

# Grant County Hazardous Materials Strategic Plan

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B. Local Emergency Planning Committee Membership

Grant County Local Emergency Planning Committee Appointment List-- 2025						
Name	Representing		Mailing Address	Telephone (all are 608 area code unless noted)	Date of Appointment	LEPC Position
	Group	Organization				
Heidi Pierce	5	Planning Facility	932 N. Madison Street Lancaster, WI 53813	W 723-3017	October 2016	Member
David Timmerman	3	Media	PO Box 310 Lancaster, WI 53813	W 723-2151	November 2019	Member
Kessa Klaas	2	Public Health	111 S. Jefferson Street Lancaster, WI 53813	W 723-6416	December 2024	Member
Nate Dreckman	1	Grant County Admin	111. S. Jefferson Street Lancaster, WI 53813	W 723-6071	November 2012	Member
Robert Keeney	1	County Elected	111 S. Jefferson St. Lancaster, WI 53820	W 723-2711	April 2014	1 <sup>st</sup> Vice Chairman
Ronald Data	2	Haz. Mat. Team	110 Thomas Ave. East Dubuque, IL 61025	H 815-747-6783 W 815-747-3101 x257	July 1998	Member
Steve Tranel	2	County Hazmat	PO Box 506 Lancaster, WI 53813	C 732-5501	March 2022	Member
Jerry Wehrle	4	Citizen Member	357 N. Taylor St. Lancaster, WI 58313	H 723-4922	November 1998	Chairperson
Steve Braun	2	Emergency Management	P.O. Box 506 Lancaster, WI 53813	H 723-4210 W 723-7171	July 1999	Community EM Coordinator
Chris Johll	2	Communications Supervisor	PO Box 506 Lancaster, WI 53813	W 723-2157	September 2000	Coordinator of Information
Jason Wagner	2	Emergency Management	PO Box 506 Lancaster, WI 53813	W 723-7171	December 2021	Administrative Coordinator
Christal Foreyt	2	Hospitals	205 Parker Street Boscobel, WI 53805	W 375-4112	November 2019	Member
Travis Klaas	2	Sheriff Department	8820 US Hwy 61/81 Lancaster, WI 53813	723-2157	December 2022	Member

## C. Responsibilities

### 1. Local Emergency Planning Committee

- a. Develop the countywide hazardous materials plan and off-site facility plans in coordination with the County Emergency Management Director. Review and update plans as determined necessary, and ensure that appropriate training and exercises are conducted as needed or required.
- b. Review off-site facility emergency plans submitted by the Emergency Management Director.
- c. Publish, annually, a notice in the local newspaper that the countywide hazardous materials plan and facility off-site appendixes, material safety data sheets and inventory forms have been submitted under Section 324 of Title III, and are available for public inspection.
- d. Provide information to the public as required in Section. 312 of Title III, consistent with Section 322, Trade Secrets.
- e. Receive and maintain copies of all EPCRA reports.
- f. Community Emergency Coordinator and/or the Emergency Management Director will assist local emergency responders and facility emergency coordinators during the implementation of the facility off-site hazardous materials plan and the county hazardous materials emergency plan.
- g. Oversee cost-recovery and reimbursement issues for emergency responders, as designated in Wisconsin statute 323.70 (5) (a).

### 2. County Emergency Management Director and Staff

- a. Serve as the point of contact for the LEPC. Work with facility representatives to prepare off-site facility plans, and submit these plans to the LEPC for review and approval.
- b. Respond to hazardous materials incidents when so requested by local officials, to assist in the implementation of various hazardous materials emergency plans and procedures.
- c. At the scene of a hazardous materials incident, serve as an on-scene liaison to county and state agencies/departments, national and local organizations, and others that may be able to provide needed resources and support. Assist local officials and emergency responders as requested.
- d. Additional responsibilities are outlined in the county Emergency Operations Plan, Annex A (Direction and Control).

### 3. Fixed Facilities

a. Planning Requirements.

- (1) Any facility that produces, uses or stores any of the extremely hazardous substances identified under EPCRA Section 302, in quantities equal to or greater than the established threshold planning quantities set forth in the EPA Title III List of Lists, are required to participate in the emergency planning process.

b. Reporting requirements

- (1) An owner/operator of a facility subject to the provisions of EPCRA Sections 311/312 must comply with the requirements of s.323.60 (5) Wis. Stats. [MSDS chemical list/Tier Two filings].
- (2) Employees and agents of facilities are obligated to comply with the provisions for the discharge (release or spill) of a hazardous substance as required under the state hazardous substance spill law.

