

**Example: GENERIC EHS Facility Emergency Response Plan (Formerly TAB Q-7)**

**Plan Number: 114-025 XYZ Treatment Plant**

<b>FACILITY NAME</b>	<b>FAC EMERG COORD (FEC)</b>	<b>COMMUNICATIONS</b>
The XYZ Treatment Plant 908 Industrial Way Bowling Green, KY 42103	Rich Lester Title: Branch MNGR	Office# 270-555-6432 Cell #: 270-555-7630 Fax #: 270-550-9894 Email: <a href="mailto:Rich@XYZ.com">Rich@XYZ.com</a>
Latitude: 37.018102 Longitude: -86.385251		

**ALTERNATE FAC EMERG COORD (FEC)**

Jeremy Quest Title: Asst. Mgr.	Office #: 270-783-3058 Cell #: 270-791-6871 Fax #: 270-780-9894 Email: <a href="mailto:Jeremy@XYZ.com">Jeremy@XYZ.com</a>
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**HAZARDOUS CHEMICAL (S)**

<b>NAME</b>	<b>UN ID# CAS #</b>	<b>FORM</b>	<b>PACKAGED CONTAINER</b>	<b>MAXIMUM QUANTITY</b>	<b>HEALTH HAZARD</b>
Chlorine	1017 7782-50-5	Liquid/ Gas	2000 lb & 150 lb cylinder	15,000 lb	Toxic

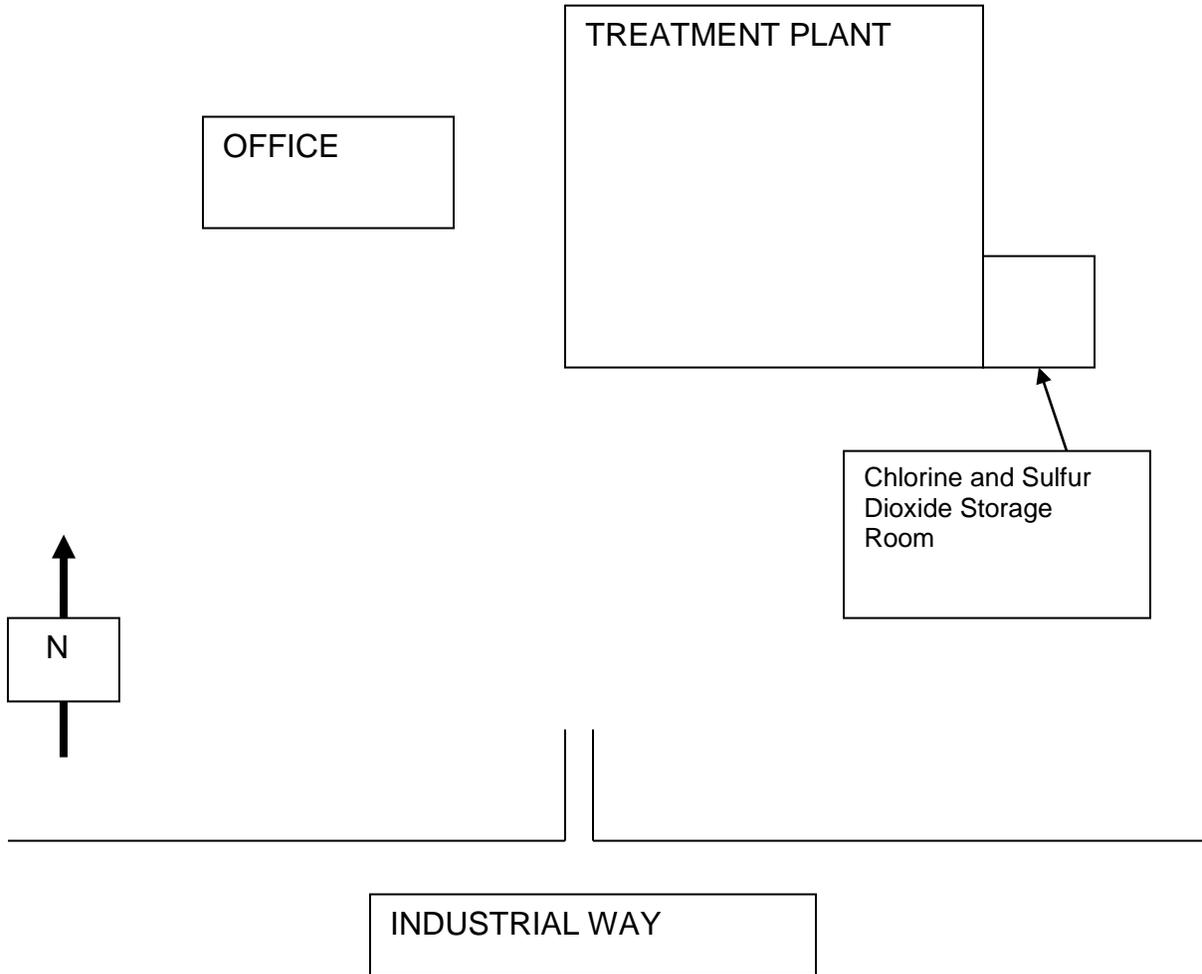
HEALTH HAZARD: **TOXIC; may be fatal if inhaled or absorbed through the skin.** Fire will produce irritating, corrosive, and/or toxic gases. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Runoff from fire may cause pollution. (2004 Emergency Response Guide)

