

**EPCRA OFF-SITE PLAN FOR**

Onalaska Municipal Well #9  
840 11th Avenue South  
Onalaska WI 54650

**I. FACILITY NAME:**

Onalaska Municipal Well #9  
860 11th Avenue South  
Onalaska, WI 54650-3405  
608-781-9572  
Facility ID # Assigned by WEM: **003497-2**

**II. FACILITY COORDINATOR:**

Jim Prindle  
Utility Supervisor  
Telephone Number:  
608-781-9545 ext 404 (w)  
608-786-1529 (h)

**ALTERNATE COORDINATOR:**

Glenn Miller  
Operator  
Telephone Number:  
608-781-9545 ext 408 (w)  
608-526-2303 (h)

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

<u>CAS #</u>	<u>Chemical Name/ Trade Name</u>	<u>Max. Amt.</u>	<u>Vul. Zone</u>	<u>Rural/ Urban</u>
7782-50-5	Chlorine	600-lbs.	2.2 mi.	Urban

**OTHER HAZARDOUS CHEMICALS:**

16961-83-4      Hydroflurosilicic Acid  
(210 gallon poly tank)

**IV. PRIMARY EMERGENCY RESPONDERS:**

West Central Regional Type I Hazardous Materials Response Team  
La Crosse County Type II Hazardous Materials Response Team  
Onalaska Water Utility Facility personnel  
Onalaska Fire Department  
Onalaska 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 contacted by radio to support Onalaska Fire Department. Crew is trained to use and carry portable detectors for chlorine. Hydrite Chemical Co. of La Crosse has a cylinder containment kit. La Crosse Fire Department has a cylinder containment kit.

**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).

CHEMTREC	1-800-424-9300
Hydrite Chemical Co.	1-414-792-1450

**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 Onalaska Municipal Well #9 pumping station could have upwards of two employees at the facility during an event. The facility is located in the middle of the block on the east edge of Rowe Park. The facility can best be reached by traveling east from Highway 35 on Oak Forest Drive approximately 1/3 mile to the junction of 11th Avenue South. Then travel north three blocks. The facility will be on the west side of the road.

The chlorine tanks are in the chlorine room, which is located on the south of the building. The entrance door is marked with a chlorine sign. Two 150-pound cylinders occupy the chlorine room, however only one is attached to a manifold at a time. All calculations are made using a scenario of a single cylinder release, as only one cylinder is handled at a time.

It was determined that the greatest risk of a hazmat incident would occur during the unloading or loading of hazardous materials.

The vulnerability zone for this facility was based on a worst case scenario for a release of chlorine. The vulnerability zone could be upwards of 2.2 miles, which would include most of the major transportation corridors in La Crosse County. Parameters used in the analysis are as follows:

<b><i>EHS Chemical:</i></b>	<b><i>Chlorine</i></b>
Form:	Gas
Container Size:	150 lb.
Concentration:	100%
Parameters used in the hazard analysis:	
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
<b>RE-EVALUATION SCENARIO:</b>	
Rural or Urban:	Urban
Wind Speed:	11.9 mph

Atmos. Stability Class: D  
 Vulnerability Zone: 0.1 miles

**VIII. SPECIAL FACILITIES AFFECTED:**

**Government Buildings**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Armed Forces Recruiting	9380 State Road 16, Onalaska	608-784-6633	
La Crosse Fire Station #4	Gillette St/Liberty Street	608-798-7273	
La Crosse Fishery Office	555 Lester Drive	608-783-8444	
Omni Center	255 Riders Club Road	608-781-9566	3,000
Onalaska City Hall	415 Main Street	608-781-9530	200
(Includes the Fire Station and Police Department)			
Onalaska Post Office	304 11 <sup>th</sup> Avenue North	608-781-8777	50
Onalaska Public Works	252 Mason Street	608-781-9545	20
US Dept. of Agriculture	1107 Riders Club Road	608-782-0180	25
US Army Reserve Center	910 Oak Forest Drive	608-783-4734	250
US Federal Aviation Center	2873 Fanta Reed Road, La Crosse	608-783-0202	10
US Dept. of Interior	2630 Fanta Reed Road, La Crosse	608-783-6451	25
(Upper Midwest Environmental Sciences Center)			
US Fish & Wildlife	575 Lester Avenue	608-783-8405	50

**Health Care Facilities**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>
Mayo Clinic Healthcare	191 Theater Road	608-392-5000
Gundersen Health System – Onalaska	3111 Gundersen Drive	608-775-8100
Gundersen Renal Dialysis	3075 Kinney Coulee Road S	608-775-1360

**Assistive Living/Elderly Housing**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Laurel Manor	108 17 <sup>th</sup> Avenue South, Onalaska	608-788-5700	12
Oak Knoll Manor	301 12 <sup>th</sup> Avenue South, Onalaska	608-781-5365	24
Pertzsch Manor	322 13 <sup>th</sup> Court, Onalaska	608-781-5365	20

**Community-Based Residential Facilities**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Alterra Sterling House	949 10 <sup>th</sup> Avenue North, Onalaska	608-783-4955	20
Brunk House	2734 Harvey Street, La Crosse	608-781-8706	8
Meadows at Springbrook	861 Critter Court, Onalaska	608-783-2292	20
Options	2041 Wood Street, La Crosse	608-782-7152	7

