

2019 rev 2

← → Facilities Contacts Chemical Inventory

Location ID and Regulations Contacts Chemicals State Fields

Name \* ⓘ

Electric Power Coop. Station

Report Year

RMP 1000026596

If the facility is subject to Title III Emergency Release Reporting (TERR) under Section 302 of EPCRA, enter a TERR ID above.

In the facility, canner ⓘ ☒ Manned ☐ Unmanned

Maximum number of occupants \* ⓘ 10

**Subject to...**

Chemical Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Management Program)? \* ⓘ ☒ Yes ☐ No

Emergency planning under Section 302 of EPCRA (40 CFR part 355)? \* ⓘ ☒ Yes ☐ No

Emergency planning under Section 302 of EPCRA (40 CFR part 355)? \* ⓘ ☒ Yes ☐ No

# Did they click:

## “Subject to Section 302 Planning?”



# What are the planning requirements?

## **40 CFR Part 355 Subpart B—Emergency Planning**

### **WHO MUST COMPLY**

#### **§ 355.10 Must my facility comply with the emergency planning requirements of this subpart?**

**You must comply with the emergency planning requirements in this subpart if your facility meets either of the following two conditions:**

- (a) Any extremely hazardous substance (EHS) is present at your facility in an amount equal to or greater than its threshold planning quantity (TPQ),**  
**or**
- (b) Your facility has been designated for emergency planning purposes,...**

# Quantities?

**§ 355.12 What quantities of extremely hazardous substances trigger emergency planning requirements?**

**Any EHS present at your facility in an amount equal to or greater than its TPQ triggers the emergency planning requirements of this subpart...**

# 355.20 What information must I provide, who must I submit it to, and when is it due?

What Notification?	What Info?	Provide to Whom?	When is it Due?
Emergency Planning	That you are subject to planning requirements	To the SERC and LEPC	Within 60 days of becoming subject to requirement
You have a Facility Emergency Coordinator (FAC)	You must designate a FAC to participate in planning	To the LEPC	Within 60 days of becoming subject to requirement
Any relevant changes	Notice of any changes relevant to emergency planning	To the LEPC	Within 30 days after the changes occur
Requested Info	Any info necessary for developing or implementing the plan if the LEPC requests it	To the LEPC	Time frame specified by the LEPC

## **§ 355.21 In what format should the information be submitted?**

**EPA does not require any specific format. EPA recommends that you submit the information described in § 355.20 in writing in order to insure appropriate documentation.**

**The SERC or LEPC may request that this information be submitted in a specific format.**

# Campbell County, WY LEPC - 2017

- ◆ Over 1,000 Tier II Reports
- ◆ 42 Claimed they were “Subject to 302”
- ◆ Only 14 actually were
- ◆ 6 others with EHS’s but didn’t meet the TPQ’s

