

EPCRA OFF-SITE PLAN FOR

Onalaska Municipal Well #7
504 Monica Lane
Onalaska WI 54650

I. FACILITY NAME:

Onalaska Municipal Well #7
504 Monica Lane
Onalaska WI 54650
Facility ID # Assigned by WEM: **003376-0**

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-lbs.	2.2 miles	Urban

OTHER HAZARDOUS CHEMICALS:

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

IV. PRIMARY EMERGENCY RESPONDERS:

West Central Regional Type I HAZMAT Response Team
La Crosse Type II HAZMAT 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 the Onalaska Fire Department. Personnel are 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:

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	800-424-9300
Hydrite Chemical Co.	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 #7 pumping station could have upwards of two employees at the facility during an event. The facility is located at 504 Monica Lane. The facility can best be reached by responding equipment by traveling east from State Road 35 two blocks on Quincy Street, then one block north on 4th Avenue North. Well #7 is adjacent to City of Onalaska athletic fields and is approximately ¼ mile west of the Onalaska Middle School. Two 150 lb cylinders of chlorine gas are located in the chlorine room. Only one tank is connected to the chemical injection system. The access door is on the east side of the building and is placarded.

Hydrofluorosilicic Acid is used at this facility to provide fluoride into the drinking water. This is not an EHS substance and does not require off-site planning.

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.

Approximately 18,626 people reside within the 2.2 mile vulnerability zone.

The greatest risk of a release would occur during tank changeover. The vulnerability zone for this facility is based on the following parameters:

EHS Chemical:	Chlorine
Form:	Gas
Container Size:	150-lb. cylinder
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

VIII. SPECIAL FACILITIES AFFECTED:**Government Buildings and Public Safety**

NAME	ADDRESS	PHONE	CAPACITY
Airport Fire Department	2841 Fanta Reed Road, La Crosse	608-789-7450	
Omni Center	255 Riders Club Road	608-781-9566	3,000
Onalaska City Hall (Includes the Fire Station and Police Department)	415 Main Street	608-781-9530	200
Onalaska Library	741 Oak Avenue South, Onalaska	608-781-9568	
Onalaska Post Office	304 11 th Avenue North	608-781-8777	
Onalaska Public Works	252 Mason Street	608-781-9545	20
US Army Reserve Center	910 Oak Forest Drive	608-783-4734	250
US Dept. of Agriculture	1107 Riders Club Road	608-782-0180	25
US Dept. of Interior (Upper Midwest Environmental Sciences Center)	2630 Fanta Reed Road, La Crosse	608-783-6451	25
US Federal Aviation Center	2873 Fanta Reed Road, La Crosse	608-783-0202	10
US Fish & Wildlife	575 Lester Avenue	608-783-8444	

Health Care Facilities /Nursing Homes/Senior Housing

NAME	ADDRESS	PHONE	CAPACITY
Eagle Crest Assisted Living	351 Mason Street	608-779-1700	130
Laurel Manor	108 17 th Avenue South	608-788-5700	12
Mayo Clinic Healthcare	191 Theater Road	608-392-5000	
Oak Knoll Manor	301 12 th Avenue South	608-781-5365	24
Onalaska Care Center	1600 Main Street	608-783-4681	104
Pertzsch Manor	322 13 th Court	608-781-5365	20

