric acid.

D. Possible limitations or problems that could arise.

A seldom-used spur of the Burlington Northern Santa Fe railroad is located along the western edge of the Pepsi-Cola facility property. A derailment or release of chemicals or other substances from a railcar could impact the Pepsi-Cola facility or traffic routes to the facility. This railroad spur is mostly used to transport supplies to the City Brewery located approximately one mile north of the Pepsi distribution facility.

E. Estimate of population affected.

There are very few homes located near this facility. Approximately 14 people may be affected by a release of sulfuric acid extending beyond the premises.

F. Conclusions.

Chemical spills from industrial batteries are infrequent and when they do occur seldom results in off-site releases.

VIII. SPECIAL FACILITIES AFFECTED:

There are no special facilities located within the .1 mile vulnerability zone. The Holy Trinity Catholic Church is located approximately 2 blocks east of the facility and Gundersen Health System is located approximately 3 blocks northwest of the Pepsi-Cola facility. Alerting or notification actions with Gundersen Health System would only be needed if a significant number of affected patients may be transported to their facility following a hazardous materials incident at the Pepsi distribution facility.

IX. POPULATION PROTECTION:

The determination to shelter in place or to evacuate will be made by the on-scene commander as appropriate. The lead time for a hazardous materials incident may be very short. As a result, there may not be time enough for safe evacuation, especially when extremely toxic chemical fumes are involved. An evacuation under these considerations may expose the population to dangerous toxic chemicals and the decision may be made to shelter in place. Preferred areas for protective sheltering would be interior hallways, rooms without windows or exterior doors, enclosed stairways and rooms on the side of the building away from where the hazard is approaching. Doors, windows, and other potential air leaks should be sealed up to prevent toxic fumes from entering.

Experience indicates that shelter space would need to be provided for only 30% of the population within the initial isolation and evacuation zones and the remaining 70% would seek shelter with family and friends outside of the risk zone.

Roles and responsibilities relative to evacuation and sheltering as well as a list of shelters appears in the La Crosse County Emergency Operations Plan, Annex E.

X. SPECIAL CONSIDERATIONS:

A. Limited access to facility

Adequate access is available because this facility is located within a 'triangle' of commercial traffic roads consisting of Green Bay Street to the north, South Avenue to the west and West Avenue to the east. Some responding emergency vehicles may have to disregard the 'no left turn' restriction for south bound traffic on South Avenue to east bound traffic on West Avenue.

B. Address environmental concerns at facility and in Vulnerability Zone

Swift Creek, which connects at both ends to the Mississippi River, lies approximately 5 blocks to the south of the facility. Any release of substances from the facility into storm drains could result in discharge into Swift Creek.

C. Actual response capabilities at facility

Battery electrolyte neutralizing compounds are usually sufficient for most industrial battery spill incidents.

D. Potential for affecting other jurisdictions

The .1 mile vulnerability zone for this facility does not extend outside the City of La Crosse.

XI. REQUIRED ATTACHMENTS:

- A. Facility Layout Highlighting EHS Chemical Storage Location
- B. Vulnerability Zone map highlighting Special Facilities
- C. Chemical Data Sheet on EHS Chemicals (Response Information Data Sheets or MSDS)
- D. Hazardous Materials Worksheet/Calculations or Computer-Generated Vulnerability Zone Calculations

NOTE: There are no local ordinances in La Crosse County which mandate specific routes for vehicles carrying Extremely Hazardous Substances (EHSs). Thus, EHSs may be transported over any local, state, or federal highway for which weight limits are met.

XII. DISTRIBUTION LIST:

La Crosse County Local Emergency Planning Committee
La Crosse Fire Department
Pepsi-Cola Bottling Company