ASHLAND COUNTY EMERGENCY OPERATIONS PLAN AND

HAZARDOUS MATERIALS PLAN

2023

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I. Introduction

A. Purpose of the Plan

1. Local Emergency Planning Committee (LEPC)

Since 1982 the official Local Emergency Planning Committee (LEPC) for Ashland County has exercised the powers and performed the duties delegated by Title III (Emergency Planning and Community Right-to-Know Act-EPCRA) of the Superfund Amendments and Reauthorization Act (SARA) and Chapter 3750 of the Ohio Revised Code. These powers and duties enable the LEPC to perform the following:

- Develop a comprehensive emergency response plan for the county.
- Receive and maintain a database of reports and chemical inventory information per SARA Title III.
- Receive and process requests for chemical inventory and emergency response information from the public.
- Establish procedures for providing public information.
- Notify the public of committee activities and public meetings.
- Handle and respond to public comments on the emergency plan.

With the information and reports received the LEPC will:

- Perform hazard analyses.
- Build and maintain a database of hazardous material locations and quantities in the county.
- Establish and maintain a computer system for hazardous material emergency responders.

These activities will be coordinated by the following LEPC ad hoc committees which will be formed as needed. Such committees may include:

- Hazard Analysis Committee
- Emergency Operation Center (EOC) Committee

- Communications Committee
- Training Committee
- Exercise Committee
- Compliance/Enforcement Committee
- Purchasing Committee

The yearly mandated, March 1st, facility reports are entered into a database housed and maintained at the LEPC office. From this database LEPC, by request, could produce various summaries, which are used in preplanning, prevention, emergency response, and post-incident activities. CAMEO maps are also part of the database. From these reports, the LEPC will provide the Ashland City Fire Department with an electronic Tier - II export file by June 1 of each year. Risk assessments are performed on facilities reporting Extremely Hazardous Substances.

2. Plan design and function

The Hazardous Material Annex is an extension of the Ashland County Emergency Operations Plan dealing specifically with response to hazardous material incidents. This document is a coordinated plan for an organized and systematic approach to the best possible response to the problems created in the event of a hazardous chemical release or incident. The plan identifies the responsibilities, functions, operational procedures, and working relationships between and within governmental entities and their various departments, private support groups, local industries, and individual citizens. The two primary goals of the plan are:

a. Protect lives and property by developing emergency operational programs and procedures that; mitigate the effects, prepare, respond and recover from planned or unplanned chemical releases whether civil, natural, or technological in origin.

b. Restore the stricken area to pre-incident status with a minimum of social and economic disruption.

Hazardous materials emergency response and preparedness planning includes identification of all possible chemical hazards at the various facilities and identifying highway, rail, and pipeline routes used to transport hazardous materials. Responsibilities and procedures for agencies and organizations were developed and written into the plan, taking into consideration, the organizations' capabilities and limitations in personnel, equipment and training.

The Ashland County Emergency Operations Plan plus Hazardous Material Annex O will be activated by the Fire Chief of any jurisdiction, the Ashland County Emergency Coordinator (AFD Fire Chief), or the Ashland County EMA Director in the event of a chemical incident within Ashland County. Appropriate members of the EMA staff have the authority to activate the HazMat Plan.

B. Plan Basis

1. Hazard Analysis Methods

The LEPC Hazard Analysis Committee conducts a hazard analysis for all chemical facilities in Ashland County. This includes EHS facilities and SARA facilities. The Hazard Analysis Committee uses the Department of Transportation's 2020 Emergency Response Guidebook (ERG2020) as well as the supplement, Technical Guidance for Hazards Analysis (12/87), in conjunction with the CAMEO program and its maps. The three-step process includes: hazard identification, vulnerability analysis, and risk analysis, with general descriptions and specific procedures for each step.

CAMEO's maps are used to study the geographic formations and the populations surrounding each EHS facility and some facilities with hazardous chemicals. These maps include: residence populations, schools, day care centers, nursing homes, shelters, and surrounding facilities.

The SARA Title III chemical inventory report and an additional questionnaire from each facility are used to analyze the quantities and storage conditions for each chemical, looking at maximum amounts of chemical for single and multiple containers at each facility.

The information from each facility includes:

- Types and amounts of chemicals and where they are stored.
- Facility map(s) showing chemical locations, roads, exits, etc
- The name of the emergency coordinator and an alternate, with emergency phone numbers.
- The status of emergency planning, testing and updating
- The types of development surrounding the facility, and any surrounding

congregate care facilities, schools, etc.

- The location of responding fire departments and approximate response time.
- Coordination efforts established with nearby hospitals, if any.
- Chemical emergency monitoring equipment available at the facility.
- Personal protective equipment available at the facility.
- Emergency spill equipment available at the facility (sand, dikes, backhoes, etc.)
- Physical and other means/measures used to separate chemicals.
- Secondary spill containment systems available.
- Procedures for handling and treating chemical waste.
- Any employee evacuation plans.
- Any evacuation plans or other coordinated efforts for area residents, such as CAER.
- Any warning equipment such as sirens, alarms, or PA's at the facility.
- Any personnel trained as first responders.
- Likely transportation routes to the facility.

2. Hazard Analysis Assumptions

a. Geographic Assumptions

Ashland County is located in the north central part of Ohio and midway between Cleveland and Columbus. The county is mostly rural with terrain ranging from flat farmland in the north to a National Forest in the South. Huron and Lorain counties bound it to the north, Wayne and Holmes Counties to the east, Knox County to the south and Richland County to the west. The county is composed of the following political subdivisions, one (1) city, eight (8) incorporated villages and fifteen (15) townships.

b. Material Quantity and Storage Assumptions

The Hazard Analysis Committee's risk and vulnerability analysis uses the worst-case scenario for each EHS. Information from the facility inventory reports includes the types and amounts of chemicals and where they are stored, including facility maps showing chemical locations, roads, and exits. The Hazard Analysis Committee looks at the maximum amount for single and multiple containers at each facility and considers the likelihood of a release, then assesses the consequences of the simulated release and determines the overall risk of the EHS. The committee uses the federal definitions for the "likelihood of a release" and the "consequences of a release" found in the National Response Team's Technical Guidance for Hazards Analysis, 12/87.

c. Weather Assumptions

Using information collected from the National Weather Service out of Cleveland, the annual weather conditions reported for Ashland County are as follows**:**

Wind speed – WSW at 11mph
Stability class - D
Ambient temperature – 49.2° F

d. Facility Involvement

Each facility completes a chemical inventory report plus an additional questionnaire. The LEPC performs an on-site consultation at each of its EHS facilities along with a fire representative of that jurisdiction.

c. Relationship to Other Plans

1. The Ashland County Emergency Operations Plan is the underlying document for the protection of health, safety and property of the public in Ashland County from all natural and man-made disasters. It is the principle guide for the Agencies of Ashland County and other local government entities in mitigating emergencies and disasters. This plan is intended to facilitate multi-agency and multi-jurisdictional coordination, particularly between local, state, and federal agencies in emergency operations.

2. The Hazardous Material Annex O to the Emergency Operations Plan provides procedures to protect the public from transportation, storage, and fixed site hazardous material incidents.

3. Each fixed facility having extremely hazardous substances is required to develop an on-site emergency plan that specifies notification, response activities, and coordination procedures with outside agencies.

4. Information on fixed-site planning is collected during the hazard analysis process. Summaries of each facility are stored in the LEPC office computer.

5. Ashland County's emergency response agencies (fire, law enforcement, etc.) have entered into mutual aid agreements within the county and with adjacent counties that increase response capabilities.

6. Mutual aid for the support of response functions is addressed by agreements between the Director of the Emergency Management Agency for Ashland County and EMA directors of adjacent counties.

7. The Ohio Emergency Management Agency has developed the Hazardous Materials Emergency Management Plan which outlines the responsibilities of the appropriate state agencies in responding to hazardous material emergencies that exceed county capability.

8. Copies of the plan are provided to all adjoining planning districts.

Note: All response and mutual aid agencies are requested to file copies of their emergency operations plans with the Emergency Management Agency for Ashland County, the agency responsible for overall coordination of plans.

II. Situations and Assumptions

A. Situations

Ashland County is at risk for an uncontrolled release of a hazardous material from a fixed site or during transport. Sources of hazardous material incidents are: transportation routes, fixed facilities, underground tanks, pipelines, illegal dumping, chemical misapplication and incidents caused by natural occurrences.

1. Fixed Facility Hazards

Ashland County has a number of fixed facilities both, EHS and Non-EHS, that a hazard analysis for each facility cannot practically be included in this document. These documents are on file and maintained at the county EMA office, which is the administrative base for the LOCAL EMERGENCY PLANNING COMMITTEE.

a. EHS Facilities

Ashland County has facilities reporting Extremely Hazardous Substances**. Tab A1** of this document is a listing of the EHS facilities in the county, including facility name, address and facility emergency coordinator.

b. Adjoining Facilities

The LOCAL EMERGENCY PLANNING COMMITTEE reviews EHS for potential or added risk due to their proximity to another EHS facility. The information is added to the facility profile and made available to local fire departments.

c. Facility Area Description

Detailed descriptions of each facility are on file with the LEPC. The files contain maps that show the area surrounding the facility, with .5, 1.0, and 1.5-mile radii indicated. Adjoining EHS facilities, underground storage tanks, schools, fire stations, hospitals, shelters, day care centers, nursing homes, and other reporting industries are indicated on the maps.

d. Non-EHS Facilities

In addition to the EHS facilities Ashland County has facilities that report hazardous substances, (**Tab A1)**, plus sanitary landfills and underground storage tanks that could be the site of a fixed facility release. The LEPC Chair reviews those reporting non-EHS facilities for potential risk to the community based on information provided by

the facility. Some of these facilities have multiple hazardous materials. The committee notes, by hazard class, what risk these facilities pose to the community (E.g. flammable). This information is given to the jurisdiction fire department.

e. Spill History

From 1985 through 2023 the Emergency Management Agency for Ashland County has reported a variety of spills related to transportation routes, natural gas leaks, and spills involving gasoline and diesel fuel. The trend has been more spills being reported via ORC 3750.06. It is the responsibility of county fire departments to report spills in their jurisdiction to the county Emergency Management office.

2. Transportation Hazards

Hazardous materials are transported into and through the county by highway, rail, and pipeline. Maps of routes used to transport to and from each EHS facility are on file at the LEPC Office.

a. Highways

Interstate 71 is the most likely hazardous material route in the County. Other major routes include US 250 and US 30. However, hazardous materials are delivered and picked up in the city and county along other routes. Routes used are:

- One interstate highway totaling 16.14 miles.
    - Interstate 71
- Four US highways totaling 70.52 miles.
    - US Hwy 30
    - US Hwy 42
    - US Hwy 224
    - US Hwy 250
- State highways totaling 172.08 miles
- Plus, many county roads and city streets.

According to the Transportation Flow Study published/ contracted by LOCAL EMERGENCY PLANNING COMMITTEE, Hazard Class 3 (Flammable liquids) and Hazard Class 8 (Corrosives) account for 70% of all hazardous material being brought into county on interstate highways. UN# 1203, gasoline and other petrol products are the most common.

b. Railroads

The three major railroad carriers in Ashland County include Norfolk Southern, CSX, and Ashland Railway. There are no longer any major rail switching yards that would be potential spill sites. The materials transported vary by rail carrier. CSX reported Hazard Class 8 as the most commonly transported material, followed by Classes 2 & 3. Norfolk Southern reported the most commonly transported material is Hazard Class 9, followed by Classes 8 and 2.

c. Pipelines

Natural gas is transported by pipeline throughout the county by Columbia Gas, Columbia Transmission, and CNG Transmission. Petroleum products are transported by Marathon Oil, BP Oil, Rover Pipeline, Utopia Pipeline and Buckeye Pipeline. All pipelines in Ashland County are equipped with irregularly spaced manual shutoff valves.

d. Transportation Spill Risk

The LOCAL EMERGENCY PLANNING COMMITTEE contracted a limited Transportation Flow Study that included demographic data along designated hazardous material routes.

Several variables affecting risk were studied. The results showed that the population variable had the most impact on overall relative risk of each study segment of the highway. Potential risk increased with increased population within one-half mile of the highway.

This transportation study is currently under review and being considered for future updates.

e. Transportation Spill History

Hazardous material spills occurring on county roadways will be tracked and recorded by the individual response agencies and reported to the County EMA Office.

B. Assumptions

The following factors and situations could impact the response to, and effect of, an accidental spill or release.

1. Response time

Highway development in the county has not kept pace with the growth in traffic. Morning and evening rush hours impact response time of emergency vehicles.

Traffic situations are complicated by special events such as the Balloon Fest, football games, parades, etc. affecting the local area. Ten of the eleven fire departments in the county are volunteer, which greatly affects response time and staffing.

2. Weather factors

Ashland County is located in an area of changeable weather. In spring and summer high wind or tornadic activity could create problems in incident response. Such activity could also be the cause of a spill. Likewise, flooding could cause an incident or hinder response. While severe winter weather is a possibility, this usually does not occur on a regular basis at a level that would hamper incident response.

3. Demographic features

The County's Population is approximately 55,000 in a 424square mile area. Ashland County is a rural community with Ashland city being the largest population with 22,000 residents. 65% of the county is farmland. A National Forest is located in the southern part of the county.

4. Response capability

Ashland County and its subdivisions have limited manpower, equipment, supplies and skills to respond to a release. A response may require the cooperation and coordination of multi-jurisdictions. The volunteer departments are trained to the Operations level. The Ashland City Fire Department (AFD) is trained at the Tech level in Haz Mat and houses a Type III HazMat team. If mutual aid is required, Mansfield City Fire Department (MFD) can be called to assist. MFD is a Level II Hazmat team. If a level I team is required for mutual aid, the Summit County Hazardous Materials Response team will be requested.

III Concept of Operations

A. Mitigation Activities

- EAS Radio system would be used to alert local residents.
- Consultation visits to EHS sites by the local fire department.
- Weather alert sirens may be considered to alert the public to an emergency situation.
- The Health Department maintains an emergency phone number (419) 282-4322 that can provide community information.
- A Health Alert Network has been established.
- (WENS) Wireless Emergency Notification System

B. Preparedness Activities

1. Mutual Aid Plan

Ashland County Mutual Aid Agreements and Memoranda of Understanding agreements are in-place for the allocation of emergency facilities, equipment and personnel. Agreements are filed within each agency who is a part of the agreements. Agreements are also in-place to provide for other District's support during a release.

Hazardous material response in Ashland County is a joint effort of the fire departments. Grant money has allowed the LEPC to purchase trailers and operational HazMat equipment.

2. Training Program:

Ashland County provides a training program to meet the training requirements that are established under the Superfund Amendment and Re-authorization Act (SARA) for all personnel that may respond to a hazardous material incident. All first response agencies, county agencies, facilities, American Red Cross, the media and many others that may perform tasks during the incident are required to have a minimum number of hazardous materials training hours. This basic training will provide the responding organization with the knowledge to answer essential information questions such as:

- What is a placard? What does it mean? Where on a truck is it located?
- What procedures need to be followed on scene?
- Where do we report on-scene? Who is in charge?

a. Training Needs/Standards

The training role of LEPC is to see that available training meets Federal and SERC training standards.

The following general training standards and goals will be coordinated with each individual group**.**

1) Emergency Management and First Response personnel

To have all personnel educated to the Hazardous Materials Awareness Level within the first six months of employment.

2) Fire Service

The many departments in Ashland County will continue to train and maintain their current level of expertise in hazardous materials response. The following are courses that may accomplish this goal:

- Hazardous Materials Awareness Level
- Hazardous Materials Operations Level
- Hazardous Materials Technician Level
- Hazardous Materials Incident Commander

3) Law Enforcement

- Hazardous Materials Awareness Level

4) LEPC Members

- Emergency Operations Center course
- Exercise Design.

5) Public Officials

A goal will be to provide the following training to public officials in Ashland County

- FEMA Hazardous Materials: an Introduction for Public Officials
- Emergency Operations Center Course
- ICS 100, 700

6) SARA Reporting Facilities

The LEPC depends on reporting facilities to conduct appropriate training according to the Ohio Revised Code, section 3750.

b. Training Methods

The LEPC will take responsibility for the following:

1) Training of appropriate LEPC members regarding their responsibilities as members in; Planning, Exercises, Compliance and Enforcement.

2) To survey the training level(s) of first responders (fire, police and EMS) and other agencies in order to determine what types of training may be needed.

3) To assist the Ashland County Emergency Management Agency in Emergency Operations Center (EOC) training for needed personnel, to include communications and the media center.

4) To develop and distribute a Training and Exercise Schedule for the current year, as well as a tentative schedule for the next.

5) To obtain grant funding to support planning, exercising and training needs. Examples: PUCO Grant, SERC Grant, HMEP Grant, Health Dept. infrastructure/Bioterrorism grant, DOJ grants, etc.

c. Training Sources

Upon request, hazardous materials courses developed by the Federal Emergency Management Agency (FEMA) and the Ohio Dept. of Public Safety may be made available to county agencies. Application to obtain these courses should be made through the Ohio Emergency Management Agency. Courses and schedules are available free of charge.

d. Training Evaluation

The LEPC will assure that training is available. The authority having jurisdiction is responsible to monitor the training progress of its individual members to assure training requirements are met and kept up to date.

3. Public Education

The LEPC provides 'right to know' information, upon request to the community. At this time the LEPC has no plans to conduct public training. During an emergency, education of the community will be provided on an as needed basis, depending on the circumstances through established methods of communication such as media, EAS, PSA's, WENS, and the Health Department access number.

4. Resource Management

a. Existing County Resources

A general resource management system for the county is contained in the County Resources Directory.

1) **Resource management** is the responsibility of each organization and agency. This includes identifying sources of equipment, materials and supplies along with points of contact to insure timely mutual aid and/or request assistance.

   During a hazardous material incident, the jurisdiction fire service will have on-scene responsibility to determine what protective measures are needed to protect first responders, the surrounding population, and property. If the material on the dispatched equipment is not sufficient the Incident Commander must determine what extra resources will be needed.

2) **Resource Officer**: At the incident site the Incident Commander may appoint an individual as the Resource Officer. This individual is responsible for identifying the equipment available at the incident site, additional equipment required and to communicate the need to other departments, the EOC, or other sources.

   Off-site, Ashland County 911, WARCOG, Sheriff's department,

and/or the EMA Director will assist the on-site commander by contacting agencies, departments, contractors, etc. to locate and procure the needed equipment.

3) **Resource Data Base**: Ashland County Emergency Management Agency maintains, in coordination with the Health Department, a Resource Data Base designed to help communities within the county obtain necessary resources during an emergency.

The database contains listings of public resources available in each community along with private resources. The resources have been contacted in advance and have agreed to offer assistance if possible.

An Emergency Call List is available to first responders.

4) Fixed site facilities may have supplies and expertise on hand to help contain, neutralize, or suppress the release.

b. Emergency Response Organization Heads

A listing of the heads of emergency response organizations, by title and office along with phone numbers can be found in the Ashland County EMA Emergency Resource Directory.

c. Resources from Outside the District

1) The primary hazardous material responder will need supplemental resources when a Level 2 or Level 3 incident occurs. These resources may be additional pieces of fire apparatus, additional firefighters, hazardous materials response vehicles or some other resource. The assistance may be from a mutual aid department, a contractor, or some other outside organization.

2) When requesting additional resources and assistance, they will be requested in this order:

- Local government or contiguous local jurisdictions (Mutual Aid)
- County government resources
- Local private industry and/or the "Spiller"

- State government (Federal government through the State EOC)

d. Identifying Needed Resources

1) Resources needed to contain a spill will depend upon the product released, its state, the container's condition and the amount of product involved.

2) Facility inventories and site descriptions from hazard analysis results are kept at the local fire department. Reference documents are available to on scene responders.

3) Local fire departments participate in facility inspections within their jurisdiction and also have the hazard analysis results in their files.

4) Proper equipment requirements for the incident will be determined by the fire service standard operating procedures.

e. Acquiring and Maintaining Resources

1) All county agencies, departments identify existing and needed resources as needed. Lists of these items will be available in the event of an emergency. This will provide guidance when funding additional purchases of equipment.

2) All fire departments with a hazardous materials assignment maintain the resources needed to perform their assigned functions.

C. Response Procedures

1. Initial Notification

A hazardous material accident or incident will probably be observed and reported by a citizen, a facility worker, a first responder, or some other individual. The initial handling of the report is critical to a rapid and successful response and the protection of citizens.

a. Facility and Transporter Reporting Requirements

1) Fixed Facility Initial report

As required by ORC 3750.06, the owner or operator of the facility from which the release of an Extremely Hazardous Substance or

Hazardous Substance has occurred *shall immediately notify verbally* by telephone, radio or in person, each of the following:

- Local Fire Department having jurisdiction where the release occurred through the 911 system.
- Ashland County Emergency Coordinator or his/her designee.
- Ohio EPA

The verbal notification shall be given within *thirty minutes* after knowledge of the release, unless notification within that time is impracticable under the circumstances. The verbal information will be logged by 911 dispatch with date, time, location and nature of call.

The on-scene Incident Commander will assure that proper information is recorded on the LEPC 911 Chemical Emergency Report Form. Each facility emergency coordinator should be familiar with the information required by this form.

OEPA Emergency Reporting Phone Number: 1-800-282-9378

After Action Report

As soon as practical, but not later than *thirty days* after the release, the owner or operator of a facility from which the release occurred shall submit to the LEPC, and Ohio EPA, a written after-action report of the release updating the information provided in the initial verbal notice. This information must include the following:

- Actions taken to respond to and contain the release.
- Any known or anticipated acute or chronic health risks associated with the release;
- Where appropriate, advice regarding medical attention necessary for individuals exposed to the substance released.
- A summary of all actions taken by the owner or operator to prevent a recurrence of the release.

2) Notification of Response and Support Agencies
Transporter Requirements

Initial Notification

As required by ORC 3750.06, the owner or operator of the vessel from which the release of an Extremely Hazardous Substance or Hazardous Substance occurred *shall immediately notify verbally* by telephone, radio or in person:

- The local Fire Department having jurisdiction where the spill occurred.
- Ashland County Emergency Coordinator or his/her designee.
- Ohio EPA

The verbal notification shall be given within *thirty minutes* after first knowledge of the release, unless notification within that time is impractical under the circumstances. Local jurisdictions responding to an incident will complete the appropriate documentation for filing with the LEPC**.**

After Action Report

As soon as practical, but not later than *thirty days* after the release, the owner or operator of the vessel from which the release occurred shall submit to the LEPC and Ohio EPA a *written* after-action report of the release updating the information provided in the initial verbal notice. This information must include the following:

- Actions taken to respond to and contain the release
- Any known or anticipated acute or chronic health risks associated with the release.
- Where appropriate, advice regarding medical attention necessary for individuals exposed to the substance released.
- A summary of all actions taken by the owner or operator to prevent a recurrence of the release.

3) Receipt of the Report

The initial reporting call will most likely be taken by the 911 dispatch system. Ashland County has an enhanced 911 system that allows a person in a particular jurisdiction to dial 911 and be connected to the local law enforcement agency or fire service.

b. Recording the Initial Call

The Chemical Emergency Reporting Form will be completed by the on-scene Incident Commander. The form was developed to capture the pertinent information required under SARA, Title III, Section 304, b, 2; and ORC 3750.06, Section C. The form is also used by LEPC to record information from incident report calls.

The requested information includes:

- Time, location, date, and duration of the release
- Chemical and /or placard-label name.
- Is the chemical on the SARA EHS list?
- Medium into which the chemical was released.
- Form of the material and the type of container used.
- Estimated quantity of the chemical involved.
- Type of incident.
- Known or anticipated health risks.
- Has the facility been evacuated?
- Any other Precautions recommended
- Contact point for medical inquires.
- Caller's name, address and phone number.

Documentation

When notification is given, the Community Emergency Coordinator, or his/her designee, completes *the Hazardous Material Emergency Reporting Form* and later files it with the follow-up report at the Ashland County EMA. Cumulative records and summary reports are prepared by the EMA.

c. Notification of Response and Support Agencies

The 911 dispatcher will assign the required response according to the information obtained from the caller. In most cases the response to a fixed site has been predetermined. In a transportation incident the dispatcher may have to rely strictly on the notification information.

The Incident Commander determines the level of response, and the appropriate support agencies are notified by the dispatcher or his/her designee. Each support group is responsible for providing area

dispatchers with up-to-date names and means of contact, including back-up names.

Each support group is responsible for providing internal notification to alert the appropriate personnel. Personnel should be assigned to the scene, local headquarters, an EOC, if appropriate.

d. Role of the Community Emergency Coordinator

The Ashland City Fire Chief or designee serves as the Community Emergency Coordinator for hazardous materials. The role of the Community Emergency Coordinator is to ensure notification of the proper authorities at the county and state levels, support the Incident Commander and establish the operation of the EOC if necessary.

e. Notification of Adjoining Jurisdictions

Adjoining jurisdictions, which could potentially be affected, will be notified on the direction of the Incident Commander or another official. Changes in incident status will also be communicated to the affected jurisdiction.

f. Definition of Emergency Condition Levels
Can be located on page III-23 of this document.

2. Incident Assessment

a. Fire Service Capabilities

Annex F of the Ashland County Emergency Operations Plan provides an organized presentation of Ashland County's firefighting and rescue capabilities in the event of an emergency. This annex will specifically address hazardous material response.

1) Ashland County fire departments have an organized joint hazardous material response.

Each jurisdiction fire service is responsible to identify the need for mutual aid and assist at the operations level for hazardous material

response.

2) Ashland County fire departments are trained in hazardous material response in accordance with the Superfund Amendments and Reauthorization Act. All officers are responsible for the training of firefighting personnel and for ensuring proper compliance with training requirements.

3) Each Ashland County fire department that adjoins a fire department in an adjacent county has developed mutual aid agreements with those participating fire departments.

b. Law Enforcement Capabilities

If local and county capabilities are overtaxed support can be obtained from Ashland County Sheriff, Ohio State Patrol, and if necessary the National Guard.

1) Law enforcement is a first responder at a hazardous material incident and as such will be trained in the proper incident procedures. This includes, but is not limited to, maintaining positions that do not endanger the safety and well being of the officer. All officers are responsible for the training of personnel and for ensuring proper compliance with training requirements.

2) Law enforcement groups involved will have to expand their operation to provide the increased manpower coordination necessary to perform their assignments.

3) Law Enforcement's role in a hazardous materials response will include: traffic control, evacuation notification, assembly point liaison and security. These tasks reflect the daily activities or direct extensions of daily activities.

c. EMS Capabilities

The role of an EMS response to a hazardous material release is the treatment and care of casualties that may have resulted from exposure to a

hazardous material. EMS response requires extreme caution to insure the safety of the EMS team.
Medics (ALS Units): Must have at least three people on the vehicle, a minimum of two state certified paramedics. All personnel must be trained to an "Operations" Haz-Mat level.

Squads (BLS Units): Must have at least two state certified EMT's on a vehicle. All personnel must be trained to an "Operations" Haz-Mat level.

Mutual Aid agreements are in place to provide back-up to Ashland County units when needed.

d. Procedures to Monitor Effects/Movement of a Release

During an incident monitoring teams, health officials, and safety personnel will determine safe working levels for emergency response workers and safe habitation levels for the surrounding populations and environment.

1) On -site Monitoring Teams may consist of:

a) The Ashland Fire Dept. can provide staff and monitoring equipment, as requested by local Incident Command. **See Fire Dept. resource directory.**

b) The local health department will monitor and report on the chemical's effects on humans, including food and water supplies. Through coordination with the Fire Dept., crosschecking of the amount and rate of release with the computer modeling of the chemicals will indicate known effects. The Department of Agriculture will be notified in the event animals are involved.

c) The Ohio Environmental Protection Agency On-Scene Coordinator will work with the local responders to determine the effect upon the human and animal population plus the environment as a whole. The Incident Commander will ensure that Ohio EPA is notified. The OEPA On-Scene coordinator is responsible for releasing the scene back to the general public.

d) The on-scene commander, or designee, will have the

capability to prepare a model of chemical airborne disbursement. The data can provide the Incident Commander with information that can be utilized in public protection action decisions.

2) Post-Incident Monitoring

The local health department will conduct one or more studies of the surrounding area if the incident warrants further investigation.

a) Biological Levels of Substances

State labs and toxicologists can help to determine which substances would be useful to measure in the study. They can also help to determine what methods of measurements are suitable. The Centers for Disease Control can aid in making these decisions if expertise is not available within the state.

b) Investigation of Health Effects

Epidemiology protocols are in place for surveillance. The Health Department has agent specific protocols to be used in the event of an emergency. Appropriate agencies will be contacted for mutual aid including but not limited to the Ohio Department of Health and the CDC. Arrangements are in place to transport lab samples to the Level 3 lab at Ohio State University or others as necessary.

e. Initial Size-Up of Incident Scene

1) Fire Dispatching Office

Dispatchers will attempt to obtain any and all information from the person reporting a hazardous materials incident. Information obtained should include:

- Material name and/or type
- Amount and size of container(s)
- Nature of problem (leak, spill, fire, etc.)
- Dangerous properties of material

2) First Arriving Unit

The first arriving officer or in-charge firefighter will establish a command post and give a size-up.

First arriving companies will exert extreme caution so as not to commit themselves to a dangerous position or situation.

When approaching, slow down or stop to assess any visible activity. Evaluate the effect or possible effects of wind, topography and location of the situation.

All incoming companies shall stage in a safe location designated by the Incident Commander, considering wind, spill flow, explosion potential and any other pertinent factors.

3) Size-Up

The objective of the size-up is to identify the nature and severity of the immediate problem and gather sufficient information to form a plan of attack. A hazardous materials incident requires more cautious and deliberate size-up than most fire situations

a) Avoid premature commitment of companies and personnel to potentially hazardous locations. Proceed with caution in evaluating risks before formulating a plan and keep uncommitted companies at a safe distance.

b) Identify a hazardous area based on potential danger, taking into account materials involved, time of day, wind and weather conditions, location of the incident and degree of risk to protected personnel. Take prompt action to evacuate and/or rescue persons in immediate danger if possible, for the safety of all personnel.

c) The major problem, in most cases, is the identification of materials involved in a situation and the hazards presented. Look for labels, markers, and shipping papers. Ask personnel at the scene (plant management, responsible party, truck drivers) for any information they may have.

d) Utilize reference materials and have the fire dispatching office contact other sources for assistance (CHEMTREC manufactures of material, other agencies). Survey equipment stored on fire vehicles will be used as needed to supplement and confirm chemical information.

f. Action Plan

1) An action plan to deal with the situation will be developed by the Incident Command Staff, considering the initial size-up and available information. The plan must include a method to either:
-Get the hazardous material back into a safe container
-Dispose of it
-Neutralize it, or
-Allow it to dissipate safely.

2) The action plan must identify the method of hazard control and identify the resources available and/or required to accomplish this goal. It may be necessary to select one of several different options or the best immediate action may be no action at all until proper resources are available.

3) All action plans must provide for:
-Safety of citizens
-Safety of fire fighters
-Decision making process for evacuation
-Control of situation
-Stabilization of hazardous material
-Disposal or removal of hazardous material

4) Response teams will only perform the duties for which they have been trained.

5) The action plan must contain an accurate assessment of the weather. Weather information can be procured from: National

Weather Service

- Monitoring the weather radar in dispatch when a watch or warning is in place

Amateur Radio Emergency System (ARES) Radio – weather spotters county fire frequency or face to face.

g. Facility Personnel Actions

Facility personnel actions are detailed on page III - 23 of this document.

h. Use of Private Agencies/Contractors

The fire service may not be prepared to contain or clean up a large release. Private contractors may be needed to assist or conduct the activity. Issues for consideration when using private contractors are:

1) Level of personal protection provided by the company.

2) Company's access to gas, air, and water monitoring equipment.

3) Mobilization time.

4) Types and amounts of containers company has on hand.

5) Types and amount of equipment company can provide.

6) Ability to communicate with emergency and traffic control personnel.

7) Training in spill response.

8) Ability to handle waste.

9) Access to disposal sites.

10) Clean-up materials available.

11) Ability to maintain equipment and personnel for long term clean up.

i. Assessment Procedures of the Health Department

Local Health Department Involvement

The Ashland County-City Health Department will respond upon request to hazardous material incidents in the city and county. They can work with the Incident Commander to provide assistance in the determination of health effects of the chemical(s) involved and can-do epidemiological studies. The Ashland County/City Health Department works on environmental health issues. The department will become involved in hazardous material incidents at the request of the on-scene Incident Commander, EMA/designee or in accordance with their response plans.

3. Direction and Control

Direction and Control of a chemical incident is a coordinated effort provided at the scene of the incident by the Incident Command Post. In larger incidents the county Emergency Operations Center or jurisdiction EOC may be activated to assist the Incident Commander.

a. Incident Command

The Incident Command System will be established according to guidelines detailed in the Ashland County Fire Chiefs' SOG for Incident Command System. These guidelines are written to meet the OSHA/EPA regulations requiring the use of an Incident Command System for hazardous materials incidents. (Ashland County Fire Chiefs' SOG number 95-06, page 1).

1) The Incident Command System

It shall be mandatory that the senior officer of the first unit arriving on the scene of an emergency incident initiate the basic incident command function, establish a Command Post, and assume all related command responsibilities. This shall be performed regardless of the jurisdictional boundaries. The initial Incident Commander shall retain these responsibilities until one of the following occurs:

-Command is passed to the next arriving officer
-Command is officially transferred
-The incident is terminated

a) Command Responsibilities

The person assuming command is responsible for the following:

- Assuming an effective command location.
- Calling on the scene and transmitting the initial radio report and size-up.
- Assessing the incident priorities.
- Determining the incident's strategic goals and tactical objectives.
- Developing and implementing the incident action plan.
- Developing an incident command structure appropriate for the incident.
- Assessing resource needs and orders, deploying needed resources.
- Coordinating overall emergency activities.
- Serving as ultimate incident safety officer; responsible for preventing fire fighter injuries and/or deaths.
- Coordinating activities of outside agencies.
- Authorizing information release to the media.
- Returning companies to service.

The Incident Commander will be identified by properly labeled orange vest

b) Command Staff Positions

Safety Officer

The Safety Officer will monitor and assess the safety hazards and unsafe situations and develop measures for ensuring personnel safety. This position has veto power over the Incident Commander for safety issues.
The Safety Officer will be identified by a properly labeled orange vest.

Liaison Officer

The Liaison Officer will coordinate the management of assisting or coordinating agencies. Liaison personnel of assisting agencies will report to the Liaison Officer.
The Liaison Officer will be identified by a properly labeled orange vest.

Information Officer
The Information Officer is responsible for interface with the media and other appropriate agencies. The Information Officer acts as a central clearing point for the dissemination of information.
This position will be identified by a properly labeled orange vest.

Staging Area Manager
For large complex incidents requiring an on-scene reserve of fire companies, as well as other agencies, the Incident Commander may designate a formal staging area and appoint a Staging Area Manager. The Staging Area Manager will be responsible for the safe and effective movement of apparatus and will assign companies to report to specific divisions or groups.

c) General Staff Functions

Operations
Operations are responsible for management of all tactical operations at the incident.
The Operations Section Chief will be identified by a properly labeled orange vest**.**

Planning
Planning is responsible for the collection, evaluation, dissemination, and use of information about the development of the incident and the status of resources.
The Planning Section Chief will be identified by a properly labeled orange vest.

Logistics
Logistics is responsible for providing facilities, services, and materials for the incident. The Logistics Section Chief manages service and support resources of the incident.
This will be identified by a properly labeled orange vest.

Finance
Finance is responsible for tracking all incident costs and evaluating the financial considerations of the incident.
The Finance Section Chief will be identified by a properly labeled orange vest.

A diagram of the Incident Command System: Located in the Ashland County EOP, section V, page V-8.

2) The Incident Command Post

a) Establishing an Incident Command Post

The Incident Command Post is established by the jurisdictional fire department, usually at one of the vehicles. A dedicated Command Vehicle is available to any county jurisdiction through the 911 Dispatch Center. The Incident Command Post is supported by primary and backup communications systems which coordinate on-scene activities and with supporting agencies including the County EMA, and when activated, the EOC.

b) Identifying the Incident Command Post

A vehicle from the responding fire department will initially be the designated Command Post. Additional identification materials will be used that specifically identify the incident as a 'hazardous materials incident'. The Buckeye Sheriffs Communications 7 vehicle will become the Mobile Command Post upon its arrival.

3) Communication Networks

All First Responders are able to communicate on a common frequency. Further communication networks are discussed in section VI, ESF#2, in the Ashland County Emergency Operations Plan.

4) Overall Responsibility to Maintain Control

In accordance with ORC 3737.80, the Chief of the fire department in whose jurisdiction the emergency situation is occurring or his designee is responsible for the primary coordination of the on-scene activities of all agencies

5) Incident Command/EOC Coordination

Coordination between the Incident Command and the EOC, when activated, is described in detail in the Ashland County Emergency Operations Plan, section VI, ESF#5. If an EOC is not activated the

EMA will coordinate directly with on-scene command when requested.

6) Use of Response Action Checklists and Other Forms/logs

Forms and records and discussion of their use can be found in the county EOP, section VI, ESF#5. Samples of forms and logs are also located in ESF#5.

7) On Scene Direction

The Incident Commander will coordinate all public and private agencies on-site. The purpose of the Incident Command Post is to provide, on-site unified command of all participating agencies to ensure coordinated operations, simplification of communications, performance of logistical tasks, and overall management of incident activities.

Fire, Law Enforcement, EMS, and HazMat Teams will be managed by the Operations Section Chief. Support Services will be managed by the Logistics Section Chief.

When an incident becomes protracted and involves numerous agencies, a local emergency operations center or the countywide EOC will be activated to coordinate resources, outside agencies, and communications.

8) Resource Acquisition

Proper equipment requirements for the incident will be determined following the fire service standard operation procedure. The Logistics Section Chief manages service and support resources required for the incident. This individual should establish functional units when needed to maintain an acceptable workload and span on control. Branches may be required within Logistics to maintain span of control when several functional units are established. For large complex incidents the staging officer will assign companies to report to specific divisions or groups.

The Logistics Section Chief will have access to the Resource Directory. It is maintained by the Local EMA. Additional resources can be identified and procured through the OEMA.

9) Capability for 24-Hour Protracted Operations

a) Key Officials
Each jurisdiction has requirements that mandate notification of key officials, or their alternates, during a major incident. Jurisdictional lines of succession are maintained locally and are available at the EMA office.

b) Emergency Responders
Staffing is the responsibility of each agency. Each agency tasked for response will establish an internal protocol for alert notification. First responders (fire and police) have a 24-hour response capability. Ancillary groups (ARC, EMA, and Health) do not work 24 hours but have a notification procedure to contact the current duty officer.

b. Emergency Operations Center
The EMA will notify the appropriate agencies when a significant incident occurs that requires the EOC to open.

1) **Obtaining Chemical Information**

a) To identify materials involved in an incident, responders will:
- Look for labels, markers, and shipping papers.
- Consult with responsible party (plant management, transport company, etc.)
- Utilize reference materials and have fire dispatching office contact other sources for assistance, (CHEMTREC, manufactures)

b) Information/resource available in the EMA office maintains the following:
- Types and amounts of hazardous chemicals contained at each EHS and SARA facility in Ashland County.
- The effects of these chemicals on people and the environment
- Access to Sewer maps of Ashland County
- Surrounding County Maps
- Cellular and fax links to the Poison Control Center
- Technical data on each Extremely Hazardous Substance in the county including toxicity, physical characteristics, first aid, health effects, fire fighting

procedures for the chemical, clean up and disposal methods for the chemical and applicable federal regulations.

- Computer models of chemical plume behavior are available via CAMEO in the EMA Office and on the laptop computer in the command vehicle. Based on the chemical and amount of release and the weather conditions, the model can predict the distance and speed the plume can travel and the necessary evacuation area.

4. Emergency Condition Levels

The LEPC and the Fire Chief's Association have adopted the International Fire Service Training Association's hazardous materials levels of response.

Level 1
The incident can be contained with the initial response.

Level 2
The incident requires a specialized response including hazardous material team, mutual aid, possible small evacuations and public disruptions.

Level 3
The incident puts extreme pressure upon the response agencies. Large-scale evacuations, long term response, and major outside resources are needed or required by the Incident Commander.

Descriptions of Incident Levels I, II, & III can be found at:
https://services.dps.ohio.gov/ERP/Fire/Activation/FDResourceDatasheet.htm

a. Expected Facility Personnel Actions

1) Fixed Facilities

- Designate a Facility Emergency Coordinator responsible for assisting in the preparation of an on-site contingency plan. This plan should include specific responsibilities, notification and emergency response procedures and available resources. Copies of the plan should be sent to the jurisdiction fire department and LEPC.
- Notify 911 Dispatch Center of a hazardous material incident.

Provide the dispatcher with all the appropriate information.

- Provide technical support, as requested, in the development of off-site risk assessments and contingency planning.
- Provide technical support to the Incident Commander at the Command Post during an incident.
- Provide personnel, technical expertise, equipment support, and participate in chemical hazard exercises and other training activities.
- Notify appropriate officials/agencies of a chemical release incident as directed by Federal and State regulation.

2) Pipeline Operators

- Responsible for a plan that outlines the general actions and establishes policies to be followed in the event of a chemical release incident.
- Provide personnel, technical expertise, equipment support, and participate in chemical hazard exercises and other training activities.

3) Rail and Highway Carriers

- Develop a chemical incident response plan
- Maintain a response capability in the event of a hazardous material involving rolling stock.
- Notify 911 Dispatch Center of a hazardous material incident. Provide the dispatcher with all the appropriate information.
- Provide proper identification of all hazardous materials carried.
- Insure that shipping papers are carried on truck/train.
- Provide technical assistance, personnel and resources to the Incident Commander to mitigate incidents involving their stock or property.
- Provide personnel, technical expertise, equipment, support and participate in chemical hazard exercises and other training activities.

4) Support Agency Procedures

Notification procedures for support groups will come from 911 dispatch or designee. The notification of support groups will be tied to the levels of response. Once the Incident Commander evaluates the situation a response level can be given and the appropriate support agencies notified.

Each support group has the responsibility to provide area dispatchers with up-to-date names and means of contact for each agency including back-ups.

Each support agency shall report to the Incident Command Post upon arrival at the scene for coordination of activities. Support groups may include, but are not limited to:

a) The American Red Cross

The American Red Cross will provide mass care shelter and feeding for ambulatory evacuees. The ARC will coordinate Human Services support in shelters, respond to welfare inquires, feed and shelter emergency workers and coordinate return of sheltered evacuees with the EOC. To aid in coordination of activities, liaison personnel will be assigned to the EOC if opened.

b) Health Departments

The Ashland County-City Health Department with the Ohio EPA and Incident Commander will determine return criteria and issue a statement through the Public Information Officer authorizing return of evacuees. The department will provide health effects assessment as required during the incident and provide epidemiological studies following the incident utilizing the Ohio Department of Health when necessary.

c) Emergency Management Agency for Ashland County

The Emergency Management Agency will provide resource data as requested or as available. The EMA will provide field support personnel at the Field Command Post and activate an Emergency Operations Center when necessary. The EMA will assist responding agencies within this plan. The EMA will provide information to the jurisdictional Chief Executive Officer. The agency will advise Ohio EMA of an incident when appropriate and request state and federal assistance if necessary.

d) Ohio Environmental Protection Agency

The Ohio EPA will be notified of all reportable incidents. Ohio EPA On-Scene Coordinator will if requested, provide available information to the Incident Commander about the toxicity of the hazardous materials(s) and

advice/recommendations regarding withdrawal and return requirements Ohio EPA will also supervise clean-up.

e) State and Federal Support

Planning, training and on-site assistance are available through state and federal agencies. Some of these agencies are:

State Emergency Response Commission - SERC
Ohio Emergency Management Agency - OEMA
Federal Emergency Management Agency - FEMA
Ohio Department of Natural Resources - ODNR
Ohio Environmental Protection Agency - OEPA
National Response Center - NRC

A diagram of the integration of state agencies can be found in the Ashland County EOP.

b. Emergency Operations Center:

When a hazardous material incident becomes protracted and involves numerous agencies, a local Emergency Operations Center (EOC) or the countywide EOC will be activated to coordinate resources, outside agencies and communications. The EOC would function as it would for any other large-scale incident, with the possible addition of the site facility representative, chemical company, or transportation company representative.