<b>NAME</b>	<b>UN ID# CAS #</b>	<b>FORM</b>	<b>PACKAGED CONTAINER</b>	<b>MAXIMUM QUANTITY</b>	<b>HEALTH HAZARD</b>
Sulfur Dioxide	1079 7446-09-5	Gas	150 lb Cylinders	2400 lb	Toxic

\*HEALTH HAZARD: **TOXIC; may be fatal if inhaled, ingested or absorbed through the skin.** Vapors are extremely irritating and corrosive. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fire will produce irritating, corrosive and/or toxic gases. Runoff from fire control may cause pollution. (2004 Emergency Response Guide).

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**SKETCH OF FACILITY AND STORAGE AREAS**



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**FACILITY RESPONSE POINT (RP) AND DIRECTIONS:** Due to the toxic nature of this chemical and based on the prevailing winds from the southwest to the northeast, the response point will be in the parking lot of the Knights of Columbus building at 1700 Production Blvd. An immediate assessment will need to be made of wind direction to determine if a change of Response Point needs to be made.

**STAGING AREA:** Two staging areas have been set depending on wind direction. Staging Area 1 is at the intersection of Airway Court and Searcy Way. Staging Area 2 is in the parking lot of J. C. Kirby Funeral Home at 300 Production Court. All secondary responders will check with initial response team to determine the proper staging area.

**TRANSPORTATION ROUTES AND MODES OF TRANSPORTATION**

Supplier: UNIVAR 1-800-947-9264  
4600 Dues Dr.  
Cincinnati, OH 45246

Modes of Transport: Transported by Flat bed truck

Routes: Interstate I-65 to Exit 26, then rt. 800 (Lovers Lane) to Industrial Way

Handling: Cylinders are moved from truck to storage via fork lift.

Frequent Shipping: Monthly

**SPECIAL FACILITIES LIKELY TO BE AFFECTED BY A RELEASE:**

Using Cameo V1.1.2 a 3.1 mile radius was determined for the vulnerable zone based on a 2000 pound release of chlorine in an urban setting with wind speed of 3.4 miles per hour.

QUADRANT A. Total Population 2,000

#	FACILITY	CONTACT	PHONE #
A1.	Warren County School Board	J. Almond	270-555-5150
A2.	Spiro Kereiakes Park	R. Walnut	270-555-0000
A3.	Academy for Little People	B. Chesnut	270-555-5437
A4.	Northside Free Will Day Care	C. Macadamia	270-555-3579
A5.	Indian Hills Country Club	B. Cashew	270-555-8256
A6.	Rivendell	P. Peanut	270-555-1199
A7.	Northgate Shopping Center	Manager	270-555-0587
A8.	American Sunroof (124)	B. Bop	270-555-0590
A9.	Kids World Child Care	T. Tamarind	270-555-5500

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QUADRANT B. Total Population 3,500

#	FACILITY	CONTACT	PHONE #
B1.	Cumberland Trace Elementary	Bob Smith	270-555-1356
B2.	Greenwood High School	Jane Doe	270-555-3627
B3.	Fruit of the Loom Headquarters	John James	270-555-6400
B4.	Fruit of the Loom Dist. Center	Pan T. Waist	270-555-0070