Community-Based Residential Facilities and Adult Family Homes

NAME	ADDRESS	PHONE	CAPACITY
Aurora Residential Alternatives	411 6 th Avenue North	608-781-2660	4
Birka AFH	1537 Birka Lane	608-783-8093	4
Black River AFH	467 2 nd Avenue North	608-783-1485	3
Brunk House	2734 Harvey Street	608-781-8706	8
Chrishaven II South	1308 10 th Avenue North	608-780-5124	4
Chrishaven II North	1310 10 th Avenue North	608-780-5124	4
Chrishaven Onalaska North	737 10 th Avenue North	608-781-8823	4
Chrishaven Onalaska South	735 10 th Avenue North	608-779-1333	4
Cliffview Adult Family Home	1422 Cliffview Avenue	608-779-0617	4
Coulee Region Adult Day Care	1062 Oak Forest Drive	608-519-2306	20
Creative Community Living	N5412 Circle Drive West	608-783-1071	3
Creative Community Living	837 Main Street	608-783-5233	4
Hurricane Court AFH	N5009 Hurricane Court	608-787-8947	4
Kristy Lane	1038 Kristy Lane	608-783-2346	4
Laurel Manor	108 17 th Avenue South	608-783-1815	12
Sterling House	949 10 th Avenue North	608-783-4955	20
Tidal Wave AFH	N5005 Hurricane Court	608-779-0678	4
Westview Circle	1028 Westview Circle Drive	608-519-3186	4

Day Care/Child Care Facilities

NAME	ADDRESS	PHONE	CAPACITY
Child Care Provided By Criss	1550 Main Street	608-781-2505	8
Childfirst – Onalaska	524 Main Street, Onalaska	608-783-8194	49
Children’s Tree House	1052 Oak Forest Drive	608-783-4545	61
Christian Chapel Day Care	1415 Well Street	608-783-5722	73
Early Explorers Day Care	519 Main Street, Onalaska	608-779-4404	8
Education Station Day Care	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, Onalaska	608-783-0791	8
Little Blessings Child Care	301 13 th Court, Onalaska	608-519-1832	8
Little Minds Learning Center	2351 Main Street East, Onalaska	608-779-5652	75
Ms. Bonnie’s House	1035 Green Bay St, Onalaska	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
Shepherd’s Flock Preschool	1215 Redwood Street	608-781-9445	24
Suzy’s Family Child Care	629 Meier Lane, Onalaska	608-779-9867	8
Tammy’s Day Care	310 2 nd Avenue South	608-783-4217	8
Tammy’s Tiny Treasures	314 3 rd 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 th 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

Schools

NAME	ADDRESS	PHONE	CAPACITY
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
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

Parks/Recreational Areas

NAME	ADDRESS	
Coachlite Greens	2001 Grandview Boulevard	
Community Park	515 Quincy	
Glen Fox Park	650 Winter Street	
Hilltopper Heights	1301 Wells Street	
Oak Park #1	2011 Craig Lane West	
Oak Park #4	2133 Franklin Street	
Oakwoods	100 Oak Forest Drive	
Onalaska Aquatic Center	250 Riders Club Road	608-781-9524
Park Avenue	801 Park Avenue	
Parkridge	1123 10 th Avenue North	
Rowe	710 Hilltopper Place	

Sandalwood	1900 Ester Drive
Thomas Farm	2514 Thomas Court
Van Riper	201 Riders Club Road

Churches and other gathering places

NAME	ADDRESS	PHONE
Christ is Lord Free Lutheran	1269 County Road PH	608-781-5821
Church of Jesus Christ of Latter Day Saints	701 Well Street	608-783-3619
First Evangelical Free Church	123 Mason Street	608-782-6022
First Lutheran Church	410 Main Street, Onalaska	608-783-2236
Lakeview Foursquare Gospel Church	N5292 State Road 35	608-779-9752
Onalaska Church of Christ	1415 Well Street	608-783-4794
Onalaska United Methodist Church	212 4 th Avenue North	608-783-3380
Point of Grace Community Church	544 2 nd Avenue North	608-781-4722
River of Life Assembly of God	1214 County Road PH	608-782-2780
Rivers Harvest Church	1001 Quincy Street	608-781-8778
St. Patrick's Catholic Church	1031 Main Street, Onalaska	608-783-5535
Shepherd of the Hills Lutheran	1215 Redwood Street	608-783-0330
St. Mark's Evangelical	112 9 th Avenue North	608-783-3323

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 vulnerable 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 and railroad routes would be a responsibility of the Onalaska 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 Onalaska Street Department may be called upon to provide additional traffic control support using signs, barricades, flashers, and personnel.

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 Level A Hazardous Materials Response Team
Onalaska Fire Department
Onalaska Water Utility