The Ashland County EOC is located at 1205 E. Main Street, Ashland. Alternate Emergency Operation Center locations include:

- Ashland City Fire Dept., 274 Cleveland Ave., Ashland, Ohio 44805
- Other county Fire Departments

A detailed discussion of EOC operations and procedures is in the Ashland County EOP.

1) EOC Activation

The decision to activate an EOC will be made by the Emergency Management Director or his/her designee and jurisdictional officials.

2) EOC Activities during an EHS Incident

During an EHS incident an EOC would operate the same way as for other types of incidents, general functions would be:

·Resource coordination
·Information gathering
·Data analysis
·Decision making
·Information dissemination

These functions can be performed at any designated EOC, the county-wide EOC, and the local jurisdictional EOC or at the field Command Post.

3) EOC Management

a) Internal EOC operational procedures are the responsibility of the Emergency Management Director and his/her designee.

b) EOC operations are organized into four groups:

- The *Executive Group* will coordinate EOC operations, coordinate with the Incident Commander, manage overall emergency response and recovery effort.
- The *Communications Group* will facilitate communication between field forces and the EOC, other jurisdictions and the state EOC.
- The *Operations Group* will be department and agency representatives who will direct and coordinate the resources of his/her respective area.
- The *Administrative Group* will be support staff, message runners, typists, loggers, etc.

4) Twenty-four Hour Capabilities

EOC staffing will be the responsibility of each agency. General duties of all EOC staff are listed in the Ashland County EOP.

Twenty-four-hour EOC staffing will be accomplished. Staff will be requested to sign out on the registration log and record an emergency telephone call-back number to ensure expeditious recall to the EOC should conditions worsen or to relieve their replacement and resume their shift.

5) EOC Diagrams

Diagrams of the EOC are in the Ashland County Emergency Operations Plan.

6) EOC Staff Requirements and Notification

a) Staff Requirements

The minimum number staff required for the EOC would be determined by the EMA Director. A full compliment of EOC staff positions and their duties can be found in the Ashland County EOP.

b) Notification

EMA will notify the appropriate agencies when a significant incident occurs that requires the EOC to open. The EMA will notify all appropriate agencies of de-activation.

7) Sample EOC Logs and Forms

Samples of EOC Logs and Forms are in the Ashland County Emergency Operations Plan; ESF#5.

8) **Facility Personnel EOC Support**

Facility personnel or the transport company will provide technical support and be a contact point for information regarding chemicals, their volatility and interaction with the surrounding environment.

c. Communication Among Responders

1) Primary and Back-up Communications Methods
2) Communications during a hazardous materials response will be handled using normal operating radio frequencies.
3) MARCS Radios may also be used
4) Two mobile command posts have 200 channel capabilities.
5) All responding agencies also have cellular telephone capabilities.

d. Additional Systems

A detailed description of additional communication systems (amateur radio, etc.) Including frequencies used, can be found in the County EOP, ESF#2.

5. Containment and Scene Stabilization

a. Abilities of Ashland County Fire Departments to Contain and Stabilize a Release.

The abilities of Ashland County fire departments, based on training, are discusses in Section C-2-a of this document.

b. Law Enforcement Scene Stabilization Procedures

1) The ranking law enforcement person at the unified command post will determine the traffic control points and detours.
2) The Incident Commander will be consulted to assure the traffic control locations and patterns will be outside the potential danger zone.
3) Officers will be assigned to designated intersections. Traffic barriers may be used where appropriate.
4) Escort services for Law Enforcement evacuation procedures can be found on page III-46

c. Arrangement and Integration of Other First Response Efforts.

1) A Hazardous Materials Team is organized within the Ashland Fire Department. Upon size of the scene, a call could be made to the Mansfield city Fire Department which is a Type II HazMat Team should additional resources and level of response be needed. If a TYPE I team is required, the Summit County Hazardous Team will be contacted.

2) Eleven fire departments in the County are responsible for service to 15 separate political sub-divisions. Ten departments function at the Operations level. One functions at the Technician level. The combined capabilities allow the following functions.

· Foam
· Decontamination -
· Air Supply and Haz-Mat EMS
· Entry
· Field Communication/Command Vehicle (Sheriff's Office)

3) A list of these contractors, their equipment, personnel capabilities and contact person is located in Annex F of the EOP.

d. Containment and Stabilization Procedures

After evaluating the hazard, the Incident Commander will determine the most appropriate method for containment. Ashland County fire departments are trained to contain a release. All Officers are responsible for the training of firefighting personnel and for ensuring proper compliance with this guideline.

Information on containment of a spill is in the US DOT Emergency Response Guidebook. The guidebook lists the potential hazards and the emergency action to take for DOT regulated materials. Also included is information on placard recognition, an isolation/evacuation distances for selected chemicals.

1) Three Basic Containment Procedures:

a) Diking

Where a leak is emanating from a vehicle - dikes should be placed around both sides of the vehicle rather than just in the area of the leak. The location of the dikes should be determined after evaluating the hazards to workers. Precautions must be taken to keep contaminants from entering the water system. e.g., covering manholes and sewers with several layers of plastic, sand and/or oil dry.

b) Discharge Suppression

Options include creating a water fog - or covering the discharge with foam to prevent formation of a toxic cloud. Steps should be taken to plug the leak.

c) Allow Product to Continue to Burn

Appropriate if material consists of hydrocarbons or is located in a pipe or in a cylinder under pressure. The best action may be no action except for monitoring the fire to prevent spreading.

6. Response Personnel Safety

The Incident Commander is responsible for the overall safety of responders. The Incident Command System is followed. The system expands and contracts to effectively co-ordinate the incident allowing integration of other agencies.

a. Safety Officer

The Incident Commander shall appoint a safety officer upon arrival at the scene. The safety officer will monitor and assess hazards and unsafe situations and develop measures for ensuring personnel safety accordingly. This position has veto power over the Incident Commander for safety concerns.

b. Hazard Zones

The Following perimeters (Zones) will be established by the Incident Commander to control scene access at working hazardous materials emergencies. The Safety Officer and the hazardous materials team shall assist the Incident Commander in determining the zone boundaries. The shape and dimensions of the hazard zones shall depend upon such factors as the magnitude of the problem, wind direction and velocity, surrounding topography and/or adjacent structures, etc.

1) Hot Zone (High Hazard)

Immediate danger area surrounding the problem site. Only to be entered by trained hazardous materials personnel or individuals possessing particular knowledge of the problem/situation, under monitored conditions. During actual operations, a back up team (minimum of two personnel) wearing appropriate protection will be stationed at the edge of the Hot Zone.

2) Warm Zone (Potential Hazard)

Area surrounding the Hot Zone that presents a minimum hazard to fire department personnel. Restricted to those assigned by the Incident Commander. The warm zone contains the decontamination corridor.

3) Cold Zone (No Hazard)

Area surrounding the Warm Zone which presents no hazard to emergency services personnel and equipment. Reserved for emergency services functions only; command post, triage, agency liaison and news media.

c. Personnel Protective Equipment

The Incident Commander determines the level of PPE.

When response activities are conducted where atmospheric contamination is known or suspected to exist, personnel protective equipment must be worn. This

equipment is designed to prevent/reduce skin and eye contact as well as inhalation or ingestion of the chemical substance. Personnel equipment to protect the body against contact with known or anticipated chemical hazards has been divided into four categories.

1) Full protective clothing (turn-out gear) and SCBA should generally be considered the minimum for Hot Zone operations.

2) Level A Protection

Level A protection should be worn when the highest level of respiratory, skin, eye, and mucous membrane protection is needed.

Level A protection includes:

- Positive pressure, self-contained breathing apparatus.
- Fully encapsulating chemical resistant suit.
- Gloves, inner, chemical resistant.
- Gloves, outer, chemical resistant.
- Boot, chemical resistant, steel toe and shank; (depending on suit boot construction, worn over or under suit boot.)
- Two-way radio communications.

Optional:

- Underwear, cotton, long-john type.
- Hard hat (under suit)
- Coveralls (under suit)

3) Level B Protection

Level B protection should be selected when the highest level of respiratory protection is needed. This protection is the minimum level recommended on initial site entries until the hazards have been further identified and defined by monitoring sampling, and other reliable methods of analysis, and personnel equipment corresponding with those findings utilized.

Level B protection includes:

- Positive pressure self-contained breathing apparatus.
- Chemical resistant clothing (overalls and long sleeved jacket, coveralls, hooded two piece chemical splash suit, disposable chemical resistant coveralls.
- Gloves, outer, chemical resistant.

- Gloves, inner, chemical resistant.
- Boots, outer, chemical resistant, steel toe and shank.
- Two-way radio communications.

Optional:

- Coveralls (under splash suit)
- Boots, outer, chemical resistant.
- Hard Hat.

4) Level C Protection

Level C protection should be selected when the type of airborne substance is know, concentration measured, criteria for using air-purifying respirators met, and skin and eye exposure is unlikely. Periodic monitoring of the air must be performed.

Level C protection includes:

- Full-face, air purifying perspiration.
- Chemical resistant clothing (one piece coverall, hooded two piece chemical splash suit, chemical resistant hood and apron, disposable chemical resistant coveralls.
- Gloves, outer chemical resistant.
- Boots, steel toe and shank, chemical resistant.
- Two-way radio communications.

Optional:

- Gloves, inner, chemical resistant.
- Boots, steel toe and shank, chemical resistant.
- Cloth coveralls (inside chemical protective clothing).
- Hard-hat
- Escape mask

5) Level D Protection

Level D is primarily a work uniform. It should not be worn on any site where respiratory or skin hazards exists.

d. Decontamination

Specific procedures to decontaminate personnel and equipment are outlined in the fire departments' Decontamination SOGs. In addition, specific fire departments have responsibility for decontamination.

The decontamination method used at an incident will depend on: material identification, assessment of its effects, and its actual removal and disposal.

e. Use of Mental Health Specialists

A Critical Incident Stress Management Team may be accessed by calling the Ashland/Richland County CISS Services through 911.

7. Victim Treatment and Handling

In the event of a hazardous material release, the role of EMS response is treatment and care of casualties that may have resulted from exposure to a hazardous material. EMS response requires extreme caution to insure the safety of the EMS team.

At on-scene arrival, EMS will:

- Report to Command Post Liaison Officer
- Dedicate personnel to monitor and treat the entry team.
- Treat and transport victims.

a. Procedures and abilities of Fire Department and EMS personnel to recover, treat, and transport victims of a release.

1) Personnel Requirements

Appropriate level emergency medical teams will be dispatched to hazardous material incidents.

2) Procedures

a) Upon arrival at the scene EMS personnel will assess the situation by:

- Determining if hazardous material has been identified.
- Determining the health and safety risk of the substance involved.
- Determining the signs and symptoms of poisoning.

b) EMS will coordinate chemical information with the Health Department and/or hospital, as needed.

c) During an incident EMS units will provide for the treatment of victims - these duties include:

- Establish a triage area.
- Provide for victim treatment and transportation.
- Administer initial emergency care to victims.

d) EMS personnel will help with physical exams of personnel following decontamination.

b. Hospital Personnel Methods and Procedures Based on Current Abilities and Limits.

1) Samaritan Hospital has its' own procedures for handling a hazardous material incident.

2) Samaritan hospital and emergency room personnel are prepared for individual problems associated with contaminated victims.

3) Area hospitals not directly involved in the initial incident can be used to treat less severely affected victims.

4) If the situation warrants a hospital evacuation, individual hospital procedures will be followed.

c. Hospitals Capable of Handling Contaminated Patients:

See Tab C of the EOP.

d. Procedures to Protect Crews and Equipment from Contamination

All responders shall follow Incident Commander's guidance regarding protective gear, exposure time, distance, evacuation, and decontamination.

EMS Units will:

1) Assist Safety Officer with monitoring of personnel in protective gear.

2) Dedicate an EMS squad to assist the entry team.

3) Ensure individuals in encapsulated suits receive fluids and have vital

signs taken and recorded prior to entering the "hot zone". The same procedure should be followed when individuals are removed from encapsulated suits and protective gear.

4) Establish and assist with the appropriate decontamination of personnel and equipment.

5) Secure plastic sheeting within the transportation vehicle to prevent contamination.

6) Upon termination of the incident check that appropriate personnel and equipment decontamination has been completed.

7) When operations are complete EMS specialists will proceed to and help with physical exams on personnel, following decontamination.

e. Coordination of EMS Operations with On-scene Commander

1) Upon arrival at the scene EMS personnel will check-in with the Incident Commander.

3) EMS operations will be coordinated through the Transportation Officer to the Incident Commander. Or directly with the Incident Commander if no Transportation Officer is designated.

f. Standard Site Set-up

The EMS site will be established by the EMS Officer after meeting with the Incident Commander. This location should be in close proximity to the Entry and Decon area, preferably close to the Haz-Mat EMS Division

- Each member shall have proper protective clothing as required for each incident.
- EMS vehicles and equipment should be staged for easy access as necessary.
- A Rehab area should be designated to provide a rest area for Fire personnel, and civilians needing a resting place. This area should be large enough to allow for EMS to evaluate people if necessary.
- The set up position should allow for easy entrance and egress for extra EMS equipment.

g. Coordination with Hospital/Medical Centers for Patient Care and Transport

1) Vehicle destination will be determined by on site teams after canvassing area hospitals for availability.

2) Receiving facilities will be selected according to the ability to receive additional patients.

3) The Triage and Transportation Officers will jointly determine the number of vehicles needed for transportation.

4) Victims will be transported to area hospitals in order of the severity of their injuries.

5) The Transportation Officer will be responsible for providing transport vehicles from the staging area.

6) The Transportation Group will advise the EMS Branch of the number and condition of patients being transported in each vehicle. This will be relayed by the EMS Branch to the Command Post and to receiving hospitals.

7) When additional vehicles are needed, a specific request should go from the Transportation Officer to the Incident Commander to the dispatcher. The dispatcher will arrange for additional EMS transportation vehicles.

h. Haz-Mat Team Monitoring and Support

1) The Incident Commander will establish a Rehabilitation Sector or Group when conditions indicate that rest and rehabilitation are needed for personnel operating at an incident scene.

2) The Rehabilitation Sector or Group provisions shall include:

- Medical evacuation
- Treatment and monitoring
- Food and fluid replenishment
- Mental rest
- Relief from extreme climatic conditions

3) EMS services to responders should be provided and staffed by the most highly trained and qualified EMS personnel on the scene (at minimum

of BLS level).

4) Based on discretion of the Rehab Officer and/or EMS crews, members will be observed, examined, vital signs evaluated, and a disposition made (return to duty, continued rehab, or medical treatment and/or transport to a medical facility).

5) Continued rehab shall consist of additional monitoring of vital signs, providing rest, and providing fluids for re-hydration.

6) EMS personnel shall be assertive in an effort to find potential medical problems early.

i. Priorities for Use of Medical Resources during an Emergency.

EMS in Ashland County operates under the Incident Command System. This system establishes a standard structure and guidelines for private/public sector resource integration and the integrated operation of fire, squad, medic and rescue companies.

1) The Incident Commander will assign an EMS Director to be in charge of EMS. Responsibilities will include:

   - Evaluating the situation and reporting to the Incident Commander.
   - Coordinate actions of extrication, triage and treatment groups.
   - Field treatment, stabilization and preparation of patients for transportation.
   - Provisions for transportation of victims.
   - Distribution of patients to medical facilities.
   - Provisions for medical resources as required at the scene
   - Institute documentation system to include: patient demographics, injury description, treatment/medical facility destination.

2) Triage is responsible for prioritizing the transportation and treatment of victims.

3) The Treatment Group will coordinate with other groups/divisions and report to EMS Branch estimated number of victims, resources required and documentation needs and progress.

4) The Transportation Group will maintain hospital capacity status from the EMS Branch Director and will use this to allocate patients to appropriate facilities in consultation with the Treatment Group Leader.

5) Area hospital's emergency plans will be used to mobilize personnel. Patients will be received according to established plan and procedures.

j. Hospital/Medical Center Coordination with on-scene agencies (Incident Command Post, EMS, etc.).

1) The Incident commander may notify the area hospitals and act as liaison between hospitals and the incident scene.

2) All communications will be funneled through the EMS Branch and coordinate with the local hospital. Communication may also involve the local health departments.

3) The health departments will coordinate their response through the EMS Branch on site and consult with the State Health Department as needed. The health departments will provide information to the EMS Branch and Incident Commander at the scene.

4) The Field Command Post will update the EMS Section as the situation changes and/or more data becomes available.

k. Protection of Hospital Personnel and Equipment from Contamination

1) Victims must be decontaminated before putting them in a transport vehicle.

2) In the rare situation where on-scene decon is not possible, a contaminated person who requires immediate treatment and transport, may be wrapped in clean sheets and transported ASAP. The receiving hospital must be notified ASAP that incoming patient is contaminated so arrangements can be made for receiving patient.

3) As part of their plan for these events, hospitals and other medical facilities should have decontamination and security procedures, equipment, and trained personnel to initiate patient decontamination for large numbers of patients at their facilities.

l. Victim Support by Mental Health Specialists

Ashland Richland County Critical Incident Stress Services provides mental health support for victims and workers.

m. The Role of the Coroner

The Ashland County Coroner's Office will be responsible for determining how hazardous material exposure related deaths will be handled.

The Coroner's Office will:

1) Coordinate local resources for the collection, identification and deposition of deceased persons and human tissue.

2) Select sites to establish temporary morgues and the personnel to staff them.

3) Coordinate with search and rescue teams.

4) Coordinate services of funeral directors, ambulances, EMS, other pathologists, dentists and x-ray technicians for the identification of bodies.

5) Provide emergency information to the news media on the number of deaths, morgue operations, etc., as appropriate.

6) Assist in the transport of the deceased.

n. Use and Coordination of Outside Agencies

1) Ohio Department of Health

The Ashland County-City Department of Health will coordinate with the Ohio Department of Health.

The Ohio Department of Health will:

- Provide support and assistance to the county and city health departments as requested. Such support may consist of sanitarians and toxicologists.
- Provide supplies and resources as requested.
- Assist with public health advisories.

2) The Ohio Environmental Protection Agency

Duties will be:

- Receive incident report and assign on-scene coordinator.
- Monitor contamination and pollution of the environment.
- Oversee clean-up procedures.

8. Personal Protection of Citizens

The release of a hazardous material may pose a risk to the public. Measures will be taken to protect the public by providing accurate and timely public information, determining the appropriate protective measures - evacuation or in-place sheltering, and providing for public sheltering and mass care if appropriate.

a. Evacuation Procedures

If there is a perception that there is or may soon be an unacceptable level of risk to the health and safety of people in a given area evacuation procedures may be activated.

General evacuation procedures and responsibilities are detailed in the Ashland County Emergency Operations Plan, Annex J.

1) Implementation of Evacuation Procedures

a) The Incident Commander

The Incident Commander will decide if and when an evacuation will take place and whether personal protection will involve in-place sheltering or withdrawal and sheltering away from the area. The Incident Commander will:

- Define the area requiring in-place sheltering/evacuation.
- Determine the degree of immediacy (is action precautionary or does it require immediate action).
- Define areas of priority based on wind direction and speed, toxicity of the substance, exposure potential,

etc.
- Advise Law Enforcement of the area to be evacuated.
- Initiate alert and notification of organizations having an evacuation role.
- Assist law enforcement in warning and supervising the withdrawal of people.

b) Law Enforcement

Law Enforcement will be charged with actually executing the evacuation. Upon identification of an evacuation zone boundary by the Incident Commander, the rankling law enforcement official at the Field Command Post should determine:

- The geographical outer boundary of the evacuation zone (Selecting natural boundaries such as rivers, freeways, and railroad tracks or easily recognizable major streets as the outer perimeter).
- Location of assembly points.
- General traffic flow patterns and the location of road blocks.
- Number of available personnel (consider mutual aid requests).
- Location of staging areas for government and support personnel that will be involved in the evacuation.
- Warning message content.

Law Enforcement will also:

- Direct, coordinate, and implement the withdrawal.
- Initiate request for transportation support during the early phases of the withdrawal.
- Determine from a pre-existing list what assembly points will be used and assign an officer to provide information about the progress of the incident to the evacuees until relieved/assisted by Red Cross personnel.
- Notify and update the media.
- Provide security for evacuated area including governmental and non-governmental facilities and shelters.

c) The American Red Cross

Evacuation responsibilities of the American Red Cross are:

- Provide mass care shelter and feeding for ambulatory evacuees.
- Assign liaison personnel to the local EOC.

d) Health Department

The health department will provide health effects assessments as required during the incident.

e) The Affected Jurisdiction

The affected jurisdiction will:

- Send representative to the local EOC as needed.
- Provide affected population resource data as requested or as available.
- Provide field operations support.
- Assist with coordination and implementation of evacuation of Care Facility(s) and other special facilities.
- Coordinate with the American Red Cross for: shelter openings, food and support for response personnel, evacuee information, communication, return of evacuees.
- Notify other political jurisdictions that may be affected.

f) The Emergency Management Agency for Ashland County

The EMA will operate from the field command post or activate the county EOC if needed. Duties will include:

- Provide affected population resource data as requested or as available.
- Provide field operations support personnel at the Field Command Post.
- Assist with Congregate Care Facility evacuation.
- Provide central location for obtaining resources.

2) Public Notification

The Fire Department will be the primary community point of alert and notification of hazardous material incidents.

a) The affected political jurisdiction is responsible for notifying other political jurisdictions that may be affected.

b) The first available forces should be used to notify the priority area by:

- Vehicle siren
- Vehicle public address system
- Officers going door-to-door.

c) The Ashland County Outdoor Siren Warning System can also be used to alert citizens to a potential emergency.

d) Neighbors should be used as an information source about elderly/handicapped in the area.

e) Outer-perimeter evacuation zone officers should be informed of the location of assembly points in order to advise citizens trying to enter the area.

f) As soon as possible the electronic media (TV, radio and cable companies) should be notified of the area to be evacuated and the assembly points. The media will provide emergency instructions to residents.

- The Emergency Alert System (EAS) may be activated.
- News of the evacuation will reach beyond the affected area. Providing timely and accurate data to the population at risk.
- Ashland County Alerts, Wireless Emergency Notification System (WENS), may be used as a means of notifying residents of expected action.

3) Protective Action Advise to the Public

Affected individuals will be warned of the potential threat and recommendations given for appropriate safety actions to limit or reduce the chance of injury, loss of life or damage to property.

The specific course of action will be based on available data and professional assessment.

a) Individuals may be requested to withdraw from an area. Specific information will be given on:

- Area to be evacuated
- Evacuation routes
- Assembly points
- Mass care shelters
- Supplies to take with them
- Instructions for pets
- Instructions for safe return to their homes after the incident

b) In some situations, individuals will be instructed to shelter where they are until the danger passes.

c) Once the danger has passed the affected population must again be notified that they may return to normal activities. Additional instructions will be given such as health advisories, instructions on how to air out buildings, etc.

4) Movement of Evacuees

a) Individuals will be asked to use their own vehicles if possible.

b) Neighbors will be requested to assist those who do not have transportation.

c) Emergency response vehicles may be used for transport, if available: cruisers, vans, squads/medics.

c) Fire service and law enforcement may request school busses directly or go through the Emergency Management Agency.

e) Community/mutual aid fire departments may assist with the withdrawal.

f) Designated wheel-chair vans plus private ambulances will be used to move the physically impaired.

Several groups within Ashland County maintain lists of individuals with special needs. These lists include medical and transportation data. This information is used by the fire service on routine runs and can be accessed during evacuations.

5) Evacuation Route Determination

Once the evacuation zone has been identified by the Incident Commander, Law Enforcement will determine evacuation routes and alternate routes based on: location of the incident, toxicity of the substance, explosive potential, location and movement of any chemical plume, the time of day, weather conditions and the size of the area and population to be evacuated

A change in any of these variables could necessitate moving from a primary route to an alternate route.

6) Conditions Necessary to Initiate an Evacuation

An evacuation is undertaken when it is perceived there is or may soon be an unacceptable level of risk to health and/or safety of people in a given area, and the evacuation can be executed safely.

7) Management of Traffic Flow and Security

a) Traffic Control

The ranking law enforcement person at the field command post will determine the traffic control points and detours. The Incident Commander would be consulted to determine if the traffic control locations and patterns will be outside a potential danger zone.

Officers will be assigned to designated intersections with relief shift rotation. Traffic control barricades should be used when possible to receive officers.

b) Security

Law Enforcement will provide security for the evacuated area to prevent looting and possible problems with unauthorized personnel, other officers will be assigned to shelters and critical facilities/resources as needed.

Security and assistance will also be provided to the Incident Scene, Incident Commander and Command Post.

8) Returning Evacuees to their Homes

a) The Health Department will determine return criteria and issue a statement, with the EPA and Incident Commander, through the Public Information Coordinator, authorizing the return of evacuees. The public will be notified through the electronic media.

b) The Ohio EPA will if requested provide information on the toxicity of the hazardous material and advice/recommendations regarding withdrawal and return requirements.

c) Depending on the size of the area evacuated, the return may be conducted by evacuation zones, with evacuees returned in reverse of their departure.

d) If the population needed special transportation to leave the area, that transportation will be made available to return evacuees.

e) Law enforcement will still be responsible for traffic control and the orderly return of motor vehicles. The policy of "first evacuated (closest to the scene) last to return" will be used when possible.

f) The American Red Cross will provide assistance by disseminating return information at the shelters and communicating with the EOC on transportation needs for each shelter.

9) Informing Evacuees of health Concerns or Actions to Take When Returning to Homes or Businesses.

The health department will engage in hazardous material analysis, evaluating the potential health risks associated with the hazard and recommend the appropriate correctional measure, with assistance from the Ohio Department of Health and will issue public health advisories.

Public Health Advisories will be released through the PIO to the electronic media for dissemination to the public.

b. Sheltering and Mass Care

1) Responsible Agencies and Procedures for Implementing Mass Care Provisions

The American Red Cross is directly responsible for organizing sheltering services in cooperation with EMA.

A detailed description of sheltering procedures can be found in the Ashland County Emergency Operations Plan, ESF1A.

a) Shelter Officials will coordinate with the EOC to provide necessary protective actions.

b) When people are advised to evacuate an area by officials, instructions on appropriate assembly points and/or shelter/mass care feeding facilities will be disseminated by the County EMA through:

- Emergency public information broadcasts over radio/TV.
- Neighborhood announcements from emergency response vehicles with public address systems.
- Door-to-door notification by emergency response personnel.

c) During a large evacuation, evacuees will be directed to assembly points for registration and assignment to a shelter by the ARC.

d) Shelters will be designated by the American Red Cross using facilities that have signed agreements with ARC, based on the safe location and availability of the structure.

e) Congregate Care facilities and special needs organizations will cooperate with the County EMA in designating alternate locations if evacuation and sheltering are necessary.

f) The American Red Cross is responsible for mass feeding operations.

2) Coordination of Shelters and Response/Support Agencies

a) The Red Cross will provide a representative at the EOC upon its

activation. All aspects of activating, staffing and running shelters will be coordinated through this individual.

b) The Red Cross will coordinate sheltering activities with EMA and will determine the extent of assistance needed from other governmental and non-profit organizations.

3) Screening and Handling of Evacuees Exposed to an EHS

Evacuees potentially exposed to a hazardous material will require decontamination and triage by EMS units. No contaminated persons will be admitted to a shelter. (See EMS Section 7-a)

4) Procedures to Keep Shelters Free of Contamination

According to Red Cross shelter regulations and procedures, chapters should advocate that monitoring and decontamination activities be located at reception or staging centers. When these activities must occur at shelters, it is crucial that decontamination activities and evacuees who have not yet been monitored be strictly segregated from those who have been monitored. Decontamination procedures will be done by fire service and/or EMS not by shelter providers.

5) Medical Personnel Support to Shelter Operations:

a) Provide medical teams to shelter locations for ill/injured person/s at the shelter.

b) Provide EMS units for emergency transport to hospital and other medical facilities.

c) Provide evacuation to hospitals for those at the shelter who may become critically ill/injured.

d) Provide information on health/medical related issues.

6) Arrangements with Other Districts

a) When the situation is of such magnitude to warrant additional support (technical/logistical) such aid and assistance may be requested in accordance with existing letters of agreement and mutual aid agreements.

b) This support may, in part, be furnished by neighboring jurisdictions in accordance with mutual aid and other agreements.

c. In-Place Sheltering

1) The decision to enact In-place Sheltering as opposed to a general evacuation is made by the Incident Commander. In-place sheltering is viable when:

- The nature and concentration of the chemical in the plume is not life threatening, but may, however, be quite noxious.
- The size of the release and given atmospheric conditions, indicate rapid dispersal of the chemical.
- When a toxic plume approaches so rapidly that timely evacuation cannot be carried out.

2) The decision to shelter in place will be based on:

- Material that has been released
- Material's properties and toxicity
- Anticipated arrival time of the plume (not enough time to evacuate)
- Time required to safely evacuate the endangered population from the area

3) Once the decision to shelter in-place has been made:

a) The in-place shelter zone will be identified by the Incident Commander.

b) The endangered population must be warned through radio, TV Reverse 911, and the EAS, or in person by a police officer.

c) The endangered population will be given instructions based on the specific hazard via radio/TV, EAS or REVERSE 911.

4) **Protective Actions for the Public**

The public will be advised to:

- Go indoors (home, school, office)

- Shut off all outside air sources (doors, windows, fans, air conditioners/furnaces)

- Tune to radio/TV stations and follow any provided instructions

5) Determining When to Terminate the Protective Action

a) On-scene, field forces will assess the situation and monitor the air, water, and soil to determine if the situation is worsening or dissipating.

b) The appropriate health department representatives will work with the Ohio Environmental Protection Agency and the Incident Commander to determine when the protective action is no longer necessary.

6) Informing the Public to Terminate Sheltering

a) Once it has been determined that protective actions are no longer necessary, the affected population, must again, be notified that they may return to normal activities. This will be accomplished in the same manner used to warn them to take shelter.

b) Although the all-clear is given, there may be restrictions placed upon eating or drinking, or keeping clear of areas that may have been contaminated. Any necessary restrictions will be announced at the same time the all-clear notification is issued. Residents will also be given instructions on how to air out buildings and conduct any necessary monitoring.

d. Public Information

1) Agencies and Methods Used to Warn the Public

911 Dispatch serves as the primary continuous 24-hour county warning point to alert key officials and activate the outdoor warning system.

The EMA coordinates the outdoor warning system and WENS notifications.

Notification of governmental departments and agencies is conducted

through the use of the telephone or radio.

2) Systems in Place for Public Warning

Information will be disseminated to the public on the direction of the Incident Commander. Public notification is accomplished by:

- The sounding of sirens
- Special media broadcasts (Radio, TV, Cable Stations)
- Door-to-door notification
- Reverse 911

a) The Outdoor Siren Warning System

Currently the outdoor warning system consists of strategically placed sirens that have the capability of being activated 24 hours a day, by the dispatch center, for the entire county, or just the affected area.

b) The Emergency Alert System (EAS)

The Emergency Alert System is the use of existing radio and TV stations to provide federal, state, and local governments with a means of disseminating warnings and communicating information to the general public. EAS is a digital system capable of automated operation.

Radio Stations: Ashland County is in the Central Ohio EAS Local Area.

- **Conditions for Activation**

  Emergencies, which pose immediate threat to health, life safety or property.

- **Notifiers**

  The Emergency Management Agency Director and the County Sheriff are designated officials authorized to request activation of the EAS and are known as notifiers. Other local officials must request EAS activation through the authorized notifiers.

- **Requests for Activation**

  Requests for activation of the Local EAS will be made by contacting WNCO (Clear Channel), the Local Primary station.

  If WNCO (Clear Channel) cannot be contacted, the alternate Local Primary shall be contacted.

- **Message**

  Notifiers should have all information to be broadcast prepared and ready to read prior to requesting EAS activation. Prepared information should contain the type of emergency, area affected, and action that should be taken.

  Messages are not to exceed two minutes in length, including the following beginning and ending statements:

  - **"We interrupt this program to activate the Emergency Alert System"**
  - **"This concludes this Emergency Alert System message"**

  To avoid unnecessary escalation of public confusion, all messages must be based on definite and confirmed facts.

  Sample EAS messages are located in the EOP ESF #5-1.

c) Door-to-Door Notification

Door-to-door notification will be used if sufficient time exists and can be done without endangering emergency personnel.

d) Public Notification System

WENS will be used to contact the public of any impeding threats to their life, health, safety, and property.

- The message will notify the public of the type of threat

and what protective actions they need to take

- Messages may also be released to notify the public that the threat has passed.

3) Notification of Special Populations

Warning and notification of hearing or visually impaired and Non-English speaking persons will be accomplished by public officials at the local jurisdiction level.

4) Public Information Coordination

Dissemination of public information will be made from the Joint Public Information Center (JPIC), if established, via news conferences, interviews, and issuing news releases. This will serve as the single official point of contact and release of information.

All organizations involved in emergency response and recovery and having requirements to release information to media will cooperate with JPIC procedures set up by the PIO.

The PIO manages the activities at the JPIC in coordination with the Executive Group and representatives in the EOC and the Incident Command Post at the incident scene.

5) Media Role

Media representatives will report to the JPIC to receive briefings and releases of public information. Media resources will inform the public of:

- A description of the emergency condition.
- Evacuation and sheltering instructions.
- The type and availability of assistance.
- A description of any health risks.
- Notification for safe return to homes.

6) Media Contacts

A list of Media Resources and contacts can be found in the Ashland County EOP.

7) Rumor Control

a) Effort will be made to inhibit the development of rumors by maintaining a constant flow of official news to the media.

b) Designated personnel, with dedicated phone lines, will handle inquiries from the public. The dedicated phone lines will be for public inquires only, not the media. Call takers will be kept up to date on the disaster situation through briefings, fact sheets, and news releases.

D. Recovery Methods

1. Clean-up and Disposal

a. The clean-up and disposal process will be coordinated by the Incident Commander in conjunction with the Ohio Environmental Protection Agency and the Health Department and with facility or transporter personnel.

1) Minor Spills or Releases

For minor spills or releases first responders should use the appropriate technique for the situation. Such techniques may include, but are not limited to:

- Flushing the area with water
- Gathering the contaminant into DOT permitted drums for proper disposal.

2) Major Spills or Releases

If the situation goes beyond emergency responder's capabilities, private contractors will be called in at the expense of the spiller. Techniques may include:

- Hydraulic and mechanical dredging
- Excavating
- Skimming
- Pumping
- Dispersion/dilution
- Vacuuming

Note: For billing purposes, only the party responsible for the spill or release should call the private clean-up companies. A list of private contractors and their capabilities is available on the EMA's Resource Data Base.

b. Restoration Recommendations during an incident will be made by the Ohio Environmental Protection Agency.

c. In conjunction with the Ohio Environmental Protection Agency On-scene Coordinator and Incident Commander, the Health Department will determine return criteria and issue a statement through the Public Information Officer authorizing the return of evacuees.

d. The Health Department will also provide epidemiological studies following the incident utilizing the Ohio Department of Health when necessary. The Health Department will test or provide for testing of water, air, soil or food as applicable.

e. Following the removal of hazardous materials from the clean-up, the affected area must be returned to its original condition when feasible under the supervision of The Ohio EPA.

f. If residual contamination remains and it is determined that additional removal is not feasible, a site closure plan should be written for review by applicable state and federal agencies.

2. Investigative Follow-up

a. An incident log and any accompanying documents must be kept for future reference, compiling historical reports, and possible litigation.

b. Each response agency will submit a written document to the Ashland County Emergency Management Agency explaining:

- Notification method
- Time of response
- Tasks performed
- Other locations pertinent to the incident where personnel were maintained (e.g., shelters, operations center, etc.)
- List of any problems encountered

c. Investigative follow-up responsibilities are:

- Circumstances of the release - Fire Department
- Possible criminal activity - Law Enforcement
- Recovery of clean-up costs – Prosecutor
- LEPC information repository - EMA

3. Documentation and Critique

a. Documentation

1) Documentation for a hazardous material incident will follow that which is currently required within each department/agency, with a copy of all reports sent to the Community Emergency Coordinator:

Director, Ashland County Emergency Management Agency
110 Cottage Street
Ashland, Ohio 44805

2) Two reports are now required specifically for a hazardous material incident:

The State of Ohio 902 Form –
This form is submitted to the Ohio State Fire Marshall's office whenever a run is made.

The Chemical Emergency Reporting Form
This form is required by the Superfund Amendments and Reauthorization Act when an emergency response agency is notified of a hazardous material incident.

3) Each group responding to a hazardous material incident will have a form to capture information pertinent to their response. Audio tape and video tape may be used to provide data for a written or oral debriefing.

4) The EMA will serve as the LEPC clearinghouse of hazardous material incident information within Ashland County. This data may be used to compile statistical data on a number of areas including:

- Number of releases per year
- Location
- Material name

- Type of container
- Amount of material released
- Number, names, and uses of support groups
- Product released cross-referenced with the amount of that material transported through Ashland County annually.
- Equipment used during the incident that will need to be replaced.
- Determine if plan changes are required after review of incident reports.

b. Critique

Within two (2) weeks after the incident has been contained, a formal response debriefing will take place. This should be set up by the local jurisdiction fire department or can be facilitated by EMA. The participants will be limited to the response agencies. This group will discuss the incident, each group's response, and any recommended changes in plans or procedures. Each agency will review and update SOP's considering recommendations from the critique. Likewise, any deficiencies in the county plan will be corrected by the LEPC.

4. Cost Recovery

The Ohio Revised Code (ORC), Section 3750.13 states that any person responsible for causing or allowing an unauthorized spill, release, or discharge of a material into or upon the environment is liable for the necessary and reasonable, additional or extraordinary costs incurred by responding organizations.

It is at the discretion of the responding department's chief whether an invoice will be submitted for reimbursement of expenses for his/her department/division.

a. Procedures

1) An incident managed by a single department may invoice directly or through the Ashland County EMA. If invoicing directly, a copy should be sent to the EMA.

2) All multi-jurisdictional incidents will be submitted to the responsible party as a single invoice by the EMA. The jurisdictional fire department will provide a list of all responding departments or agencies to EMA when they submit their invoice.

3) All invoices will be submitted to EMA within two weeks after the 'all clear'.

4) Each responding department's financial person needs to maintain records to verify all expenditures in order to recover those costs. The following are examples:

- Wages, including overtime
- Clean-up materials expended
- Contractual materials (e.g. lights, cranes)
- Food
- Transportation costs for special needs evacuees
- Containment materials and supplies
- Communication costs

5) The EMA will include a 15% administrative charge in addition to the total invoice.

6) If a settlement in full cannot be reached with the responsible parties, the community of jurisdiction and its legal counsel and/or the EMA and its legal counsel are authorized to negotiate a settlement or bring civil suit against the responsible party, (ORC. 3745.13).

b. USEPA Cost Recovery Program

1) The intent of the reimbursement program is to alleviate significant financial burden on a local government resulting from temporary emergency measures taken in response to hazardous substance/s, pollutant/s, or contamination threat/s. Reimbursement is available only to local government.

2) Only one request for reimbursement will be accepted for each hazardous substance release or threat requiring immediate response at the local level. If more that one agency has participated, a single agency must be designated to submit the request on behalf of them all.

3) When evaluating the request, EPA will consider the financial burden on the place of the incident, on the jurisdiction, and any other relevant financial information.

4) Reimbursement will be limited to $25,000 per single response. Governments may not be reimbursed for all costs incurred.

5) Some rules for applicants:

a) Petroleum is excluded.

b) Federal contact is required within 24 hours, either EPA or NRC.

c) Title III participation is required.

d) Applications must be received by EPA within one year.

e) Cost recovery from responsible parties, local insurance and the state must have been or are being pursued prior to applying for reimbursement.

f) Detailed costs must be included with supporting documentation.

g) Application must be signed by the local government's highest ranking official.

IV. Plan Maintenance

A. Annual Plan Exercise

The LEPC Exercise Planning committee (EPC) will oversee the implementation of plan testing procedures. All exercises will be developed and conducted in accordance with SERC rules and requirements. The committee must notify SERC of the intention to conduct an exercise a minimum of 30 days before the date of the exercise, if the exercise is to be reviewed for credit.

1. Developing and Conducting the Annual Exercise

a. In order to move exercises around the county, each fire department with-in the county is invited to host the annual SERC exercise. The EPC decides the site of the exercise based on location within the county and the last time the jurisdiction hosted an exercise. The goal is to involve different response organizations and facilities and try to build a county wide coordinated response capability.

b. The LEPC Exercise Design Team and will conduct and control the exercise. The lead exercise coordinator is the Emergency Management Director of the Ashland EMA.

c. The Exercise Design Team will:

- Choose the type and scale of the exercise.
- Choose which objectives are to be exercised.
- Identify which chemicals (EHS or HM) will be involved, released, spilled and from what type of container.
- Develop a realistic scenario involving a facility subject to the plan or a transporter of hazardous materials.

2. Exercise Schedule

a. An exercise will be conducted annually.

b. There will be a four-year exercise cycle. The exercise year is defined as July 1 to June 30 to coincide with the State Fiscal Year.

c. A minimum of one full-scale exercise will be conducted within the four-year exercise schedule.

d. All objectives will be tested a minimum of one time during the four-year exercise cycle.

3. EHS Facility or Hazardous Material Transporter Role

In addition to local response and medical personnel the EPC will involve in each exercise either an EHS Fixed Facility that is subject to the plan or a transporter of hazardous materials. The team will provide information on the exercise, to include date, time and location, and their involvement in the exercise.

Facilities will be encouraged to participate in the process as a benefit to their operations and at the same time boost their image.

4. Types of Exercises

The following types of exercises will be used, with each demonstrating a specific number of OHM-EEM objectives.

a. Table Top Exercise

A Table Top Exercise is used to exercise selected portions of the plan without using field or functional demonstrations. These exercises permit department or agency representatives to describe and act out the various actions they would deploy during an actual incident. The Table Top exercise shall demonstrate three or more objectives with at least one being a core objective.

b. Functional Exercises

A Functional Exercise involves testing or evaluating the capability of individual or multiple functions or activities, i.e., actual operation of the EOC, an Incident Command Post, a Media Center and the deployment of equipment to demonstrate activities of the personnel involved, etc. The Functional Exercise shall demonstrate four or more objectives with at least two being core objectives.

c. Full Scale Exercises

A Full-Scale Exercise uses equipment and procedures in which emergency management and response organizations perform the actions they would take during the emergency caused by the release of oil or a hazardous substance. An EOC, identified in the Plan, is activated for a period of time sufficient to evaluate all identified objectives. A full-scale exercise shall demonstrate eight or more objectives with at least five being core

objectives.