QUADRANT C. Total Population 2,500

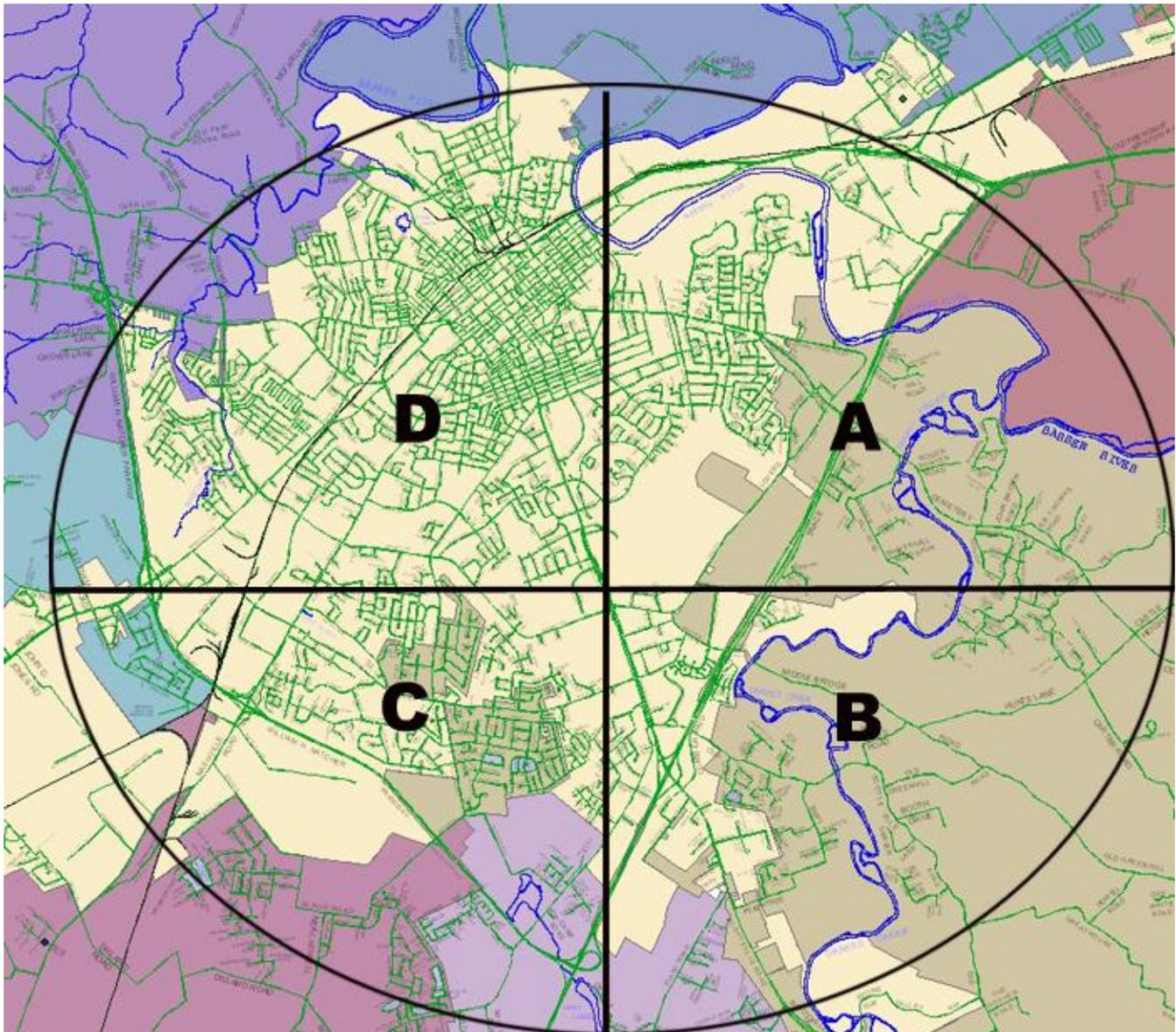
#	FACILITY	CONTACT	PHONE #
C1.	University Church of Christ	B. Good	270-555-8804
C2.	Anchored Christian School	P. Eye	270-555-9077
C3.	Lost River Elementary	W. Robinson	270-555-0334
C4.	Drakes Creek Middle School	H. Finn	270-555-0165
C5.	Scottsville Road Baptist Day Care	O. Roberts	270-555-0109
C6.	B.G. Retirement Village	O.L. Mann	270-555-5433
C7.	Western KY Ag Center	I.M. Pigg	270-555-3542

QUADRANT D. Total Population 2,000

#	FACILITY	CONTACT	PHONE#
D1.	Reservoir Park Health	G. Gate	270-555-1400
D2.	B.G. Parks & Recreation	B. Links	270-555-3249
D3.	Parker Bennett Community Center	P. Bennett	270-555-3310
D4.	Urgent Care	A. Sap	270-555-3910
D5.	Airport Fire Station	W. Hose	270-555-5608

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**QUADRANT MAP**  
**Radius of Vulnerable Zone = 3.1 miles**



If the number of Special Facilities is limited enough place them on the map.