**Day Care/Child Care**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Childfirst – Onalaska	524 Main Street	608-783-8194	49
Children’s Tree House	1052 Oak Forest Drive Suite 100	608-783-4545	50
Christian Chapel Day Care	1415 Well Street	608-783-5722	73
Early Explorers	519 Main Street	608-779-4404	8
Education Station	903 Riders Club Road	608-783-3886	40

First Lutheran Preschool	410 Main Street	608-779-4504	22
Jeri's Little Jems	1629 Prospect Street	608-781-1326	8
Joy's Castle Adventure Day Care	925 13 <sup>th</sup> Avenue South	608-781-5903	50
Lil' Loons Childcare	314 6 <sup>th</sup> Avenue North	608-783-0791	8
Little Blessings	301 13 <sup>th</sup> Court	608-519-1832	8
Little Minds Learning Center	2351 Main Street East	608-779-5652	75
Little Shenanigans Child Care	2100 Dawson Avenue, La Crosse	608-783-4002	23
Merri's Munchkins Too	1838 Sunset Lane, La Crosse	608-781-2446	75
Miss Aimee's Childcare	2137 Onalaska Avenue, La Crosse	608-796-9977	8
Ms. Bonnie's House	1035 Green Bay St, Onalaska	608-783-7524	8
Onalaska Head Start	212 4 <sup>th</sup> Avenue North	608-783-6920	18
Red Balloon, Too	573 Braund Street	608-781-8580	68
Sam's Friends	1200 Redwood Street	608-781-3413	8
Sandee's Family Day Care	2126 Loomis Street, La Crosse	608-779-4059	8
Tammy's Day Care	310 2 <sup>nd</sup> Avenue South	608-783-4217	8
Tammy's Tiny Treasures	314 3 <sup>rd</sup> Avenue South	608-781-2054	8
The Creative Child	310 Main Street, Onalaska	608-519-3133	40
Time to Care Day Care	1036 La Crosse St., Onalaska	608-781-9750	8
Viv's ABC Kind Care	210 5 <sup>th</sup> Avenue South	608-783-0729	8
YMCA School Age – Eagle Bluff	200 Eagle Bluff Court	608-783-0118	64
YMCA School Age – Northern Hills	511 Spruce Street	608-783-2217	45

#### **Adult Family Home/Adult Day Care Facilities**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Aurora Residential Alternatives	411 6 <sup>th</sup> Avenue North, Onalaska	608-781-2660	4
Black River AFH	467 2 <sup>nd</sup> Avenue North, Onalaska	608-783-1485	3
Chrishaven Onalaska North	737 10 <sup>th</sup> Avenue North	608-781-8823	4
Chrishaven Onalaska South	735 10 <sup>th</sup> Avenue South	608-779-1333	4
Coulee Region Adult Day Care	1062 Oak Forest Drive, Suite 160	608-519-2306	20
Creative Community Living Services	837 Main Street	608-783-5233	4
Kristy Lane Adult Family Home	1038 Kristy Lane, Onalaska	608-783-2346	4
Stacy's Adult Family Home	2505 1 <sup>st</sup> Avenue West, La Crosse	608-781-7161	4
Westview Circle	1028 Westview Circle Drive, Onalaska	608-519-3186	4

#### **Schools/Colleges/Universities**

<b>NAME</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>CAPACITY</b>
Eagle Bluff Elementary (also Onalaska Kindergarten Center)	200 Eagle Bluff Court	608-783-2453	712
First Lutheran Preschool	410 Main Street	608-779-4504	22
Globe University	2651 Midwest Drive	608-779-2600	
Logan High School	1500 Ranger Drive	608-798-7700	
Luther High School	1501 Wilson Street	608-783-5435	175
Northern Hills Elementary	511 Spruce Street	608-783-4542	310
Onalaska Middle School	711 Quincy Street	608-783-5366	718
Onalaska High School	700 Hilltopper	608-783-4561	1035
Pertzsch Elementary	524 Main Street	608-783-5644	330
St. Patrick's School	127 11 <sup>th</sup> Avenue North	608-783-5483	240
St. Paul's Lutheran School	1201 Main Street	608-783-2552	150
Stacy's Adult Family Home	2505 First Ave West, La Crosse	608-781-7161	4
Shepherd's Flock Preschool	1215 Redwood Street	608-783-0330	24

## **Parks/Playgrounds**

<b>NAME</b>	<b>ADDRESS</b>
Coachlite Greens	2001 Grandview Boulevard, Onalaska
Community Park	515 Quincy Street, Onalaska
Glen Fox Park	650 Winter Street, Onalaska
Hilltopper Heights	1301 Wells Street, Onalaska
Holiday Heights Park	1600 Medary Lane, Onalaska
Oakwood Parks	100 Oak Forest Drive, Onalaska
Park Avenue Park	801 Park Avenue, Onalaska
Parkridge Park	1123 10 <sup>th</sup> Avenue North, Onalaska
Rowe Park	710 Hilltopper Place, Onalaska
Sandalwood Park	1900 Ester Drive, Onalaska

### **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:**

The south end of Lake Onalaska and the Onalaska spillway is used seasonally by a large population of boaters and anglers and hunters. Personnel could evacuate this zone depending on wind conditions from the DNR. In case of an incident, immediate evacuation of a large number of users would be of paramount importance.

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. The City of Onalaska maintains a CODE RED telephone alert notification system which could be used to provide information or issue warnings to the public.

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.

**XI. DISTRIBUTION LIST:**

Wisconsin Emergency Management – West Central Regional Office  
La Crosse Regional Type II Hazardous Materials Response Team  
Onalaska Fire Department  
Onalaska Water Utility