5. Exercise Evaluation and Critique

a. Evaluation

1) It is the responsibility of the Exercise Design Committee to select its own Evaluators. Evaluators must be knowledgeable in the area they are being asked to evaluate. The Evaluators must be identified on the 30-day notice.

2) It is preferable that an Evaluator evaluates only one objective. However, an Evaluator may evaluate two or three objectives if they are demonstrated at the same location, and the Evaluator is trained and capable of evaluating the assigned objectives.

3) Each objective has a number of 'Points of Review', which are collectively used to evaluate the demonstration of the specific objectives during the exercise.

4) The Evaluators' comments and observations are the basis of the Facilitator's report.

5) The Facilitator will serve as the official representative of SERC. SERC has identified OEMA to provide Facilitators for the exercises.

6) The Facilitator will collect the exercise information and evaluation documents from the Evaluators immediately following the exercise and use this information to write the official report and make the appropriate recommendation to the SERC for Concurrence or Non-Concurrence.

b. Critique

1) If the exercise is a Full-Scale Exercise, the scheduling of the Public Critique is the responsibility of LEPC and must be coordinated with the Facilitator.

2) Evaluators will participate in the Critique and critique the objectives they were asked to evaluate. Their critique should address:

- The portions of the exercise and the objective they were

assigned to evaluate.
- What actions were done well and address those areas, which need further attention and/or training and make recommendations.
- Questions from the participants.

3) The LEPC should host a formal public meeting with the SERC Facilitator, supported by the Evaluators, conducting an open forum critique and discussion with all of the players and public on the exercise. This meeting could be held at a regularly scheduled LEPC meeting or at a special public meeting.

6. Plan Changes

a. Upon completion of an exercise, the LEPC needs to assess the results of the exercise to identify, plan and, resource strengths and weaknesses and assess the adequacy of the training programs and the need for additional training.

b. The LEPC should take action to correct items on the Points of Review and/or objectives found not adequately demonstrated. The report of action taken should be forwarded the designated Ohio EMA Field Liaison within 120 days. The Planner will review the report and comments and forward it to SERC.

7. Exercise Credit for Actual Incidents

a. In accordance with exercise rules, an actual response to an oil or hazardous substance can qualify as an annual exercise. If an actual incident is to be used, requirements established for each exercise type should be followed.

b. LEPC must submit to OEMA the Exercise Notice, along with a written summary of the incident, in lieu of an exercise scenario, within 30 days following the actual date of the release and indicate what type of exercise and which objectives the LEPC wants to claim for exercise credit.

c. The County's designated OEMA Hazardous Materials Planner will then arrange to meet and interview the LEPC, EMA, and Response officials to review message logs, newspaper articles and other materials from the incident and discuss response to the incident to determine what credit can be granted.

d. The OEMA SERC Representative will write the exercise report and forward it to SERC for their actions.

8. Reasons to Exercise

a. Exercising is one of the best means for:

- Assessing emergency plans and procedures.
- Determining the readiness of emergency responders.
- Identifying training needs.
- Resolving questions of coordination.
- Clarifying roles and responsibilities.

b. Exercising promotes awareness of potential hazards within the County.

c. An exercise can be a powerful stimulus for building interest in developing the comprehensive local emergency plan.

d. Exercising is part of the continual planning process; hazard analysis, planning, training, and exercising. Each function is dependent upon the other and should not be viewed in isolation.

B. Plan Review and Update

1. Individual Plan Holder's Responsibilities

The individual plan holder, (especially those with a role in the plan), is responsible for reviewing the plan and making sure it corresponds with their plans and SOG's. Each plan holder will actively participate in the review and submit changes to the LEPC annually.

Plan holders can use the plan review process as a training tool to familiarize personnel with the use and applicability of the plan.

2. The LEPC's Role in Plan Revision

a. The LEPC will insure the plan meets the requirements of ORC 3750, Rules as adopted, and NRT-1.

The committee will review and complete the Ohio Hazardous Materials Plan Development and Evaluation document to ensure they have addressed all the plan requirements.

b. The Ashland County EMA/Office of Homeland Security Director will serve as chair of the LEPC Planning Committee and will be responsible for hazardous material response planning.

c. A majority of LEPC members must review the plan and concur with its contents.

3. Plan Distribution

A plan distribution list is TAB H.

4. Updating the Plan

a. Updates are completed by critiquing actual incidents, evaluating simulated exercises, conducting department and individual personnel training, reviewing changing procedures and collected data.

b. Members of the Planning Committee will meet periodically to review the plan using the Guidance Document.

c. The Hazardous Material Annex will be reviewed by the State Emergency Response Commission. Recommendations will be incorporated into the next update.

5. Documenting Changes

a. The plan and/or updates will be distributed to all holders of the countywide Emergency Operations Plan.

b. The plan will include a "Record of Amendments and Changes" sheet in the front section to help users stay abreast of all plan modifications.

c. Changes will be consecutively numbered for ease of tracking.

6. Facilities Role in Plan Review

Facilities should use the plan review as a training tool to familiarize personnel with the plan and how it is coordinated with their plan. Any deficiencies found should be submitted to LEPC for review and appropriate plan changes.

7. Cross Reference Use

The Hazardous Materials Plan Development and Evaluation document should be used to write a new plan, update an old plan, make corrections

to an existing plan, or help educate plan holders on the plan's contents.

a. The Planning process should begin with the review of the thirteen planning requirements identified in ORC 3750.04(A), and determine which requirements need to be addressed by the community. Next, prioritize which planning requirements are to be developed and in what order. Review the Guidance Document to find the related references to the requirements that are to be developed.

b. The *shall* blocks of information should be reviewed and compared to information gathered. As information is developed and completed it should be ensured that each *shall b*ullet is addressed. This should continue until the entire plan is completed and each block is checked off.

c. Once the plan is completed, the planning team should return to the beginning of the Guidance Document and identify where each block of information can be found in the plan.

8. Plan Availability to the Public

The plan will be printed and distributed according to the Plan Distribution List, Attachment TAB H.

9. Submitting the Plan to SERC

When submitting the plan for Annual Review, the LEPC must submit the following:

a. A letter explaining that the information enclosed, the plan, or plan updates, are being submitted for purpose of the Annual Review.

b. A copy of the LEPC's resolution or other documentation signed by the Chairperson, indicating that a majority of members have read the plan and/or updates and agrees with the material.

c. The entire plan must be submitted for review when the plan has been completely rewritten. If the plan is an Annex of Appendix to the County EOP, a copy of the EOP must be submitted if it was also rewritten.

d. If the plan has been previously reviewed, only the changes need to be submitted for annual review.

e. The plan must be submitted to SERC for Annual Review by October 17th of each year.

V. Authorities and References

A. Legal Authorities

The following is a list of applicable Federal, State, and Local laws that apply to the development of this plan.

1. Federal

- Superfund Amendments and Reauthorization Act of 1986 Title III, Sections 301- 330
- National Oil and Hazardous Materials Contingency Plan, 40CFR Part 300
- Title 49, Code of Federal Regulations, Parts 100-199
- Occupational Safety and Health Administration Regulation 1910.120 Fire Safety Guidelines
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Resource Conservation and Recovery Act
- Disaster Relief Act of 1974, Public Law 93-288
- Robert P. Stafford Disaster Relief and Emergency Assistance Act of 1988
- Civil Defense Act of 1950
- Presidential Directive #26 of 1982
- Federal Emergency Management Agency Rules, 44CFR Part 302
- Toxic Substances Control Act
- Clean Water Act/Federal Water Pollution Control Act, PL95-2FI
- Clean Air Act
- Hazardous Materials Transportation Act, PL93-633

- Federal Hazardous Substances Act, PL97-414
- Solid Waste Disposal Act
- National Defense Plan

2. State

- Ohio Revised Code 5502 Emergency Management
- Ohio Revised Code 3750 (Superfund Amendments & Reauthorization Act)
- Ohio Revised Code 4950 (Hazardous Materials Transportation in Ohio)
- Ohio Revised Code Sections governing individual State Agencies (ORC Titles 1,9,15,33,37,39,41,43,45,49,51,53,55,61)
- Ohio Revised Memorandum of Understanding for Response to Hazardous Materials Incidents, June 1988
- Governor's Executive Order dated June 16, 1978
- Memorandum of Understanding between Ohio and the ARC
- Memorandum of Understanding's between State Agencies (on file at Ohio EMA and the Individual State Agency Offices
- ORC 2305.232 Good Samaritan Act
- The Ohio Administrative Code
- Military Support to Civil Authorities Plan
- Interstate Civil Disaster Compact

3. Local

- Ashland County Commissioner's Resolution Number 321-87
- Mutual Aid Agreement with Richland County for the Regional HazMat

Team Developed in 2008.

B. References

The following is a list of some of the many general planning references and technical references that are available.

1. General Planning References

- Hazardous Materials Emergency Planning Guide (NRT-1) National Response Team, March 1987
- Hazardous Materials Plan Development Document State of Ohio, 1995
- Hazardous Materials for First Responders International Fire Service Training Association, 1988
- Hazardous Materials Transportation: A Legislator's Guide National Conference of State Legislatures, 1984
- Technical Guidance for Hazardous Analysis US EPA

2. Technical Planning References

- North American Emergency Response Guidebook DOT, 2008
- NIOSH Pocket Guide to Chemical Hazards DHHS No 85-114, 1995
- Fire Protection Guide to Hazardous Materials NFPA

3. Computer Software Modeling

- CAMEO for Windows
- ALOHA for Windows
- Tier II Submit Software for Windows

4. Location of References

- Ashland County Emergency Management Agency

- LEPC (Local Emergency Planning Committee)

VI. Authentication

Promulgation Document

A hazardous material incident response consists of many interrelated elements. All local government departments private support agencies, and the individual citizen could and would be involved.

A hazardous material response in many instances merely requires an extension of daily activities. There is however an escalation of human need during a major incident. This annex is based on the expertise acquired routinely each day and training procedures that enhance agency response during an unusual occurrence.

Many lives can be lost in the confusion and disorganization that accompanies the lack of a pull planning effort. Therefore, an integrated approach to hazardous material response is required.

Planning must be a cooperative effort to avert or minimize the effects of a hazardous material incident. Two primary planning goals are to protect lives and property and to restore the stricken area to pre-incident status with minimal social and economic disruption.

This annex is a statement of policy about emergency response and assigns tasks and responsibilities to response agencies, specifying roles during a hazardous material situation. The document was developed pursuant to the Superfund Amendment and Reauthorization Act, 1986; Ohio Revised Code, sections 3750 and 5502; and the 1988 Ashland County Emergency Management Agency's County-Wide Agreement.

_____	_____
Chairman, Local Emergency Planning Committee	Date
_____	_____
_____	_____
_____	_____
President, Ashland County Commissioners	Date

TAB - A: Facility Data – Hazard Analysis Summaries

1. General Information

Included in **TAB A1 section,** you will find the most updated information pertaining to each EHS facility within the county. Information on these facilities will include:

- Facility Name
- Facility Address
- Emergency Coordinator
- EHS Inventory CAS # Chemical
- Chemical Properties
- Consequences of Exposure
- Adjoining facility that may be at risk or adds risk due to its proximity to an EHS facility within the County.
- Transportation routes used to transport EHS to and from the Facility.
- Geographic Area and Environment Most Likely to be Affected
- Facility Map

Should a release ever occur at one of these facilities, sheltering in place will most likely be the protection measure utilized over an evacuation due to the toxicity of the substance and the limited time available to evacuate.

Many factors play a part in determining what areas will be affected by a release at one of these facilities, the most common factors include:

- Wind Direction
- Wind Speed
- Current temperature
- Atmospheric conditions

Weather conditions play a big role in how an area will be affected by an EHS release. Since these conditions can change with little or no notice, we will be utilizing CAMEO and Marplot computer software to map out what areas will be affected and what protective action measures need to be utilized within the affected area.

>>>>>>>>>> 21 OF THE 24 FACILITIES IN THIS REPORT HAVE BEEN VALIDATED FOR SUBMISSION <<<<<<<<<<
>>>>>>>>>> THE 3 OTHER FACILITIES HAVE NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Facility: AT&T Orange street

FACILITY NAME AND LOCATION:
AT&T Orange street
Dept:
540 Orange Street
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.872277
Longitude: -82.315984
MAILING ADDRESS: 311 S. Akard Street, Floor 12
Dallas, Texas 75202 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 006980800
NAICS: 517111 (Wired Telecommunications Carriers)

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

AT&T Corp,
Title:
Contact Type(s): Owner / Operator
Address: 311 S.Akard Street, Floor 12, Dallas, TEXAS 75202 USA
Phones: 24-hour: 800-566-9347
Email: g43573@att.com

EH&S, Hotline
Title: alternate contact
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address:
Phones: 24-hour: 800-566-9347 Emergency: 800-566-9347

Facility: AT&T Orange street (continued)

Email: g43573@att.com

King, Dennis
Title: Property Manager
Contact Type(s): Emergency Contact
Address: 50 Bowery St., Akron, OHIO 44308 USA
Phones: 24-hour: 330-212-3320 Emergency: 330-384-3403
Email: dk848m@att.com

McGrue, Jeremy
Title: National EPCRA Manager
Contact Type(s): Tier II Information Contact
Address:
Phones: 24-hour: 800-566-9347 Work: 469-295-2319
Email: jeremy.mcgrue@att.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: LEAD
CAS #: 7439-92-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: N/A

Facility: AT&T Orange street (continued)

Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 9,965 pounds

Location Description: with engine N/A
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 131 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Chemical Name: SULFURIC ACID
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: N/A
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,184 pounds

Location Description: with engine N/A
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12 pounds

Facility: AT&T Orange street (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 1 through 4, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature — Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: AT&T twp rd 1904

FACILITY NAME AND LOCATION:
AT&T twp rd 1904
Dept:
850 Twp. Rd. 1904
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.784327
Longitude: -82.292147
MAILING ADDRESS: 311 S. Akard Street, Floor 12
Dallas, Texas 75202 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 006980800
NAICS: 517111 (Wired Telecommunications Carriers)

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

AT&T Corp,
Title:
Contact Type(s): Owner / Operator
Address: 311 S.Akard Street, Floor 12, Dallas, TEXAS 75202 USA
Phones: 24-hour: 800-566-9347
Email: g43573@att.com

EH&S, Hotline
Title: alternate contact
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address:
Phones: 24-hour: 800-566-9347 Emergency: 800-566-9347
Email: g43573@att.com

Facility: AT&T twp rd 1904 (continued)

King, Dennis
Title: Property Manager
Contact Type(s): Emergency Contact
Address: 50 Bowery St., Akron, OHIO 44308 USA
Phones: 24-hour: 330-212-3320 Emergency: 330-384-3403
Email: dk848m@att.com

McGrue, Jeremy
Title: National EPCRA Manager
Contact Type(s): Tier II Information Contact
Address:
Phones: 24-hour: 800-566-9347 Work: 469-295-2319
Email: jeremy.mcgrue@att.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: SULFURIC ACID
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: N/A
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 592 pounds

Facility: AT&T twp rd 1904 (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 5 through 7, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature — Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: AT&T ZTO

FACILITY NAME AND LOCATION:
AT&T ZTO
Dept:
853 Faultless Drive_DUP
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.886593
Longitude: -82.327813
MAILING ADDRESS: 311 S. Akard Street, Floor 12
Dallas, Texas 75202 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 102026754
NAICS: 517111 (Wired Telecommunications Carriers)

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

EH&S, Hotline
Title: alternate contact
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address:
Phones: 24-hour: 800-566-9347 Emergency: 800-566-9347
Email: g43573@att.com

McGrue, Jeremy
Title: National EPCRA Manager
Contact Type(s): Tier II Information Contact
Address:
Phones: 24-hour: 800-566-9347 Work: 469-295-2319
Email: jeremy.mcgrue@att.com

Facility: AT&T ZTO (continued)

New Cingular Wireless PCS, LLC,
Title:
Contact Type(s): Owner / Operator
Address: 311 S. Akard St., Floor 12, Dallas, TEXAS 75202 USA
Phones: 24-hour: 800-566-9347
Email: g43573@att.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: SULFURIC ACID
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: N/A
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 511 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

Facility: AT&T ZTO (continued)

- [x] I have attached a site plan
- [ ] I have attached a list of site coordinate abbreviations
- [ ] I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 8 through 10, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature — Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Atlas Bolt & Screw Co. LLC

FACILITY NAME AND LOCATION:
Atlas Bolt & Screw Co. LLC
Dept:
1628 Troy Road
Ashland, Ohio 44805 USA
County: Ashland
Fire District:
Latitude: 40.884532
Longitude: -82.317945
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 62-308-6915
NAICS: 332722 (Bolt, Nut, Screw, Rivet, and Washer Manufacturing)
TRI: 44805TLSBL1628T

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 100

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Atlas Bolt & Screw Co. LLC,
Title:
Contact Type(s): Owner / Operator
Address: 1628 Troy Road, Ashland, OHIO 44805 USA
Phones: Work: 419-289-6171
Email: cslone@atlasfasteners.com

Burk, Andrew
Title: Industrial Automation Technician
Contact Type(s): Emergency Contact, Tier II Information Contact, Fac. Emergency Coordinator
Address: 1628 Troy Road, Ashland, OHIO 44805 USA
Phones: Work: 419-289-6171 24-hour: 419-689-0761 Mobile - Cell: 419-689-0761
Email: aburk@atlasfasteners.com

Facility: Atlas Bolt & Screw Co. LLC (continued)

Marmon Engineered Components,
Title:
Contact Type(s): Parent Company
Parent company Dun & Bradstreet number: 94-525-6138
Address: 181 W. Madison, 26th Floor, Chicago, ILLINOIS 60602-4510 USA
Phones:
Email:

Miller, Kurt
Title: VP of Operations
Contact Type(s): Submitter
Address: 1628 Troy Road, Ashland, OHIO 44805 USA
Phones: Work: 419-289-6171
Email: kmiller@atlasfasteners.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: PST Brand Starter 201
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 2,860 pounds Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: 800 pounds Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container: 2,860 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01

Facility: Atlas Bolt & Screw Co. LLC (continued)

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: Sulfuric Acid CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 51 (by volume)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: PST Brand Starter S 220
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 470 pounds Maximum Amount code: 02 (100-499 pounds)
Average Daily Amount: 250 pounds Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A01
Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Facility: Atlas Bolt & Screw Co. LLC (continued)

Name: Hydrochloric Acid CAS #: 7647-01-0 ☐ EHS
Max Amt Code: Component Percentage: 30 (by volume)

Name: Sulfuric Acid CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 02 (100-499 pounds) Component Percentage: 50 (by volume)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: $450.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☑ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 11 through 14, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

02/15/2023
Date signed

Kurt Miller, VP of Operations
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Barbasol,LLC

FACILITY NAME AND LOCATION:
Barbasol,LLC
Dept:
2011 Ford Dr.
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.8877572
Longitude: -82.3388814
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 02-123-3301
NAICS: 325620 (Toilet Preparation Manufacturing)
RMP: 1000002128

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 70

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Detterman, cory
Title: Plant Manager
Contact Type(s): Emergency Contact
Address:
Phones: Work: 419-903-0738 24-hour: 419-706-3883
Email: cdetterman@barbasol.com

Stine, Brent
Title: President
Contact Type(s): Owner / Operator, Fac. Emergency Coordinator, Emergency Contact
Address: 2011 Ford Dr., Ashland, OHIO 44805 USA
Phones: Work: 419-903-0738 24-hour: 419-512-1258
Email: bstine@barbasol.com

Facility: Barbasol,LLC (continued)

Totman, Corina
Title: EHS Specialisst
Contact Type(s): Tier II Information Contact
Address:
Phones: Work: 419-903-0739
Email: ctotman@barbasol.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: A-46
CAS #: 68476-86-8
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☑ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: T01
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: T01
Container Type: Rail car Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Facility: Barbasol,LLC (continued)

Fee classification for this reported substance:

Mixture or Product Name: Calfoam SLS-30
CAS #: 68585-47-7
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-Main, Room 101
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B-Main, Room 102 (C05)
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Chemical Name: Nitrogen
CAS #: 7727-37-9

Facility: Barbasol,LLC (continued)

Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☑ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Outside B-Main (T03)
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Cryogenic conditions
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: P4MX 24-33
CAS #: 68551-12-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation

Facility: Barbasol,LLC (continued)

- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-Main, Room 101
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B-Main, Room 102 (A06)
Container Type: Steel drum Pressure: Greater than ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Stearic Acid
CAS #: 57-11-4
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard

Facility: Barbasol,LLC (continued)

☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust
☐ Simple asphyxiant
☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-Main, Room 101
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B-Main, Room 102
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Sulfuric Acid
CAS #: 7664-93-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☑ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: Barbasol,LLC (continued)

☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-ASSY, ubiquitous
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B-Main, ubiquitous
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Triethanolamine 99
CAS #: 102-71-6
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

Facility: Barbasol,LLC (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-Main, Room 101
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B-Main, Room 102 (c04)
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 15 through 22, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

02/09/2023
Date signed

on document
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Bookmasters Inc

FACILITY NAME AND LOCATION:
Bookmasters Inc
Dept:
30 Amberwood Parkway
Ashland, Ohio 44805 USA
Emergency 24-Hour Phone Number: 419-651-9017
County: Ashland
Fire District: Ashland City
Latitude: 40.863315
Longitude: -82.276558
MAILING ADDRESS:

☑ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: N/A
NAICS: 323117 (Books Printing)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 441

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Gospoderek, Bob
Title: VP of Manufacturing Operations
Contact Type(s): Owner / Operator, Fire Department, Emergency Contact
Address: 30 Amberwood Parkway, Ashland, OHIO 44805 USA
Phones: 24-hour: 5672241972 Work: 4192815100
Email: bgospoderek@bookmasters.com

Lamb, Jennifer
Title: HR Partner
Contact Type(s): Emergency Contact, Tier II Information Contact, Fac. Emergency Coordinator
Address: 30 Amberwood Parkway, Ashland, OHIO 44287 USA
Phones: 24-hour: 513-376-0304 Work: 419-281-5100
Email: jlamb@btpubservices.com

Facility: Bookmasters Inc (continued)

Mathias, Kirby
Title: Plant Manager
Contact Type(s): Fire Department, Emergency Contact
Address: 30 Amberwood Parkway, Ashland, OHIO 44805 USA
Phones: 24-hour: 4199083962 Work: 4192815100 x 1215
Email: kmathias@btpubservices.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: LEAD
CAS #: 7439-92-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☑ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 48,360 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 48,360 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Warehouse
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 48,360 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Facility: Bookmasters Inc (continued)

Mixture or Product Name: SULFURIC ACID

CAS #: 7664-93-9

Chemical Category: ☐ Pure ☑ Mixture

EHS: ☑ Yes ☐ No

Physical State: ☐ Solid ☑ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☑ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 20,800 pounds Maximum Amount code: 06 (10,000-24,999 pounds)

Average Daily Amount: 20,800 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)

Max amount in largest container:

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Warehouse

Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 20,800 pounds

MIXTURE COMPONENTS:

Name: BATTERY ACID CAS #: 7664-93-9 ☑ EHS

Max Amt Code: 06 (10,000-24,999 pounds) Component Percentage: 30 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

State/local fees: $320.00

☑ I have attached a site plan

☐ I have attached a list of site coordinate abbreviations

☐ I have attached a description of dikes and other safeguard measures

Facility: Bookmasters Inc (continued)

FACILITY NOTES:
Annual Filing for Fork Truck Batteries

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 23 through 26, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/20/2023

Signature Date signed

Bob Gospodarek, VP of Operations
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Bostik, Inc.

FACILITY NAME AND LOCATION:
Bostik, Inc.
Dept:
1745 Cottage Street
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland City Fire Department
Latitude: 40.882744
Longitude: -82.322835
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 002290773 (Arkema Inc)
NAICS: 325520 (Adhesive Manufacturing)
EIN: 39-0279330 (Bostik, Inc.)
SIC: 2891 (ADHESIVES AND SEALANTS)
TRI: 44805SHLND1745C

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 40

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☑ Facility Name has changed
Previous facility name (if known): Ashland LLC
☑ Owner / Operator has changed
Previous parent company/owner (if known): Ashland
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Heldenbrand, Scott
Title: HES Manager
Contact Type(s): Fac. Emergency Coordinator, Emergency Contact
Address: 1745 Cottage Street, Ashland, OHIO 44805 USA
Phones: Work: 614-232-8557 24-hour: 419-606-1824 Work: 419-281-4616
Email: scott.heldenbrand@bostik.com

Sheets, Barry
Title: Plant Manager
Contact Type(s): Emergency Contact, Owner / Operator, Submitter, Billing
Address: 1745 Cottage Street, Ashland, OHIO 44805 USA

Facility: Bostik, Inc. (continued)

Phones: Work: 419-281-4617 24-hour: 813-763-6248
Email: barry.sheets@bostik.com

Wright, Trisha
Title: EHS Specialist
Contact Type(s): Tier II Information Contact
Address: 802 Harmon Avenue, Columbus, OHIO 43223 USA
Phones: Work: 614-232-8565
Email: trisha.wright@bostik.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: 1,2-cyclohhexanedicarboxylic acid, mono[2-[(1-oxo-2-propenyl)oxy]ethyl] ester
CAS #: 57043-35-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 98,242 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 67,206 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 1,008 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Fiber drum, tote bin, plastic pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

Facility: Bostik, Inc. (continued)

Chemical Name: 1,8-diaminonaphthalene
CAS #: 479-27-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 18,574 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 13,090 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Fiber drum, steel drum, tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum and/or tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: 1-isocyanto-2-((4-isocyanto-phenyl)methyl)-benzene
CAS #: 5873-54-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No

Facility: Bostik, Inc. (continued)

Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 18,174 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 14,268 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 4,912 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T107
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 4,912 pounds

Location Description: B01
Container Type: Steel drum, steel pail, tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum, steel pail, tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: 2-hydroxy-2-methylpropiophenone
CAS #: 7473-98-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year

Facility: Bostik, Inc. (continued)

☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 32,237 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 23,118 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 2,204 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: 2-phenoxyethyl acrylate
CAS #: 48145-04-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity

Facility: Bostik, Inc. (continued)

☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 22,751 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 18,305 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 480 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: 4,4'-diphenylmethane diisocyanate
CAS #: 101-68-8
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 388,496 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Facility: Bostik, Inc. (continued)

Average Daily Amount: 301,805 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T106
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 69,948 pounds

Location Description: A06-T107
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 44,209 pounds

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01 (Warm Room)
Container Type: Steel drum and/or tote bin Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Can Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1 gallons

Location Description: B03
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: 4,4'-methylenebis(cyclohexyl isocyanate)
CAS #: 5124-30-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity

Facility: Bostik, Inc. (continued)

- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 16,666 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,934 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 460 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Acetone
CAS #: 67-64-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 403,340 pounds Maximum Amount code: 10 (100,000-499,999 pounds)

Facility: Bostik, Inc. (continued)

Average Daily Amount: 299,222 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 112,489 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A08-T114
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 112,489 pounds

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Glass jug & plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10 gallons

Location Description: B03
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Alkyl akoxylate
CAS #: 61827-42-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

Facility: Bostik, Inc. (continued)

☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 20,144 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 18,646 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 2,295 pounds
Days on site: 226

STORAGE LOCATIONS:
☐ Confidential

Location Description: B03
Container Type: Tote bin, pail, and/or bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 19,800 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Argon, refrigerated liquid
CAS #: 7440-37-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☑ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 32,364 pounds Maximum Amount code: 07 (25,000-49,999 pounds)

Facility: Bostik, Inc. (continued)

Average Daily Amount: 16,082 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 32,364 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T94
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Cryogenic conditions
Amount: 32,364 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Bentonite (Bentone 27)
CAS #: 71011-26-2
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 14,643 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 8,898 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 55 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Facility: Bostik, Inc. (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Benzophenone
CAS #: 119-61-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 49,682 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 37,558 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 50 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05
Container Type: Drum, pail, and/or bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Facility: Bostik, Inc. (continued)

Chemical Name: Bisphenol A epoxy diacrylate
CAS #: 55818-57-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 124,287 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 87,206 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Bisphenol A-epichlorohydrin polymer
CAS #: 1675-54-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)

Facility: Bostik, Inc. (continued)

- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 29,219 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 18,714 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 500 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Butanol normal
CAS #: 71-36-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity

Facility: Bostik, Inc. (continued)

- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 15,982 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,474 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 400 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03 (Cold Room)
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Cresol dicyclopentadiene isobutylene powder
CAS #: 68610-51-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Bostik, Inc. (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 10,508 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,417 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 55 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A07
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Cyclohexane (impurity of N-Hexane)
CAS #: 110-82-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

Facility: Bostik, Inc. (continued)

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 9,636 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 6,707 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

Chemical Name: Di(methylthhio)toluendiamine
CAS #: 106264-79-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 15,677 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,758 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Facility: Bostik, Inc. (continued)

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Dimethylformamide (DMF)
CAS #: 68-12-2
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 23,256 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,688 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 430 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

Facility: Bostik, Inc. (continued)

Chemical Name: Diphenylmethane diisocyanate homopolymer
CAS #: 25686-28-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 102,442 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 76,340 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T106
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 29,473 pounds

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01 (Warm Room)
Container Type: Tote bin Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Can Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1 gallons

Facility: Bostik, Inc. (continued)

Location Description: B03
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Dipropyleneglycol diacrylate
CAS #: 57472-68-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 77,033 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 63,847 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 2,150 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Ethanol

Facility: Bostik, Inc. (continued)

CAS #: 64-17-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 19,771 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,237 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 400 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Glass jug & plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10 gallons

Location Description: B03 (Cold Room)
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Ethoxylated nonyl phenol acrylate
CAS #: 678991-31-6
Chemical Category: ☑ Pure ☐ Mixture

Facility: Bostik, Inc. (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 27,358 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 20,089 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Ethoxylated trimethylolpropane triacrylate (TMPEOTA)
CAS #: 28961-43-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization

Facility: Bostik, Inc. (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 140,602 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 101,808 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 2,204 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Ethyl acetate
CAS #: 141-78-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

Facility: Bostik, Inc. (continued)

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 141,493 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 104,367 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 78,464 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T109
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 78,464 pounds

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5 gallons

Location Description: B03
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Ethyl benzene (impurity of Toluene & Xylene)
CAS #: 100-41-4
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Bostik, Inc. (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 89,996 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 62,260 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T103
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 122 pounds

Location Description: A06-T104
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,725 pounds

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Formaldehyde - Found in numerous raw materials at 1% or below
CAS #: 50-00-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Bostik, Inc. (continued)

☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 923 pounds Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: 707 pounds Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container: 400 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03 (Cold Room)
Container Type: Drum, pail, and/or can Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

Location Description: B05
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Chemical Name: Hexamethylene diisocyanate homopolymer (HDI Trimer)
CAS #: 28182-81-2
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)

Facility: Bostik, Inc. (continued)

☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Aspiration hazard
☐ Simple asphyxiant
☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 115,850 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 55,520 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 2,204 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B03
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Hexanediol diacrylate
CAS #: 13048-33-4
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 117,122 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 81,325 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)

Facility: Bostik, Inc. (continued)

Max amount in largest container: 2,204 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Hydrocarbon resin
CAS #: 71302-83-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 45,672 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 25,939 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 55 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A07
Container Type: Plastic pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Facility: Bostik, Inc. (continued)

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Plastic pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Isophorone diisocyanate
CAS #: 4098-71-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 432 pounds Maximum Amount code: 02 (100-499 pounds)
Average Daily Amount: 409 pounds Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container: 432 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

Facility: Bostik, Inc. (continued)

Chemical Name: Isopropanol
CAS #: 67-63-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 32,524 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 22,564 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 400 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01
Container Type: Can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03 (Cold Room)
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Facility: Bostik, Inc. (continued)

Chemical Name: Methanol
CAS #: 67-56-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 28,783 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 19,205 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01
Container Type: Steel drum and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Glass jug & plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10 gallons

Location Description: B03 (Cold Room)
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

Facility: Bostik, Inc. (continued)

Chemical Name: Methyl 2-benzoylbenzoate (Ebecryl P37)
CAS #: 606-28-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 11,176 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,935 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Methyl acetate
CAS #: 79-20-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

Facility: Bostik, Inc. (continued)

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 26,076 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 16,188 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Methyl ethyl ketone (MEK)
CAS #: 78-93-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization

Facility: Bostik, Inc. (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 225,762 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 170,312 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 70,524 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T102
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 70,524 pounds

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10 gallons

Location Description: B03 (Cold Room)
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Methyl-3-pentane
CAS #: 96-14-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation

Facility: Bostik, Inc. (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 9,631 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 6,275 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T101
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5,678 pounds

Location Description: A07
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

Chemical Name: Methylcyclopentane
CAS #: 96-37-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization

Facility: Bostik, Inc. (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 10,189 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,692 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T101
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5,678 pounds

Location Description: A07
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: N-Hexane
CAS #: 110-54-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation

Facility: Bostik, Inc. (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☑ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 124,657 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 86,491 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 54,507 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T101
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,507 pounds

Location Description: A07
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5 gallons

Location Description: B03
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Ortho cresol - Found in numerous raw materials at 3% or lower
CAS #: 95-48-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas

Facility: Bostik, Inc. (continued)

☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 1,371 pounds Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: 996 pounds Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03 (Cold Room)
Container Type: Steel drum Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Chemical Name: Phenol - Found in numerous raw materials at 17% or lower
CAS #: 108-95-2
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation

Facility: Bostik, Inc. (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 8,940 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 6,355 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03 (Cold Room)
Container Type: Steel drum Pressure: Ambient pressure Temperature: Less than ambient temp. / not cryog
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Chemical Name: Polymethylene polyphenyl isocyanate
CAS #: 9016-87-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization

Facility: Bostik, Inc. (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 194,810 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 153,351 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T107
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 58,945 pounds

Location Description: B01
Container Type: Tote bin and/or drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01 (Warm Room)
Container Type: Tote bin Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount:

Location Description: B03
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Polypropoxalated dibutyl pyrophosphoric acid
CAS #: 68310-51-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation

Facility: Bostik, Inc. (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 98,054 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 61,391 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 2,204 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Tote bin and/or drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B03
Container Type: Tote bin and/or drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Rosin, hydrogenated, glycerol ester (Staybelite Ester 10 Flake)
CAS #: 65997-13-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)

Facility: Bostik, Inc. (continued)

- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust
- ☐ Aspiration hazard
- ☐ Simple asphyxiant
- ☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,033 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,205 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Rosin, hydrogenated, pentaerythritol ester (Foral 105 Resin)
CAS #: 64365-17-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant
- ☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 64,423 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 27,732 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)

Facility: Bostik, Inc. (continued)

Max amount in largest container: 50 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Rosin, pentaerythritol ester (Sylvatac Re 100 Golden Batch)
CAS #: 8050-26-8
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 187,079 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 133,227 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 50 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Facility: Bostik, Inc. (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Rosin, polymer with phenol (SP 553)
CAS #: 68083-03-4
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☑ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 65,978 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 47,216 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 55 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Solvent naphtha (petroleum), light aliphatic

Facility: Bostik, Inc. (continued)

CAS #: 64742-89-8
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☑ Germ cell mutagenicity
☑ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 73,126 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 64,783 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 56,778 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T101
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 56,778 pounds

Location Description: A07
Container Type: Plastic pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5 gallons

Facility: Bostik, Inc. (continued)

Location Description: B03
Container Type: Plastic pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Styrene
CAS #: 100-42-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 64,201 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 42,433 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 42,299 pounds

Location Description: B01
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Can Pressure: Ambient pressure Temperature: Ambient temperature

Facility: Bostik, Inc. (continued)

Amount: 1 Quart

Location Description: B03
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Succinic acid monoacryloyloxyethyl ester
CAS #: 50940-49-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 290,230 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 210,357 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 2,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Facility: Bostik, Inc. (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Sulfuric acid
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 827 pounds Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: 782 pounds Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container: 50 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B01 (in mixtures at <1% concentration)
Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: Batteries - forklifts, tow-motor, golf carts, scissor lifts
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Chemical Name: Tert-butyl acetate

Facility: Bostik, Inc. (continued)

CAS #: 540-88-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 156,574 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 88,590 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 75,539 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A06-T105
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 75,539 pounds

Location Description: B03
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Toluene
CAS #: 108-88-3
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

Facility: Bostik, Inc. (continued)

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 472,230 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 355,269 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 122,850 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T103
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 122,850 pounds

Location Description: A07
Container Type: Steel pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10 gallons

Location Description: B03
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

Facility: Bostik, Inc. (continued)

Chemical Name: Triethanolamine
CAS #: 102-71-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 16,068 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,478 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 450 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05 (in finished or intermediate products)
Container Type: Steel drum and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05 - locked cage (100% Triethanolamine)
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Trimethybenzoyldiphenylphosphine oxide (TPO)
CAS #: 75980-60-8
Chemical Category: ☑ Pure ☐ Mixture

Facility: Bostik, Inc. (continued)

EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☑ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 10,501 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,790 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 44 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B05
Container Type: Tote bin, drum, pail, and/or can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Trimethylolpropane triacrylate (TMPTA)
CAS #: 15625-89-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

HEALTH HAZARDS:

Facility: Bostik, Inc. (continued)

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 468,727 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 352,092 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 2,500 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Tripropylene glycol diacrylate
CAS #: 42978-66-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Bostik, Inc. (continued)

☐ In contact with water emits flammable gas
☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 93,418 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 78,883 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 2,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: B05
Container Type: Tote bin, drum, and/or pail Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Xylene
CAS #: 1330-20-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 303,822 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 209,873 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 75,748 pounds
Days on site: 365

Facility: Bostik, Inc. (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: A02
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: A06-T104
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 75,748 pounds

Location Description: B01
Container Type: Can Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Location Description: B01-103 (QC Lab)
Container Type: Metal can &/or plastic squeeze bottle Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 5 gallons

Location Description: B03
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

State/local fees: $1,770.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 27 through 81, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/28/2023
Signature Date signed

Barry Sheets, Plant Manager
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Centerra Co-op

FACILITY NAME AND LOCATION:
Centerra Co-op
Dept: Loudonville
15670 St. Rt. 3
Loudonville, Ohio 44842 USA
Emergency 24-Hour Phone Number: 800-424-9300
County: Ashland
Fire District: Loudonville
Latitude: 40.640381
Longitude: -82.219818
MAILING ADDRESS: 813 Clark Ave.
Ashland, Ohio 44805 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 126545388
NAICS: 424910 (Farm Supplies Merchant Wholesalers)
RMP: 100000041885 (Risk Mgt. Plan for Anhydrous Ammonia)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 15

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

CHEMTREC, CHEMTREC
Title: HAZMAT CONTACT
Contact Type(s): Emergency Contact
Address:
Phones: 24-hour: 800-424-9300 Emergency: 800-424-9300
Email: chemtrec@chemtrec.com

Nowakowski, Jason
Title: Risk Coordinator
Contact Type(s): Tier II Information Contact, Regulatory Point of Contact, Fac. Emergency Coordinator
Address:
Phones: Mobile - Cell: 419-565-4283 24-hour: 800-424-9300

Facility: Centerra Co-op (continued)

Email: jnowakowski@tc-coop.com

Slarb, Dan
Title: Mgr
Contact Type(s): Owner / Operator, Emergency Contact
Address: 204 St. Rt. 58 N., Sullivan, OHIO 44880 USA
Phones: Work: 419-736-2276 24-hour: 800-424-9300 Mobile - Cell: 419-606-6703
Email: dslarb@tc-coop.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Abundit Edge
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 22,900 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 11,000 pounds
Days on site: 180

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,900 pounds

MIXTURE COMPONENTS:

Name: potassium salt of glyphosate CAS #: 70901-12-1 ☐ EHS
Max Amt Code: Component Percentage: 48.7 (by weight)

Facility: Centerra Co-op (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Ammonia
CAS #: 7664-41-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 309,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 154,500 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 154,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: T-1
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 30,000 gallons

Location Description: T-1-A
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 30,000 gallons

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Facility: Centerra Co-op (continued)

Mixture or Product Name: Bullzeye
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 11,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,000 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 8,000 pounds
Days on site: 180

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,000 pounds

MIXTURE COMPONENTS:

Name: potassium salt of glyphosate CAS #: 70901-12-1 ☐ EHS
Max Amt Code: Component Percentage: 48.7 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Diesel #2
CAS #: 68476-30-2
Chemical Category: ☑ Pure ☐ Mixture

Facility: Centerra Co-op (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 13,500 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 10,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 13,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Diesel Fuel tank
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,500 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Mixture or Product Name: Enlist Duo
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization

Facility: Centerra Co-op (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 33,360 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 15,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 20,000 pounds
Days on site: 180

STORAGE LOCATIONS:

☐ Confidential

Location Description: Chemical
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 33,360 pounds

MIXTURE COMPONENTS:

Name: 2,4-D choline salt CAS #: 1048373-72-3 ☐ EHS
Max Amt Code: Component Percentage: 24.4 (by weight)

Name: glyphosate DMA salt CAS #: 34494-04-7 ☐ EHS
Max Amt Code: Component Percentage: 22.1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Gasoline
CAS #: 8006-61-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity

Facility: Centerra Co-op (continued)

- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☑ Below Reporting Thresholds
Maximum Amount: 6,100 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 3,000 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 6,100 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Gasoline Tank
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 6,100 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

Mixture or Product Name: N-Serve
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Facility: Centerra Co-op (continued)

Maximum Amount: 81,200 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 16,500 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 81,200 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Outside Chemical Dike
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: 1,2,4 - Trimethylbenzene CAS #: 95-63-6 ☐ EHS
Max Amt Code: Component Percentage: 18.9 (by weight)

Name: 1,3,5 - Trimethylbenzene CAS #: 108-67-8 ☐ EHS
Max Amt Code: Component Percentage: 5 (by weight)

Name: Cumene CAS #: 98-82-8 ☐ EHS
Max Amt Code: Component Percentage: 2.5 (by weight)

Name: Nitrapyrin CAS #: 1929-82-4 ☐ EHS
Max Amt Code: Component Percentage: 22.2 (by weight)

Name: Solvent naptha CAS #: 64742-95-6 ☐ EHS
Max Amt Code: Component Percentage: 63 (by weight)

Name: Xylene CAS #: 1330-20-7 ☐ EHS
Max Amt Code: Component Percentage: 11.4 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Paraquat
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity

Facility: Centerra Co-op (continued)

- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 1,000 pounds Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: 350 pounds Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container: 20 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Bldg #3
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Resicore

CAS #:

Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Facility: Centerra Co-op (continued)

Maximum Amount: 20,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 10,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 5,000 pounds
Days on site: 180

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,000 pounds

MIXTURE COMPONENTS:

Name: acetochlor CAS #: 34256-82-1 ☐ EHS
Max Amt Code: Component Percentage: 31.6 (by weight)

Name: clopyralid monoethanolamine salt CAS #: 57754-85-5 ☐ EHS
Max Amt Code: Component Percentage: 2.73 (by weight)

Name: mesotrione CAS #: 104206-82-8 ☐ EHS
Max Amt Code: Component Percentage: 2.9 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

State/local fees: $170.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

FACILITY NOTES:
Anhydrous Ammonia and Paraquat are exempt due to use in routine agricultural operations, reporting for awareness and EHS required reporting.
Gasoline is reported voluntarily, below reporting threshold.

