

EPCRA OFFSITE PLAN FOR:

CenturyTel
151 Mill Street South
West Salem, WI 54669

1. Facility Name

CenturyTel West Salem
151 Mill Street South
West Salem, WI 54669
608-796-5045
Facility ID # Assigned by WEM: 013093-4

2. FACILITY COORDINATOR:

Melvin Conley
Title: Environmental Health and Safety Engineer
Telephone Numbers:
423-392-3092 (w)
423-946-1589 (cell)
608-796-5000 (24-hr.)

ALTERNATE COORDINATOR:

Gordon Bernice
Title: Corporate Safety Coordinator
Telephone Numbers:
318-340-5137
608-796-5000 (24-hr.)

3. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES

CAS #	Chemical Name/ Trade Name	Max.Amt	Vul. Zone	Rural/Urban
7664-93-9	Sulfuric Acid	2,360 lbs.	<0.1 miles	Urban

OTHER HAZARDOUS CHEMICALS:

NONE

4. PRIMARY EMERGENCY RESPONDERS:

La Crosse County Type II Hazmat Response Team
West Central Regional Type I Hazmat Response Team
West Salem Fire Department
West Salem Police Department
La Crosse County Sheriff Department
La Crosse County Emergency Management
Wisconsin State Patrol
West Salem EMS First Responders
Tri-State Ambulance

5. SUPPORT AVAILABLE FROM FACILITIES:

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 (1-800-943-0003).

CHEMTREC

1-800-434-9300

6. 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.

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***:

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

7. HAZARD ANALYSIS SUMMARY:

The facility is a telephone-switching complex. It houses electronic switching equipment as well as an array of industrial batteries. The industrial batteries are along the west wall on a two tiered rack.

The facility could have upwards of four employees at the facility during an event. The facility is located on the east side of Mill Street one block east of Main Street in the Village of West Salem.

The bank of 48 storage batteries (manufacturer is C & D Battery and the model # is LCT1848) is arranged along the inner west wall of the facility. The north door of the facility would allow the closest access to the storage batteries. The batteries are clear see-through cases arranged in two rows with one row on top of the other. The entrance doors of the building are securely locked at all times and would require an operator to allow entry.

Potentially dangerous materials are used and stored at this facility. These materials, when used under normal conditions, pose no threat. However, the hazard to persons and property can increase dramatically if the materials are somehow released from their controlled environment.

It was determined during our visit that the greatest risk of hazmat incident would occur during the servicing of batteries. Each battery contains 164.8 lb. of electrolyte. The MSDS indicates that the sulfuric acid is 30% of the electrolyte, or 49.9 lb. per battery.

The vulnerability zone for this facility was based on a worst case scenario for a release of sulfuric acid. The vulnerability zone should be less than 0.1 mile.

EHS Chemical:	Sulfuric Acid
Form:	Liquid
Container Size:	164.8-lbs. electrolyte
Concentration:	30%
Parameters used in the hazard analysis:	
Level of Concern:	1/10 IDLH
Duration of Release:	10 minutes
WORST CASE SCENARIO:	
Rural or Urban:	Rural
Wind Speed:	3.4 mph
Atmos. Stability Class:	F
Vulnerability Zone:	<0.1 miles
RE-EVALUATION SCENARIO:	
Rural or Urban:	Urban
Wind Speed:	11.9 mph
Atmos. Stability Class:	D
Vulnerability Zone:	<0.1 miles

Only the employees near the spill would be affected.

8. POPULATION PROTECTION:

The on-scene commander will make the determination to shelter in place or to evacuate as appropriate. The lead-time for a hazardous materials incident may be very short. Consequently, 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 appear in the La Crosse County Emergency Operations Plan, Annex E.

10. SPECIAL CONSIDERATIONS:

The vulnerability zone for this facility covers a number of major traffic routes, which, in case of a release, would require detours and traffic redirection. The control and movement of traffic on impacted roadways would be the responsibility of the West Salem Police Department and the La Crosse County Sheriff's Department. Control zones and detours will be established depending upon wind conditions and the size of the release. In case of a long duration situation, the West Salem Public Works Department may be called upon to provide additional traffic control support using signs, barricades, flashers, and personnel.

The Canadian Pacific Rail Way operates a primary East/West line one block south of this facility. Train movement may need to be halted or re-routed during a HazMat incident at CenturyTel – West Salem. Amtrak trains also use this rail line.

The local 24-hour National Weather Service, County Public Safety Communications (9-1-1 Dispatch Center), and local radio and TV stations could issue warnings to the population.

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.