

EPCRA OFF-SITE PLAN FOR

The Golf Club at Cedar Creek
 2600 Cedar Creek Lane
 Onalaska WI 54650

I. FACILITY NAME:

The Golf Club at Cedar Creek
 2600 Cedar Creek Lane
 Onalaska, WI 54650
 608-783-8100

Maintenance Department
 2201 Krause Road
 Onalaska, WI 54650
 608-783-8335

Facility ID # Assigned by WEM: **013340-5**

II. FACILITY COORDINATOR:

Darren Armstrong
 Course Superintendent
 Telephone Number:
 608-783-8335 (w)
 608-780-3473 (c)

ALTERNATE COORDINATOR:

Dave Cornelius
 General Manager
 Telephone Number:
 608-783-8100 (w)
 608-526-9031 (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> |
|--------------|--------------------------------------|----------------------|----------------------|-------------------------|
| 7664-93-9 | Sulfuric Acid | 1860-lbs | <0.1 mi. | Rural |

OTHER HAZARDOUS CHEMICALS:

Chlorothalonil, a fungicidal used for golf course lawn maintenance, is used at this facility. No more than 2000 lbs. would be in storage at any given time.

IV. PRIMARY EMERGENCY RESPONDERS:

La Crosse Regional Type II HAZMAT Response Team
 West Central Regional Type I HAZMAT Response Team
 Onalaska Fire Department
 Onalaska Police Department
 La Crosse County Sheriff's Department
 Wisconsin Department of Natural Resources
 La Crosse County Emergency Management
 Tri-State Ambulance

V. SUPPORT AVAILABLE FROM FACILITY:

The maintenance shop at the facility has a spill 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 Response Team through the Wisconsin Emergency Management Duty Officer (1-800-943-0003).

| | |
|----------------------|----------------|
| CHEMTREC | 1-800-424-9300 |
| Northern Battery | 608-785-0044 |
| Hydrite Chemical Co. | 608-784-0024 |

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 Golf Club at Cedar Creek is a privately owned golf course located in the City of Onalaska. During an event, the facility could have upwards of 100 employees on site; the bar/lounge, two banquet rooms, and pro shop all in the clubhouse building, and could have upwards of 485 patrons.

Cedar Creek sits on approximately 200 acres with the clubhouse located on the northern quarter of the grounds. The clubhouse can be reached by traveling north on County Highway S to SN, approximately .07 miles on SN to Cedar Creek Lane. The clubhouse structure is visible from County Highway SN. (Also known as Sand Lake Road.)

The golf cart storage area is subterranean on three sides and is located beneath the clubhouse proper. Entrance to the cart storage is most accessible via a service road on the south face of the building. Two separate storage areas house the 60 carts. Three overhead garage doors allow entry into the storage area.

The walls, floor and ceiling of the cart storage area are poured concrete. For fire prevention purposes, there are no ventilation ports from the cart storage area to the upper level of the building. A separate fresh air exchange system has been installed and is operated during the charging of the cart batteries. Two floor drains are located in the cart storage area. Both of these drains empty into a catch basin before reaching the sewer lift station and subsequent entry into the sanitary sewer.

Each golf cart operates on eight-volt lead acid batteries. There are six batteries per cart. These batteries are securely mounted within the cart and wired in series to power the 48 VDC cart motor.

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 that the greatest risk of an incident would occur during removal of batteries from their mounting, at which time a maximum of six batteries would be handled. The batteries are left on the carts during the off-season. Changing, inspection, and general battery maintenance continues throughout the winter. This maintenance is performed by a limited number of groundskeepers.

The hazard analysis for this facility was based on an accidental release of sulfuric acid contained in six batteries on one cart.

EHS Chemical:

Form:

Container Size:

Sulfuric Acid

Liquid

8.1-lbs. electrolyte per battery, six batteries per cart for

a total of 48.8-lbs. electrolyte
 Concentration: 35 %
 Parameters used in the hazard analysis:
 Level of Concern: 1/10 IDLH
 Duration of Release: 1 minute

WORST CASE SCENARIO:

Rural
 Wind Speed: 3.4 mph
 Atmos. Stability Class: F
 Vulnerability Zone: < 0.1 miles

RE-EVALUATION SCENARIO:

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

48.8 X 35% = 17.08 lbs of sulfuric acid per golf cart X 60 carts = 1,024.8 lbs of EHS at this facility.

Only employees in the immediate vicinity of the spill would be affected by an accidental release.

VIII. SPECIAL FACILITIES AFFECTED:

There are no special facilities within 0.1 miles. There are approximately 25 private residences within the boundary of the Golf Club at Cedar Creek grounds.

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 Bar & Grill is located directly above the cart storage area. An elementary school is located approximately one mile north and a large Menards store is located approximately ½ mile south of the golf course. US Hwy 53 is located ½ mile west of the golf course. Certain common golf

course lawn chemicals are stored in the maintenance shed. A home and a condominium are located within one hundred yards of this facility.

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 for which weight limits are met.