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 82 through 91, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

02/23/2023
Date signed

Samantha Howard/ DOT Safety Coordinator
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Centerra Co-op

FACILITY NAME AND LOCATION:
Centerra Co-op
Dept: Sullivan
204 St. Rt. 58 N.
Sullivan, Ohio 44880 USA
Emergency 24-Hour Phone Number: 800-424-9300
County: Ashland
Fire District:
Latitude: 41.0345
Longitude: -82.2222
MAILING ADDRESS: 813 Clark Ave.
Ashland, Ohio 44805 USA

☑ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 126545388
NAICS: 424910 (Farm Supplies Merchant Wholesalers)
RMP: 1000000166116 (Risk Mgt Plan for Anhydrous Ammonia)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 16

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

CHEMTREC, CHEMTREC
Title: HAZMAT CONTACT
Contact Type(s): Emergency Contact
Address:
Phones: 24-hour: 800-424-9300 Emergency: 800-424-9300
Email: chemtrec@chemtrec.com

Fire Department, Sullivan
Title:
Contact Type(s): Fire Department
Address: 500 US Hwy 224, Sullivan, OHIO 44880 USA
Phones: Emergency: 419-736-2255

Facility: Centerra Co-op (continued)

Email:

Nowakowski, Jason
Title: Risk Coordinator
Contact Type(s): Tier II Information Contact, Regulatory Point of Contact, Fac. Emergency Coordinator
Address:
Phones: Mobile - Cell: 419-565-4283 24-hour: 800-424-9300
Email: jnowakowski@tc-coop.com

Runion, John
Title: Manager
Contact Type(s): Owner / Operator
Address: 204 State Route 58, Sullivan, OHIO 44880 USA
Phones: Mobile - Cell: 440-225-5198
Email: jrunion@centerracoop.com

Slarb, Dan
Title: Mgr
Contact Type(s): Owner / Operator, Emergency Contact
Address: 204 St. Rt. 58 N., Sullivan, OHIO 44880 USA
Phones: Work: 419-736-2276 24-hour: 800-424-9300 Mobile - Cell: 419-606-6703
Email: dslarb@tc-coop.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Abundit Edge
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 20,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 10,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)

Facility: Centerra Co-op (continued)

Max amount in largest container:
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,000 pounds

MIXTURE COMPONENTS:

Name: Abundit Edge CAS #: ☐ EHS
Max Amt Code: Component Percentage: 48.7 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Acuron
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 24,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 250 pounds
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Facility: Centerra Co-op (continued)

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Less than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 24,000 pounds

MIXTURE COMPONENTS:

Name: Atrazine CAS #: 1912-24-9 ☐ EHS
Max Amt Code: Component Percentage: 10.93 (by weight)

Name: Bicyclopyrone CAS #: 352010-68-5 ☐ EHS
Max Amt Code: Component Percentage: 0.65 (by weight)

Name: Mesotrione CAS #: 104206-82-8 ☐ EHS
Max Amt Code: Component Percentage: 2.6 (by weight)

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS
Max Amt Code: Component Percentage: 23.4 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: ANHYDROUS AMMONIA
CAS #: 7664-41-7
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 247,200 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 154,500 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)

Facility: Centerra Co-op (continued)

Max amount in largest container: 154,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: T-1
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 18,000 gallons

Location Description: T-1A
Container Type: Above ground tank Pressure: Greater than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 154,500 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Cinch ATZ
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 24,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 24,000 pounds
Days on site: 365

STORAGE LOCATIONS:

Facility: Centerra Co-op (continued)

☐ Confidential

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: Atrazine CAS #: 1912-24-9 ☐ EHS
Max Amt Code: Component Percentage: 33 (by weight)

Name: Benoxacor CAS #: 98730-04-2 ☐ EHS
Max Amt Code: Component Percentage: 5 (by weight)

Name: Ethane-1,2-diol CAS #: 107-21-1 ☐ EHS
Max Amt Code: Component Percentage: 10 (by weight)

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS
Max Amt Code: Component Percentage: 26.1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Diesel
CAS #: 68476-34-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 14,200 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,100 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)

Facility: Centerra Co-op (continued)

Max amount in largest container: 7,100 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: T-2
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 6,660 pounds

Location Description: T-3
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 6,660 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Enlist One
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 41,800 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 20,900 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 1,000 pounds
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Facility: Centerra Co-op (continued)

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 41,800 pounds

Location Description: Chemical Building
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 41,800 pounds

Location Description: Chemical Building
Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 41,800 pounds

MIXTURE COMPONENTS:

Name: 2,4-D choline salt CAS #: 1048373-72-3 ☐ EHS
Max Amt Code: Component Percentage: 55.7 (by weight)

Name: dipropylene glycol monomethyl ether CAS #: 34590-94-8 ☐ EHS
Max Amt Code: Component Percentage: (by)

Name: glycerol CAS #: 56-81-5 ☐ EHS
Max Amt Code: Component Percentage: (by)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Glyphosate 53.8%
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: Centerra Co-op (continued)

☐ Below Reporting Thresholds
Maximum Amount: 70,000 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 20,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 70,000 pounds

MIXTURE COMPONENTS:

Name: glyphosate CAS #: ☐ EHS
Max Amt Code: Component Percentage: 53.8 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: GRAMOXONE INTEON
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 236 pounds Maximum Amount code: 02 (100-499 pounds)
Average Daily Amount: 100 pounds Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container: 20 pounds
Days on site: 365

Facility: Centerra Co-op (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: B-1
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 25 gallons

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Infantry
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 13,875 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,000 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 13,875 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Bldg
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,000 gallons

MIXTURE COMPONENTS:

Facility: Centerra Co-op (continued)

Name: Atrazine CAS #: 1912-24-9 ☐ EHS
Max Amt Code: Component Percentage: 42.6 (by volume)

Name: Ethylene Glycol CAS #: 107-21-1 ☐ EHS
Max Amt Code: Component Percentage: 10 (by volume)

Name: Other ingredients CAS #: ☐ EHS
Max Amt Code: Component Percentage: 47.4 (by volume)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Liberty 280SL Herbicide
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 24,000 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 24,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Facility: Centerra Co-op (continued)

Name: 1-Methoxy-2-propanol CAS #: 107-98-2 ☐ EHS
Max Amt Code: Component Percentage: 1 (by weight)

Name: Alkyl Polysaccharide CAS #: 68515-73-1 ☐ EHS
Max Amt Code: Component Percentage: 6.2 (by weight)

Name: Alkylethersulfate CAS #: 68891-38-3 ☐ EHS
Max Amt Code: Component Percentage: 22.1 (by weight)

Name: Glufosinate Ammonium CAS #: 77182-82-2 ☐ EHS
Max Amt Code: Component Percentage: 24.5 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Mixture or Product Name: Sequence Herbicide
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☑ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☑ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 25,500 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 12,750 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 25,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building

Facility: Centerra Co-op (continued)

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: Glyphosate CAS #: 39600-42-5 ☐ EHS
Max Amt Code: Component Percentage: 21.8 (by weight)

Name: S-Metolachlor CAS #: 87392-12-9 ☐ EHS
Max Amt Code: Component Percentage: 29 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Mixture or Product Name: Warden
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 200 pounds Maximum Amount code: 02 (100-499 pounds)
Average Daily Amount: 150 pounds Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container:
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Tote bin Pressure: Less than ambient pressure Temperature: Less than ambient temp. / not cryog
Amount: 200 pounds

Facility: Centerra Co-op (continued)

MIXTURE COMPONENTS:

Name: fludioxonil CAS #: ☐ EHS
Max Amt Code: Component Percentage: 1 (by weight)

Name: mefenoxam CAS #: ☐ EHS
Max Amt Code: Component Percentage: 5.99 (by weight)

Name: sedaxane CAS #: ☐ EHS
Max Amt Code: Component Percentage: 1 (by weight)

Name: thiamethoxam CAS #: ☐ EHS
Max Amt Code: Component Percentage: 20 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

State/local fees: $170.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

FACILITY NOTES:
All products (except for diesel) reported exempt due to use in routine agricultural operations, reporting for awareness and EHS required reporting.

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 92 through 105, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

02/02/2023
Date signed

Samantha Howard/ DOT Safety Coordinator
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Frontier Ashland Co

FACILITY NAME AND LOCATION:
Frontier Ashland Co
Dept:
315 Broad St..
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.866932
Longitude: -82.320719
MAILING ADDRESS: 2201 Avenue I
Plano, Texas 75074 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 6918296
NAICS: 517111 (Wired Telecommunications Carriers)
EIN: 590397520
SIC: 4813

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 1

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

George, Paul
Title: Facililty Supervisor
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address: 202 E. State Street, Saint Johns, MICHIGAN 48879 USA
Phones: Mobile - Cell: 231-286-2003 Work: 989-224-1527 24-hour: 800-590-6605
Email: paul.e.george@ftr.com

Weller, Jason
Title: Manager, Frontier EH&S
Contact Type(s): Owner / Operator, Emergency Contact, Tier II Information Contact
Address: 2201 AvenueI, Plano, TEXAS 75047 USA
Phones: 24-hour: 800-590-6605 Work: 972-424-1680

Facility: Frontier Ashland Co (continued)

Email: jason.weller@ftr.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Lead Acid Battery
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: floor
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 270 pounds

Location Description: Floor 1
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,542 pounds

Location Description: Floor 1
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 17,626 pounds

MIXTURE COMPONENTS:

Name: Sulfuric Acid CAS #: 7664-93-9 ☑ EHS

Facility: Frontier Ashland Co (continued)

Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 9.01 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 106 through 108, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Frontier Hayesville

FACILITY NAME AND LOCATION:
Frontier Hayesville
Dept:
7 S Mechanic St
Hayesville, Ohio 44838 USA
County: Ashland
Fire District: Hayesville
Latitude: 40.772807
Longitude: -82.261974
MAILING ADDRESS: 2201 Avenue I
Plano, Texas 75074 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 6918296
NAICS: 517111 (Wired Telecommunications Carriers)
EIN: 590397520
SIC: 4813

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

George, Paul
Title: Facililty Supervisor
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address: 202 E. State Street, Saint Johns, MICHIGAN 48879 USA
Phones: Mobile - Cell: 231-286-2003 Work: 989-224-1527 24-hour: 800-590-6605
Email: paul.e.george@ftr.com

Weller, Jason
Title: Manager, Frontier EH&S
Contact Type(s): Owner / Operator, Emergency Contact, Tier II Information Contact
Address: 2201 AvenueI, Plano, TEXAS 75047 USA
Phones: 24-hour: 800-590-6605 Work: 972-424-1680

Facility: Frontier Hayesville (continued)

Email: jason.weller@ftr.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Lead Acid Battery
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Floor 1
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,496 pounds

MIXTURE COMPONENTS:

Name: Sulfuric Acid CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: 6.76 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

Facility: Frontier Hayesville (continued)

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 109 through 111, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature — Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Frontier Loudonville

FACILITY NAME AND LOCATION:
Frontier Loudonville
Dept:
240 W. Main St.
Loudonville, Ohio 44842 USA
County: Ashland
Fire District: Loudonville
Latitude: 40.635809
Longitude: -82.235977
MAILING ADDRESS: 2201 Avenue I
Plano, Texas 75074 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 6918296
NAICS: 517111 (Wired Telecommunications Carriers)
EIN: 590397520

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

George, Paul
Title: Facililty Supervisor
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address: 202 E. State Street, Saint Johns, MICHIGAN 48879 USA
Phones: Mobile - Cell: 231-286-2003 Work: 989-224-1527 24-hour: 800-590-6605
Email: paul.e.george@ftr.com

Weller, Jason
Title: Manager, Frontier EH&S
Contact Type(s): Owner / Operator, Emergency Contact, Tier II Information Contact
Address: 2201 AvenueI, Plano, TEXAS 75047 USA
Phones: 24-hour: 800-590-6605 Work: 972-424-1680
Email: jason.weller@ftr.com

Facility: Frontier Loudonville (continued)

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Lead Acid Battery
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 415 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Floor 1
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 9,960 pounds

MIXTURE COMPONENTS:

Name: Sulfuric Acid CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 9.01 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☐ I have attached a site plan

Facility: Frontier Loudonville (continued)

☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 112 through 114, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/03/2023

Signature — Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: GOJO Industries Inc. Ashland Facility

FACILITY NAME AND LOCATION:
GOJO Industries Inc. Ashland Facility
Dept: Ashland Fire
1250 George Road
Ashland, Ohio 44805 USA
Emergency 24-Hour Phone Number: 4192896511
County: Ashland
Fire District: Ashland County
Latitude: 40.856027
Longitude: -82.28179
MAILING ADDRESS: P.O. Box 991
Akron, Ohio 44309 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: N/A
NAICS: 493110 (General Warehousing and Storage)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 60

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Berger, Brian
Title: 3rd Shift Supervisor
Contact Type(s): Fac. Emergency Coordinator
Address: 1250 George Road, Ashland, OHIO 44805 USA
Phones: 24-hour: 4195658949 Work: 3308691978
Email: bergerBF@gojo.com

Cummings, Kieffer
Title: 1st Shift Lead
Contact Type(s): Emergency Contact
Address: 1250 George Road, Ashland, OHIO 44805 USA
Phones: 24-hour: 3308691672 Work: 3308691231
Email: cummingk@gojo.com

Facility: GOJO Industries Inc. Ashland Facility (continued)

Hines, Chris
Title: 1st Shift Supervisor
Contact Type(s): Fac. Emergency Coordinator
Address: 1250 George Road, Ashland, OHIO 44805 USA
Phones: 24-hour: 3304000149 Work: 3308691681
Email: hinesc@gojo.com

Jones, Sean
Title: Director of Construction and Facilities Mid-American Management
Contact Type(s): Owner / Operator
Address: 3333 Richmond Road, Suite 350, Beachwood, OHIO 44122 USA
Phones: Mobile - Cell: 2162462341
Email: sjones@midamco.com

Kraker, Tyler
Title: 1st Shift Logistics Coordinator
Contact Type(s): Emergency Contact
Address: 1250 George Road, Ashland, OHIO 44805 USA
Phones: Work: 3308691670 24-hour: 3304666495
Email: plebank@gojo.com

Smith, Charles
Title: Environmental Tech
Contact Type(s): Tier II Information Contact
Address: 1147 Akron Road, Wooster, OHIO 44691 USA
Phones: 24-hour: 3309076281
Email: SmithCh@gojo.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: Lead
CAS #: 7439-92-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: GOJO Industries Inc. Ashland Facility (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 145,373 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 145,373 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 2,308 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Battery charging area and throughout facility
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 145,373 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Sulfuric
CAS #: 7664-93-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 78,278 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 78,278 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 1,243 pounds
Days on site: 365

STORAGE LOCATIONS:

Facility: GOJO Industries Inc. Ashland Facility (continued)

☐ Confidential

Location Description: Battery charging area and throughout facility
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 78,278 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

State/local fees: $320.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 115 through 118, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/20/2023
Signature Date signed

Carey Jaros, President and CEO
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: HOME CITY ICE COMPANY Ashland

FACILITY NAME AND LOCATION:
HOME CITY ICE COMPANY Ashland
Dept:
1030 VIRGINIA AVE
ASHLAND, Ohio 44805 USA
Emergency 24-Hour Phone Number: 419-289-6950
County: Ashland
Fire District:
Latitude: 40.877449
Longitude: -82.304138
MAILING ADDRESS: PO BOX 111116
CINCINNATI, Ohio 45211 USA

☑ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 00-426-1913
NAICS: 312113 (Ice Manufacturing)
RMP: N/A

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 20

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

BARWICK, Tyler
Title: MANAGER
Contact Type(s): Fac. Emergency Coordinator, Emergency Contact
Address: 1030 VIRGINIA AVE, ASHLAND, OHIO 44805 USA
Phones: 24-hour: 4199611316 Emergency: 4199611316
Email: TBARWICK@HOMECITYICE.COM

Deeter, Garfield
Title: Regional Manager
Contact Type(s): Emergency Contact
Address: 20282 Hannan Pkwy, Walton Hills, OHIO 44146 USA
Phones: 24-hour: 937-673-0082 Work: 5135983000

Email: gdeeter@homecityice.com

FIRE DEPARTMENT, ASHLAND
Title:
Contact Type(s): Fire Department
Address: 274 Cleveland Ave, ASHLAND, OHIO USA
Phones: Emergency: (419) 289-6575
Email:

GRAYBEAL, KEEGAN
Title: ASSISTANT MANAGER
Contact Type(s): Emergency Contact
Address: 1030 VIRGINIA AVE, ASHLAND, OHIO 44805 USA
Phones: 24-hour: 4196852515 Emergency: 4196852515
Email: ASTUART@HOMECITYICE.COM

HOME CITY ICE COMPANY, THE
Title:
Contact Type(s): Owner / Operator
Address: 6045 BRIDGETOWN RD, CINCINNATI, OHIO 45248 USA
Phones: Work: 513-598-3000
Email: RBORGMAN@HOMECITYICE.COM

Rusiska, George
Title: Zone Manager
Contact Type(s): Emergency Contact
Address: 1030 Virginia Ave, Ashland, OHIO 44805 USA
Phones: 24-hour: 937-673-0082 Work: 5135983000
Email: grusiska@homecityice.com

Sedler, Dan
Title: Operations
Contact Type(s): Tier II Information Contact, Submitter
Address: 6045 Bridgetown Rd, Cincinnati, OHIO 45248 USA
Phones: 24-hour: 5136935880 Work: 5135983441
Email: dsedler@homecityice.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: #2 UNDYED DIESEL
CAS #: 68476-34-6
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization

Facility: HOME CITY ICE COMPANY Ashland (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 11,100 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,215 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 11,100 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: 20 FROM BUILDING
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: ANHYROUS AMONIA
CAS #: 7664-41-7

Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☑ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

Facility: HOME CITY ICE COMPANY Ashland (continued)

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 5,500 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 5,500 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 5,500 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: INSIDE TURBO ROOM
Container Type: Tank inside building Pressure: Greater than ambient pressure Temperature: Greater than ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

State/local fees: $320.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 119 through 122, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 01/10/2023

Signature Date signed

Daniel Sedler

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Liquibox

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

FACILITY NAME AND LOCATION:

Liquibox
Dept:
1817 Masters Ave.
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.882631
Longitude: -82.327637
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:

Dun & Bradstreet: 00-194-2499
NAICS: 326199 (All Other Plastics Product Manufacturing)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 300

REGULATORY INFORMATION:

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:

☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

Fruth, David
Title: Regional EHS Manager
Contact Type(s): Fac. Emergency Coordinator, Tier II Information Contact
Address:
Phones: Work: 614-704-7397 24-hour: 614-704-7397
Email: dfruth@liquibox.com

Liquibox Corporation,
Title:
Contact Type(s): Owner / Operator
Address: 1817 Masters Ave, Ashland, OHIO 44805 USA
Phones: Work: 419-289-9696
Email:

Facility: Liquibox (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Rickel, Trish
Title: Plant Manager
Contact Type(s): Emergency Contact
Address:
Phones: Work: 419-289-2835 24-hour: 419-565-9147
Email: trickel@liquibox.com

Smith, Ken
Title: Global Didrector of Quality and EHS
Contact Type(s): Emergency Contact
Address:
Phones: Work: 804-533-8725 24-hour: 804-533-8425
Email: ksmith@liquibox.com

, Liquibox Corporation
Title:
Contact Type(s): Parent Company
Parent company Dun & Bradstreet number: 00-194-2499
Address: 901 E. Byrd St., Suite 1105, richmond, VIRGINIA 23219 USA
Phones: Work: 877-267-5949
Email:

CHEMICAL INVENTORY INFORMATION:

Chemical Name: Sulfuric Acid in Lead Acid Batteries
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☑ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 04 (1,000-4,999 pounds)

Facility: Liquibox (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: actively being used in forklifts throughout the facility
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 123 through 125, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ _____

Signature Date signed

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Loudonville Farmers Equity

FACILITY NAME AND LOCATION:
Loudonville Farmers Equity
Dept: Loudonville
514 West Main Street
Loudonville, Ohio 44842 USA
Emergency 24-Hour Phone Number: 419-354-0515
County: Ashland
Fire District:
Latitude: 40.635727
Longitude: -82.240356
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 018134650
NAICS: 424910 (Farm Supplies Merchant Wholesalers)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 25

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

ERS of OHIO, Environmental
Title: Clean up
Contact Type(s): Emergency Contact, Other
Address: 519 Ordway Ave, Bowling Green, OHIO 43402 USA
Phones: Emergency: 419-354-0515 24-hour: 419-354-0515
Email: jmancha@ersinc.net

Fire Dept., Loudonville
Title: Fire Dept
Contact Type(s): Fire Department, Other
Address: 200 North Market Street, Loudonville, OHIO 44842 USA
Phones: 24-hour: 419-994-3434
Email:

Facility: Loudonville Farmers Equity (continued)

Lowe, Greg
Title: Risk Coordinator
Contact Type(s): Regulatory Point of Contact, Submitter, Emergency Contact, Tier II Information Contact
Address: 106 Maple Lane, Green Springs, OHIO 44836 USA
Phones: 24-hour: 419-355-6463 Mobile - Cell: 419-355-6463
Email: glowe@roadrunner.com

Spreng, Jon
Title: Manager
Contact Type(s): Owner / Operator, Emergency Contact, Fac. Emergency Coordinator
Address: 514 West Main Street, Loudonville, OHIO 44842 USA
Phones: Work: 419-994-4186 FAX: 419-994-4075 24-hour: 419-571-3470
Email: custerv@loudonvilleequity.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: FORMALDEHYDE
CAS #: 50-00-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Greater than ambient temperature

Facility: Loudonville Farmers Equity (continued)

Amount:

MIXTURE COMPONENTS:

Name: Formaldehyde CAS #: 50-00-0 ☑ EHS
Max Amt Code: 02 (100-499 pounds) Component Percentage: 37 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Gramoxone Inteon (Paraquat)
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☑ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 02 (100-499 pounds)
Average Daily Amount: Average Daily Amount code: 01 (0-99 pounds)
Max amount in largest container:
Days on site: 120

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: gallons

MIXTURE COMPONENTS:

Name: Paraquat CAS #: 1910-42-5 ☑ EHS

Facility: Loudonville Farmers Equity (continued)

Max Amt Code: 02 (100-499 pounds) Component Percentage: (by)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Lexar
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Mixture or Product Name: Roundup Powermax 3
CAS #:
Chemical Category: ☐ Pure ☑ Mixture

Facility: Loudonville Farmers Equity (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Chemical Building
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

State/local fees: $490.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Facility: Loudonville Farmers Equity (continued)

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 126 through 131, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/15/2023

Signature | Date signed

Jon Spreng CEO

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: MCI-NOVFOH (VZB-OHNOVFOH)

FACILITY NAME AND LOCATION:
MCI-NOVFOH (VZB-OHNOVFOH)
Dept:
219 St. Rt. 511
Nova, Ohio 44859 USA
County: Ashland
Fire District: Ruggles-Troy
Latitude: 41.03301
Longitude: -82.30425
MAILING ADDRESS: One Verizon awy, MC 33E040F, Attn: EPCRA Program
Basking Ridge, New Jersey 07920-1097 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 020289070
NAICS: 517111 (Wired Telecommunications Carriers)

Is the facility manned? ☐ Manned ☑ Unmanned
Maximum No. of Occupants: 0

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Calderon, Susan
Title: EPCRA Program Project Manager
Contact Type(s): Owner / Operator, Tier II Information Contact
Address: One Verizon Way, MC:33E040F, Attn: EPCRA Program, Basking Ridge, NEW JERSEY 07920-1097 USA
Phones: 24-hour: 800-386-9639 Work: 908-559-4600
Email: susan.calderon@verizon.com

Compliance, Service Center
Title: Manager
Contact Type(s): Emergency Contact
Address:
Phones: 24-hour: 800-386-9639 Work: 800-386-9639
Email: susan.calderon@verizon.com

Facility: MCI-NOVFOH (VZB-OHNOVFOH) (continued)

Yowler, Charles
Title: Property Manager
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address: 312 Plum St., Cincinnati, OHIO USA
Phones: 24-hour: 800-386-9639 Work: 513-616-6545
Email: david.yowler@verizon.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Lead Acid Battery
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☑ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Inside-Main Bldg- Eq shelter
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: sulfuric Acid CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: 7.75 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Facility: MCI-NOVFOH (VZB-OHNOVFOH) (continued)

Fee classification for this reported substance:

State/local fees: None

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 132 through 134, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

01/03/2023
Date signed

on document
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: NAS-Jeromesville, OH 3018

FACILITY NAME AND LOCATION:
NAS-Jeromesville, OH 3018
Dept:
1973 State Route 89
Jeromesville, Ohio 44840 USA
Emergency 24-Hour Phone Number: 419-368-8113
County: Ashland
Fire District: Jeromesville Vol Fire Dept
Latitude: 40.774485
Longitude: -82.184149
MAILING ADDRESS: 1973 State Route 89
Jeromesville, Ohio 44840 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: N/A
NAICS: 424910 (Farm Supplies Merchant Wholesalers)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 7

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

Nutrien Ag Solutions,
Title:
Contact Type(s): Owner / Operator
Address: 3005 Rocky Mountain Avenue, Loveland, COLORADO 80538 USA
Phones: Work: 970-685-3300 24-hour: 970-685-3300
Email: shawn.mccourt@nutrien.com

Nutrien Ag Solutions,
Title:
Contact Type(s): Owner / Operator
Address: 3005 Rocky Mountain Avenue, Loveland, COLORADO 80538 USA
Phones: Work: 970-685-3300 24-hour: 970-685-3300
Email: shawn.mccourt@nutrien.com

Ruck, Scott
Title: Operations Manager
Contact Type(s): Tier II Information Contact
Address: 1973 State Route 89, Jeromesville, OHIO 44840 USA
Phones: Work: 419-368-8113 24-hour: 440-415-4579
Email: scott.ruck@nutrien.com

Ruck, Scott
Title: Operations Manager
Contact Type(s): Fac. Emergency Coordinator
Address: 1973 State Route 89, Jeromesville, OHIO 44840 USA
Phones: Work: 419-368-8113 24-hour: 440-415-4579
Email: scott.ruck@nutrien.com

Ruck, Scott
Title: Operations Manager
Contact Type(s): Emergency Contact
Address: 1973 State Route 89, Jeromesville, OHIO 44840 USA
Phones: Work: 419-368-8113 24-hour: 440-415-4579
Email: scott.ruck@nutrien.com

Stoner, Adam
Title: Safety Coordinator
Contact Type(s): Fac. Emergency Coordinator
Address: 1973 State Route 89, Jeromesville, OHIO 44840 USA
Phones: Work: 419-368-8113 24-hour: 567-217-1370
Email: adam.stoner@nutrien.com

Stoner, Adam
Title: Safety Coordinator
Contact Type(s): Emergency Contact
Address: 1973 State Route 89, Jeromesville, OHIO 44840 USA
Phones: Work: 419-368-8113 24-hour: 567-217-1370
Email: adam.stoner@nutrien.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Altura C2
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 22,775 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,382 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 22,775 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,775 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Ammonium Polyphosphate Sol. (10-34-0)
CAS #: 68333-79-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: NAS-Jeromesville, OH 3018 (continued)

☐ Below Reporting Thresholds
Maximum Amount: 120,900 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 60,450 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 120,900 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 120,900 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Ammonium Sulfate (Dry)
CAS #: 7783-20-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 135,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 67,500 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 135,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.

Facility: NAS-Jeromesville, OH 3018 (continued)

Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 135,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Atrazine 4L
CAS #: 1912-24-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,979 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 5,201 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 12,979 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,979 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,979 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Jeromesville, OH 3018 (continued)

Mixture or Product Name: Atrazine 90WDG
CAS #: 1912-24-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 13,176 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 5,118 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 13,176 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,176 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Black Label ZN
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

Facility: NAS-Jeromesville, OH 3018 (continued)

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 11,979 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 5,990 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 11,979 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,979 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,979 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Diammonium Phosphate (18-46-0)
CAS #: 7783-28-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 217,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 108,500 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 217,000 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 217,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Enlist One
CAS #: 1048373-72-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: NAS-Jeromesville, OH 3018 (continued)

☐ Below Reporting Thresholds
Maximum Amount: 17,104 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 10,696 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 17,104 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 17,104 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 17,104 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Extract
CAS #: 7783-18-8
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,212 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,106 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 12,212 pounds
Days on site: 365

Facility: NAS-Jeromesville, OH 3018 (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,212 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Glyphosate 53.8%
CAS #: 38641-94-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 43,502 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 8,280 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 43,502 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 43,502 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Jeromesville, OH 3018 (continued)

Mixture or Product Name: Helmquat 3SL
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 15,248 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 3,481 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 15,248 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 15,248 pounds

MIXTURE COMPONENTS:

Name: Paraquat Dichloride CAS #: 1910-42-5 ☑ EHS
Max Amt Code: 05 (5,000-9,999 pounds) Component Percentage: 43.8 (by)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Instinct NXTGEN
CAS #: 1929-82-4
Chemical Category: ☐ Pure ☑ Mixture

Facility: NAS-Jeromesville, OH 3018 (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 15,653 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,296 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 15,653 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 15,653 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Lexar EZ
CAS #: 1912-24-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 36,930 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 17,270 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 36,930 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 36,930 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 36,930 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 36,930 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 36,930 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Lime, Pellet
CAS #: 1317-65-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 70,000 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 35,000 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 70,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 70,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Makaze
CAS #: 38641-94-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: NAS-Jeromesville, OH 3018 (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 55,812 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 37,986 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 55,812 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 55,812 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 55,812 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 55,812 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 55,812 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 55,812 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: MicroEssential S10
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 1,120,000 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)
Average Daily Amount: 560,000 pounds Average Daily Amount code: 11 (500,000-999,999 pounds)
Max amount in largest container: 1,120,000 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,120,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance:

Mixture or Product Name: Monoammonium Phosphate (11-52-0)
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Facility: NAS-Jeromesville, OH 3018 (continued)

Maximum Amount: 500,000 pounds Maximum Amount code: 11 (500,000-999,999 pounds)
Average Daily Amount: 250,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 500,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 500,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Potash, Muriate
CAS #: 7447-40-7
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 1,558,000 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)
Average Daily Amount: 779,000 pounds Average Daily Amount code: 11 (500,000-999,999 pounds)
Max amount in largest container: 1,558,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature

Facility: NAS-Jeromesville, OH 3018 (continued)

Amount: 1,558,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Re-Nforce K
CAS #: 57-13-6
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 23,380 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 11,690 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 23,380 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 23,380 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Reax Boron
CAS #: 10043-35-3
Chemical Category: ☐ Pure ☑ Mixture

Facility: NAS-Jeromesville, OH 3018 (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 15,092 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,540 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 15,092 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 15,092 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Reax Complete
CAS #: 7782-63-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization

Facility: NAS-Jeromesville, OH 3018 (continued)

- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: 29,403 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 14,696 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 29,403 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 29,403 pounds

MIXTURE COMPONENTS:

Name: Ammonia (Anhydrous) CAS #: 7664-41-7 ☑ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 5 (by)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Reax K
CAS #: 1310-58-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard

Facility: NAS-Jeromesville, OH 3018 (continued)

☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Simple asphyxiant
☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 28,017 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 14,003 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 28,017 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 28,017 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Resicore
CAS #: 34256-82-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 20,896 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 12,661 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 20,896 pounds

Facility: NAS-Jeromesville, OH 3018 (continued)

Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,896 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,896 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,896 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 20,896 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Resicore XL
CAS #: 34256-82-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 18,745 pounds Maximum Amount code: 06 (10,000-24,999 pounds)

Facility: NAS-Jeromesville, OH 3018 (continued)

Average Daily Amount: 1,877 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 18,745 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 18,745 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 18,745 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 18,745 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 18,745 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: S-Sul Ammonium Sulfate
CAS #: 7783-20-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: NAS-Jeromesville, OH 3018 (continued)

☐ Below Reporting Thresholds
Maximum Amount: 42,840 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 24,088 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 42,840 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 42,840 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: SureStart II
CAS #: 34256-82-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 13,605 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 2,050 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 13,605 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).

Facility: NAS-Jeromesville, OH 3018 (continued)

Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,605 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,605 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,605 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,605 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Thio-Sul
CAS #: 7783-18-8
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 56,300 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 28,150 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 56,300 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Facility: NAS-Jeromesville, OH 3018 (continued)

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 56,300 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: UAN Solution (28%-32%)
CAS #: 57-13-6
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 1,281,600 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)
Average Daily Amount: 640,800 pounds Average Daily Amount code: 11 (500,000-999,999 pounds)
Max amount in largest container: 1,281,600 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,281,600 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Jeromesville, OH 3018 (continued)

Mixture or Product Name: Urea

CAS #: 57-13-6

Chemical Category: ☐ Pure ☑ Mixture

EHS: ☐ Yes ☑ No

Physical State: ☑ Solid ☐ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 1,284,000 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)

Average Daily Amount: 642,000 pounds Average Daily Amount code: 11 (500,000-999,999 pounds)

Max amount in largest container: 1,284,000 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in dry fertilizer warehouse.

Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 1,284,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan

☐ I have attached a list of site coordinate abbreviations

☐ I have attached a description of dikes and other safeguard measures

Facility: NAS-Jeromesville, OH 3018 (continued)

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 135 through 162, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 12/19/2022

Signature Date signed

Megan Walters, CHMM VP of Reporting & Data Services

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: NAS-Polk, OH 550

FACILITY NAME AND LOCATION:
NAS-Polk, OH 550
Dept:
455 North Main Street
Polk, Ohio 44866 USA
Emergency 24-Hour Phone Number: 419-945-2366
County: Ashland
Fire District: Polk-Jackson & Perry Fire Dept
Latitude: 40.949802
Longitude: -82.216235
MAILING ADDRESS: 455 North Main Street
Polk, Ohio 44866 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: N/A
NAICS: 424910 (Farm Supplies Merchant Wholesalers)
RMP: 100000115555

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 15

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

Akers, John
Title: Crop Consultant
Contact Type(s): Emergency Contact
Address: 455 North Main Street, Polk, OHIO 44866 USA
Phones: Work: 419-945-2366 24-hour: 419-295-6501
Email: john.akers@nutrien.com

Nutrien Ag Solutions,
Title:
Contact Type(s): Owner / Operator
Address: 3005 Rocky Mountain Avenue, Loveland, COLORADO 80538 USA
Phones: Work: 970-685-3300 24-hour: 970-685-3300

Facility: NAS-Polk, OH 550 (continued)

Email: shawn.mccourt@nutrien.com

T McCourt, Shawn
Title: Manager
Contact Type(s): Emergency Contact
Address: 455 North Main Street, Polk, OHIO 44866 USA
Phones: Work: 419-945-2366 24-hour: 419-651-1303
Email: shawn.mccourt@nutrien.com

T McCourt, Shawn
Title: Manager
Contact Type(s): Fac. Emergency Coordinator
Address: 455 North Main Street, Polk, OHIO 44866 USA
Phones: Work: 419-945-2366 24-hour: 419-651-1303
Email: shawn.mccourt@nutrien.com

T McCourt, Shawn
Title: Manager
Contact Type(s): Tier II Information Contact
Address: 455 North Main Street, Polk, OHIO 44866 USA
Phones: Work: 419-945-2366 24-hour: 419-651-1303
Email: shawn.mccourt@nutrien.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Abundit Edge
CAS #: 70901-12-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 22,756 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 5,135 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)

Facility: NAS-Polk, OH 550 (continued)

Max amount in largest container: 22,756 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,756 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,756 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,756 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,756 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 22,756 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Actamaster Soluble Spray
CAS #: 7783-20-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

Facility: NAS-Polk, OH 550 (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,200 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 4,000 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 12,200 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,200 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Acuron
CAS #: 87392-12-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 54,068 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 40,975 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 54,068 pounds
Days on site: 365

STORAGE LOCATIONS:

Facility: NAS-Polk, OH 550 (continued)

☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,068 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,068 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,068 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,068 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 54,068 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Altura C2
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds

Facility: NAS-Polk, OH 550 (continued)

Maximum Amount: 45,799 pounds Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: 10,840 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 45,799 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 45,799 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 45,799 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 45,799 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 45,799 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Chemical Name: Ammonia (Anhydrous)
CAS #: 7664-41-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☑ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☑ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

Facility: NAS-Polk, OH 550 (continued)

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 320,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 160,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 320,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 320,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Ammonium Polyphosphate Sol. (10-34-0)
CAS #: 68333-79-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 217,620 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 48,360 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 217,620 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Facility: NAS-Polk, OH 550 (continued)

Location Description: Stored on the facility lot.
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 217,620 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Ammonium Sulfate (Dry)
CAS #: 7783-20-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 209,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 100,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 209,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 209,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Ammonium Thiosulfate Solution

Facility: NAS-Polk, OH 550 (continued)

CAS #: 7783-18-8
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 122,640 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 46,720 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 122,640 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 122,640 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Atrazine 90WDG
CAS #: 1912-24-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation

Facility: NAS-Polk, OH 550 (continued)

- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,500 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 4,967 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 12,500 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,500 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Enlist One
CAS #: 1048373-72-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: NAS-Polk, OH 550 (continued)

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 14,885 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 8,497 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 14,885 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 14,885 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 14,885 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Glyphosate 53.8%
CAS #: 38641-94-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 21,751 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 10,045 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)

Facility: NAS-Polk, OH 550 (continued)

Max amount in largest container: 21,751 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 21,751 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Gramoxone SL 2.0
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 27 pounds Maximum Amount code: 01 (0-99 pounds)
Average Daily Amount: 18 pounds Average Daily Amount code: 01 (0-99 pounds)
Max amount in largest container: 27 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 27 pounds

Facility: NAS-Polk, OH 550 (continued)

MIXTURE COMPONENTS:

Name: Paraquat Dichloride CAS #: 1910-42-5 ☑ EHS
Max Amt Code: 01 (0-99 pounds) Component Percentage: 30.1 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Helmquat 3SL
CAS #: 1910-42-5
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 10,165 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 3,615 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 10,165 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,165 pounds

MIXTURE COMPONENTS:

Name: Paraquat Dichloride CAS #: 1910-42-5 ☑ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 43.8 (by weight)

Facility: NAS-Polk, OH 550 (continued)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Lexar EZ
CAS #: 1912-24-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 16,989 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,369 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 16,989 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 16,989 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 16,989 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 16,989 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature

Facility: NAS-Polk, OH 550 (continued)

Amount: 16,989 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 16,989 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Lime, Pellet
CAS #: 1317-65-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 50,000 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 20,000 pounds Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container: 50,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 50,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Polk, OH 550 (continued)

Mixture or Product Name: Makaze

CAS #: 38641-94-0

Chemical Category: ☐ Pure ☑ Mixture

EHS: ☐ Yes ☑ No

Physical State: ☐ Solid ☑ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 69,566 pounds Maximum Amount code: 08 (50,000-74,999 pounds)

Average Daily Amount: 42,622 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)

Max amount in largest container: 69,566 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 69,566 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 69,566 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 69,566 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 69,566 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature

Facility: NAS-Polk, OH 550 (continued)

Amount: 69,566 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Matador S
CAS #: 87392-12-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 10,729 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 7,216 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 10,729 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,729 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,729 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Polk, OH 550 (continued)

Mixture or Product Name: MicroEssential S10
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 297,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 145,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 297,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 297,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Monoammonium Phosphate (11-52-0)
CAS #: 7722-76-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

HEALTH HAZARDS:

Facility: NAS-Polk, OH 550 (continued)

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 404,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 185,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 404,000 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 404,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance:

Mixture or Product Name: Potash, Muriate

CAS #: 7447-40-7

Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)

HEALTH HAZARDS:

- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: NAS-Polk, OH 550 (continued)

☐ In contact with water emits flammable gas
☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 500,000 pounds Maximum Amount code: 11 (500,000-999,999 pounds)
Average Daily Amount: 250,000 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 500,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 500,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Reax K
CAS #: 1310-58-3
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,034 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,017 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 12,034 pounds
Days on site: 365

Facility: NAS-Polk, OH 550 (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,034 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Resicore
CAS #: 34256-82-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 15,521 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 4,073 pounds Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container: 15,521 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 15,521 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Polk, OH 550 (continued)

Mixture or Product Name: Riser
CAS #: 6484-52-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 171,965 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 85,982 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 171,965 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 171,965 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 171,965 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Roundup PowerMAX 3
CAS #: 70901-12-1
Chemical Category: ☐ Pure ☑ Mixture

Facility: NAS-Polk, OH 550 (continued)

EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 61,671 pounds Maximum Amount code: 08 (50,000-74,999 pounds)
Average Daily Amount: 31,192 pounds Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container: 61,671 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 61,671 pounds

Location Description: Stored in bulk tank(s).
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 61,671 pounds

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 61,671 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 61,671 pounds

Location Description: Stored in chemical warehouse.
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 61,671 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Facility: NAS-Polk, OH 550 (continued)

Mixture or Product Name: UAN Solution (28%-32%)
CAS #: 57-13-6
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 4,613,760 pounds Maximum Amount code: 12 (1,000,000-9,999,999 pounds)
Average Daily Amount: 2,306,880 pounds Average Daily Amount code: 12 (1,000,000-9,999,999 pounds)
Max amount in largest container: 4,613,760 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in bulk tank(s).
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 4,613,760 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Urea
CAS #: 57-13-6
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

Facility: NAS-Polk, OH 550 (continued)

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 463,000 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 231,500 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 463,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in dry fertilizer warehouse.
Container Type: Outdoor storage pile Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 463,000 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Weather Gard Complete
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)

Facility: NAS-Polk, OH 550 (continued)

☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Aspiration hazard
☐ Simple asphyxiant
☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 12,647 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 6,559 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 12,647 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Stored in chemical warehouse.
Container Type: Plastic bottles or jugs Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 12,647 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 163 through 188, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

Signature

12/19/2022
Date signed

Megan Walters, CHMM VP of Reporting & Data Services
Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Packaging Corporation of America

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

FACILITY NAME AND LOCATION:

Packaging Corporation of America
Dept:
929 Faultless Drive
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.887116
Longitude: -82.32049
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:

Dun & Bradstreet: 03-910-8030
NAICS: 322211 (Corrugated and Solid Fiber Box Manufacturing)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 262

REGULATORY INFORMATION:

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:

☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Cooney, John
Title: Operations Manager
Contact Type(s): Emergency Contact, Tier II Information Contact
Address:
Phones: 24-hour: 419-282-5872 Work: 419-282-5872
Email: jcooney@packagingcorp.com

Hillyard, Daryl
Title: Maintenance Manager
Contact Type(s): Emergency Contact, Tier II Information Contact, Submitter
Address:
Phones: Work: 419-282-5846 24-hour: 330-416-1350
Email: darylhillyard@packagingcorp.com

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Huff, Douglas
Title: production manager
Contact Type(s): Emergency Contact, Tier II Information Contact
Address:
Phones: Work: 419-282-5845 24-hour: 419-282-5845
Email: dwhuff@packagingcorp.com

Strahler, Michael
Title: General
Contact Type(s): Emergency Contact
Address:
Phones: 24-hour: 419-282-5822 Work: 419-282-5822
Email: mstrahler@packagingcorp.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Aluminum Chloride
CAS #: 7446-70-0
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Inside the plant, west side of the building

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: BATTERY
CAS #: 7664-93-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Industrial Lift trucks
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Caustic Soda

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

CAS #: 1310-73-2
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: double lined tank near the starch kitchen
Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Chemical Name: Corn Starch
CAS #: 9005-25-8
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☑ Combustible dust

- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☑ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: southwest side outside of the building
Container Type: Silo Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance:

Mixture or Product Name: LEAD
CAS #: 7439-92-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:

- ☑ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)

HEALTH HAZARDS:

- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

☐ In contact with water emits flammable gas
☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Industrial Lift Trucks
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: Lithium Ion Battery
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☑ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Forklift Batteries
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance:

Mixture or Product Name: sodium dimethyldithlocarbamate
CAS #: 128-04-1
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: Average Daily Amount code: 02 (100-499 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Waste Water
Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