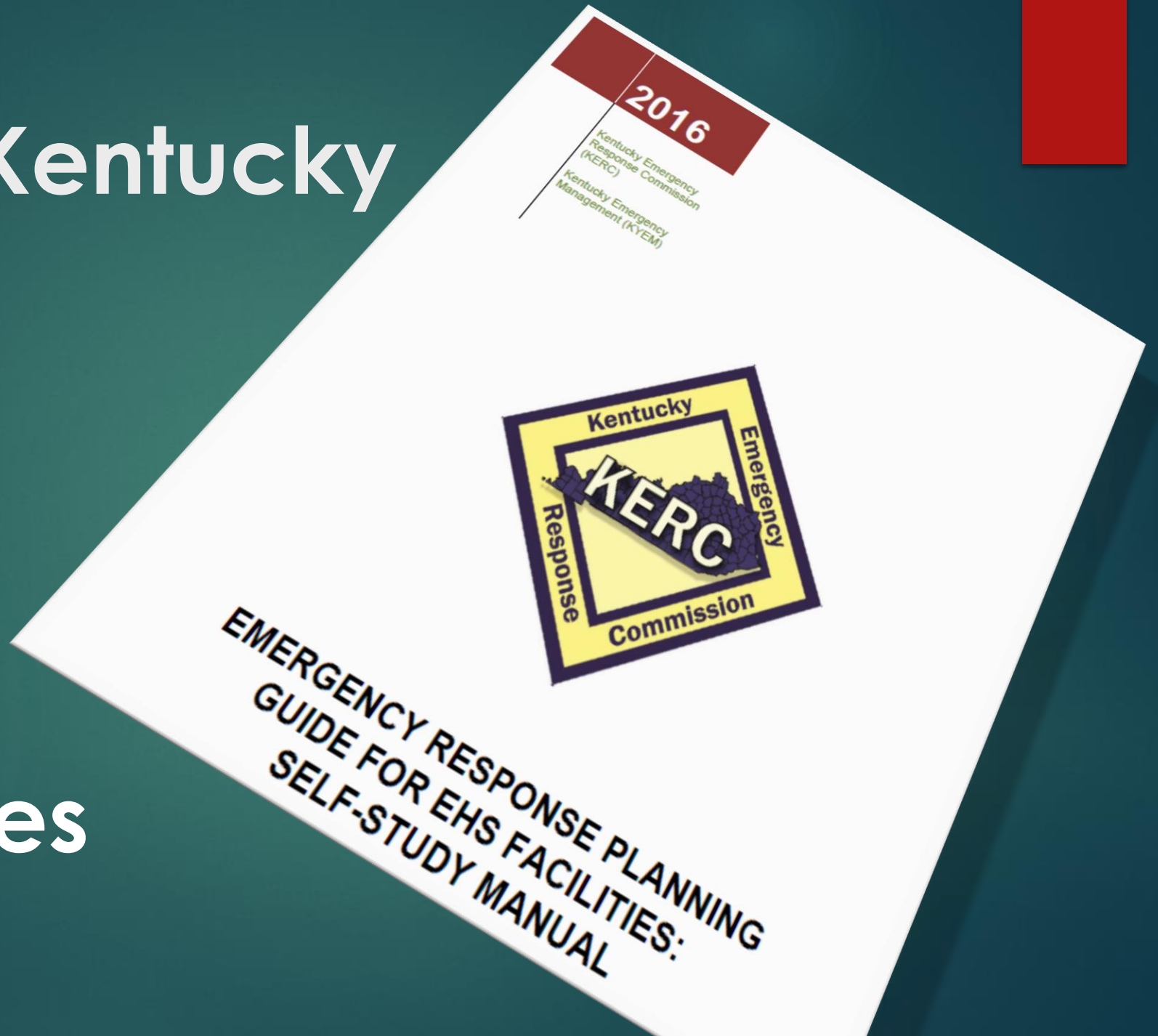
# Campbell Co - Applicable TPQ EHS's

- ❖ **Sulfuric Acid**
- ❖ Formaldehyde
- ❖ Acrolein
- ❖ Ammonia
- ❖ **Anhydrous Ammonia**
- ❖ **Chlorine**
- ❖ Toluene – 2,4 Diisocyanate, 2,6 Diisocyanate
- ❖ Benzyl Chloride



# Thank-You Kentucky

81 pages





# Wyoming EHS Planning Template

◆ CCLEPC developed two items:

◆ “Planning Template”

◆ “Plan Review Checklist”

In September, 2019, Wyoming SERC adopted them for use beginning in 2021

### EHS Facility Emergency Plan

The Dry Fork Station uses anhydrous ammonia to control NOx emissions from a 420 MW coal fired power plant. The facility is located in a remote area of northeastern Wyoming approximately 7 miles from Gillette, WY. The ammonia is delivered by truck and is offloaded and stored in two 57,500 lbs. horizontal bullets located outdoors. The ammonia is stored as a liquid under its ambient vapor pressure and is pumped into the flue gas stream of the power plant boilers via a piping distribution system inside the plant. The facility has implemented a Risk Management Program (RMP) program which includes hazard assessment, prevention, and emergency response elements. The prevention portion of the RMP is the same as required by OSHA's Process Safety Management (PSM) Standard. Improvements will be provided by on-site personnel and other interested parties as reviewed by the Management of Change (MOC) procedure. The design of the facility and RMP-covered processes utilizes appropriate equipment and procedural safeguards that are typical for ammonia storage and transfer equipment.

1. Identification of Facility
  - a. Dry Fork Station
  - b. 12460 N HWY 59 Gillette, WY 82716
  - c. Latitude: 44.388036

11 Page Document

# Dry Fork Station – Basin Electric

9. Scenarios & Map - All contact information for residents and businesses are located in the CODE RED System. An Excel Spreadsheet is also maintained in ALTIEN in the Risk Management Plan under CODE RED.

a. Worst Case Scenario

- i. Based on 57,500 lb liquefied anhydrous ammonia release which is the inventory of one of the two ammonia storage tanks and rural topography.



Name	Anhydrous Ammonia
Physical State	Liquid
Model Used	EPA's RMP*Comp (TM)
Scenario	Liquid spill to vaporization
Quantity Released (lbs.)	57,500
Release Rate (lbs./min)	5700
Release Duration (min)	10
Wind Speed (meters/sec)	1.5
Topography	Rural
Distance to End Point (miles)	4.4
Estimated residential population within distance to endpoint (numbers)	239
<b>Special Facilities within distance to endpoint</b>	
Schools	Rawhide Elementary



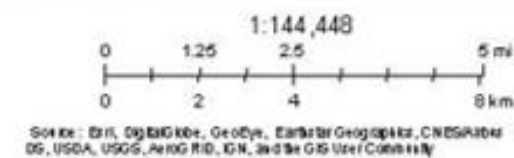
# ArcGIS Web Map



July 10, 2018

-  DFS Ownership Boundary
-  4.5 Mile Buffer

Campbell County Parcels



# David King

Campbell County EMA

Gillette, WY

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