

EPCRA OFF-SITE PLAN FOR

Onalaska Municipal Well #8
1227 Oak Avenue North
Onalaska WI 54650

I. FACILITY NAME:

Onalaska Municipal Well #8
1227 Oak Avenue North
Facility ID # Assigned by WEM: **003498-4**

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	300 lb.	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 personnel 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 #8 pumping station could have upwards of two employees at the facility during an event. The facility is located in a primarily residential area at the southwest corner of the junction of Oak Avenue North and Grove Street. Quickest access to the well by responding personnel is east from Highway 35 on Riders Club Road then south on Oak Avenue North one block to Grove Street.

The chlorine tanks are in the chlorine room, which is located on the north side 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. Parameters used in the analysis are as follows:

EHS Chemical:	Chlorine
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
WORST CASE SCENARIO:	
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 18,367 persons live within the 2.2 mile vulnerability zone

VIII. SPECIAL FACILITIES AFFECTED:

Government Buildings

NAME	ADDRESS	PHONE	CAPACITY
Onalaska City Hall (Includes the Fire Station and Police Department)	415 Main Street	608-781-9530	200
Onalaska Shop	300 Court Street South	608-781-9539	20
Omni Center	255 Riders Club Road	608-781-9566	3,000
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

Health Care Facilities

NAME	ADDRESS	PHONE	CAPACITY
Onalaska Care Center	1600 Main Street	608-783-4681	130
Onalaska Clinic	1212 Well Street	608-783-2200	

Day Care/Child Care Facilities

NAME	ADDRESS	PHONE	CAPACITY
Childfirst- Onalaska	524 Main Street	608-783-8194	49
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	608-783-3866	40
Joy's Castle Adventure Day Care	925 13 th Avenue South	608-781-5903	50
Lil' Loons Childcare	314 6 th Avenue North	608-783-0791	8
Little Blessings Childcare	301 13 th Court	608-519-1832	8
Little Minds Learning Center	2351 Main Street East	608-779-5652	75
Ms. Bonnie's House	1035 Green Bay Street	608-783-7524	8
Onalaska Head Start	212 4 th Avenue North	608-783-6920	18
Sam's Friends	1200 Redwood Street	608-781-3413	8
Tammy's Day Care	310 2 nd Avenue South	608-783-4217	8
Tammy's Tiny Treasures	314 Third Avenue South	608-781-3446	8
The Creative Child	310 Main Street	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 th Avenue South	608-783-0729	8
Wiggles and Giggles	3803 Creekside Lane	608-519-1935	50
YMCA School Age – Northern Hills	511 Spruce Street	608-783-2217	45

Schools

NAME	ADDRESS	PHONE	CAPACITY
First Lutheran Preschool	410 Main Street	608-779-4504	22
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. Paul's Lutheran School	1201 Main Street	608-783-2552	150
St. Patrick's School	127 11 th Avenue North	608-783-5483	240

Shepherd's Flock Preschool 1215 Redwood Street 608-783-0330 24

Adult Family Homes

NAME	ADDRESS	PHONE	CAPACITY
Aurora Residential Alternatives	411 6 th Ave N, Onalaska	608-781-2660	4
Birka AFH	1537 Birka Lane, Onalaska	608-783-8093	4
Black River AFH	467 2 nd Ave. North, Onalaska	608-783-1485	3
Chrishaven II (North)	1310 10 th Ave N, Onalaska	608-780-5124	4
Chrishaven II (South)	1308 10 th Ave N, Onalaska	608-780-5124	4
Chrishaven Onalaska North	737 10 th Ave North, Onalaska	608-781-8823	4
Chrishaven Onalaska South	735 10 th Ave North, Onalaska	608-779-1333	4
Cliffview AFH	1422 Cliffview Ave, Onalaska	608-779-0617	4
Creative Community Living	N5412 Circle Drive W, Onalaska	608-783-1071	3
Creative Community Living	837 Main Street, Onalaska	608-783-5233	4
Hurricane Courth AFH	N5009 Hurricane Ct, Onalaska	608-787-8947	4
Kristy Lane AFH	1038 Kristy Lane, Onalaska	608-783-2346	4
Tidal Wave AFH	N5005 Hurricane Ct, Onalaska	608-779-0678	4
Westview Circle AFH	1028 Westview Circle Drive	608-519-3186	4

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 fishermen 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