Facility: Packaging Corporation of America (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance:

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 189 through 196, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/24/2023

Signature — Date signed

On document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Pentair Flow Technologies

FACILITY NAME AND LOCATION:
Pentair Flow Technologies
Dept:
1101 Myers Parkway
Ashland, Ohio 44805 USA
Emergency 24-Hour Phone Number: 419-289-1144
County: Ashland
Fire District:
Latitude: 40.87
Longitude: -82.3
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 03-960-1471 (Pentair)
NAICS: 331511 (Iron Foundries)
NAICS: 333914 (Measuring, Dispensing, and Other Pumping Equipment Manufacturing)
TRI: 44805FMYRS1101M

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 320

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Christine, David
Title: Facilities Manager
Contact Type(s): Emergency Contact
Address: 1101 Myers Parkway, Ashland, OHIO 44805 USA
Phones: Work: 419-281-9962 24-hour: 419-496-1943
Email: david.christine@pentair.com

Fire Department, Ashland
Title: local fire department
Contact Type(s): Emergency Contact, Fire Department
Address: 274 Cleveland Ave., Ashland, OHIO 44805 USA

Facility: Pentair Flow Technologies (continued)

Phones: 24-hour: 419-289-2911 Work: 419-289-6511
Email: Anderson.Rick@ashland-ohio.com

Metcalfe, Al
Title: Site Leader
Contact Type(s): Emergency Contact
Address: 1101 Myers Parkway, Ashland, OHIO 44805 USA
Phones: Work: 419-281-9926 24-hour: 419-685-3748
Email: al.metcalfe@pentair.com

Pentair, plc,
Title: Owner
Contact Type(s): Owner / Operator
Address: 5500 Wayzata Blvd, suite 600, Golden Valley, MINNESOTA 55416 USA
Phones: Work: 763-545-1730 24-hour: 763-545-1730
Email: felix.brobbey@pentair.com

Varner, Ben
Title: EHS Specialist
Contact Type(s): Tier II Information Contact
Address: 1101 Myers Parkway, Ashland, OHIO 44805 USA
Phones: Work: 419-281-9926 Mobile - Cell: 419-685-3748
Email: Ben.Varner@pentair.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: BATTERY
CAS #: 7664-93-9
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☑ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 62,000 pounds Maximum Amount code: 08 (50,000-74,999 pounds)

Facility: Pentair Flow Technologies (continued)

Average Daily Amount: 62,000 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 3,100 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Ubiquitous
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 62,000 pounds

MIXTURE COMPONENTS:

Name: H2SO4 and Water Mix (Battery Electrolyte) CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 05 (5,000-9,999 pounds) Component Percentage: 20 (by weight)

Name: Lead (solid in battery core) CAS #: 7439-92-1 ☐ EHS
Max Amt Code: 07 (25,000-49,999 pounds) Component Percentage: 60 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Betacure 100
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☑ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 13,045 pounds Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: 8,097 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 450 pounds

Facility: Pentair Flow Technologies (continued)

Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Casting Center: Chemical Storage Moat
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 13,045 pounds

MIXTURE COMPONENTS:

Name: Methanol CAS #: 67-56-1 ☐ EHS
Max Amt Code: Component Percentage: 3 (by weight)

Name: Methyl Formate CAS #: 107-31-3 ☐ EHS
Max Amt Code: Component Percentage: 97 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Lubrication Oils
CAS #:
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 95,060 pounds Maximum Amount code: 09 (75,000-99,999 pounds)
Average Daily Amount: 87,560 pounds Average Daily Amount code: 09 (75,000-99,999 pounds)
Max amount in largest container: 71,770 pounds
Days on site: 365

Facility: Pentair Flow Technologies (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: Bulk Tank outside receiving dock
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,000 gallons

Location Description: Casting Center: Chemical Storage Moat
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 2,763 pounds

Location Description: Casting Center: Maintenance Area
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,184 pounds

Location Description: Pump Plant Oil Room (Column T12)
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 7,895 pounds

Location Description: Pump Plant: Blaw-Knox area
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 11,447 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Sulfuric Acid
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

Facility: Pentair Flow Technologies (continued)

☐ Below Reporting Thresholds
Maximum Amount: 600 pounds Maximum Amount code: 03 (500-999 pounds)
Average Daily Amount: 600 pounds Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container: 25 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Pump Plant, Battery charge area 1, room "A"
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 400 pounds

Location Description: Pump Plant, battery charge area 2, room "A"
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 200 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Mixture or Product Name: Techniset 6435 UNB Pt. 2
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☑ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☑ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 7,719 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 7,719 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 2,400 pounds
Days on site: 365

Facility: Pentair Flow Technologies (continued)

STORAGE LOCATIONS:
☐ Confidential

Location Description: Casting Center: No Bake Area
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 7,719 pounds

MIXTURE COMPONENTS:

Name: Diphenylmethane 4,4'-Diisocyanate (MDI) CAS #: 101-68-8 ☐ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 30 (by weight)

Name: Diphenylmethane-2,4'-diisocyanate CAS #: 5873-54-1 ☐ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 10 (by weight)

Name: Heavy Aromatic Solvent Naptha CAS #: 64742-94-5 ☐ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 20 (by weight)

Name: Kerosene CAS #: 8008-20-6 ☐ EHS
Max Amt Code: 02 (100-499 pounds) Component Percentage: 3 (by weight)

Name: Napthalene CAS #: 91-20-3 ☐ EHS
Max Amt Code: 02 (100-499 pounds) Component Percentage: 3 (by weight)

Name: Polymeric Diphenylmethane Diisocyanate CAS #: 9016-87-9 ☐ EHS
Max Amt Code: 05 (5,000-9,999 pounds) Component Percentage: 50 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

Mixture or Product Name: Techniset F6000 UNB Pt. 1
CAS #:
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☑ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas

HEALTH HAZARDS:
☑ Acute toxicity (any route of exposure)
☑ Skin corrosion or irritation
☑ Serious eye damage or eye irritation
☑ Respiratory or skin sensitization
☑ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☑ Aspiration hazard
☐ Simple asphyxiant

Facility: Pentair Flow Technologies (continued)

☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:
☑ Below Reporting Thresholds
Maximum Amount: 7,709 pounds Maximum Amount code: 05 (5,000-9,999 pounds)
Average Daily Amount: 5,309 pounds Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container: 2,400 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Casting Center: No Bake Area
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 7,709 pounds

MIXTURE COMPONENTS:

Name: Dimethyl Adipate CAS #: 627-93-0 ☐ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: 3 (by weight)

Name: Heavy Aromatic Solvent Naptha CAS #: 64742-94-5 ☐ EHS
Max Amt Code: 05 (5,000-9,999 pounds) Component Percentage: 30 (by weight)

Name: Napthalene CAS #: 91-20-3 ☐ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: 3 (by weight)

Name: Phenol CAS #: 108-95-2 ☑ EHS
Max Amt Code: 04 (1,000-4,999 pounds) Component Percentage: 10 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Voluntary (below threshold)

State/local fees: $490.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Facility: Pentair Flow Technologies (continued)

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 197 through 205, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/17/2023

Signature — Date signed

Al Metcalfe

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Sarver Paving Company

FACILITY NAME AND LOCATION:
Sarver Paving Company
Dept:
1208 Masters Avenue
Ashland, Ohio 44805 USA
Emergency 24-Hour Phone Number: 911
County: Ashland
Fire District: City of Ashland
Latitude: 40.880718
Longitude: -82.328329
MAILING ADDRESS:

☑ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 017510207 (Sarver Paving Company)
NAICS: 324121 (Asphalt Paving Mixture and Block Manufacturing)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 14

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☑ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

Anderson, Richard
Title: Fire Chief
Contact Type(s): Fire Department
Address: 274 Cleveland Avenue, Ashland, OHIO 44805 USA
Phones: Work: 4192896575 Emergency: 911
Email: firechief@ashland-ohio.com

Ritchey, Craig
Title: General Manager
Contact Type(s): Emergency Contact, Billing
Address: 1208 Masters Avenue, Ashland, OHIO 44805 USA
Phones: 24-hour: 4196063874 Work: 5672033997
Email: craig@sarverpaving.com

Sarver Paving Company,
Title:
Contact Type(s): Owner / Operator
Address: 1208 Masters Avenue, Ashland, OHIO 44805 USA
Phones: Work: 4192897746
Email: info@sarverpaving.com

Wurster, Michael
Title: President
Contact Type(s): Emergency Contact, Tier II Information Contact, Fac. Emergency Coordinator, Submitter
Address: 1877 McKinley Avenue, Columbus, OHIO 43222 USA
Phones: Work: 6142742657 24-hour: 6149298228
Email: mwurster@phillipsoilcompany.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Asphalt (all)
CAS #: 8052-42-4
Chemical Category: ☐ Pure ☑ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☑ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☑ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: 374,100 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 374,100 pounds Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container: 129,000 pounds
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: AC Tank T-09 (north of asphalt plant)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature

Facility: Sarver Paving Company (continued)

Amount: 20,000 gallons

Location Description: AC Tank T-1 (concrete dike, south)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 12,000 gallons

Location Description: AC Tank T-2 (concrete dike, southwest)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 12,000 gallons

Location Description: Emulsion Tank T-6 (concrete dike, north central)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 12,000 gallons

Location Description: Emulsion Tank T-7 (concrete dike, north)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount:

Location Description: Tack (SS1H) Tank T-4 (concrete dike, southeast)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Greater than ambient temperature
Amount: 6,000 gallons

MIXTURE COMPONENTS:

Name: Hydrogen sulfide CAS #: 7783-06-4 ☑ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: 0.2 (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

Chemical Name: Diesel Fuel (all)
CAS #: 68334-30-5
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☑ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☑ Aspiration hazard
- ☐ Simple asphyxiant

Facility: Sarver Paving Company (continued)

☐ Combustible dust

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 110,600 pounds Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: 71,100 pounds Average Daily Amount code: 08 (50,000-74,999 pounds)
Max amount in largest container: 79,900 pounds
Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: Diesel (off road) T-3 (concrete dike, south center)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 10,000 gallons

Location Description: Diesel (off road) T-5 (concrete dike - west center)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 1,000 gallons

Location Description: Diesel (on road) T-11 (fueling station - concrete dike, east)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 2,000 gallons

Location Description: Diesel (on road) T-12 (fueling station - concrete dike, center)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 2,000 gallons

Location Description: Diesel (on road) T-13 (fueling station - concrete dike, west)
Container Type: Above ground tank Pressure: Ambient pressure Temperature: Ambient temperature
Amount: 2,000 gallons

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Fee classification for this reported substance: Hazardous Chemical

State/local fees: $320.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☑ I have attached a description of dikes and other safeguard measures

FACILITY NOTES:

Asphalt is itself a hazardous chemical $20
Asphalt contains hydrogen sulfide and EHS $150
Base filing fee $150

Facility: Sarver Paving Company (continued)

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 206 through 210, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/24/2023

Signature | Date signed

Michael Wurster

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: The Home Depot Store #3888

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

FACILITY NAME AND LOCATION:

The Home Depot Store #3888
Dept:
1060 Sugarbush Dr.
Ashland, Ohio 44805 USA
County: Ashland
Fire District: Ashland
Latitude: 40.8603215
Longitude: -82.2856088
MAILING ADDRESS: 213 Court Street, Suite 700, C/O Compliance Department
Middletown, Connecticut 06457 USA

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:

Dun & Bradstreet: 78-326-6950
NAICS: 444110 (Home Centers)
EIN: 58-1853319

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 400

REGULATORY INFORMATION:

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☐ Yes ☑ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☑ Yes ☐ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:

☐ Confidential Location Forms Included
☐ Signature Certification Form included
☐ Facility Name has changed
Previous facility name (if known):
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☐ Annual Filing

CONTACT INFORMATION:

D'Agostino, Tom
Title: National Account Manager
Contact Type(s): Chemical Carrier
Address: 2366 Bernville Rd., Reading, PENNSYLVANIA 19605 USA
Phones: 24-hour: 248-670-0124 Work: 610-208-1991
Email: tom.dagostino@enersys.com

Gonzalez, Angela
Title: Multi-store asset protection manager
Contact Type(s): Emergency Contact
Address:
Phones: Work: 330-212-8822 24-hour: 330-212-8822

Facility: The Home Depot Store #3888 (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Email: angela_n_gonzalez@homedepot.com

Hobbs, Sara
Title: Store Manager
Contact Type(s): Emergency Contact
Address:
Phones: Work: 419-207-8319 24-hour: 419-685-8173
Email: sara_e_hobbs@homedepot.com

The Home Depot U.S.A., Inc,
Title:
Contact Type(s): Owner / Operator
Address: 2455 Paces Ferry Rd, C-19, Alanta, GEORGIA 30339 USA
Phones: Work: 770-4333-8211 X 82714
Email: TierIIadministrator@arcadis.com

Tier II Administrator, Tier II Administrator
Title: Administrator
Contact Type(s): Tier II Information Contact, Billing
Address:
Phones: Work: 860-503-1500 FAX: 860-503-1500
Email: TierIIadministrator@arcadis.com

CHEMICAL INVENTORY INFORMATION:

Chemical Name: SULFURIC ACID
CAS #: 7664-93-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☑ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 03 (500-999 pounds)

Facility: The Home Depot Store #3888 (continued)

>>>>>>>>>> THIS FACILITY HAS NOT PASSED A VALIDATION CHECK <<<<<<<<<<

Average Daily Amount: Average Daily Amount code: 03 (500-999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Batteries: in receiving, on equipment and in electrical/fire pump rooms
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount:

MIXTURE COMPONENTS:

Name: BATTERY ACID CAS #: 7664-93-9 ☑ EHS
Max Amt Code: 03 (500-999 pounds) Component Percentage: (by weight)

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

State/local fees: None

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 211 through 213, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

_____ 02/17/2023

Signature Date signed

on document

Name and official title of owner/operator OR owner/operator's authorized representative

Facility: Tremco CPG Inc.

FACILITY NAME AND LOCATION:
Tremco CPG Inc.
Dept:
1451 Jacobson Ave
Ashland, Ohio 44805 USA
County: Ashland
Fire District:
Latitude: 40.881608
Longitude: -82.307472
MAILING ADDRESS:

☐ All facility information (not including chemical information) is identical to last year's submission

IDENTIFICATION NUMBERS:
Dun & Bradstreet: 157279951
NAICS: 326291 (Rubber Product Manufacturing for Mechanical Use)

Is the facility manned? ☑ Manned ☐ Unmanned
Maximum No. of Occupants: 75

REGULATORY INFORMATION:
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☑ Yes ☐ No
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☑ No

STATE-SPECIFIC FACILITY DATA FIELDS FOR OHIO:
☐ Confidential Location Forms Included
☑ Signature Certification Form included
☑ Facility Name has changed
Previous facility name (if known): Tremco Inc.
☐ Owner / Operator has changed
Previous parent company/owner (if known):
☐ Initial Filing (First Time Filer)
☐ Updated Filing
☑ Annual Filing

CONTACT INFORMATION:

Ashland Fire Department,
Title:
Contact Type(s): Fire Department
Address: 274 Cleveland Ave, Ashland, OHIO 44805 USA
Phones: 24-hour: 4192896511
Email:

Kennard, Michael
Title: EHS Manager
Contact Type(s): Emergency Contact, Tier II Information Contact, Fac. Emergency Coordinator, Submitter
Address: 1451 Jacobson Avenue, Ashland, OHIO 44805 USA
Phones: 24-hour: 419-571-9540 Work: 419-207-2018
Email: mkennard@tremcoinc.com

Facility: Tremco CPG Inc. (continued)

McCormick, Kevin
Title: Plant Manager
Contact Type(s): Emergency Contact, Fac. Emergency Coordinator
Address: 1451 Jacobson Avenue, Ashland, OHIO 44805 USA
Phones: 24-hour: 216-392-9597 Work: 419-207-2016
Email: KMcCormick@tremcoinco.com

Tremco CPG Inc,
Title:
Contact Type(s): Owner / Operator
Address: 3735 Green Road, Beachwood, OHIO 44122 USA
Phones: Work: 647-991-3499
Email: pavaladao@tremco.ca

CHEMICAL INVENTORY INFORMATION:

Chemical Name: Calcium oxide
CAS #: 1305-78-8
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Packaging and Racking
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

Facility: Tremco CPG Inc. (continued)

Location Description: Packaging and Racking
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Carbon black
CAS #: 1333-86-4
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 10 (100,000-499,999 pounds)
Average Daily Amount: Average Daily Amount code: 10 (100,000-499,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Packaging and Racking
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

Location Description: Packaging and Racking
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:

Facility: Tremco CPG Inc. (continued)

Fee classification for this reported substance: Hazardous Chemical

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Chemical Name: Lead
CAS #: 7439-92-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☑ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☑ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Plantwide
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Magnesium aluminosilicate clay (beaded products only)
CAS #: 1327-43-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year

Facility: Tremco CPG Inc. (continued)

☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☑ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Mix Room
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

Location Description: Packaging and Racking
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

Location Description: Packaging and Racking
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Potassium Nitrate
CAS #: 7757-79-1
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

Facility: Tremco CPG Inc. (continued)

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☑ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 07 (25,000-49,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Salt cage
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Silicon dioxide, amorphous
CAS #: 1314-13-2
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☐ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard

Facility: Tremco CPG Inc. (continued)

☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust
☐ Simple asphyxiant
☑ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Packaging and Racking
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Silicone Dioxide
CAS #: 14808-60-7
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☑ Carcinogenicity
☐ Reproductive toxicity
☐ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:

Facility: Tremco CPG Inc. (continued)

Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Packaging and Racking
Container Type: Tote bin Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Silicone Dioxide
CAS #: 7631-86-9
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
☐ Explosive
☐ Flammable (gases, aerosols, liquids, or solids)
☐ Oxidizer (liquid, solid, or gas)
☐ Self-reactive
☐ Pyrophoric (liquid or solid)
☐ Pyrophoric gas
☐ Self-heating
☐ Organic peroxide
☐ Corrosive to metal
☐ Gas under pressure (compressed gas)
☐ In contact with water emits flammable gas
☐ Combustible dust

HEALTH HAZARDS:
☐ Acute toxicity (any route of exposure)
☐ Skin corrosion or irritation
☐ Serious eye damage or eye irritation
☐ Respiratory or skin sensitization
☐ Germ cell mutagenicity
☐ Carcinogenicity
☐ Reproductive toxicity
☑ Specific target organ toxicity (single or repeated exposure)
☐ Aspiration hazard
☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 06 (10,000-24,999 pounds)
Average Daily Amount: Average Daily Amount code: 05 (5,000-9,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Mix Room
Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

Location Description: Packaging and Racking

Facility: Tremco CPG Inc. (continued)

Container Type: Box Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Sodium Nitrite
CAS #: 7632-00-0
Chemical Category: ☑ Pure ☐ Mixture
EHS: ☐ Yes ☑ No
Physical State: ☑ Solid ☐ Liquid ☐ Gas
☐ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☑ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☐ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☑ Acute toxicity (any route of exposure)
- ☐ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☑ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☑ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 07 (25,000-49,999 pounds)
Average Daily Amount: Average Daily Amount code: 06 (10,000-24,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Salt Cage
Container Type: Bag Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Hazardous Chemical

---

Chemical Name: Sulfuric Acid
CAS #: 7664-93-9

Facility: Tremco CPG Inc. (continued)

Chemical Category: ☑ Pure ☐ Mixture
EHS: ☑ Yes ☐ No
Physical State: ☐ Solid ☑ Liquid ☐ Gas
☑ Identical to previous year
☐ Trade secret

PHYSICAL HAZARDS:
- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☑ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:
- ☐ Acute toxicity (any route of exposure)
- ☑ Skin corrosion or irritation
- ☑ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:
☐ Below Reporting Thresholds
Maximum Amount: Maximum Amount code: 04 (1,000-4,999 pounds)
Average Daily Amount: Average Daily Amount code: 04 (1,000-4,999 pounds)
Max amount in largest container:
Days on site: 365

STORAGE LOCATIONS:
☐ Confidential

Location Description: Plantwide
Container Type: Battery Pressure: Ambient pressure Temperature: Ambient temperature
Amount: pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR OHIO:
Fee classification for this reported substance: Extremely Hazardous Substance (EHS)

State/local fees: $480.00

☑ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

FACILITY NOTES:
Aquatic Hazard for Zinc Oxide, Dicumyl peroxide, Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy, Toluene, Octamethyl Cyclotetrasiloxane, Sodium Nitrite, Lead

Facility: Tremco CPG Inc. (continued)

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information in pages 214 through 224, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted informaton is true, accurate, and complete.

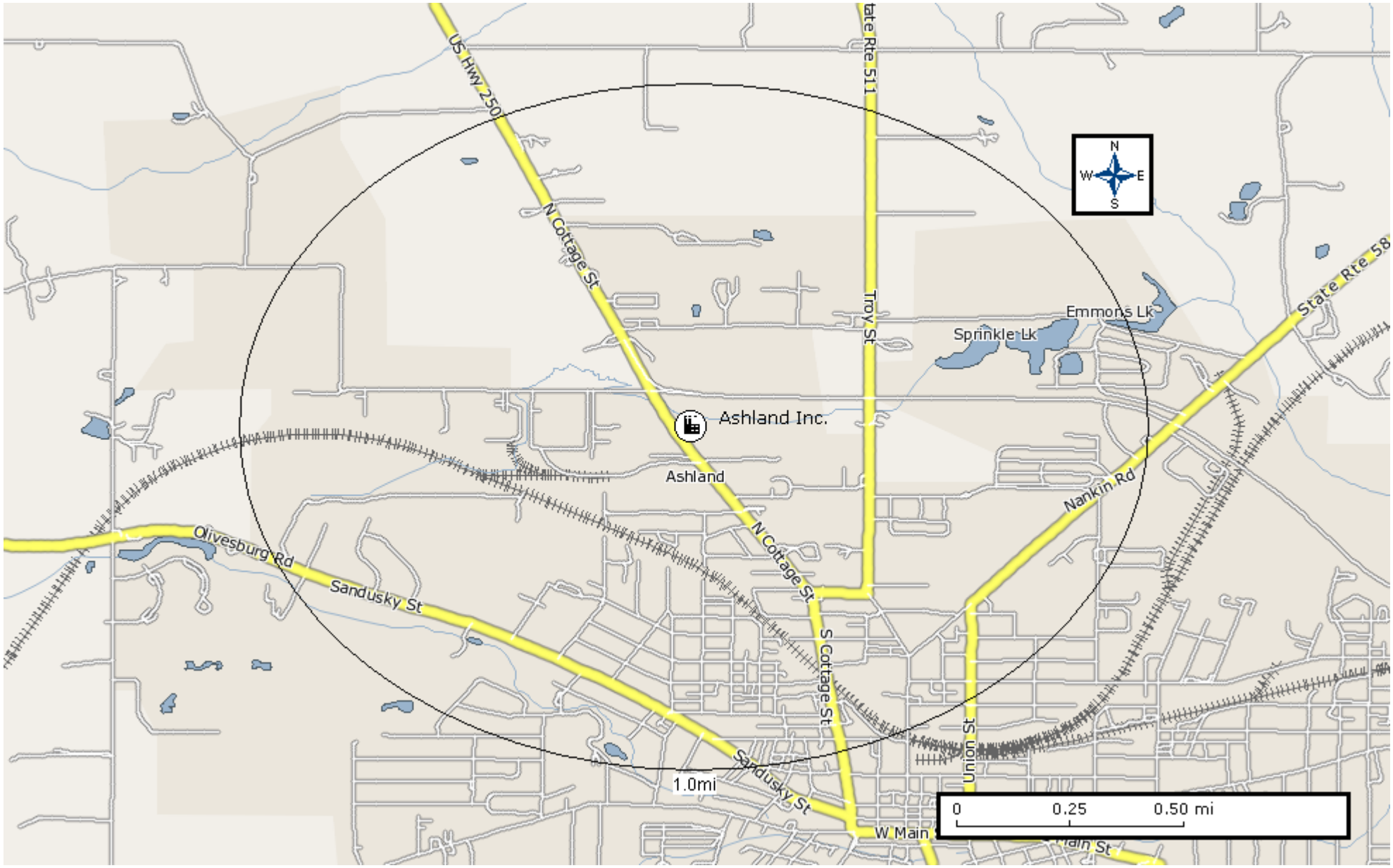
_____ 02/28/2023

Signature | Date signed

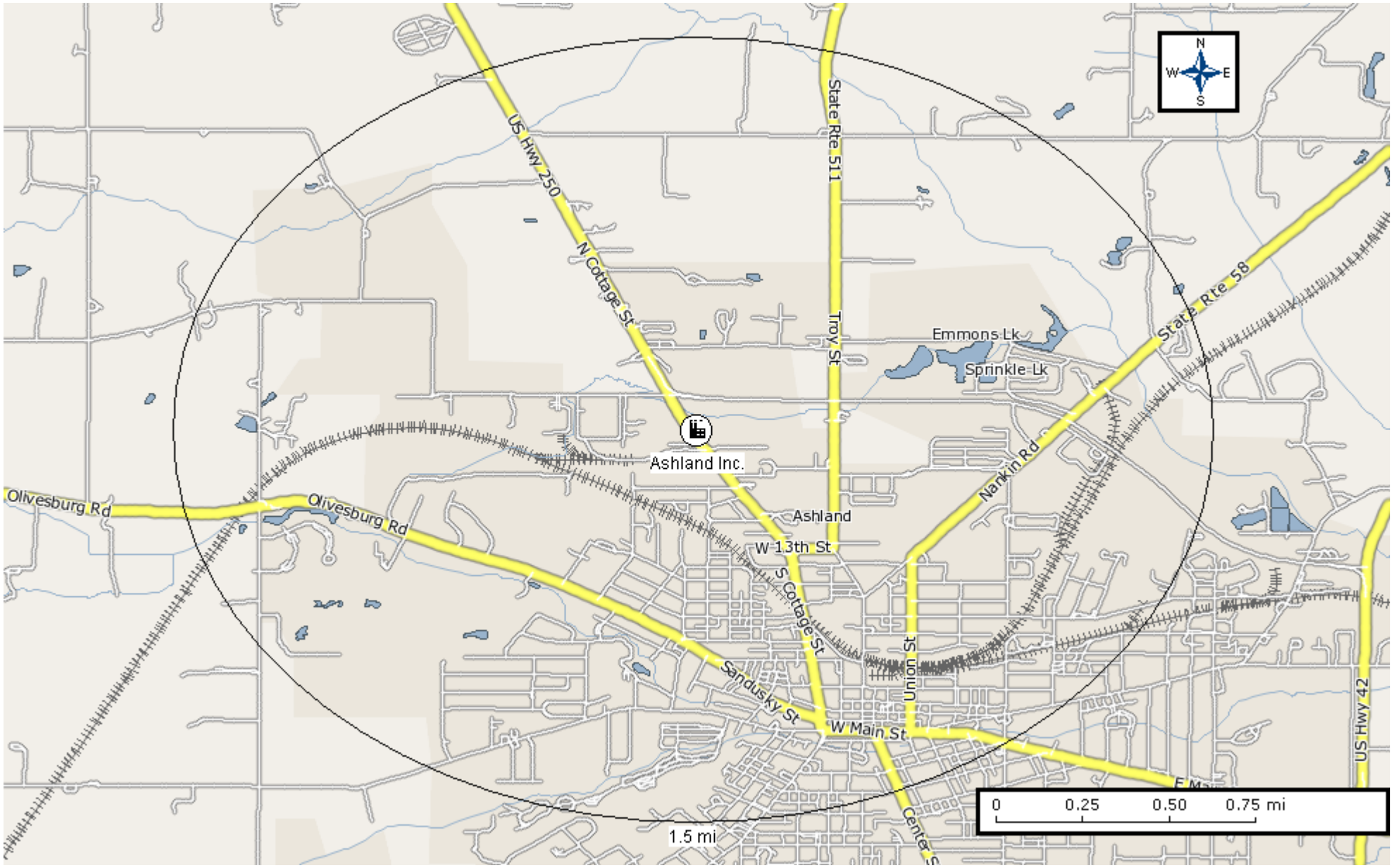
Michael Kennard

Name and official title of owner/operator OR owner/operator's authorized representative

Ashland Inc.
50-00-0 Formaldehyde 108-95-2 Phenol, Liquid
0.5 mile radius

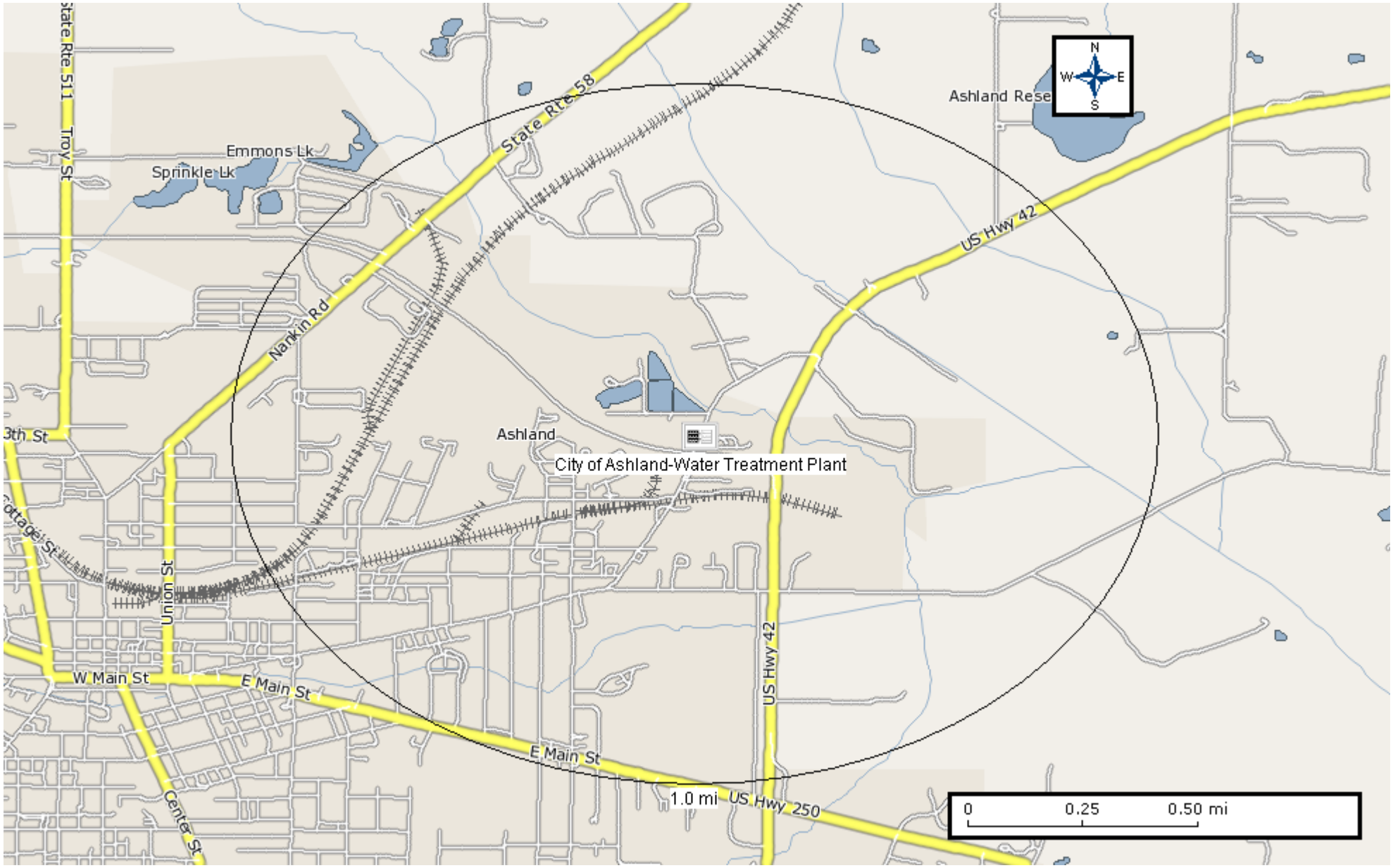


Ashland Inc.
50-00-0 Formaldehyde 108-95-2 Phenol, Liquid
1.0 mile radius

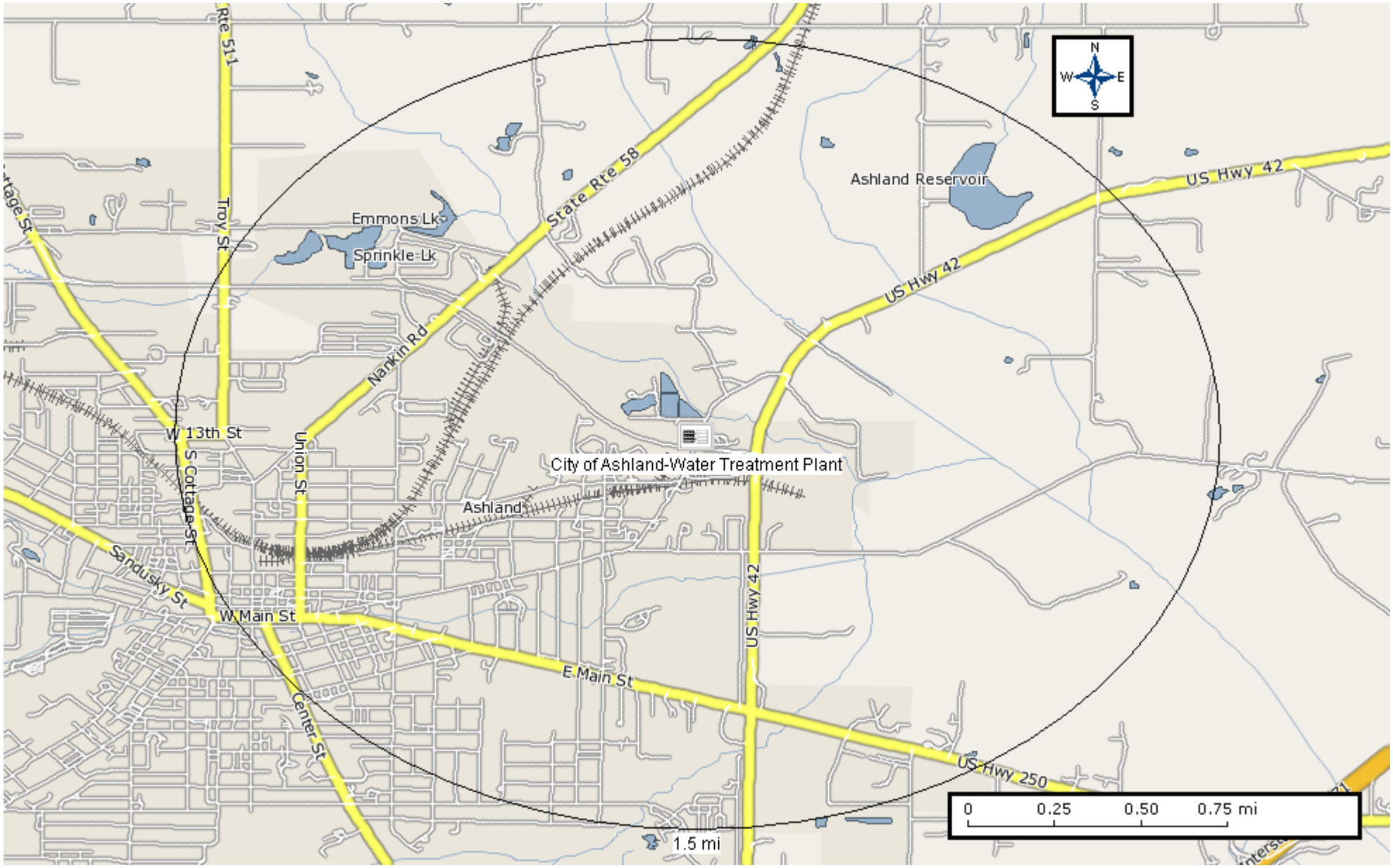


Ashland Inc.
50-00-0 Formaldehyde 108-95-2 Phenol, Liquid
1.5 mile radius

City of Ashland-Water Treatment Plant
7782-50-5 Chlorine gas
0.5 Mile radius

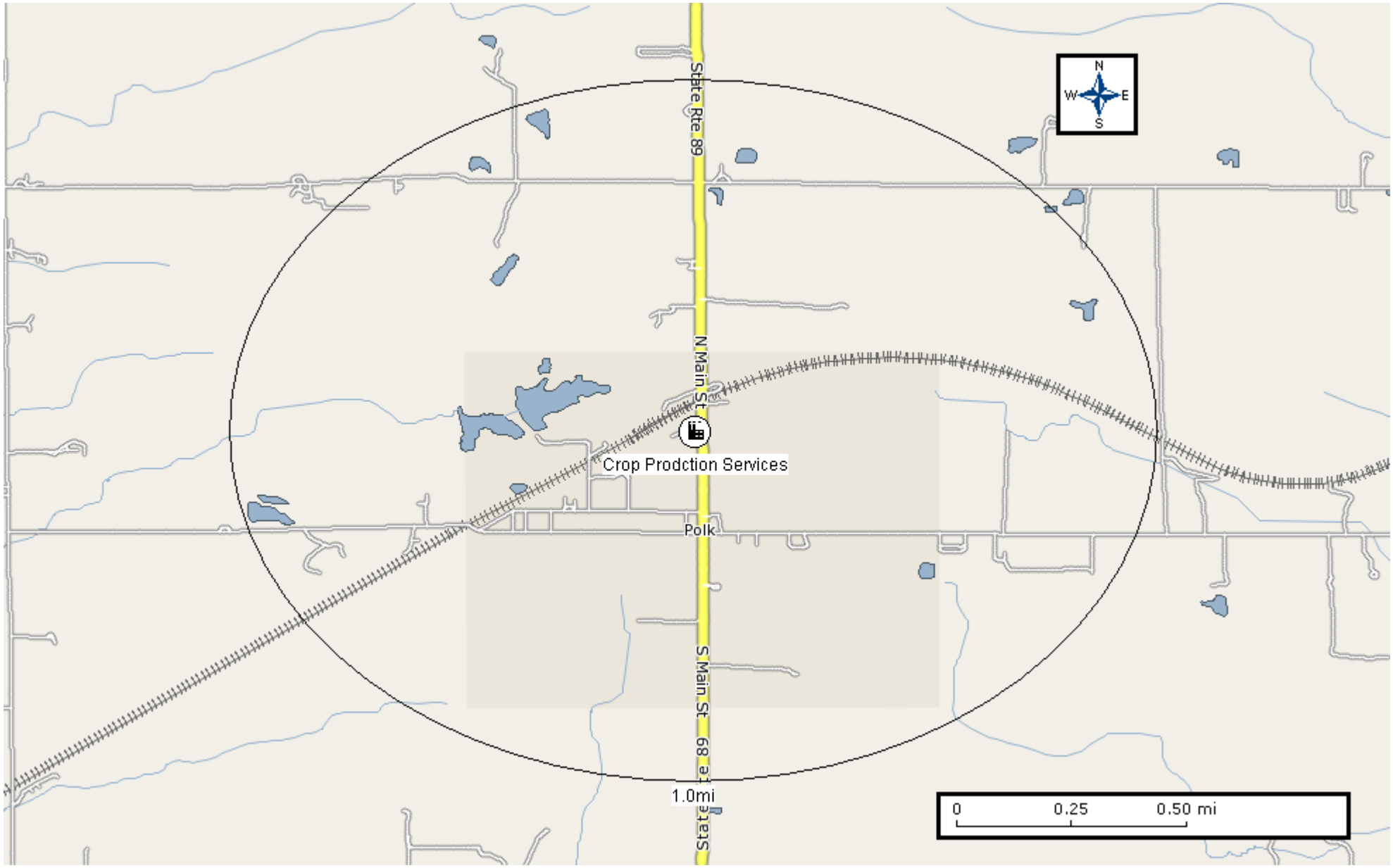


City of Ashland-Water Treatment Plant
7782-50-5 Chlorine gas
1.0 Mile radius

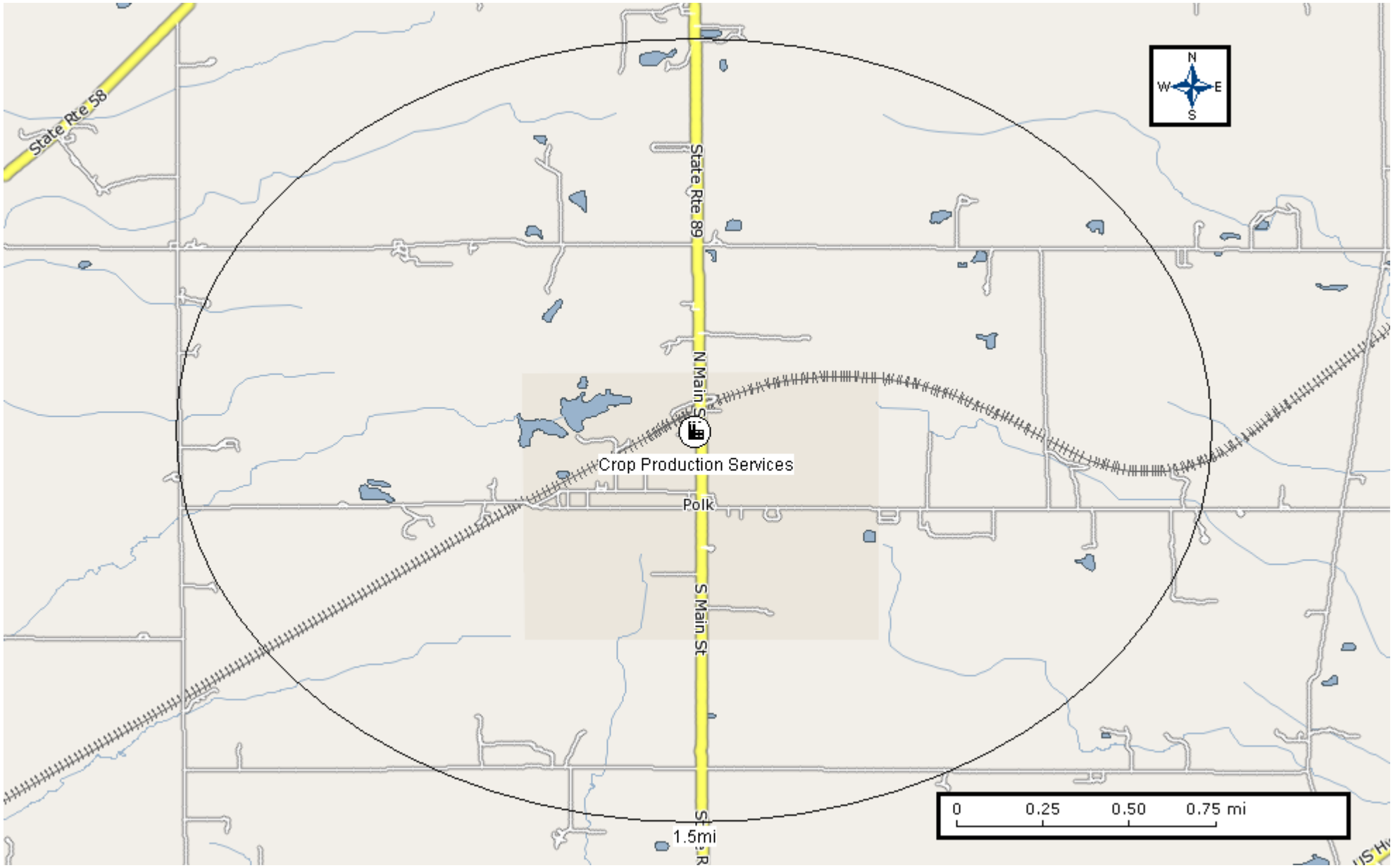


City of Ashland-Water Treatment Plant
7782-50-5 Chlorine gas
1.5 Mile radius

Crop Production Services
7664-41-7 Ammonia 1910-42-5 Paraquat
0.5 mile radius



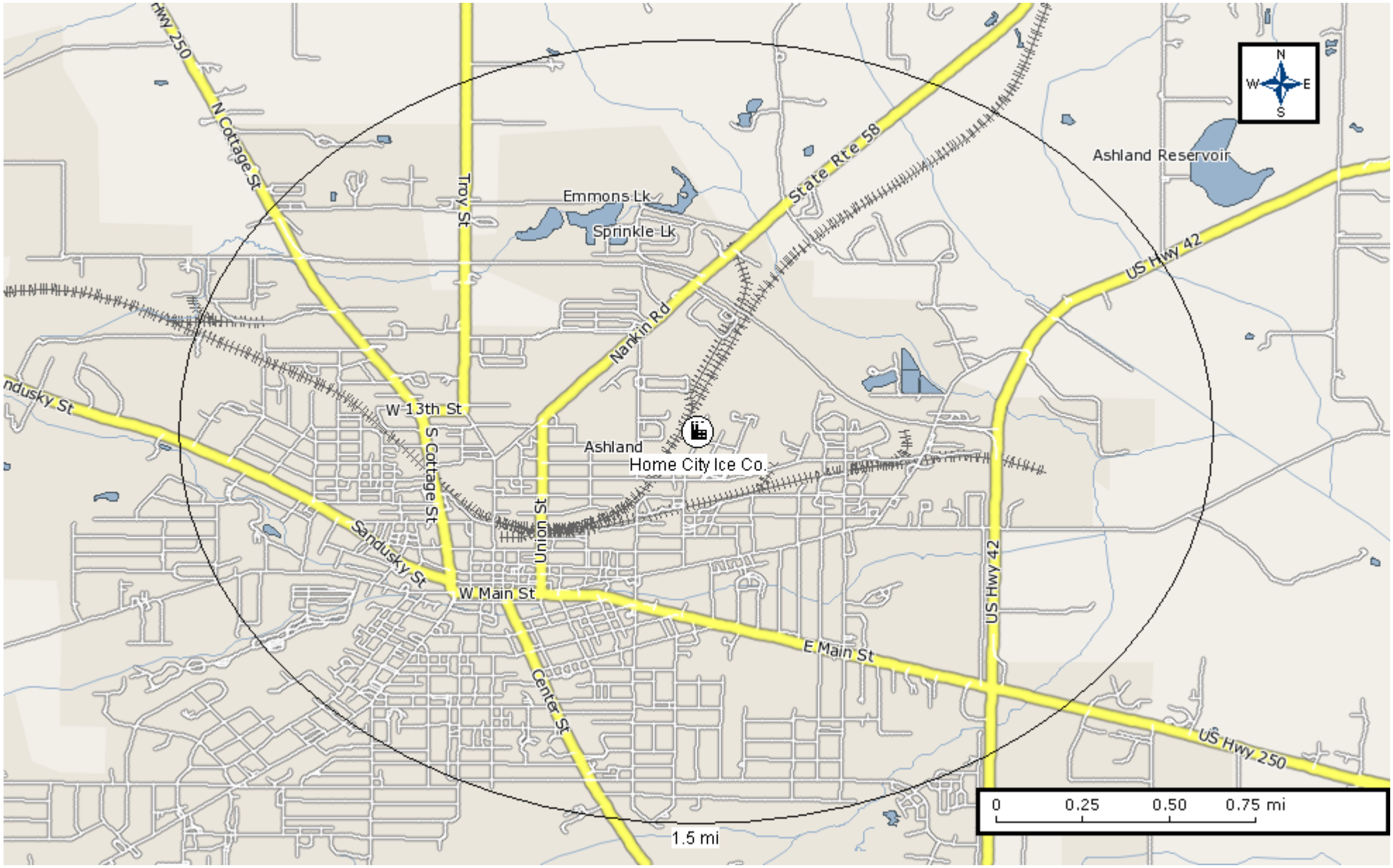
Crop Production Services
7664-41-7 Ammonia 1910-42-5 Paraquat
1.0 mile radius