## I. Hazard Analysis

### A. Discussion

Main points for consideration that were used in the analysis, by conveyance, are bulleted below:

#### Highways

- The primary highway hazard area in Grant County is in the southwest corner near Dubuque.
- Platteville serves as a secondary hazard area due to its population density and high volume of concentrated commercial vehicle traffic.
- Highways 151, 11, and 18 are high-volume corridors throughout the county.
- Highways 80/81 and 61 carry similar traffic types but with moderately lower volumes.
- Highway 35 west of Lancaster has significantly less traffic compared to Highway 61.
- Several manufacturing and commercial facilities—including Tier II Planning Facilities—are located along or near primary arterials.
- There is a major convergence of arterial highways in Platteville, increasing traffic density in that area.
- The Lancaster–Arthur–Hazel Green–Dubuque Quadrangle contains roughly half of all Tier II facilities, concentrating both local and Highway 151 traffic.
- The Highway 151 and Highway 11 intersection experiences very high traffic flow volumes.
- Other state highways, especially 35, 61, and 80/81, serve as major conduits for trans-regional commerce.
- Much of this commerce connects Dubuque with west-central and north-central Wisconsin.
- Traffic densities within cities and villages are low to moderate, except around major corridors.
- Highway 151 generates high levels of circulating traffic near interchanges and ramps.
- Terrain north of Highway 18 and west of Highway 80 features steep grades and sharp curves on state and county roads.
- Topography south of Highway 18 is predominantly flat and agricultural, with some Driftless terrain areas.
- Weather impacts—especially in winter—affect road conditions; however, recent DOT roadway improvements have mitigated short-term flooding and storm impacts.
- Grant County is bordered by:
  - Dubuque and Clayton Counties (Iowa) to the west,
  - Crawford and Richland Counties to the north,

- Iowa and Lafayette Counties to the east, and
- Jo Daviess County (Illinois) to the south.
- Neighboring counties have moderate to high industrial and raw material demands, resulting in substantial transport of materials and finished products through Grant County.
- Highway 151 (southeast corner) and Highway 11 (southern edge) often experience traffic densities comparable to interstate highways.
- Dubuque, Iowa contributes significant northbound and eastbound commercial vehicle traffic into the county.
- Hazardous materials of various types are commonly transported along Highway 151 and other main arterials.
- Seasonal traffic surges increase movement of both hazardous and non-hazardous materials, often exceeding normal traffic levels.
- The most common non-hazardous commercial traffic includes agriculture, timber, construction, and manufacturing trucks, as well as un-placarded 53-foot vans.
- Numerous small vans, trucks, and specialty vehicles also travel these routes, many carrying non-placarded hazardous materials (1,000 lbs or less).

## **RAILROADS**

- The two primary rail service providers in Grant County are Burlington Northern Santa Fe (BNSF) and Wisconsin & Southern Rail (WSOR).
- BNSF Rail, located along the Mississippi River, is a Class I primary main line consisting of two parallel tracks and is by far the busiest rail corridor in the county.
- WSOR Rail, situated along the northern edge of the county, operates as a Class II short-line. Its rail bed is capable of handling low-volume Class I traffic without incident.
- The rail beds and track conditions for both systems are generally in good to excellent repair.
- The majority of each rail line runs through rural areas of the county.
- The BNSF corridor runs within feet of the Mississippi River, intersecting wetlands and lowlands along the entire western edge of the county.
- The WSOR line crosses the Wisconsin River on the northern edge and again west of Woodman.
- Portions of WSOR rail pass in close proximity to residential areas, particularly in Muscoda, Boscobel, and Woodman.
- The BNSF line poses limited residential impacts, with notable exposure only in the Bagley and Cassville areas.
- Numerous town and county road grade crossings exist along both rail rights-of-way throughout the county.
- Weather events, especially flash flooding, can significantly affect operations near both the Mississippi and Wisconsin Rivers.
- Several sections of both rail corridors traverse environmentally sensitive areas.
- Flooding remains a potential hazard in low-lying areas, particularly near riverbanks.
- Washouts could impact portions of WSOR and are a major concern along the Mississippi River for BNSF.
- Both systems have a limited number of sidings and spurs, which could affect emergency access or operational flexibility during an incident.