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**PROTECTIVE ACTIONS:** In Place Sheltering may be directed by local officials following consultation with EM personnel, BGFD and other technically qualified authorities. This option may be chosen if the release is expected to be of short duration and the concentration is not judged to be extremely hazardous, because of inclement weather, or there is not enough time to safely evacuate the threatened area. Citizens will be advised to go indoors, close all windows and vents to the outside of the building, turn off all air conditioners and fans and to fill cracks where the outside air may enter. Evacuation areas of off-site population will be determined by wind direction and directed by the Incident Commander. Offsite population will be warned by "The Communicator", Community Outdoor Warning System (COWS) or the Community Alert Live Voice Emergency System (CALVES). If a release occurs, on site personnel will be evacuated to a shelter designated by company management. Evacuation of the area will be conducted in conformance with Annex EE of the Warren County Emergency Operations Plan. Reentry to the evacuated area may be authorized by the Incident Commander with consultation with local officials and/or EM personnel at the scene.

The Bowling Green Fire Department will handle all decontamination of on-site and off-site personnel. The Medical Center Ambulance Service will handle all patient/medical care and assist in the decontamination process.

**EMERGENCY EQUIPMENT ON HAND/TRAINING/EXERCISING:** XYZ Treatment Plant personnel have Air Packs available and annual training is conducted for all employees on self contained breathing apparatus. Chlorine emergency repair Kit "B" for 1 ton cylinders and containment packs for 150lb. cylinders will be available and proper training of their use will be conducted for all employees.

The Bowling Green Fire Department personnel are trained to Technician Level for Hazardous Materials response. Other emergency response personnel of the city and county receive on-going training including annual refresher training in OSHA response standards and other relevant hazardous material training. See Emergency Resource Inventory Listing page ERIL-K-1 in the Warren County Emergency Operations Plan.

The personnel of XYZ Treatment Plant will participate annually in any exercise conducted by the Bowling Green Fire Department, Emergency Management, Bowling Green Warren County Emergency Planning Committee and other departments.

**SPILL CONTAINMENT/CLEAN-UP/DISPOSAL:** Chlorine can be absorbed in alkaline solution- **DO NOT PUT WATER ON CHLORINE LEAK.** Common solutions are caustic soda or soda ash. One ton cylinder requires 2,500 Lbs. caustic soda mixed with 800 gallons of water, or 6,000 Lbs of soda ash mixed with 2,000 gal. A water spray may be directed at the vapors, not the point of leak, to reduce vapors and maintain the Chlorine cloud to as small of an area as possible. Disposal will be accomplished by the facility and local emergency response/cleanup personnel developing procedures that must be approved by the Kentucky Environmental and Public Protection Cabinet.

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**EMERGENCY NOTIFICATION**

Local 24 hr. warning number (LEPC)		911 or 270-393-4000
State 24-Hr warning point for HAZMAT Spill Notification		800-255-2587
Community HAZMAT Coordinator	<b>Day</b>	270-393-3608
	<b>Night</b>	270-393-1234
Alt. HAZMAT Coordinator	<b>Day</b>	270-393-4244
	<b>Night</b>	270-393-1234
Bowling Green Fire Department		911 or 270-393-3608
Warren County Sheriff's Office		270-842-1633
Emergency Management Director	<b>Day (O)</b>	270-781-8776
	<b>Night (H)</b>	270-843-1852
Local Emergency Planning Committee Chair		270-846-2488
BG/Warren Co. Rescue		270-783-3030
Medical Center Ambulance		911 or 270-745-1204
KY Emergency Response Commission (KERC)		502-607-1682
Kentucky EM Area Manager	<b>(O)</b>	270-746-7843
	<b>(E)</b>	1-800-255-2587
KY Department for Environmental Protection (KY-DEP) (24 Hour Hotline)		502-564-2380 1-800-928-2380
National Response Center (NRC)		1-800-424-8802
U.S. Environmental Protection Agency (EPA) Hotline		800-424-9346
State Fire Marshall (24 Hours)		502-573-0382 1-800-255-2587
Chemtrec		1-800-424-9300
Kentucky State Police		502-782-1800