Crop Production Services
7664-41-7 Ammonia 1910-42-5 Paraquat
1.5 mile radius

Home City Ice Co.
7664-41-7 Ammonia
0.5 Mile radius

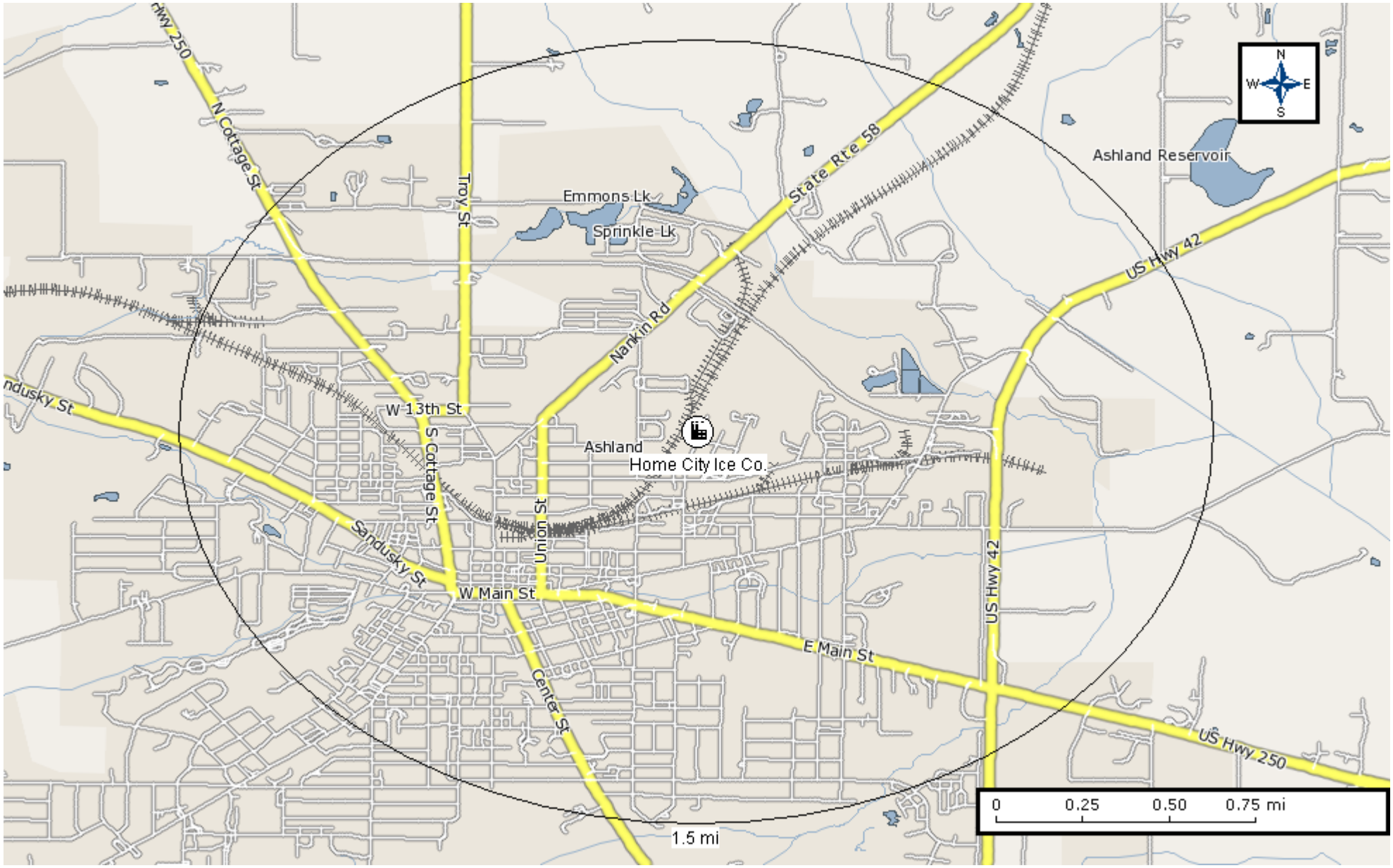
Home City Ice Co.
7664-41-7 Ammonia
1.0 Mile radius



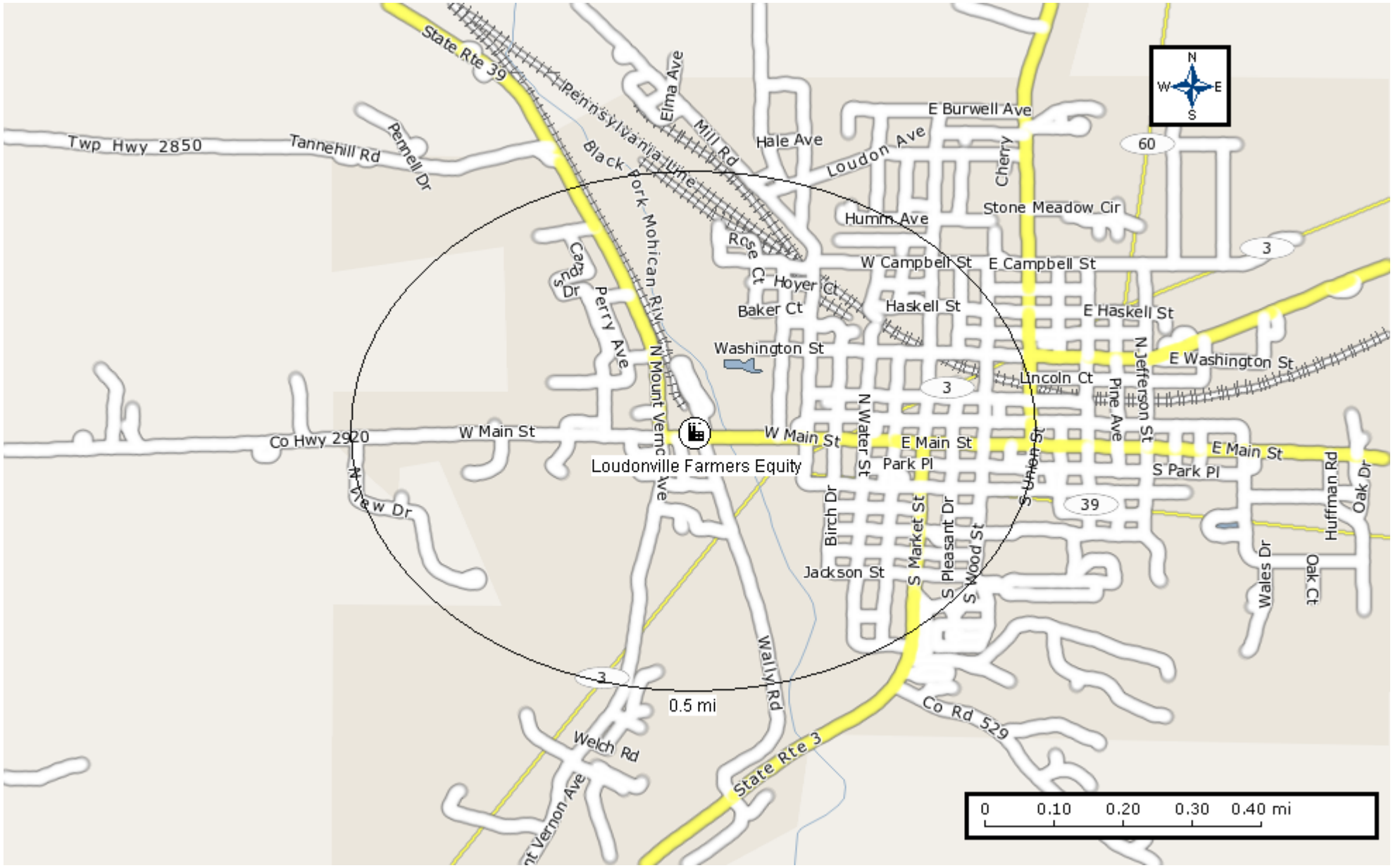
Home City Ice Co.
7664-41-7 Ammonia
1.5 Mile radius

Home City Ice Co.
7664-41-7 Ammonia
0.5 Mile radius

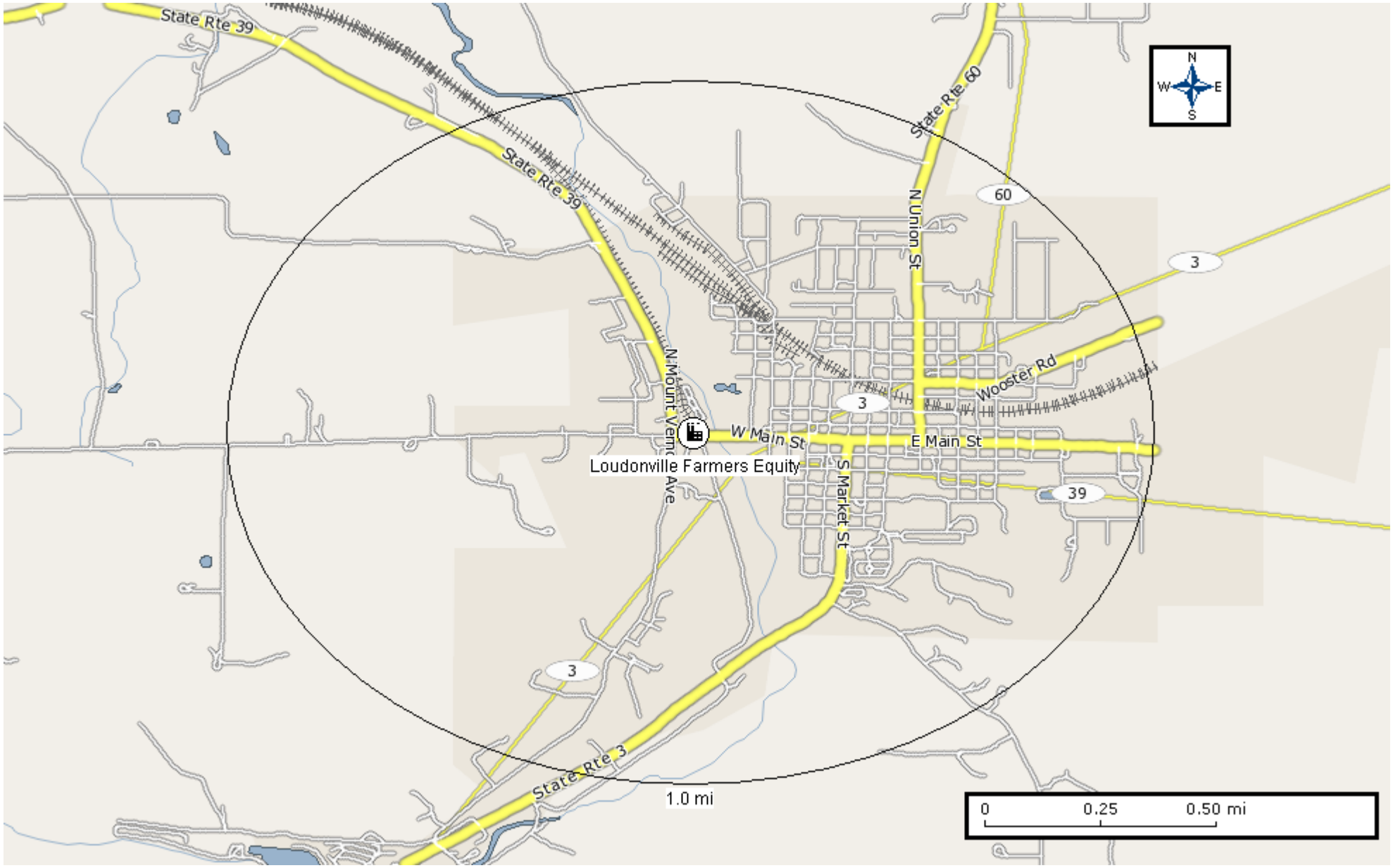
Home City Ice Co.
7664-41-7 Ammonia
1.0 Mile radius



Home City Ice Co.
7664-41-7 Ammonia
1.5 Mile radius

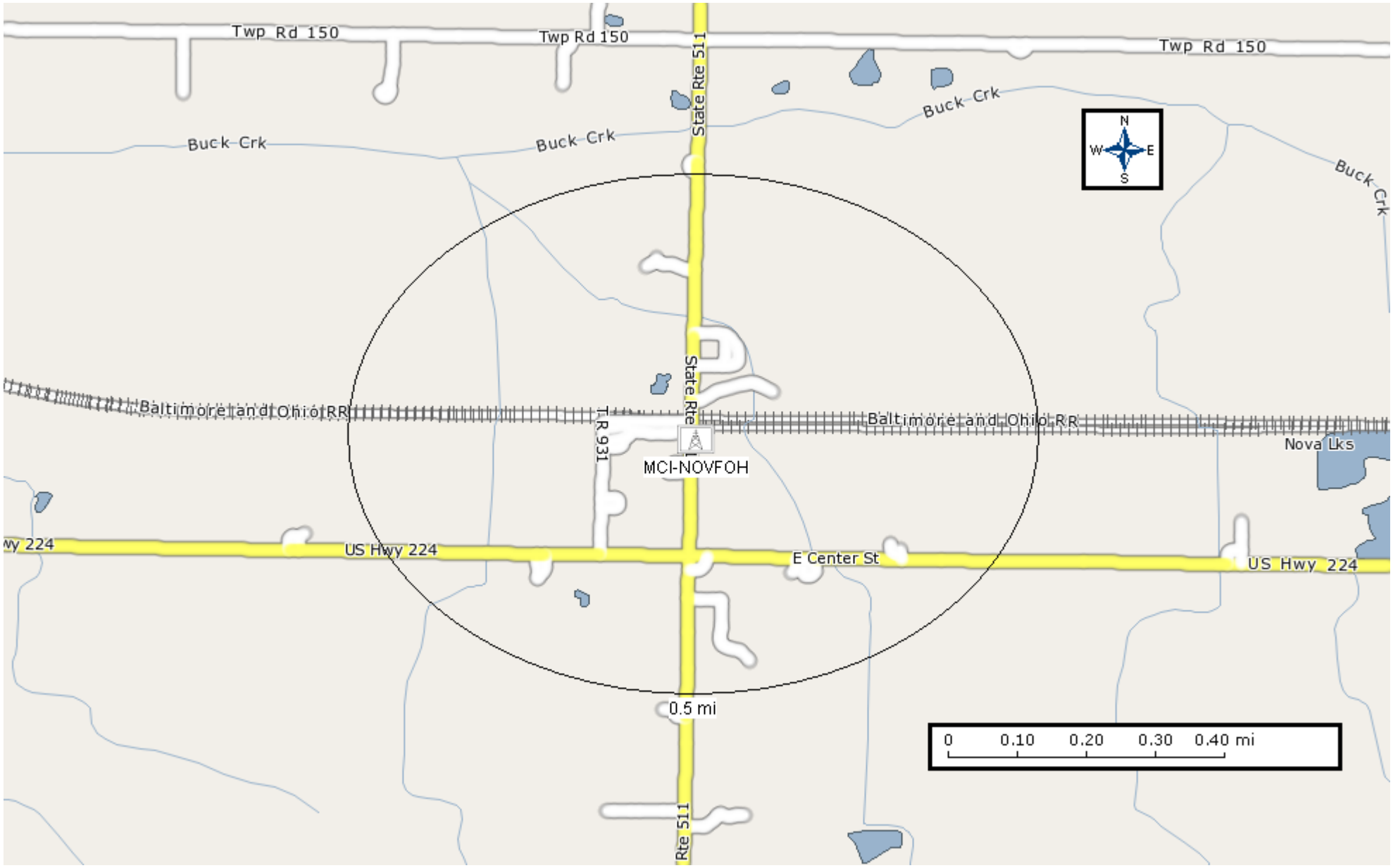


Loudonville Farmers Equity
50-00-0 Formaldehyde 1910-42-5 Paraquat
0.5 Mile radius

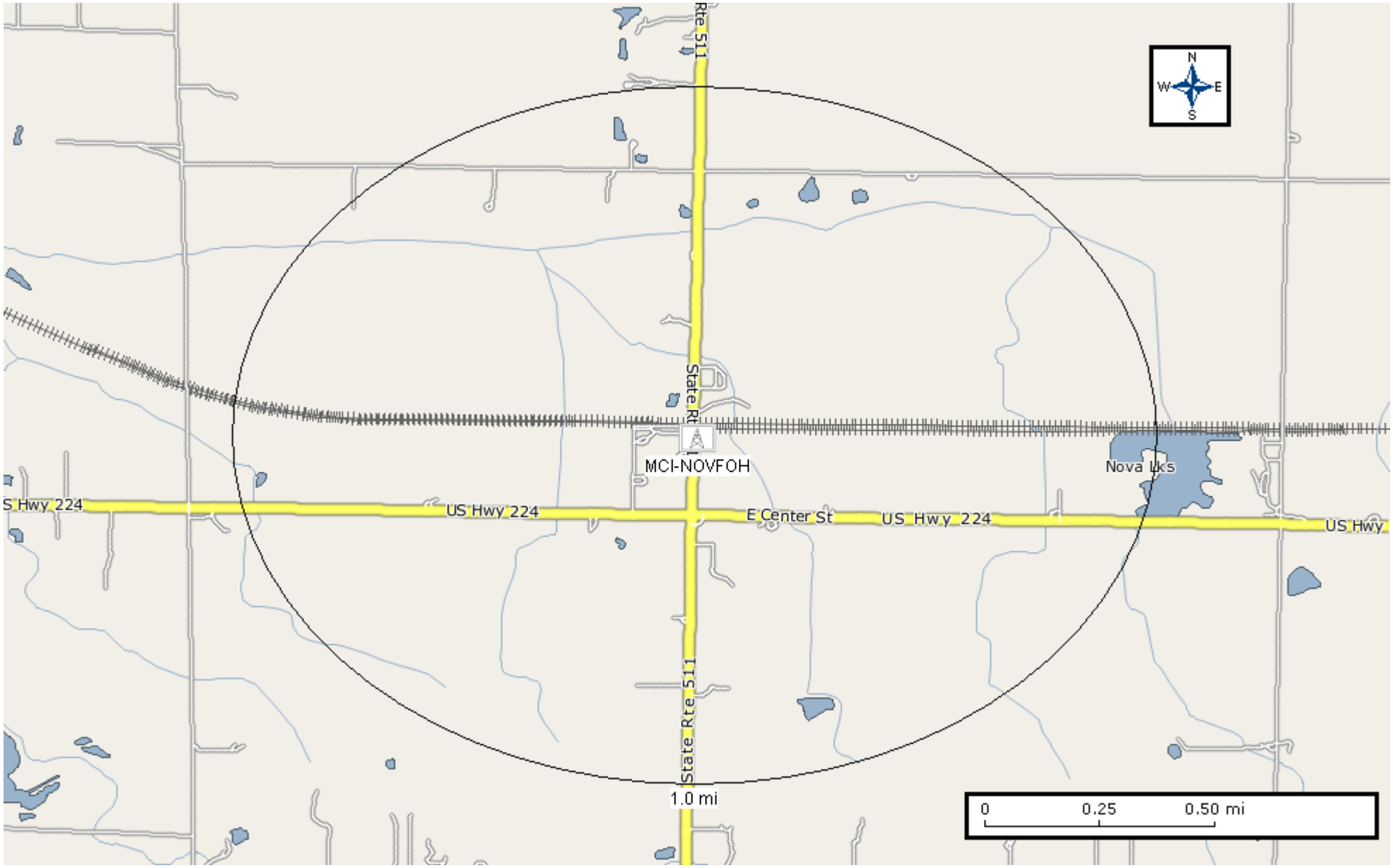


Loudonville Farmers Equity
50-00-0 Formaldehyde 1910-42-5 Paraquat
1.0 Mile radius

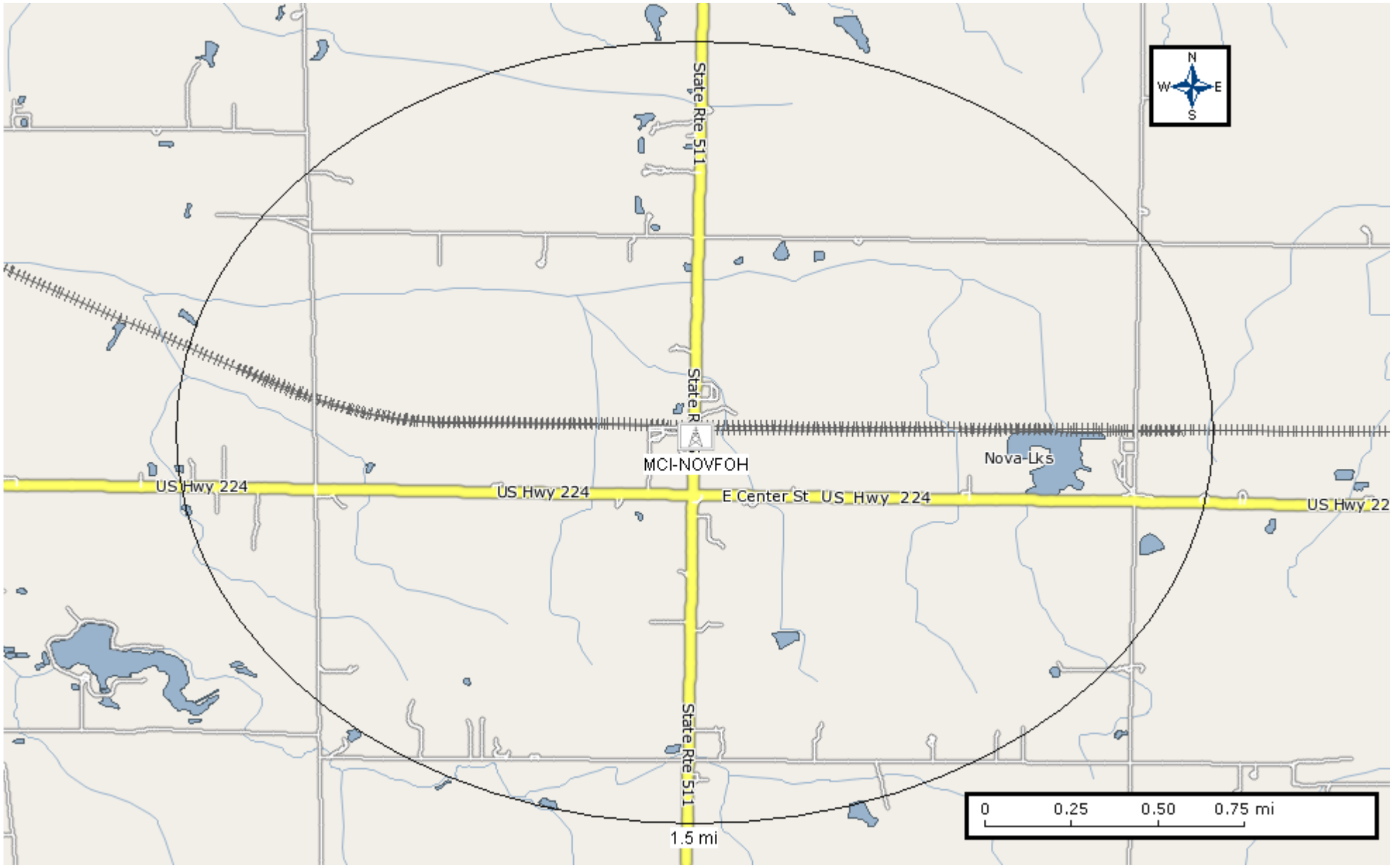
Loudonville Farmers Equity
50-00-0 Formaldehyde 1910-42-5 Paraquat
1.5 Mile radius



MCI-NOVFOH
7664-93-9 Sulfuric acid
0.5 Mile radius



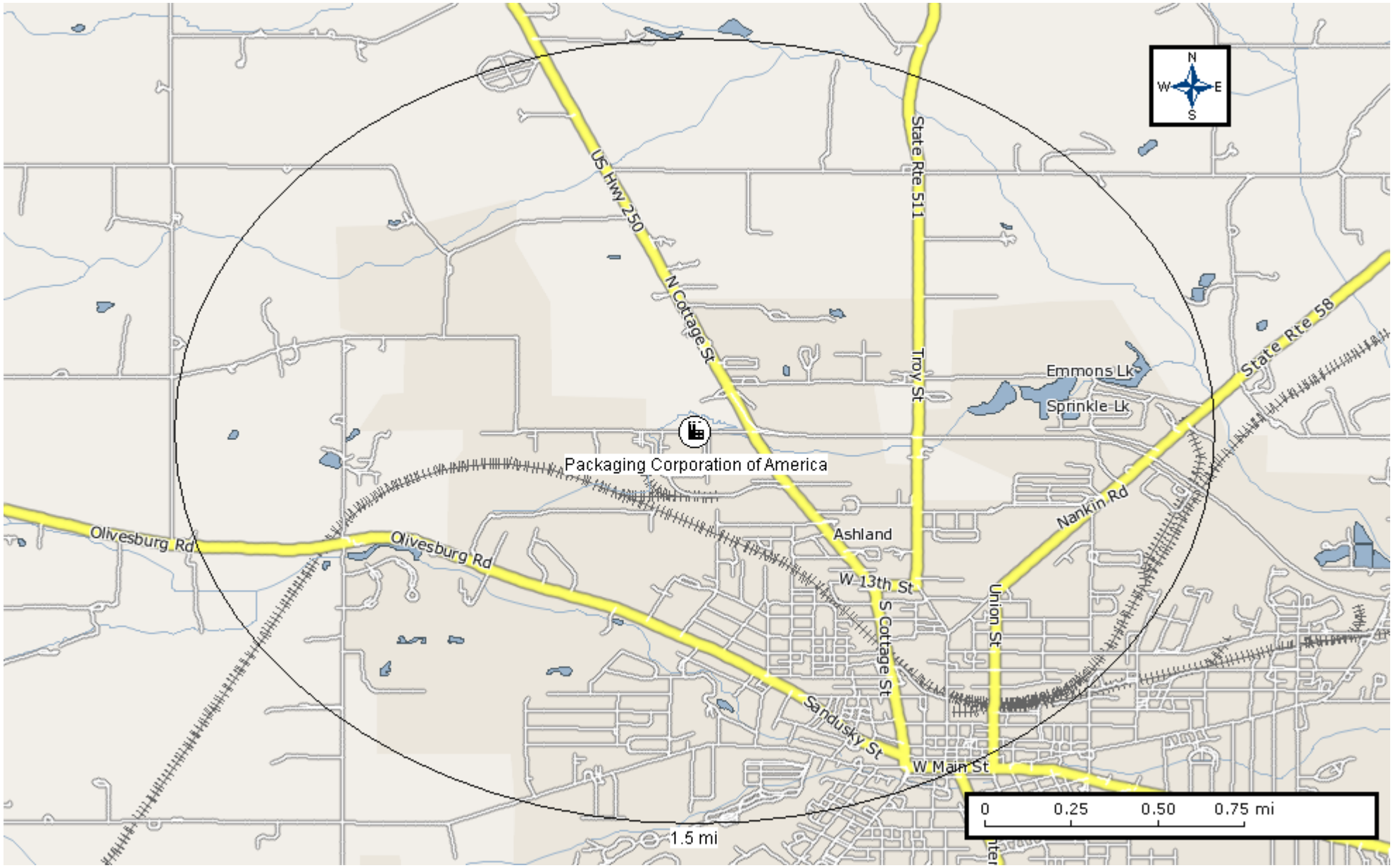
MCI-NOVFOH
7664-93-9 Sulfuric acid
1.0 Mile radius



MCI-NOVFOH
7664-93-9 Sulfuric acid
1.5 Mile radius

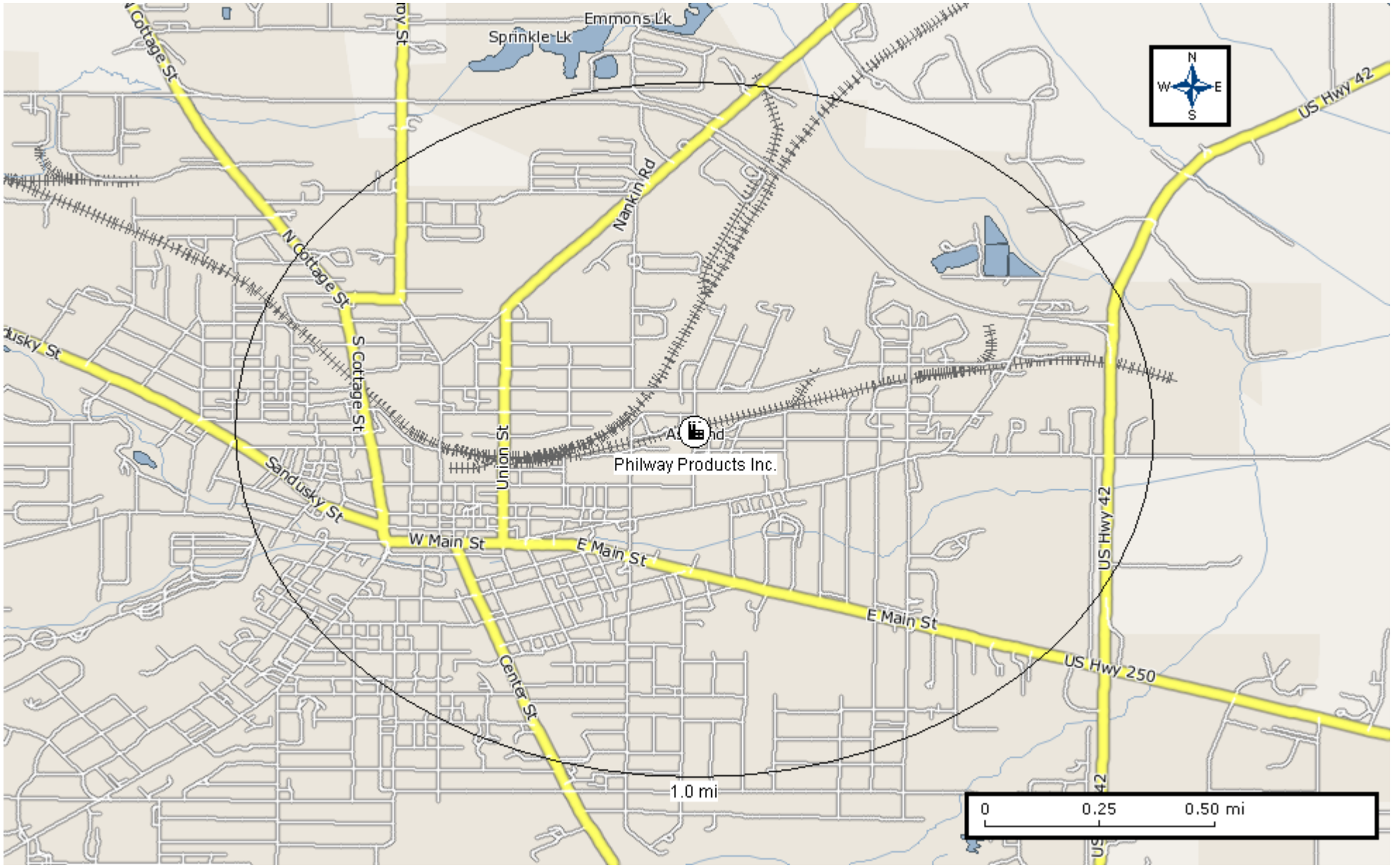
Packaging Corporation of America
7664-93-9 Sulfuric acid
0.5 Mile radius

Packaging Corporation of America
7664-93-9 Sulfuric acid
1.0 Mile radius

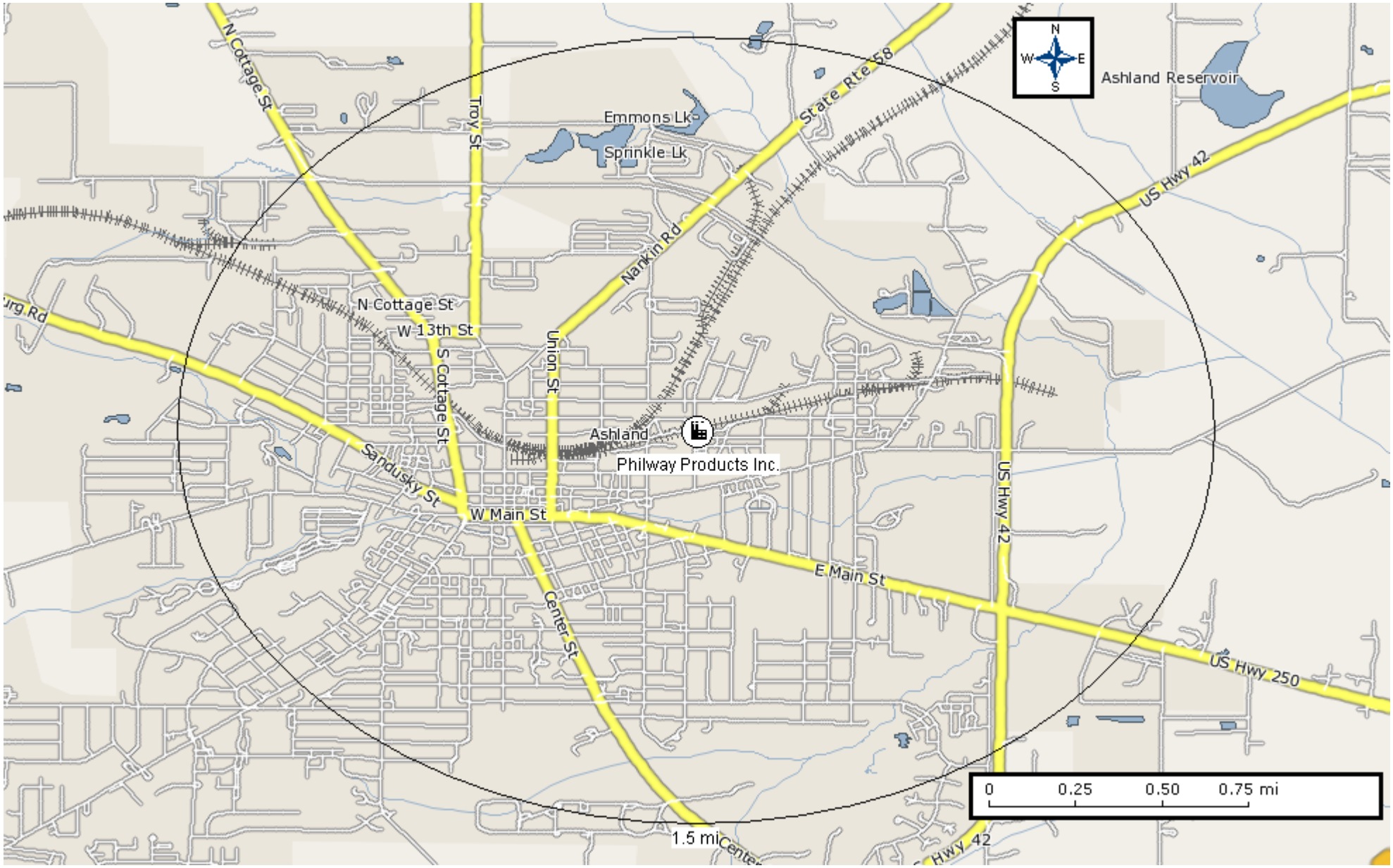


Packaging Corporation of America
7664-93-9 Sulfuric acid
1.5 Mile radius

Philway Products Inc.
7664-93-9 Sulfuric acid 50-00-0 Formaldehyde 7664-41-7 Ammonia 7697-37-2 Nitric acid
0.5 Mile radius

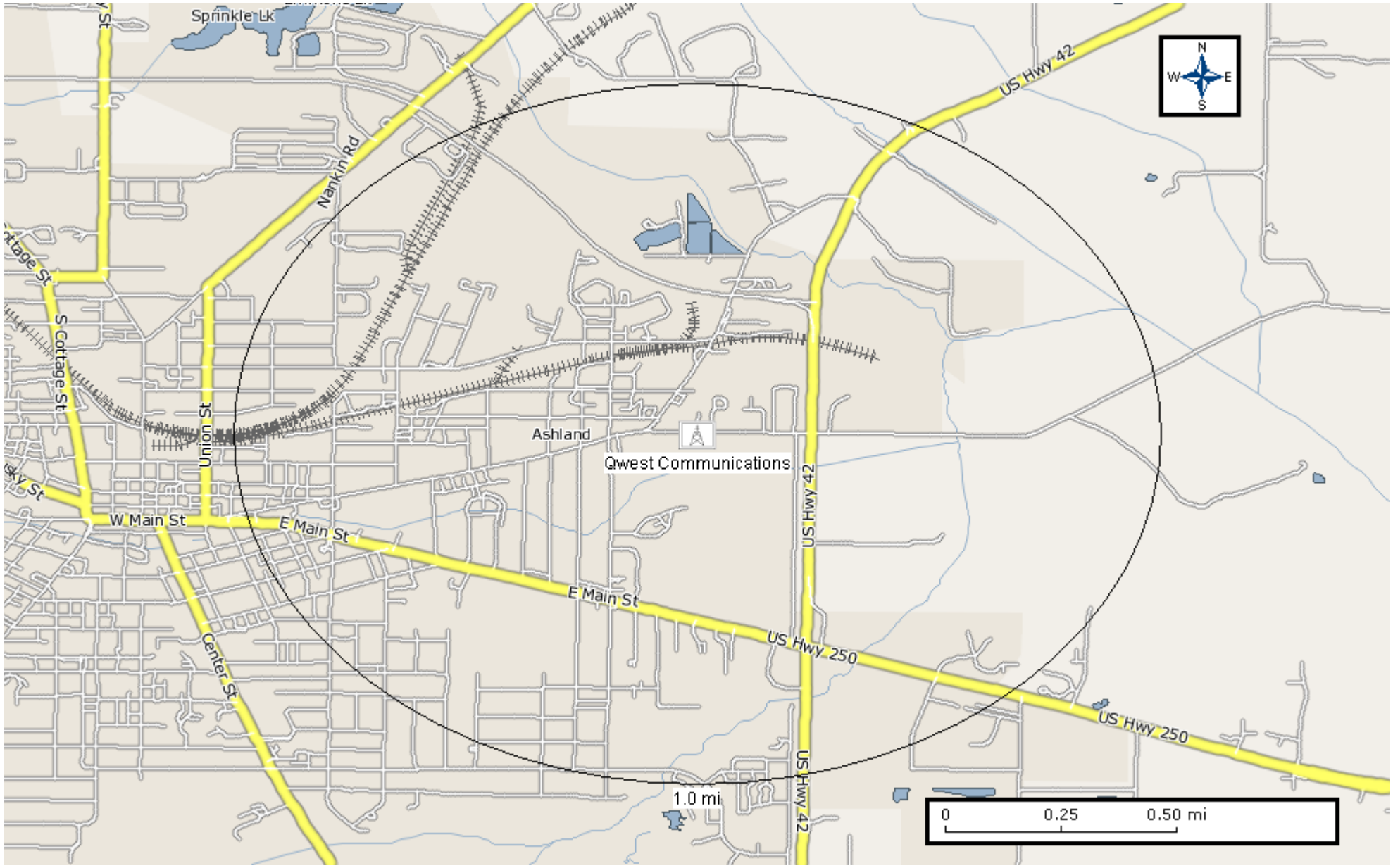


Philway Products Inc.
7664-93-9 Sulfuric acid 50-00-0 Formaldehyde 7664-41-7 Ammonia 7697-37-2 Nitric acid
1.0 Mile radius

