

**EPCRA OFF-SITE PLAN FOR**  
 La Crosse Municipal Well #24H  
 1000 Fisherman's Road  
 La Crosse WI 54601

**I. FACILITY NAME:**  
 La Crosse Municipal Well #24H  
 1000 Fisherman's Road  
 La Crosse WI 54603  
 608-789-7385  
 Facility ID # Assigned by WEM: **003373-4**

<b>II. FACILITY COORDINATOR:</b>	<b>ALTERNATE COORDINATOR:</b>
Lee Anderson	Mark Johnson
Water Superintendent	Utilities Manager
Telephone Number:	Telephone Number:
608-789-7385 (w)	608-789-7536 (w)
608-498-6616 (personal cell phone)	608-792-0498 (c)

**III. CHEMICALS ON SITE: EXTREMELY HAZARDOUS SUBSTANCES**

<u>CAS #</u>	<u>Chemical/ Trade Name</u>	<u>Max. Amt.</u>	<u>Vul. Zone</u>	<u>Rural/ Urban</u>
7782-50-5	Chlorine	300 lb. (Two 150-lb. cylinders)	2.2 miles	Urban

**OTHER HAZARDOUS CHEMICALS:**

None

**IV. PRIMARY EMERGENCY RESPONDERS:**  
 West Central Regional Type I Hazardous Materials Response Team  
 La Crosse County Type II Hazardous Materials Response Team  
 La Crosse Water Department Facility Crew  
 La Crosse Police Department  
 La Crosse County Sheriff's Department  
 Wisconsin State Patrol  
 Wisconsin Department of Natural Resources  
 La Crosse County Emergency Management  
 Tri-State Ambulance

**V. SUPPORT AVAILABLE FROM FACILITY:**

Facility Crew can be called in by radio to support La Crosse Fire Department. The La Crosse Fire Department has cylinder containment kit.

**OUTSIDE RESOURCES AVAILABLE:**

The La Crosse Fire Department serves as La Crosse 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 Office (1-800-943-0003).

CHEMTREC	800-424-9300
Georgia-Pacific	206-733-4410
Hydrite Chemical Company	608-784-0024

The Water Utility solicits annual quotations for chemical supply. Hydrite Chemical Company is the current (2014) supplier of chlorine and for the La Crosse Water Utility.

Hydrite Chemical Company  
701 Sumner Street  
La Crosse, WI 54603  
Phone: 608-784-0024  
Fax: 608-785-2990

**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.

**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)

**VII. HAZARD ANALYSIS SUMMARY:**

The La Crosse Municipal Well #24H could have upwards of two employees at the facility during an event. The facility is located toward the north end of Fisherman's Road, which is approximately one mile east of the La Crosse Airport Terminal on Airport Drive. There are a few permanent residences on Lauderdale Place and Lauderdale Court within a .5 mile radius of this facility. These homes are located across the Black River.

Two 150-lb. cylinders are stored in a separate chlorine room; the entrance door is on the south side of the building. One 150-lb cylinder is connected to the system.

A release of chlorine would most likely occur during routine cylinder changeover.

The vulnerability zone for this facility was based on a worst case scenario for a release of one 150-lb. chlorine and computed using CAMEO software. Parameters used were as follows:

<b>EHS Chemical:</b>	<b>Chlorine</b>
Form:	Gas
Container Size:	150-lbs.
Concentration:	100%
Level of Concern:	1/10 IDLH
Duration of Release:	10 minutes
<b>WORST CASE SCENARIO:</b>	
Rural	
Wind Speed:	3.4 mph
Atmos. Stability Class:	F
Vulnerability Zone:	2.2 miles

**RE-EVALUATION SCENARIO:**

Rural or Urban: Urban  
Wind Speed: 11.9 mph  
Atmos. Stability Class: D  
Vulnerability Zone: 0.1 miles

Approximately 21,249 residents could be affected if the worst case scenario were to occur.

**VIII. SPECIAL FACILITIES AFFECTED:**Government facilities

La Crosse Municipal Airport	2850 Airport Road, La Crosse	608-789-7464
Campbell Fire Department, Campbell Police Department, Campbell Town Hall	2219 Bainbridge Street, La Crosse	608-783-0050
Onalaska Fire Department, Onalaska Police Department, Onalaska City Hall	415 Main Street, Onalaska	608-781-9546
Library – Campbell	2219 Bainbridge Street, La Crosse	608-783-0052
Federal Aviation Administration – Air Traffic Control Tower	2873 Fanta Reed Road, La Crosse	608-783-0202
Upper Midwest Environmental Sciences Center	2630 Fanta Reed Road, La Crosse	608-783-6451
Army Reserve Center	910 Oak Forest Drive, Onalaska	608-783-4734