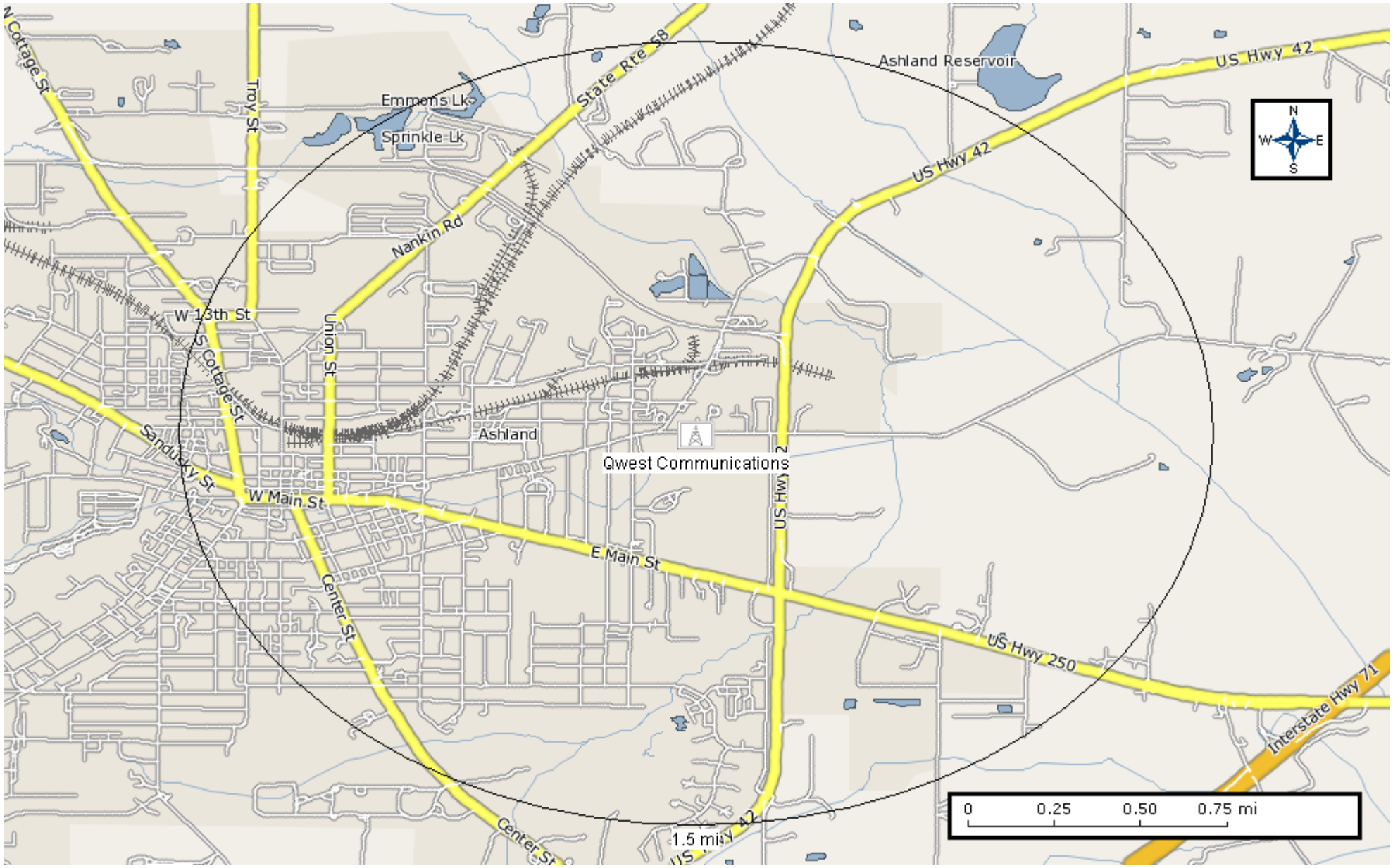


Philway Products Inc.
7664-93-9 Sulfuric acid 50-00-0 Formaldehyde 7664-41-7 Ammonia 7697-37-2 Nitric acid
1.5 Mile radius

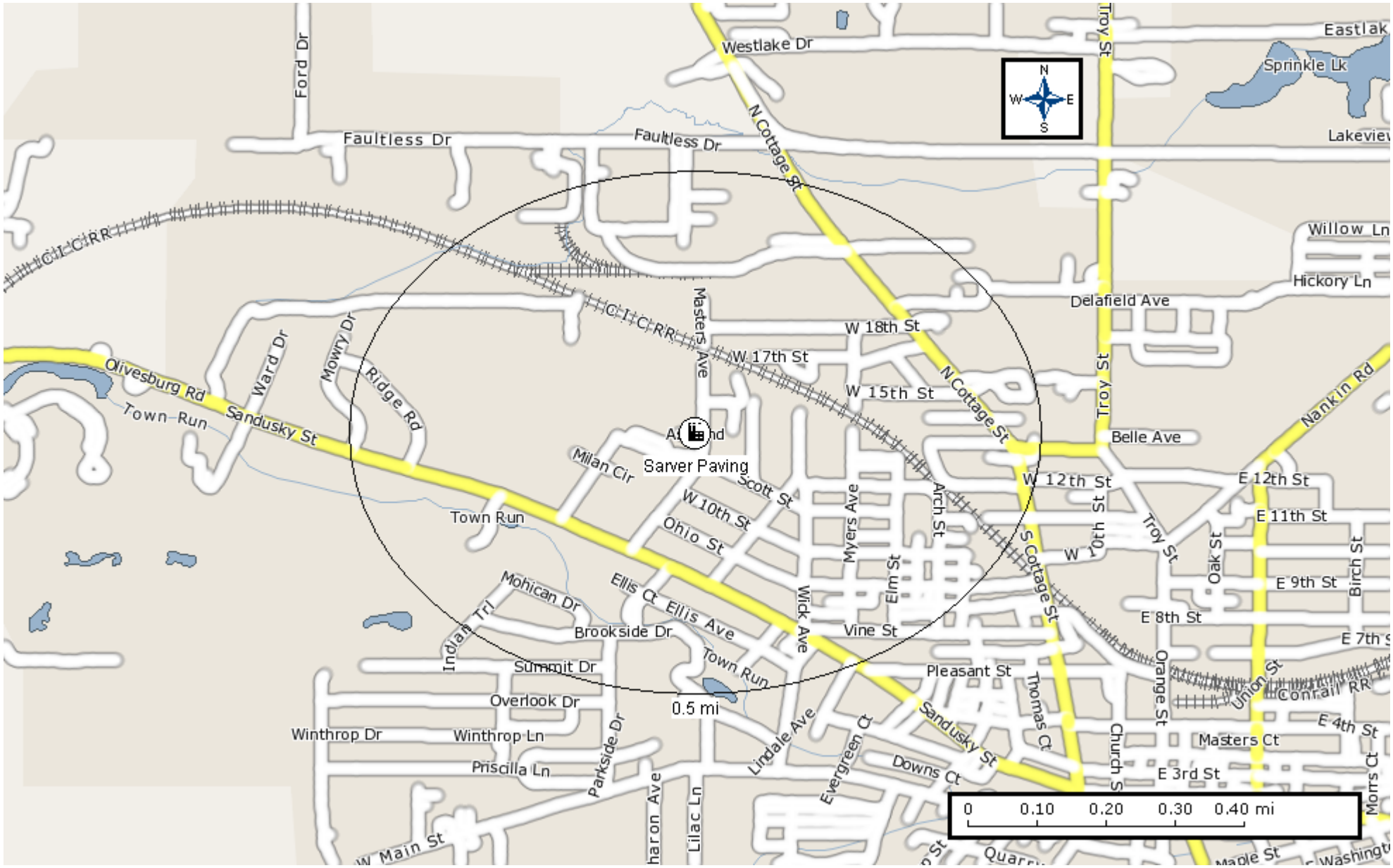
Qwest Communications - Communication Tower
7664-93-9 Sulfuric acid
0.5 Mile radius



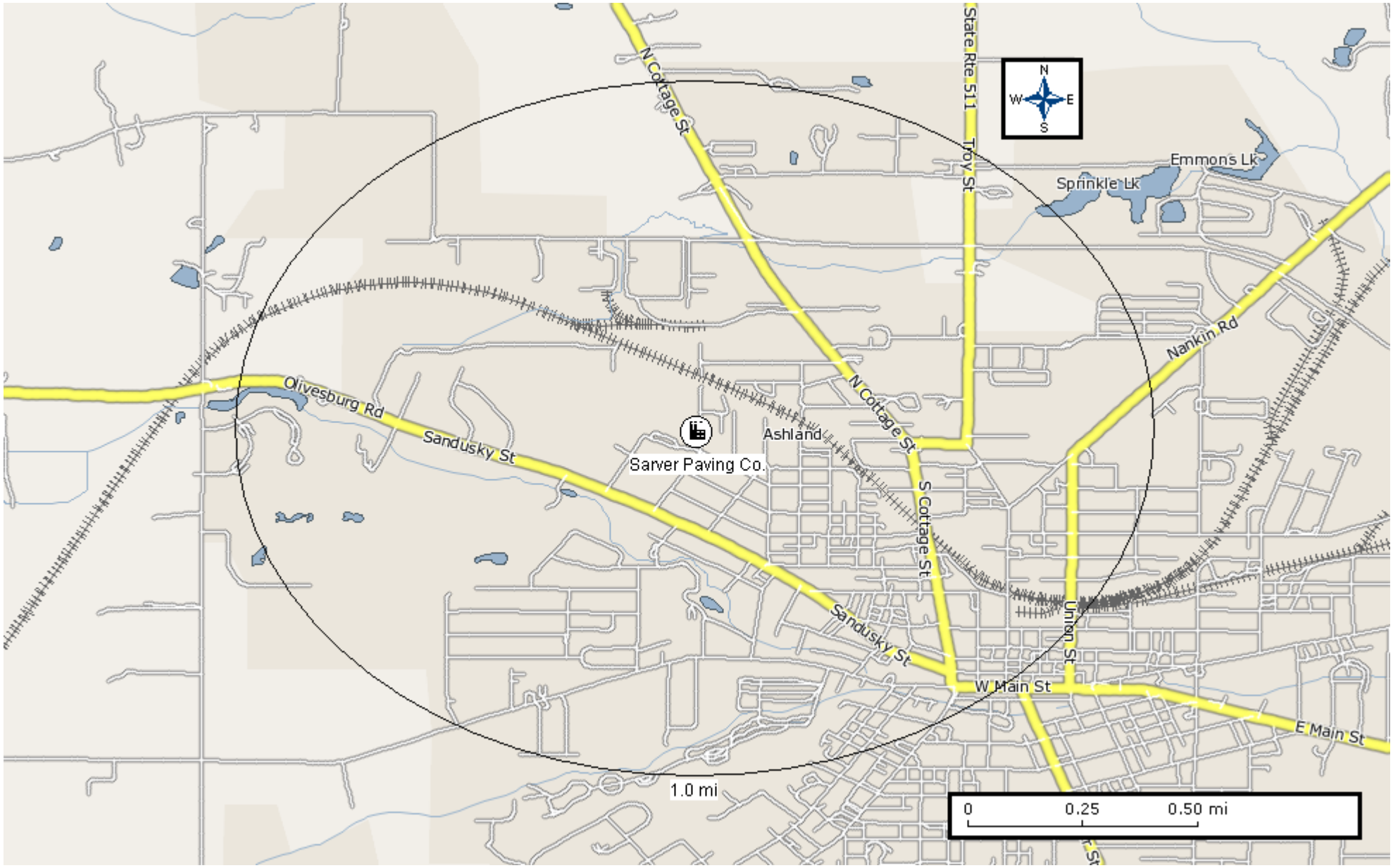
Qwest Communications - Communication Tower
7664-93-9 Sulfuric acid
1.0 Mile radius



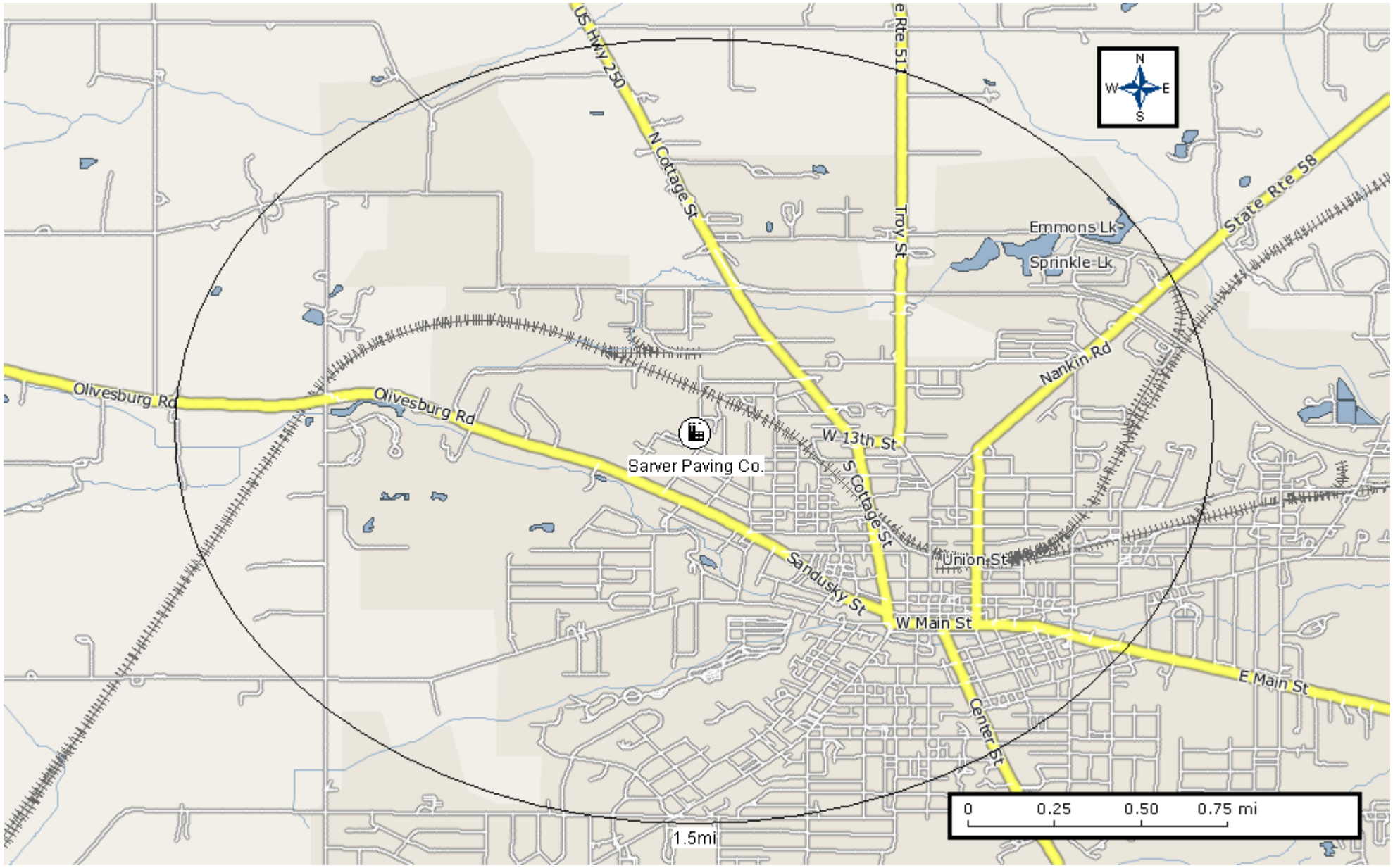
Qwest Communications - Communication Tower
7664-93-9 Sulfuric acid
1.5 Mile radius



Sarver Paving Co.
7783-06-4 Hydrogen sulfide
0.5 Mile radius



Sarver Paving Co.
7783-06-4 Hydrogen sulfide
1.0 Mile radius



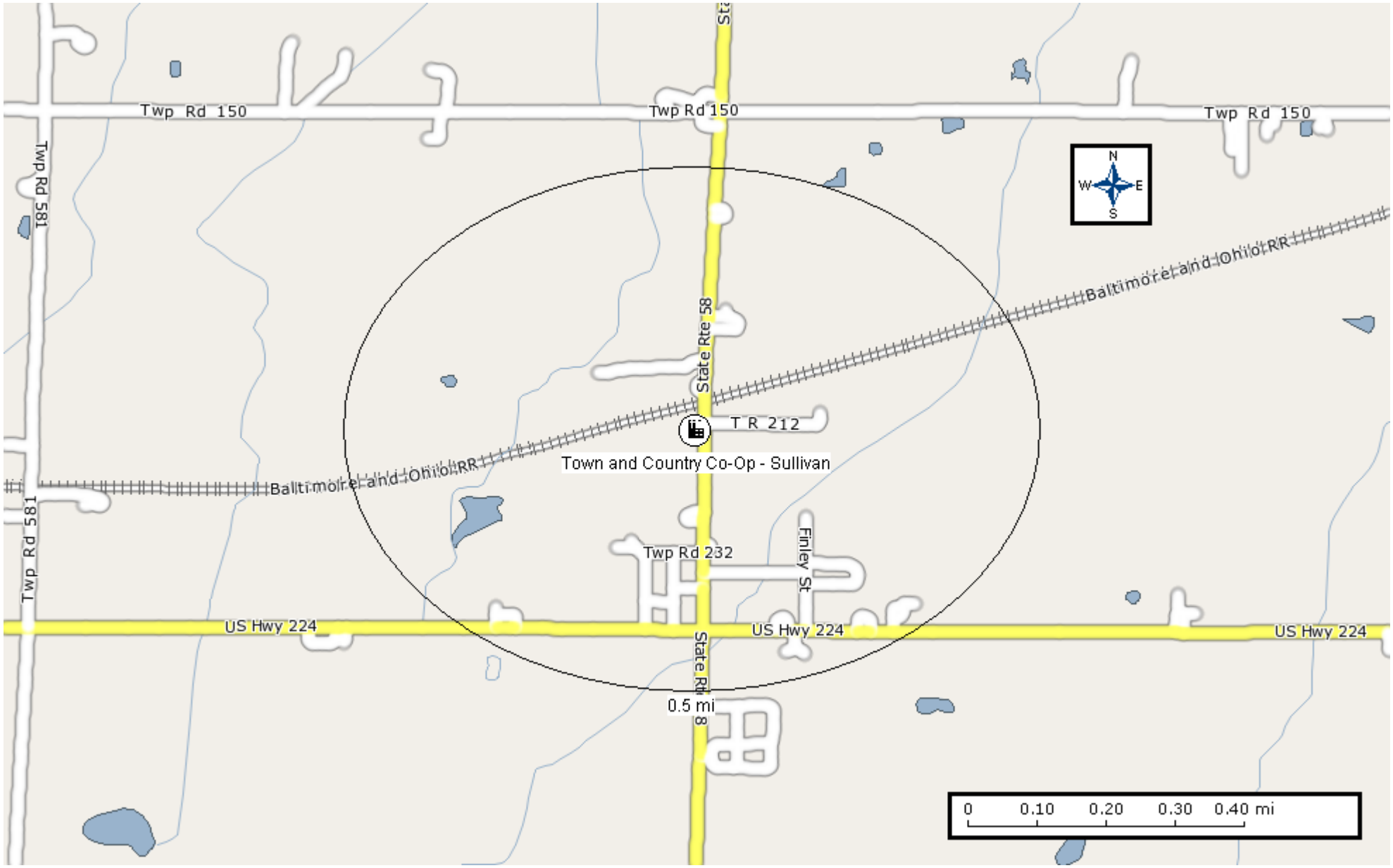
Sarver Paving Co.
7783-06-4 Hydrogen sulfide
1.5 Mile radius

Town and Country Co-Op - Ashland County
1910-42-5 Paraquat
0.5 Mile radius

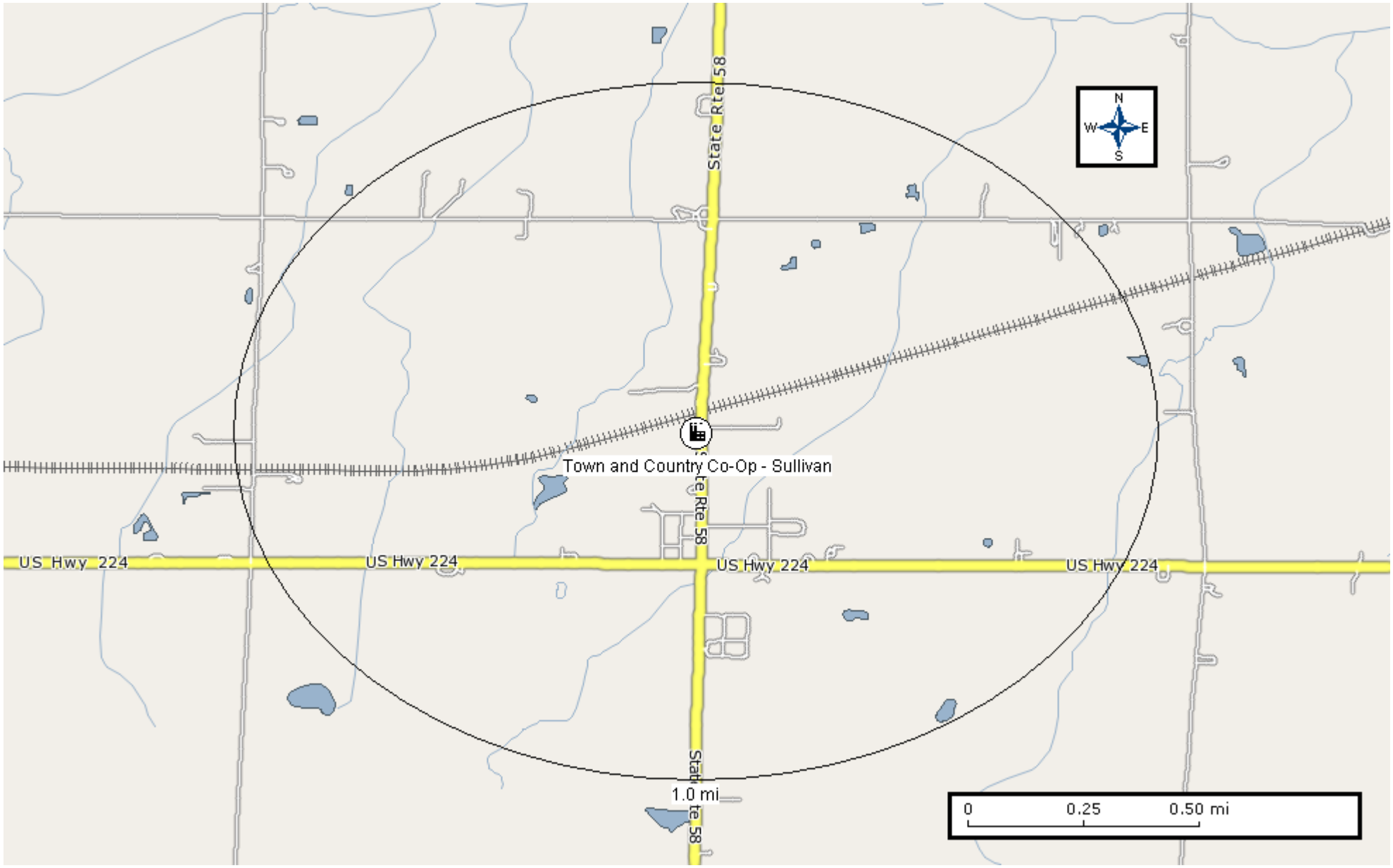
Town and Country Co-Op - Ashland County
1910-42-5 Paraquat
1.0 Mile radius

T

Town and Country Co-Op - Ashland County
1910-42-5 Paraquat
1.5 Mile radius



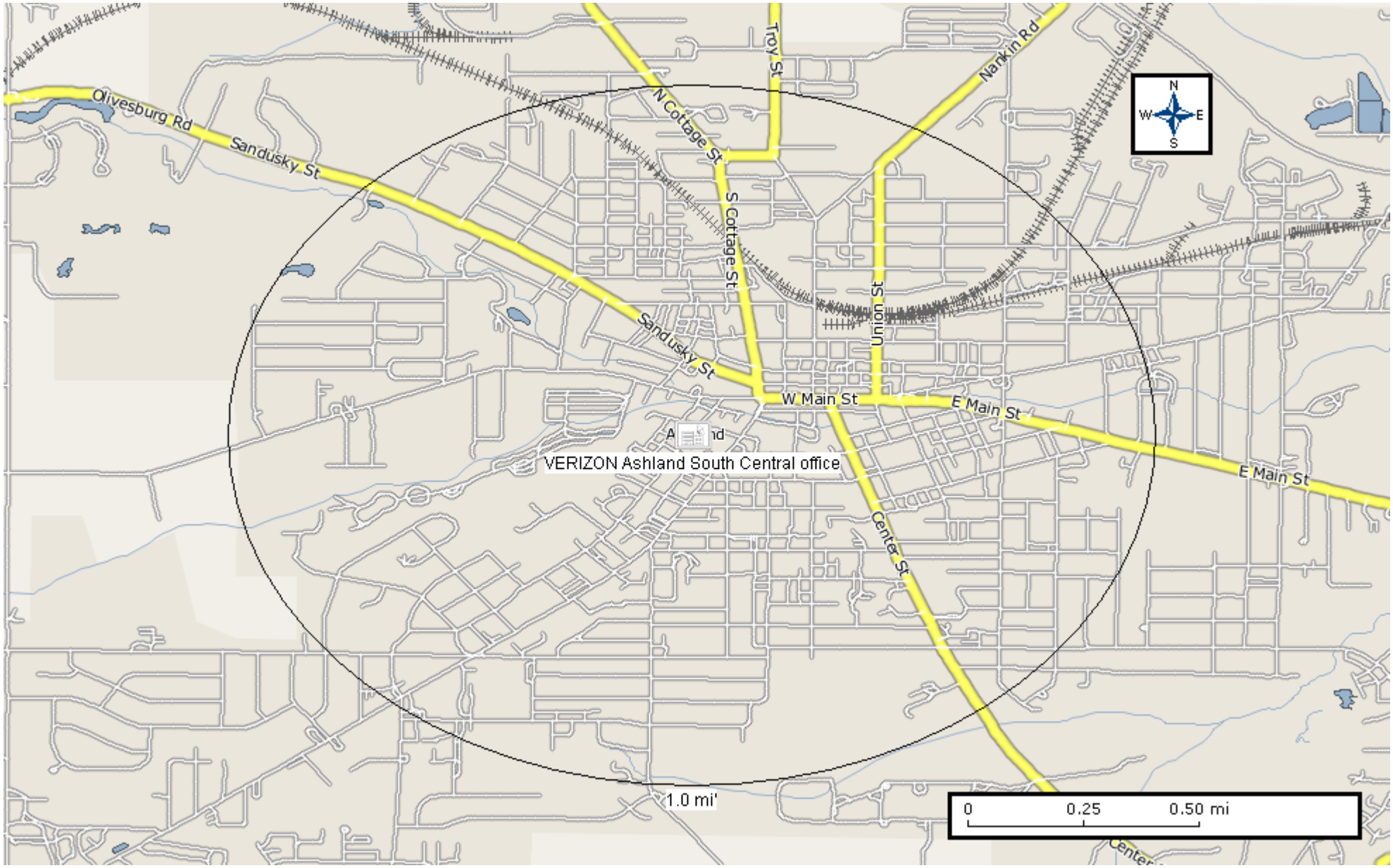
Town and Country Co-Op – Sullivan
7664-41-7 Ammonia 1910-42-5 Paraquat
0.5 Mile radius



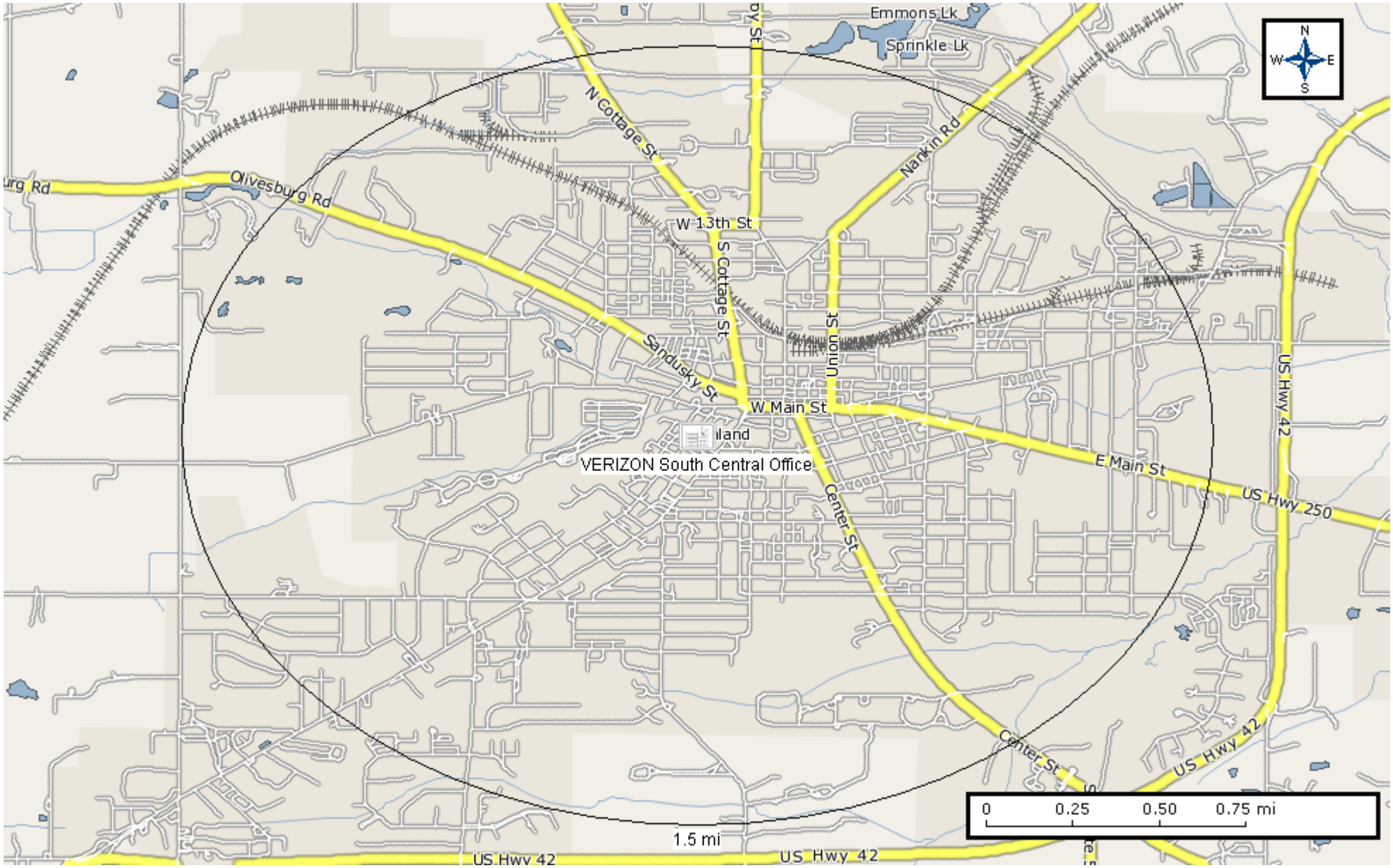
Town and Country Co-Op – Sullivan
7664-41-7 Ammonia 1910-42-5 Paraquat
1.0 Mile radius

Town and Country Co-Op – Sullivan
7664-41-7 Ammonia 1910-42-5 Paraquat
1.5 Mile radius

VERIZON Ashland South Central Office
7664-93-9 Sulfuric acid
0.5 Mile radius



VERIZON Ashland South Central Office
7664-93-9 Sulfuric acid
1.0 Mile radius



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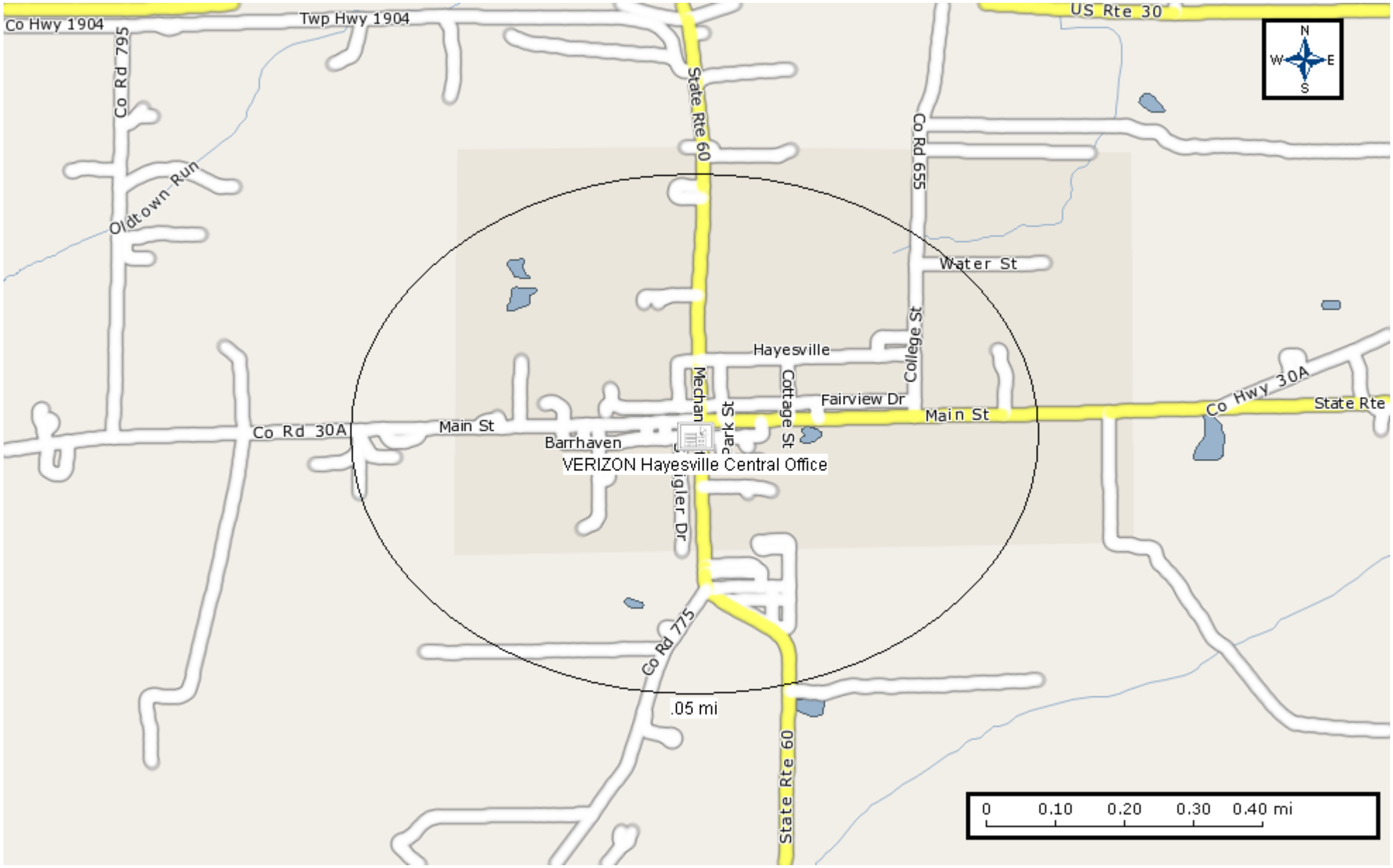
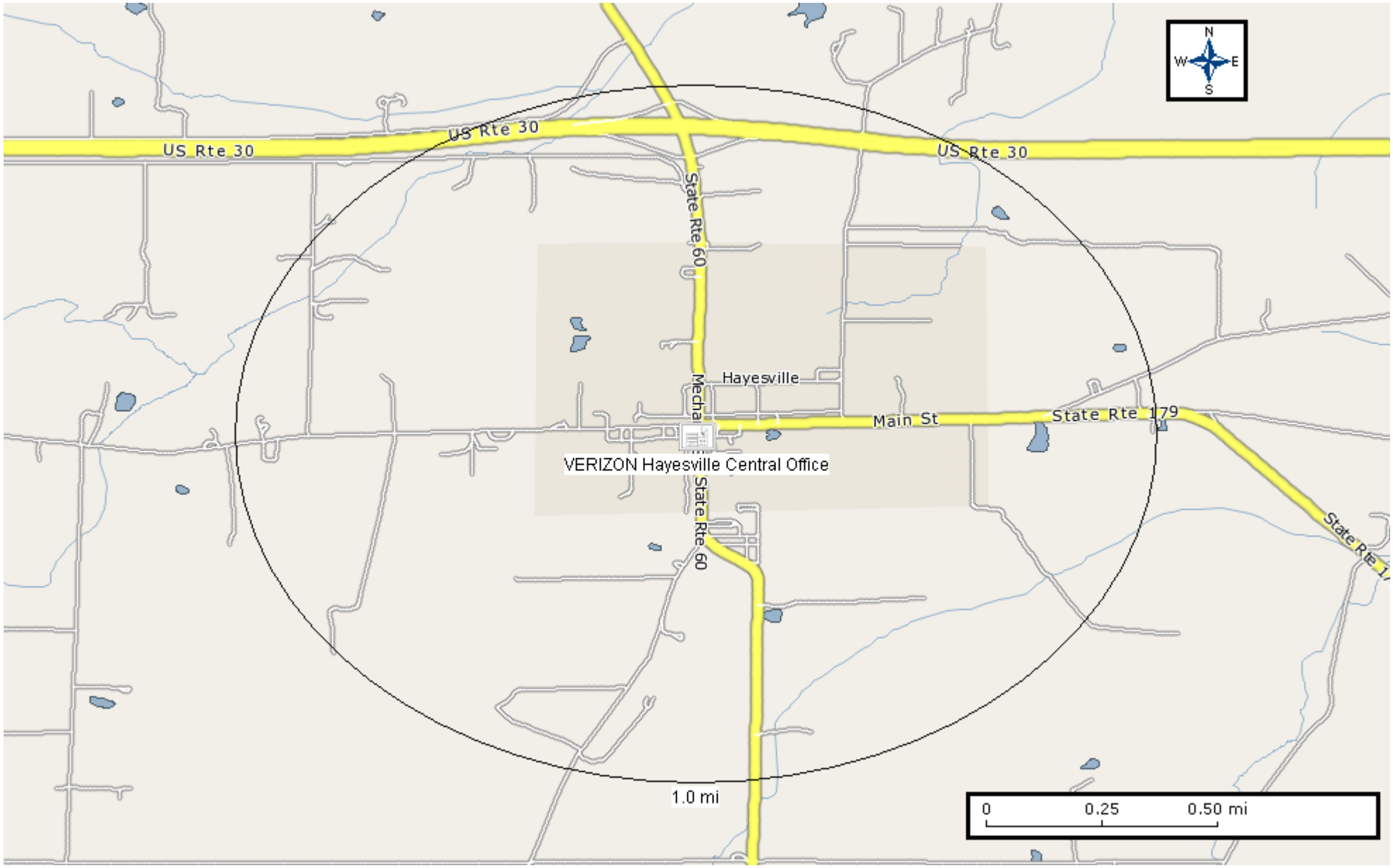
7664-93-9 Sulfuric Acid
1.5 Mile radius



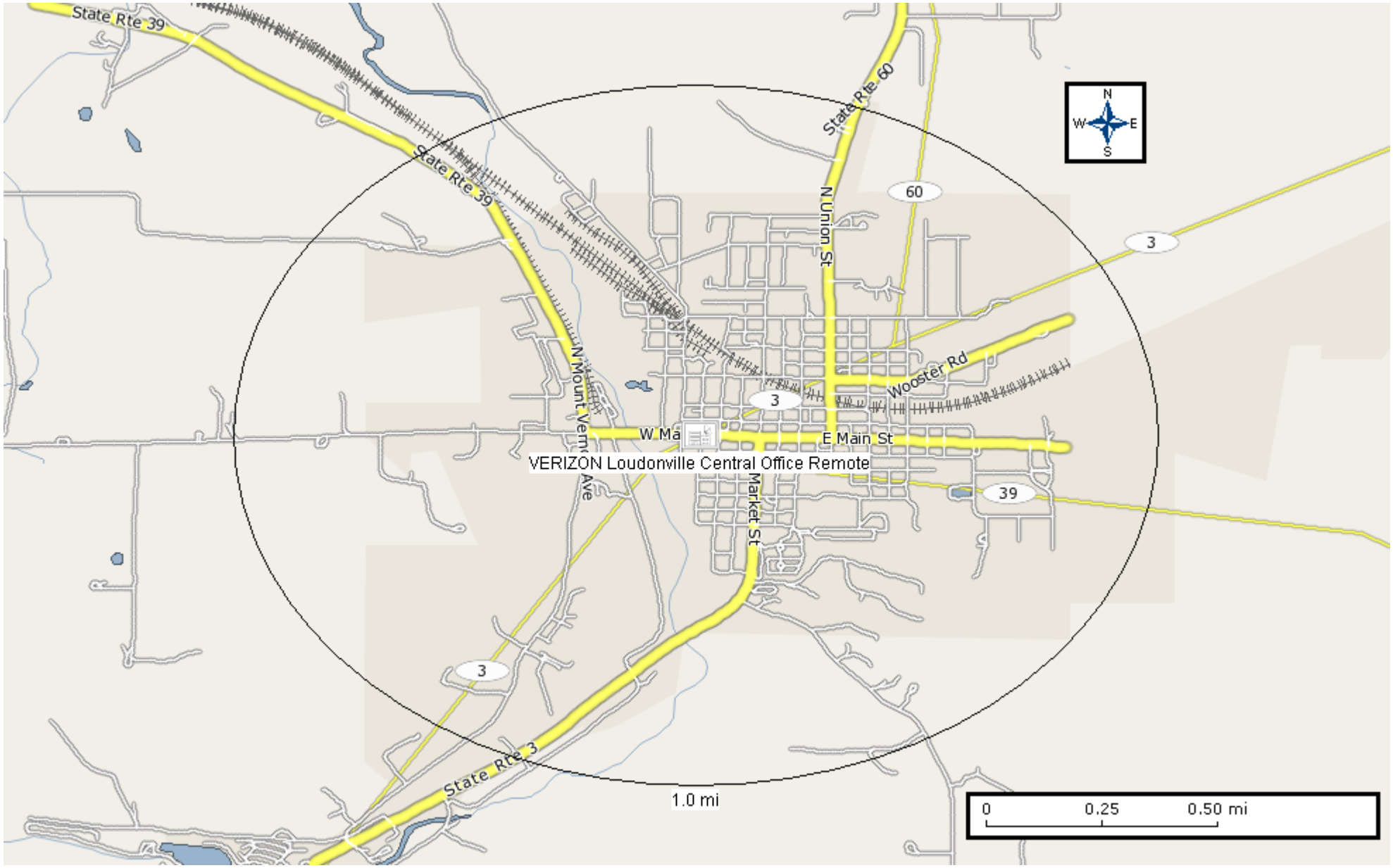
Verizon Hayesville Central Office
7664-93-9 Sulfuric acid
0.5 Mile radius



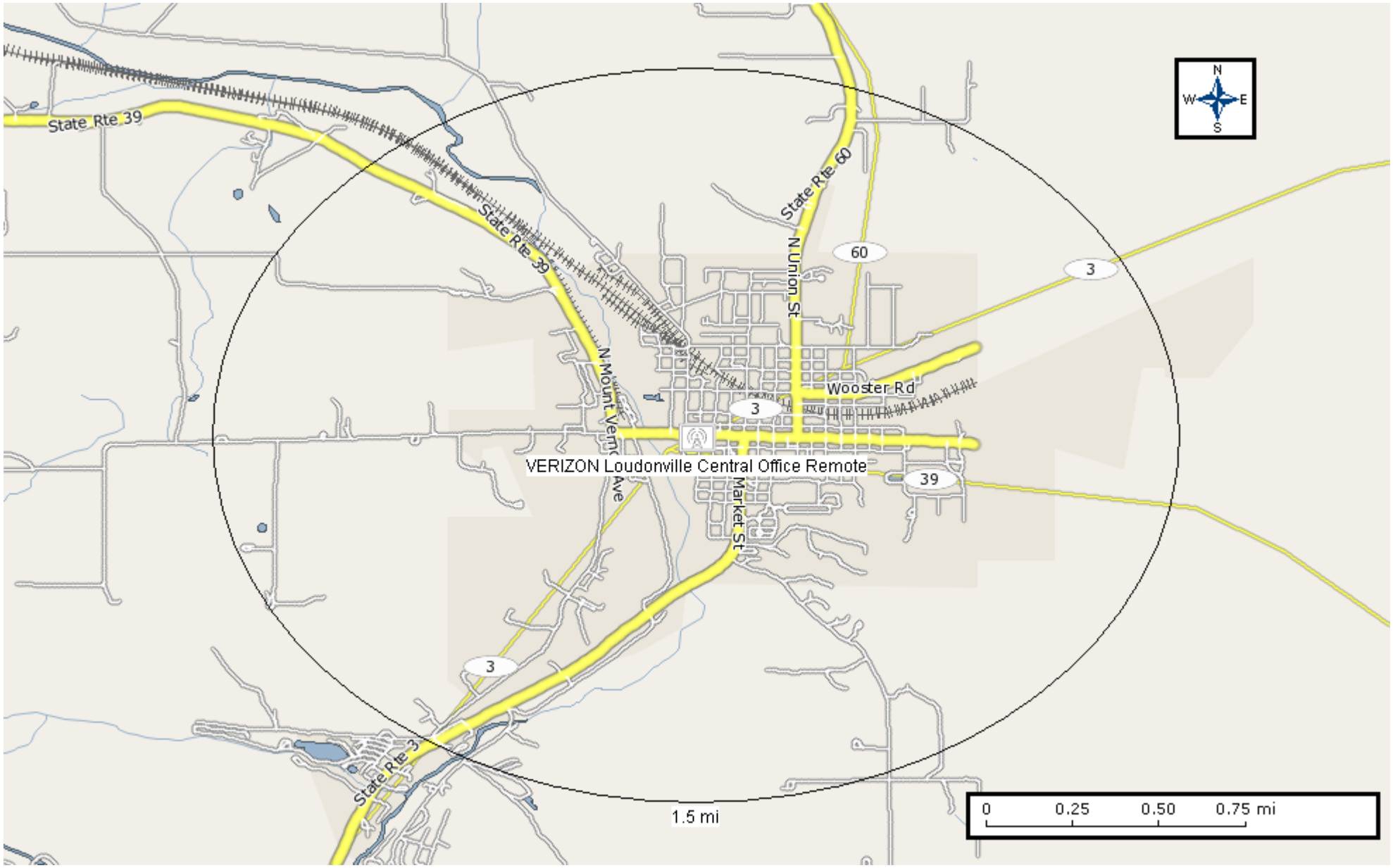
VERIZON Hayesville Central Office
7664-93-9 Sulfuric acid
1.0 Mile radius

VERIZON Hayesville Central Office
7664-93-9 Sulfuric acid
1.5 Mile radius

VERZON Loudonville Central Office Remote
7664-93-9 Sulfuric acid
0.5 Mile radius



VERIZON Loudonville Central Office Remote
7664-93-9 Sulfuric acid
1.0 Mile radius



VERIZON Loudonville Central Office Remote
7664-93-9 Sulfuric acid
1.5 Mile radius

TAB – D: Hospital Listing and Emergency Contacts

Local/Area Hospitals with Decon Capability		
Hospital Name - Location	**Emergency Contact (Request House Supervisor, unless specified)**	**Non Emergency Contact Special Information**
Bucyrus Comm. Hosp.(Avita) 629 N. Sandusky Ave. Bucyrus, OH		Disaster/Safety Chris Adler 419-468-0670
Fisher –Titus Medical Center 272 Benedict Ave. Norwalk, OH	CEO/Chain of Command 419-668-8101	Dir. Facilities/Safety 419-668-8101X6590
Galion Comm. Hosp.(Avita) 269 Portland Way S. Galion, OH	419-468-4841	Chris Adler Cell: 419-606-7800
Joel Pomerene Memorial Hospital 981 Wooster Rd. Millersburg, OH	330-674-1015	
Knox Comm. Hosp. 1330 Coshocton Rd. Mt. Vernon, OH 43050	740-393-9000	
Cle Clinic General Lodi Community Hospital 225 Elyria St. Lodi, OH	330-948-1222	
MedCentral Health System 335 Glessner Ave. Mansfield, OH	419-526-8000 (they can contact Shelby and Crestline facilities)	Dir. Stacey Jones
Ohio Health Ashland Center 1720 OhioHealth Way	567-309-4000	
Ontario Hospital (Avita) 715 Richland Mall	567-307-7920	
Wooster Community Hospital 1761 Beall Ave. Wooster, OH	330-263-8100	Julie Johns 330-263-8262

Akron Area Hospitals		
Akron General 1 Akron General Ave Akron, OH 44307	330-384-6000	
Akron City 525 E. Market St. Akron, OH	330-375-3000	
Children's Medical Center One Perkins Square Akron, OH 44308	330-543-1000	
Cleveland Area Hospitals		
Cleveland Metro 2500 Metrohealth Blvd. Cleveland, OH	216-778-7800	Metro LifeFlight
Columbus Area Hospitals		
Hospital	Emergency Phone Access	Special Considerations
Nationwide Children's Hospital 700 Children's Drive Columbus, OH 43205	614-722-2000	Safety Director 614-722-2133
Grant Medical Center 111 South Grant Avenue Columbus, OH 43215	614-556-9000	Med Flight
Ohio State Univ. Hospital 410 West Tenth Street Columbus, OH 43210	614-293-8000	Radiological Decon
OhioHealth Riverside Methodist Hospital 3535 Olentangy River Rd. Columbus, OH 43214	614-566-5000	

Emergency Transport Options:

AIR TRANSPORT – Critical Care for Neonate, High Risk OB, Pediatric, Burns, Balloon Pumps					
SERVICE NAME	**BUSINESS ADDRESS**	**EMERGENCY CONTACT - DISPATCH**	**STAFFING**	**CLOSEST BASE - EST. RESPONSE TIME**	**SPECIALTY TRANSPORT**
Cleveland Clinic	9500 Euclid Ave Cleveland OH 44195	877-379-2633			
MedFlight of Ohio	2827 W. Dublin-Granville Columbus, Ohio 43235 Bus: 1-614-734-8001	1-800-222-5433 (LIFE)	RN/.EMT-P	Lodi	
Metro Life Flight	2500 Metrohealth Drive Cleveland, Ohio 44109-1998 Bus: 216-778-7800	1-800-233-5433 216-957-5433	RN/Physician	Canton Aultman = 20 – 40 minutes	On board ultrasound
Univ. Hosp. MedEvac	11100 Euclid Ave. Cleveland, Ohio 44106 Bus: 216-	Interhospital 1-877-842-3822	RN/EMT-P Specialty team for IABP and neonate	Lorain/Solon	Pediatric Level 1 Trauma Center
Promedica	2142 N. Cove Blvd Toledo, Ohio 43605 Bus. 419-822-1352	The Toledo Hospital 1-800-477-4035	RN/Physician	Toledo/Lima = 30-45minutes	

GROUND TRANSPORT – MOICU – Critical Care for Neonate, High Risk OB, Pediatric, Burns, Balloon Pumps					
Service Name	**Business Address**	**Emergency Contact - Dispatch**	**Staffing**	**Closest Base**	**Specialty Transport**
Metro Life Flight	2500 Metrohealth Drive Cleveland, Ohio 44109-1998 Bus: 216-778-7800	216-957-5433	RN/Physician	Canton Aultman =	Burns
Children's Med. Center of Akron	One Perkins Square Akron, Ohio 44308 Bus: 330-543-8640	Ped/Burn 800-221-5437 Neonatal 800-362-9693 Aultman Neonatal 330-363-5433	Team designed as needed, RN based	Akron	Burns KIDS
Columbus Children's Hospital	700 Children's Drive Columbus, Ohio 43205 Bus: 614-722-2128	IN: 614-722-6899 Transport(Med Comm) 614-734-8117			

Critical Life EMS	35 Logan Rd. Mansfield, Ohio 44903 Bus: 419-525-0502			Mansfield	Request MOICU for RN staffing
MedFlight	MedFlight of Ohio 2827 W. Dublin-Granville Columbus, Ohio 43235 Bus: 1-614-734-8001	1-800-222-5433 (LIFE)	RN/.EMT-P	Wooster	High Risk Preg. IABP Burns
Promedica	2142 N. Cove Blvd Toledo, Ohio 43605 Bus. 419-822-1352	The Toledo Hospital 1-800-477-4035	RN/EMT-P or Physician	Toledo/Lima = 30-45minutes	

GROUND TRANSPORT – Paramedic based - Ambulance					
Ashland Fire	279 Cleveland Ave. Ashland, Ohio 44805 Bus: 419-289-6511	419-289-6511 or 419-289-2911 (disp)	EMT-P	AFD	Trauma Cardiac
Cleveland Clinic	9500 Euclid Ave Cleveland OH 44195	877-379-2633			
LifeCare Ambulance	35 Logan Road PO Box 3684 Mansfield, Ohio 44907 Bus: 419-756-6748	419-525-0502	EMT-P	Mansfield	
Medic Response	Medic Response PO Box 1514 Mansfield, Ohio 44901 Bus: 419-524-3838	419-524-3838	EMT-P	Mansfield	
Physician's Ambulance	1124 Center St. Ashland OH 448050	216-454-4911			

TAB – E: Abbreviations and Definitions

Abbreviations

AAR/BOE	Association of American Railroads/Bureau of Explosives
ACOE	US Army Corps of Engineers
AIChE	American Institute of Chemical Engineers
ARC	American Red Cross
ASCS	Agriculture Stabilization and Conservation Service
ASME	American Society of Mechanical Engineers
ASSE	American Society of Safety Engineers
ATSDR	Agency for Toxic Substances and Disease Registry (HHS)
ACSO	Ashland County Sheriff's Office
CAA	Clean Air Act
CAER	Community Awareness and Emergency Response
CDC	Center for Disease Control
CEPP	Chemical Emergency Preparedness Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERF	Chemical Emergency Reporting Form
CES	Cooperative Extension Service
CHEMNET	Chemical Network (National)
CHEMTREC	Chemical Transportation Emergency Center

CHLOREP	Chlorine Emergency Plan (National)
CHRIS	Chemical Hazards Response Information System
CMA	Chemical Manufactures Association
CWA	Clean Water Act
DAS	Department of Administrative Services (State)
DEA	Drug Enforcement Agency
DECD	Department of Economic and Community Development
DHS	Department of Homeland Security
DNAP	Division of Natural Areas and Preserves (ODOT)
DOC	US Department of Commerce
DOD	US Department of Defense
DOE	US Department of Energy
DOI	US Department of Interior
DOJ	US Department of Justice
DOL	US Department of Labor
DOR	Division of Reclamation
DOS	US Department of State
DOT	US Department of Transportation
EENET	Emergency Education Network (FEMA)
EHS	Extremely Hazardous Substance
EMA	Emergency Management Agency

EMAFC	Emergency Management Agency for Ashland County
EMI	Emergency Management Institute
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency
ERD	Emergency Response Division
ERT	Emergency Response Team
FEC	Facility Emergency Coordinator
FEMA	Federal Emergency Management Agency
FERC	Federal Energy and Regulatory Commission
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FMPC	Feed Materials Production Center (US DOE Facility)
GCOA	Governor's Commission on Agriculture
GLC	Great Lakes Commission
GSA	General Services Administration
HAZMAT	Hazardous Material(s)
HAZOP	Hazard and Operability Study
HHS	Health and Human Services (US)
HIT	Hazard Information Transmission
HMTA	Hazardous Materials Transportation Act
HSA	Hazardous Substances Act

IC	Incident Commander
ICS	Incident Command System
IDLH	Immediately Dangerous to Life and Health
IEMS	Integrated Emergency Management System
IWDW	Injection Waste Disposal Wells
JPIC	Joint Public Information Center
LC	Lethal Concentration
LEPC	Local Emergency Planning Committee
LEPD	Local Emergency Planning District
LOC	Level of Concern
MA	Mutual Aid
MOU	Memorandum of Understanding
MSDS	Material Safety Data Sheet
NACA	National Agricultural Chemicals Association
NAS-T	Northwest Area Strike Team
NCP	National Contingency Plan
NCRIC	National Chemical Response and Information Center
NDP	National Defense Plan
NETC	National Emergency Training Center
NFA	National Fire Academy
NFPA	National Fire Protection Association

NIOSH	National Institute of Occupational Safety and Health
NOAA	Department of Commerce, National Oceanic and Atmospheric Administration
NRC	National Response Center
NRC	US Nuclear Regulatory Commission
NRT	National Response Team
NSF	National Strike Force
OAC	Ohio Administrative Code
OARDC	Ohio Agricultural Research and Development Center
OBES	Ohio Bureau of Employment Services
ODA	Ohio Department of Agriculture
ODE	Ohio Department of Education
ODOT	Ohio Department of Transportation
OEMA	Ohio Emergency Management Agency
OEPA	Ohio Environmental Protection Agency
OFA	Ohio Forestry Administration
OHMTADS	Oil and Hazardous Materials Technical Assistance Data System
ONG	Ohio National Guard
ORC	Ohio Revised Code
ORM	Other Regulated Materials
OSC	On Scene Coordinator
OSHA	Occupational Safety and Health Administration

OSP	Ohio State Patrol
OWDA	Ohio Water Development Authority
PI	Public Information
PIO	Public Information Officer
PRP	Potentially Responsible Party
PSNT	Pesticide Safety Team Network
RC&D	Resource Conservation and Development
RCRA	Resource Conservation and Recovery Act
REAL	Research-Extension Analytical Laboratory
RQ	Reportable Quantity
RRT	Regional Response Team
RSPA	Research and Special Programs Administration
RTECS	Registry of Toxic Effects of Chemical Substances
SARA	Superfund Amendments and Reauthorization Act
SCBA	Self Contained Breathing Apparatus
SCS	Soil Conservation Service
SERC	State Emergency Response Commission
SFM	State Fire Marshall
SPCC	Spill Prevention Control and Countermeasures
SWCO	Soil and Water Conservation District
SWDA	Solid Waste Disposal Act
TCA	Technical Advisory Council

Title III	Emergency Planning and Community Right-to-Know Act of 1986
TLV	Threshold Limit Value
TPQ	Threshold Planning Quantity
TSCA	Toxic Substance Control Act
TSD	Treatment, Storage and Disposal Facilities
TWA	Time Weighted Average
UIC	Underground Injection Control
USCG	Unites States Coast Guard
USDA	United States Department of Agriculture
USGS	United States Geological Survey
USNRC	United States National Regulatory Commission

Definitions

Accident Site: The location of an unexpected occurrence, failure, and/or loss (either at a facility or along a transportation route) resulting in a release of hazardous materials.

Acute: Severe but of short duration. Acute health effects are those that occur immediately after exposure.

Acutely Toxic Chemicals: Chemicals that can cause severe short and long term health effects after a single, brief exposure (short duration). These chemicals (when ingested, inhaled, or absorbed through the skin) can cause damage to living tissue, impairment of the central nervous system, severe illness, or, in extreme cases death.

Airborne Release: Release of any chemical into the air.

Assembly Point: A location outside the evacuated area that can accommodate many vehicles and serves as the initial gathering place for those individuals who have withdrawn from the risk area.

Chemical Emergency Preparedness Program: A program developed by the USEPA to address releases of acutely toxic substance.

CHEMNET: A mutual aid network of chemical shippers and contractors. CHEMNET has more than 50 participating companies with emergency teams, 23 subscribers (who receive services during an incident from a participant and then reimburse response and cleanup costs), and several emergency response contractors. CHEMNET is activated when a member shipper cannot respond promptly to an incident involving that company's product(s) which requires the presence of a chemical expert. If a member company cannot go to the scene of the incident, the shipper will authorize a CHEMNET-contracted emergency response company to go. Communications for the network are provided by CHEMTREC, with the shipper receiving notification and details about the incident from the CHEMTREC communicator.

Chemical Transportation Emergency Center (CHEMTREC): A program providing information and/or assistance to emergency responders. CHEMTREC contacts the shipper or producer of the material for more detailed information, including on-scene assistance when feasible. CHEMTREC can be reached 24 hours a day by calling 1-800-424-9300.

Chlorine Emergency Plan (CHLOREP): Operated by the Chlorine Institute. A 24 hour mutual aid program. Response is activated by a CHEMTREC call to the designated CHLOREP contact, who notifies the appropriate team leader, based upon CHLOREP's geographical sector assignments for teams. The team leader in turn calls the emergency caller on-scene and determines what advise and assistance are needed. The team leader then decides whether or not

to dispatch a team to the scene.

Chemical Hazards Response Information System / Hazards Assessment Computer System: A system developed by the USCG. Manuals that contain chemical-specific information. Federal OSCs use HACS to find answers to specific questions during a chemical response. Can also be used for contingency planning purposes.

Chronic: Of long duration or having frequent recurrence. Chronic health effects are those that become apparent or continue for some time after exposure to hazardous chemicals.

Clean Air Act: Law enabling air quality standards to be set and monitored.

Cleanup: Actions taken to deal with a release or threatened release of hazardous substances that could affect public health and/or the environment. Broadly describes various response actions or remedial actions such as investigations or studies.

Clean Water Act: Law enabling water quality standards to be set and monitored.

Command Post: Facility located at a safe distance upwind from an accident site where the on-scene coordinator, responders, and technical representatives can make response decisions, deploy manpower and equipment, maintain liaison with media, and handle communications.

Community Awareness and Emergency Response (CAER) Program: Program developed by the Chemical Manufactures Association (CMA), to assist chemical plant managers in taking the initiative in cooperating with local community to develop integrated (community/industry) plans for responding to releases of hazardous materials.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): A Federal law passed in 1980 and modified in 1986 by the Superfund Amendments and Reauthorization Act. The Act created a special tax that goes into a Trust Fund, commonly known as Superfund, to investigate and clean up abandoned or uncontrolled hazardous waste sites. Under the program, EPA can either: Pay for site cleanups when parties responsible for the contamination cannot be located or are unwilling or unable to perform the work. Take legal action to force parties responsible for site contamination to cleanup the site or pay hack the Federal government for the cost of the cleanup.

Congregate Care Facility: An institution that provides care for people in need of assistance or supervision (e.g. hospitals, nursing homes, schools, prisons, etc.)

Contingency Plan: A document to identify and catalog the elements required to respond to an emergency, to define responsibilities and specific tasks, and to serve as a response guide.

Cost Recovery A legal process where potential responsible parties can be required to pay back

responders money spent on response/cleanup.

Cradle to Grave: The handling of hazardous waste from production to disposal.

Critical Facilities: Facilities essential to emergency response, such as fire stations, police stations, hospitals, and communication centers.

Emergency: A situation created by an accidental release or spill of hazardous chemicals which pose a threat to the safety of workers, residents, the environment, or property.

Emergency Alert System: The use of existing radio and TV stations to provide federal, state, and local governments with a means of disseminating warnings and communicating information to the general public. EAS is a digital system capable of automated operation.

Emergency Operations Center (EOC): A facility where Municipal, County, State, Federal, and private entities meet during an emergency situation to gather information, make decisions, and direct and/or coordinate necessary actions to bring the emergency to a close. Generally, the facility is centrally located, and has appropriate communications available for a totally coordinated effort.

Emergency Operations Plan: EOPs are multi-hazard, functional plans that treat emergency management activities generically. EOPs provide for as much generally applicable capability as possible without reference to any particular hazard. Unique aspects of individual disasters are addressed in hazard-specific appendices.

Emergency Planning and Community Right-To-Know Act of 1986: Specifies requirements for organizing the planning process at the State and local levels for specified extremely hazardous substances; minimum plan content; requirements for fixed facility owners and operators to inform officials about extremely hazardous substances present at the facilities; and mechanisms for making information about extremely hazardous substances available to citizens.

Emergency Public Information: Information released to the public by County, State, and Federal Agencies concerning the emergency at hand and how it can affect public health and the environment. Safety precautions to be exercised by the public are also given.

Evacuation: The temporary movement of people in response to community threats, damage, or disruptions. Evacuation is the movement of people when an unacceptable degree of risk is perceived FROM someplace, TO someplace, FOR some period of time, and RETURN.

Evacuation Zone: A geographically defined area that includes the fire service Hazard Zone and an extended area that could or would be at risk during a hazardous material release.

Exercise: A simulated accident or release set up to test emergency response methods and for

use as a training tool.

Extremely Hazardous Substances (EHS): A list of chemicals identified by EPA on the basis of toxicity, and listed under Title III of SARA.

Facility: Defined in Section 302 of Title III of SARA as all buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with such person). For purposes of emergency release notification, the term includes motor vehicles, rolling stock, and aircraft.

Field Command Post: The area near the incident site where the Incident Commander and individuals in charge of, or representing the various responding organizations, gather to coordinate and direct activities.

Ground Water: Water found beneath the earth's surface that pores between materials such as sand, soil, or gravel. In aquifers, ground water occurs in such sufficient quantities that it can be used for drinking water, irrigation and other purposes.

Hazard: Any situation that has the potential for causing damage to life, property, and/or the environment.

Hazard Analysis: The procedure for identifying potential sources of a hazardous materials release, determining the vulnerability of an area to a hazardous materials release, and comparing hazards to determine risks to a community.

Hazard Information Transmission (HIT): A program that provides digital transmission of the CHEMTREC emergency chemical report to first responder at the scent of a hazardous materials incident. The report advises the responder on the hazards of the materials, the level of protective clothing required, mitigating action to take in the event of a spill, leak or fire, and first aid for victims. Hit is a free public service provided by the Chemical Manufactures Association.

Hazardous Chemical: Any chemical which is a physical hazard or a health hazard.

Hazards Identification: A method of identification that provides information on which facilities have extremely hazardous substances (EHSs) what those chemicals are, and how much there is at each facility. The system also provides information on how the chemicals are stored and whether they are used at high temperatures. Mandatory facility reporting under Title III will provide most of the information needed for a hazards identification.

Hazardous Material: Any substance or material in a quantity or form which may by harmful to humans, animals, crops, water systems, or other elements of the environment if accidently released. Hazardous materials include: explosives, gases (compressed, liquefied, or dissolved),

flammable and combustible liquids, flammable solids or substances, oxidizing substances, poisonous and infectious substances, radioactive materials, and corrosives.

Hazardous Substances (Superfund): Substances designated as hazardous under CERCLA (also known as Superfund). CERCLA incorporates substances listed under the Clean Water Act, the Clean Air Act, RCRA, and TSCA Section 7.

Hazardous Substances: Any material that poses a threat to public health and/or the environment. Typical hazardous substances are materials that are toxic, corrosive, ignitable, explosive, or chemically reactive.

Incident Commander: The individual in charge of the incident as defined by SOP or appropriate authority. In an evacuation, it is possible that Incident Command may be passed from a fire official to another government representative once the source of the threat has been neutralized and fire apparatus is released from the scene.

Incident Command System (ICS): The combination of facilities, equipment, personnel, procedures and communications operating within a common organizational structure, with responsibility for management of assigned resources, to effectively accomplish stated objectives at the scene of an incident.

Immediately Dangerous to Life or Health (IDLH): A concentration that represents a maximum level from which one could escape within 30 minutes without any escape-impairing symptoms or any irreversible health effects.

Integrated Emergency Management System (IEMS): A system developed by FEMA in recognition of the economies realized in planning for all hazards on a generic functional basis as opposed to developing independent structures and resources to deal with each type of hazard.

Joint Public Information Center (JPIC): A single facility from which multi-organizational emergency public information can be coordinated and disseminated.

Lethal: Causing or capable of causing death.

Lethal Concentration - low (LC): The lowest concentration of a chemical at which some test animals die following inhalation exposure.

Lethal Dose - low (LDLo): The lowest dose of chemical at which some test animals died following exposure.

Level of Concern: The concentration of an extremely hazardous substance (EHS) in the air above which there may be serious irreversible health or death as a result of a single exposure for a relatively short period of time.

Local Emergency Planning Committee (LEPC): A committee appointed by the State Emergency Response commission (SERC), as required by Title III of SARA, to formulate a comprehensive hazardous materials emergency plan for its district.

Material Safety Data Sheet (MSDS): A compilation of information required under the OSHA Hazard Communication Standard on the identity of hazardous chemicals, health and physical hazards, exposure limits and precautions. Section 311 of Title III of SARA requires facilities to submit MSDSs under certain conditions.

Median Lethal Concentration (LC50): Concentration level at which 50% of the test animals died when exposed by inhalation for a specific period.

Median Lethal Dose (LD50): The calculated dose at which a material kills 505 of a group of test animals within a specified time. Dose is generally given in milligrams per kilogram of body weight of the test animal.

Morbidity: Ability to cause illness or disease.

Mutual Aid Agreement (MAA) / Memorandum of Understanding (MOU): A formal (written) or informal understanding between jurisdictions or agencies that describes methods and types as assistance available between two or more entities during emergencies.

National Warning System: The federal portion of the Civil Defense Warning System used for dissemination of warning and other information from the warning centers or regions to warning points in each state.

National Oil and Hazardous Substance Pollution Contingency Plan: A plan, found in 40 CFR part 300 prepared by USEPA, to put into effect the response powers and responsibilities created by CERLA and the authorities established by Section 311 of the Clean Air Act.

National Fire Academy(NFA): A component of FEMA's National Emergency Training Center in Emittsburg, Maryland. It provides fire prevention and control training for fire and allied services. Courses are offered in technical, management, and prevention subject areas.

National Hazardous Materials Information Exchange (NHMIX): A program that provides information on Hazmat training courses, planning techniques, events and conferences, and emergency response experience and lessons learned. Telephone 1-800=752-6367.

National Response Center (NRC): A communications center for activities related to response actions, located at US Coast Guard headquarters in Washington, DC. The NRC receives and relays notices of discharges or releases to the appropriate OSC, disseminates OSC and RRT reports to the NRT when appropriate, and provides facilities for the NRT to use in coordinating a

national response action when required. 1-800-424-8802 is the 24 hour number for reporting incidents.

National Response Team (NRT): A team consisting of representatives of 16 federal government agencies (USDA, NOAA, DOD, DOE, HHS, DOI, DOJ, DOL, DOS, DOT, EPA, GSA, NRC, DH, FEMA, USCG). The team is the principal organization for implementing the NRF. When the NRT is not activated for a response action, it serves as a standing committee to develop and maintain preparedness, to evaluate methods of responding to discharges or releases, and to recommend needed changes in the response organization, and to recommend revisions to the NRF. The NRT may make recommendations to appropriate agencies on training, equipment, and the protection of response teams; research, development, and evaluation to improve response capabilities.

National Response Team-1 (NRT-1): The Hazardous Materials Emergency Guide document dated March 1987 developed by the NRT. This guide lists the guidelines for the writing of local and State Hazardous Materials Emergency Response Plans as required by the SARA.

National Strike Force: A force made up of 3 strike forces. The USCG counterpart to the EPA ERTs.

Oil and hazardous Materials Technical Assistance Data System (OHMTADS): A computerized data base containing chemical, biological, and toxicological information about hazardous substances.

On-Scene Coordinator (OSC): The OSC is the pre-designated agent of the EPA to provide direction and coordination of pollution control efforts at the scene of a spill or release The OSC determines pertinent facts about the spill, such as the nature, amount and location, direction the material is traveling, resources and installations that may be effected and methods of protection. The OSC shall coordinate the needed resources for containment and cleanup operations.

Plume: Effluent cloud resulting from a continuous source release.

Potentially Responsible Party (PRP): Any individual(s) or company(s) (such as owners, operators, transporters, or generators) potentially responsible for, or contributing to, the contamination problems at a hazmat site Whenever possible, the law requires PRPs, through administrative and legal actions, to clean up sites they have contaminated.

Public Shelter: A facility used to protect, house, and supply the essential needs of designated individuals during the period of an emergency. A shelter may or may not be specifically constructed for such use, depending on the type of emergency and the specific programmatic requirements.

Regional Response Teams (RRT): A team composed of representatives of Federal agencies and

a representative from each State in the Federal regions. During a response to major hazardous material incident involving transportation or a fixed facility, the OSC may request that the RRT be convened to provide advice or recommendations in specific issues requiring resolution. Under the NCP, RRTs may be convened by the chairman when a hazardous materials discharge or release exceeds the response capability available to the OSC in the place where it occurs: crosses regional boundaries; or may pose a substantial threat to the public health, welfare, or environment, or to regionally significant amounts of property. Regional contingency plans specify detailed criteria for activation of RRTs. RRTs may review plans developed in compliance with Title III, if the local emergency planning committee so requests.

Reception Center: Location set aside for registering, monitoring, decontamination (if needed) and assigning to a shelter, members of the evacuating public.

Radium of the Vulnerable Zone: The maximum distance from the point of release of a hazardous substance at which the airborne concentration could reach the level of concern (LOC) under specified weather conditions.

Remedial Action: An immediate action taken over the short-term to address a release or threatened release of hazardous substances.

Resource Conservation and Recovery Act (RCRA): A Federal law that established a regulatory system to track hazardous substances from the time of generation to disposal. The law requires sage and secure procedures to be used in treating, transporting, storing, and disposing of hazardous substances. RCRA is designed to prevent new, uncontrolled hazardous waste sites.

Response: The efforts to minimize the risks created in an emergency by protecting the people, the environment, and property, while returning the scene to normal pre-emergency conditions.

Response Action: An action at a site involving either a short-term removal action or a long-term remedial response that may include, but is not limited to the following activities: Removing hazardous materials from a site to an EPA approved, licensed hazardous waste facility for treatment, containment, or destruction. Safely containing the hazardous waste on-site to eliminate further problems. Destroying or treating the materials on-site to eliminate further problems. Identifying and removing the source of ground-water contamination and halting further movement of the contaminants.

Risk: A measure of the probability that damage to life, property, and/or the environment will occur if a hazard manifests itself, this measure includes the severity of anticipated consequences to people.

Risk Analysis: Assessment of the probable damage that may be caused to the community by a hazardous substance release.

The **"Superfund Amendments and Reauthorization Act of 1986":** Title III of SARA includes detailed provisions for community planning.

Short Term Inhalation Level: Maximum permissible average inhalation exposures limits for specified (short time) time periods.

Special Populations: Groups of people that may be more susceptible than the general population (due to preexisting health conditions (e.g., asthmatics) or age (e.g., infants and the elderly) to the toxic effects of an accidental release.

Stability Classes, Atmospheric: Pasquill stability classes (ranging from "A" to "F") are meteorological categories of atmospheric condition. Class A representing unstable conditions, to Class F representing low levels of turbulence. Stability Class D, midway between A and F, is used for neutral conditions, applicable to heavy overcast, daytime or night time.

Staging Area: An area designated by the Incident Commander for the temporary assignment of equipment or human resources that could be used during an incident.

State Emergency Response Commission (SERC): Commission appointed by each State governor according to the requirements of Title III of SARA. Duties of the commission include designating emergency planning districts, appointing local emergency planning committees (LEPCs), supervising and coordinating the activities of planning committees, reviewing emergency plans, receiving chemical release notifications, and establishing procedures for receiving and processing requests from the public for information.

Standard Operating Guidelines (SOGs): A checklist or set of guidelines that instruct the user of the document on how to accomplish a given task, i.e., proper procedures for decontaminating personnel and equipment. SOGs are generally written in step-by-step formats.

Storage Methods of keeping raw materials, finished goods or products while awaiting use, shipment or consumption.

Superfund: The common name used for the Comprehensive Response, Compensation and Liability Act. A trust fund established to provide money the OSC can use during a cleanup.

Superfund Amendments and Reauthorization Act (SARA): Modifications to the CERCLA enacted on October 17, 1986.

Surface Water: Bodies of water that are above ground, such as rivers, lakes and streams.

Threshold Planning Quantity: A quantity designated for each chemical on the Extremely Hazardous Substances (EHS) that triggers notification by facilities to the State Emergency Response commission (SERC) that such facilities are subject to emergency planning under Title III of SARA.

The 'Emergency Planning and Community Right-TO-Know Act of 1986': Specific requirements for organizing the planning process at the State and local levels for specified extremely hazardous substances; minimum plan content; requirements for fixed facility owners and operators to inform officials about extremely hazardous substances present at the facilities; and mechanisms for making information about extremely hazardous substances available to citizens.

Threshold Limit Value - Time Weighted Average (TLV-TWA): Time-Weighted average concentration for a normal 8-hour work day and a 40-hour work week, to which nearly all workers may be repeatedly exposed, day to day, without adverse effect.

Threshold Limit Value - Short Term Exposure limit (TLV-STEL): A concentration to which workers can be exposed continuously for short periods of time without suffering from (1) irritation, (2) Chromic or irreversible tissue damage, (3) Narcosis of sufficient degree to increase the likelihood of accidental injury, impair self-rescue, or materially reduce work efficiency, provided the daily TLV-TWA is not exercised.

Toxic Chemical Release Form: Information form required to be submitted by facilities that manufacture, process or use (in quantities above a specified amount) chemical listed in Section 313 of Title III of SARA.

Toxic Cloud: Airborne mass of gases, vapors, fumes or aerosols of toxic materials.

Toxicity: The ability of a substance to cause damage to living tissue, impairment of the central nervous system, severe illness or death when ingested, inhaled or absorbed by the skin.

Toxicology: The study of the adverse effects of chemical agents on biological systems.

Transport Mode: Method of transportation; highway, rail, water, pipelines, air.

Vapor Dispersion: The movement of vapor clouds or plumes in air due to wind, gravity, spreading and mixing.

Vulnerability Analysis: Assessment of elements in the community that are subject to damage should a hazardous material release occur; includes gathering information on the extent of the vulnerable zone, conditions that influence the zone, size and type of the population within the zone, private and public property that might he damaged, and the environment that might be effected.

Vulnerable Zone: An area over which airborne concentration of a chemical involved in an accidental release could reach the level of concern (LOC)

TAB – F: Sample EAS Messages

EAS Message #1
No Action Necessary Announcement

MESSAGE: The following emergency bulletin has been released by the Ashland County Emergency Management Agency:

The (Ordering Authority) has announced that an emergency presently exists at (Location of Incident). At this time no protective actions are necessary on the part of the public. Disaster and health service officials are assessing the situation.

Further information will be provided through the station as it becomes available.

Once again . . . . there is no immediate risk of chemical exposure. Stay tuned to this station for further information. Avoid using telephones unless you have a real emergency.

For Station Use:

Starting Time _____ A.M., P.M.
Rebroadcast every _____minutes.
Duration_____hours, or upon cancellation notice.

Note: This sample message has been included for optional use should rumors or inaccurate releases have occurred.

EAS Message #2
Sheltering Required

MESSAGE: The following emergency bulletin has been releases by the Ashland County Emergency Management Agency:

The (Ordering Authority) has announced that n emergency presently exists at(Location of Incident). Persons who live or work within (Distance) miles of this location are advised to take shelter....this means go indoors. Persons living, working, or traveling in the location of (Location of Incident) are affected by this advisory.

When taking shelter, you should:

1. Close all windows and doors and remain indoors.
2. Turn off all air conditioners, heaters, fans, or other ventilation systems which draw air in from the outside.

Stay tuned to this station for later information and instructions.

For Station Use:

Starting Time_____A.M., P.M.
Rebroadcast every _____minutes.
Duration _____hours or upon notification of cancellation,.

EAS Message # 3
Evacuation Announcement

MESSAGE: The following emergency bulletin has been released by the Ashland County Emergency Management Agency.

The (Ordering Authority) has announced that a full emergency presently exists at (Location of Incident) and has recommended the evacuation of all persons who live or work within (Distance) miles of this location. Persons living, working, or traveling, in the area of (Location of Incident) are affected by this advisory. **(Repeat area affected and specify roads if possible.)**

Your route of travel should be away from the site of the emergency. Travel to a collection center located at (Location of shelter). You will receive aid and information at the collection center. If possible assist neighbors who are ill disabled, or need transportation...If special help is needed, telephone (Evacuation Assistance phone Number)
REPEAT

Plan to be away from home a few hours or a few days...do not panic, but quickly collect...a change of clothes...personal items...needed medication...infant needs...money and important papers...turn off all appliances...close windows and lock doors...mass care services will be provided at shelters.

If schools are in session, children will be bused to (location of relocated school children). Do not attempt to pick up children at schools. It will cause traffic congestion and endanger children and drivers alike.

Pets, (any non-working animals) will not be allowed in mass care shelters. An animal shelter will be opened at (location of animal shelter) You may take your pet directly to the animal shelter or drop off at (animal pick-up location). Please have you animal contained in a carrying case if available and include any needed supplies.

Listen to radio/tv for more information and instructions.
REPEAT THE ABOVE.

For Station Use

Starting Time_____A.M., P. M.
Rebroadcast every _____minutes.
Duration _____hours or upon notification of cancellation

EAS Message # 4
All Clear

MESSAGE: The following emergency bulletin has been released by the Ashland County Emergency Management Agency concerning the Hazardous Materials Incident at (Location of Incident):

Authorities on the scene have now determined that the situation is now under control and they have announced an **all clear** for the residents of the area.

Authorities also released the following information and instructions:

For Station Use:

Starting Time_____A.M., P.M.
Rebroadcast_____minutes.
Duration_____hours or upon notification of cancellation.

EAS Message # 5
Hazardous Materials Exercise Message

MESSAGE: The following emergency bulletin has been released by the Ashland County Emergency Management Agency:

During the hours (start time) to (stop time) a hazardous materials exercise will be conducted by the Ashland County Emergency Management to test the county's hazardous materials emergency response plan.

The exercise will include activities by emergency response agencies and departments from (names of participating departments).

There will be communications activities in conjunction with the exercise.

This exercise in only a test of emergency plans.

For Station Use

Starting Time_____A.M., P.M.
Rebroadcast every _____minutes.
Duration_____hours or upon notification of cancellation.

TAB – G: Media Resources

Radio Station

WNCO (Clear Channel) FM 101.3 - Ashland/Mansfield

WQKT FM 104.5 – Wooster

News Service-Television

News Channel 3 – WKYC

News Channel 8 – WJW - FOX 8

News Channel 5 – WEWS

News Channel 19 – WOIO

News Channel 68
WMFD – Larry Stine, News Director

Newspapers

Ashland Times Gazette

News Journal

Wooster Daily Record

Cable TV Services

Armstrong Cable

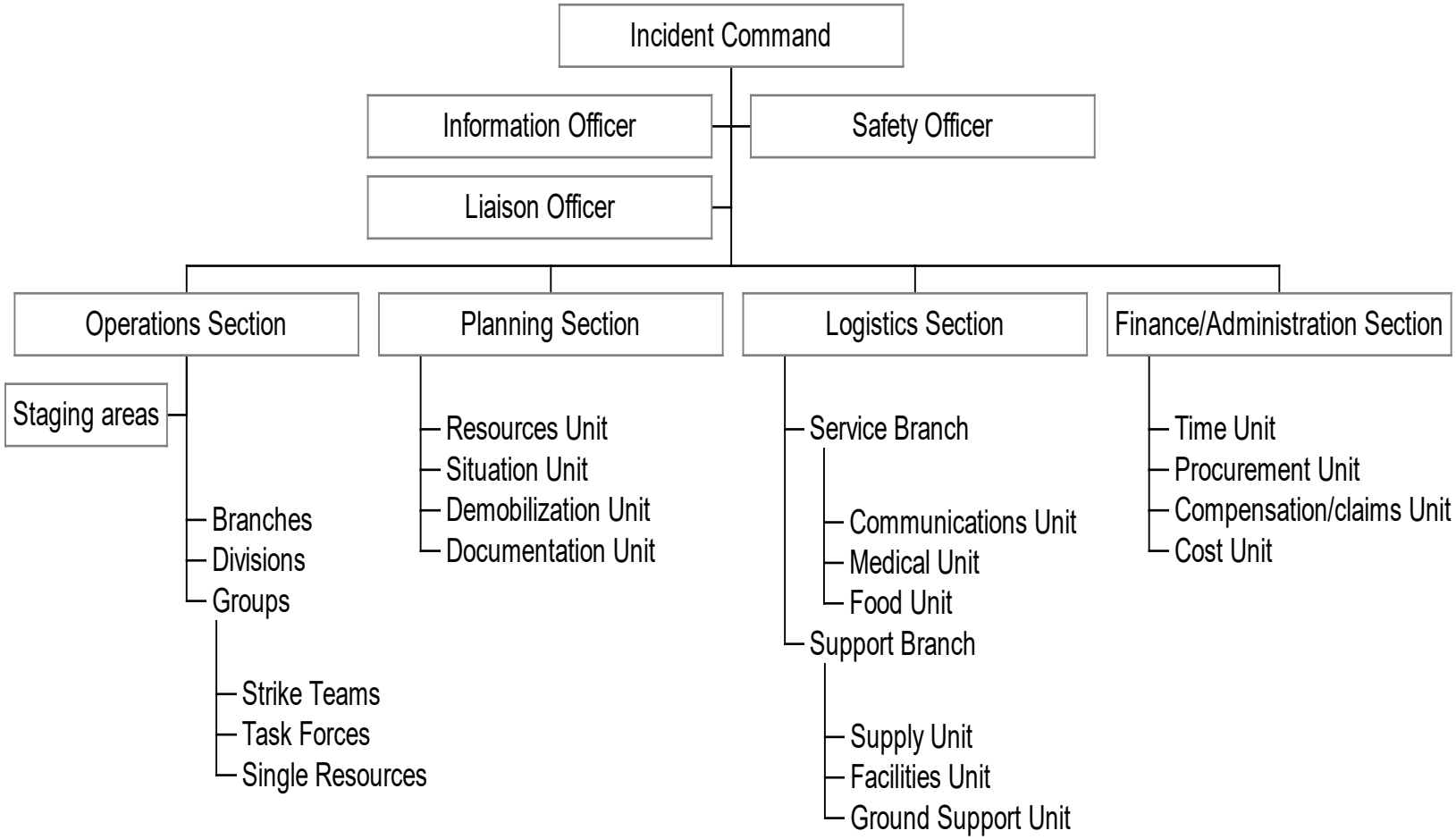
Time Warner Cable

TAB – H: Plan Distribution List

This annex will be distributed to the same locations that maintain a copy of the Ashland County Emergency Operations Plan: **(Distribution also consist of adding it to the EMA's website at**: https://www.ashlandcountyoh.us/county-services/homeland-security-and-emergency-management-agency

Airport Authority
American Red Cross
Ashland County Departments: Health, Coroner, Engineer
Ashland County Fire Chiefs
City of Ashland: Health, Public Safety
County Commissioners, Mayors, Township Trustees
EMA Directors (contiguous counties)
Hospitals
Law Enforcement, Police Departments, Sheriff, Ohio State Patrol
LEPC Committee Chairs
Library
Ohio EMA
Ohio EPA
Service Departments

TAB I: Incident Command System Diagram



* ICS assignments are incident specific. Positions assigned upon size and demand of incident.