Child Care/Day Care Facilities

<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>CAPACITY</u>
Ally's Angels	2005 Loomis Street, La Crosse	608-780-3441	8
Childfirst – Onalaska School Age	1828 Main Street E., Onalaska	608-783-8194	49
Childfirst – Onalaska	524 Main Street, Onalaska	608-783-8000	65
Children's Tree House	1052 Oak Forest Dr, Onalaska	608-783-4545	92
Christian Chapel Day Care	1415 Well St., Onalaska	608-783-5722	73
First Lutheran Preschool	410 Main Street, Onalaska	608-779-4504	29
Jeri's Little Jems	1629 Prospect Street, La Crosse	608-781-1326	8
Joy's Castle Adventure	925 13th Avenue S., Onalaska	608-781-5903	50
Lil' Loons Childcare	314 6th Avenue N., Onalaska	608-783-0791	8
Miss Aimee's Childcare	2137 Onalaska Ave., La Crosse	608-519-5448	8
Mrs. Suiter's Sweethearts	1828 Bainbridge Pl, La Crosse	608-782-4498	8
Onalaska Head Start	212 4th Avenue N., Onalaska	608-783-6920	18
Preschool Childcare Center	2100 Dawson Ave., La Crosse	608-783-4002	60
Sandee's Family Day Care	2126 Loomis Street, La Crosse	608-397-8330	8
Shepherd's Flock	1215 Redwood St., Onalaska	608-781-9445	24
Sprout Childcare	1711 George Street, La Crosse	608-519-3999	50
Tammy's Day Care	310 2nd Avenue S., Onalaska	608-783-4217	8
Tammy's Tiny Treasures	314 3rd Avenue S., Onalaska	608-781-3446	8
The Creative Child	310 Main Street, Onalaska	608-519-3133	40
Time to Care Day Care	1036 La Crosse St., Onalaska	608-783-1337	8
Viv's ABC Kind Care	510 5th Avenue S., Onalaska	608-783-0729	8
YMCA School Age Northern Hills	511 Spruce Street, Onalaska	608-782-9622	64
YMCA School Age Roosevelt	1307 Hayes Street, La Crosse	608-782-9622	70
YMCA School Age Summit	1800 Lakeshore Dr., La Crosse	608-789-7980	45

**Schools**

<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>CAPACITY</u>
Coulee Montessori School	1307 Hayes Street, La Crosse	608-789-7685	
Irving Pertzsch Elementary	524 Main St., Onalaska	608-783-5644	379
Logan High	1500 Ranger Dr., La Crosse	608-789-7700	1160
Logan Middle	1450 Avon St., La Crosse	608-789-7740	760
Luther High School	1501 Wilson St., Onalaska	608-783-5435	270

Northern Hills Elementary	511 Spruce St., Onalaska	608-783-4542	500
Onalaska High School	700 Hilltopper Place, Onalaska	608-783-4561	1059
Onalaska Middle School	711 Quincy St., Onalaska	608-783-5366	890
Roosevelt Elementary	1307 Hayes St., La Crosse	608-789-7760	233
St. Patrick's School	127 11th Ave. N., Onalaska	608-783-5483	240
St. Paul's Evangelical	1201 Main St., Onalaska	608-783-2552	250
Summit Elementary	1800 Lakeshore Dr., La Crosse	608-789-7980	325

**Health Care and Assisted Living Facilities**

NAME	ADDRESS	PHONE	CAPACITY
<b>Adult Day Care</b>			
Coulee Region ADC	1062 Oak Forest Dr., Onalaska	608-519-2306	50
<b>Adult Family Home</b>			
Aurora #104	411 6th Avenue North, Onalaska	608-781-2660	4
Aurora #107	N4966 Stuhr Court, Onalaska	608-781-5389	4
Black River AFH	467 Second Ave. N., Onalaska	608-783-1485	3
Chrishaven II (North)	1310 10th Ave. N., Onalaska	608-780-5124	4
Chrishaven II (South)	1308 10th Ave. N., Onalaska	608-780-5124	4
Chrishaven Onalaska North	737 10th Ave. N., Onalaska	608-781-8823	4
Chrishaven Onalaska South	735 10th Ave. N., Onalaska	608-779-1333	4
Coulee Care Main Street	1106 Main Street, Onalaska	608-781-4890	4
<b>Creative Community Living Services</b>			
	N5412 Circle Dr. W., Onalaska	608-783-1071	3
Hurricane Court AFH	N5009 Hurricane Ct., Onalaska	608-787-8947	4
Island Home	107 Olivet Street, La Crosse	608-781-1081	4
Kristy Lane AFH	1038 Kristy Lane, Onalaska	608-783-2346	4
Stacy's AFH	2505 First Ave. W., La Crosse	608-781-7161	4
Tidal Wave	N5005 Hurricane Ct., Onalaska	608-779-0678	4
Westview Circle AFH	1028 Westview Circle Dr., Onalaska	608-519-3186	4
<b>Residential Care Complexes</b>			
Sterling House	949 10th Avenue North Onalaska	608-783-4955	20
Laurel Manor	108 17th Avenue North Onalaska	608-783-1815	12
<b>Nursing Homes</b>			
Onalaska Care Center	1600 Main Street, Onalaska	608-783-4681	
<b>Clinics and Hospitals</b>			
Mayo Clinic Health System	191 Theater Road, Onalaska	608-392-5000	
<b>Community-Based Residential Facilities</b>			
Brunk House	2734 Harvey Street, La Crosse	608-781-8706	8

**IX. 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.

**X. SPECIAL CONSIDERATIONS:**

This well is located along the Black River just north of the Airport Beach. In spring, summer and fall hundreds of fishermen and boaters could be using the Black River or the Onalaska Spillway. The spillway is located about three-quarters mile northeast of the well site.

In summer, a public beach and water ski area is located within one-quarter mile of the facility. In winter, hundreds of fishermen could be fishing on the Black River within one-half mile of the facility. The Wisconsin Department of Natural Resources, U.S. Coast Guard and the U.S. Fish and Wildlife Services should be notified to assist in environmental and navigational problems.

Coast Guard Group UMR            319-524-7511

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.