## **RIVER**

- Drought and flood conditions along the Mississippi River significantly impact navigation and operations.
- Barge flotillas operating on the river can become quite large, increasing maneuvering complexity and potential incident impact.
- The water solubility of certain bulk chemicals makes spills and releases particularly hazardous to the environment and public safety.
- Barge units are increasing in size, with 30,000-barrel oil tankers becoming more common on the river.
- Modern barge construction is designed to resist rupture and minor damage, but vessels remain vulnerable to significant incidents, as demonstrated by the Klostermeyer–Stephen L. Colby event.
- Locks and dams along the Mississippi River have a recent history of small accidents and operational issues.
- Although hazardous releases occur less frequently than in the past, they remain a serious concern for emergency planning and environmental protection.
- Groundings, sidewall gashes, and other collisions within the navigation channel occur with relative regularity.

- Personnel impairment has been cited as a contributing factor in many marine incidents, particularly those involving multiple vessels.
- Wind, weather, and winter conditions continue to cause navigational challenges and operational hazards along the river.

## **OTHER**

- Hwy 151, BNSF's high-volume rail and Lock & Dam 11 are all in close proximity
- There are a few high-capacity manufacturing facilities in Grant County that use a wide array of organic and inorganic chemicals

## **PIPELINES**

### **Natural Gas**

#### **DISTRIBUTION**

Grant County's natural gas demand is served by WE Energies to the north, west, central (Lancaster) and south, and by Alliant Energy along the east edge and in the southeast corner. Roughly half of the townships in the county do not receive any NG service.

The distribution area for WE Energies consists of the following townships: Bloomington, Boscobel, Fennimore, Jamestown, Mount Hope, Muscoda, North Lancaster, Paris, Patch Grove, Smelser, South Lancaster, Watterstown, Hazel Green (partial), Marion (partial)

For Alliant Energy, the townships served are: Jamestown (SE section), Hazel Green (except NE corner), Platteville, Lima, Clifton, Wingville

#### **TRANSMISSION**

The high-capacity transmission main servicing the area (and much of southwest Wisconsin) is owned by Northern Natural Gas Company (NNG). It enters Lafayette County in a northward direction at the extreme southwest corner (tri-county area) south of Hazel Green. Near Benton, it veers east-northeast and transits the county to the east corner of Argyle and Wiota townships before entering Green County. A 12" to 14" lateral branches off in Benton and makes a bow-arc in Grant County out towards Lancaster before bending back east to exit near Muscoda. There are branch offs east of Lancaster (coming into town), south of Fennimore (service to Prairie du Chien), east of Fennimore (coming into town) and in the Castle Rock area (serving Boscobel). The branches are generally 12" lines. The main-line in Lafayette County is upwards to 30".

Static pressures in these lines average right around 800 psi. They vary seasonally and by time-of-day from around 750 psi upwards to the low 900's. A rupture in one of these lines has the potential to produce a significant fire and/or explosion hazard. Even though the instantaneous flow rate in the first few seconds would be in the upper 100,000 ft<sup>3</sup> per minute, the immediate, rapid pressure drop would limit the flow rates to the mid MCF per hour (for the smaller 3" to 4" transmission lines, this figure would be more in the 8,000 to 15,000 ft<sup>3</sup> per minute range). The radiant energy from the initial flare could give 2<sup>nd</sup> and 3<sup>rd</sup> degree burns to those who are within 100 yards of the point of rupture.

Transmission pipelines are nearly always cathodically protected steel pipes. However, moisture and other factors can still corrode or breach these pipes. While there is essentially no moisture and near zero sulfur INSIDE the pipe, externally, there is active mechanical, mineral and/or biological activity that can disrupt the protective coating on the pipe or even score the base metal, leading to a pin-hole failure that could lead to rupture. Catastrophic failures are almost always caused by excavation and deep-till farming equipment.

Sidewall thicknesses range from 1/8" to 3/8", varying according to overall pipe diameter and the pipe is buried nominally at 36" below surface grade.

Distribution pipelines are frequently close to the surface under paved city streets (18") and in yards. They are often dug up or accidentally severed during street/roadway construction, cable burying operations or similar

contract municipal projects. Since they are usually located in ditches along roadways in rural areas, any work being done in those locations carries a significant risk of breaching a line – sometimes, catastrophically. For a smaller 3” to 4” 60psig Distribution line, the flow-rate is generally the 1,200 to 1,800 ft<sup>3</sup> per minute range. In many rural counties, the average incident rate is about 1 per year.

**WE Energies High-Pressure/Distribution Line Specifications**

- Dickeyville/Keiler/Cuba City: **3" & 4" – 275 psig**
- Muscoda: **3" – 275 psig**

**Distribution to Users (We & Alliant):**

- **2" – 60 psi** (larger users, industrial/commercial); **20-30 psi** (smaller users, residential).

\* The natural gas chemistry is Very Low Sulfur and essentially Anhydrous. Very little to no corrosion is expected where there is metal pipe.

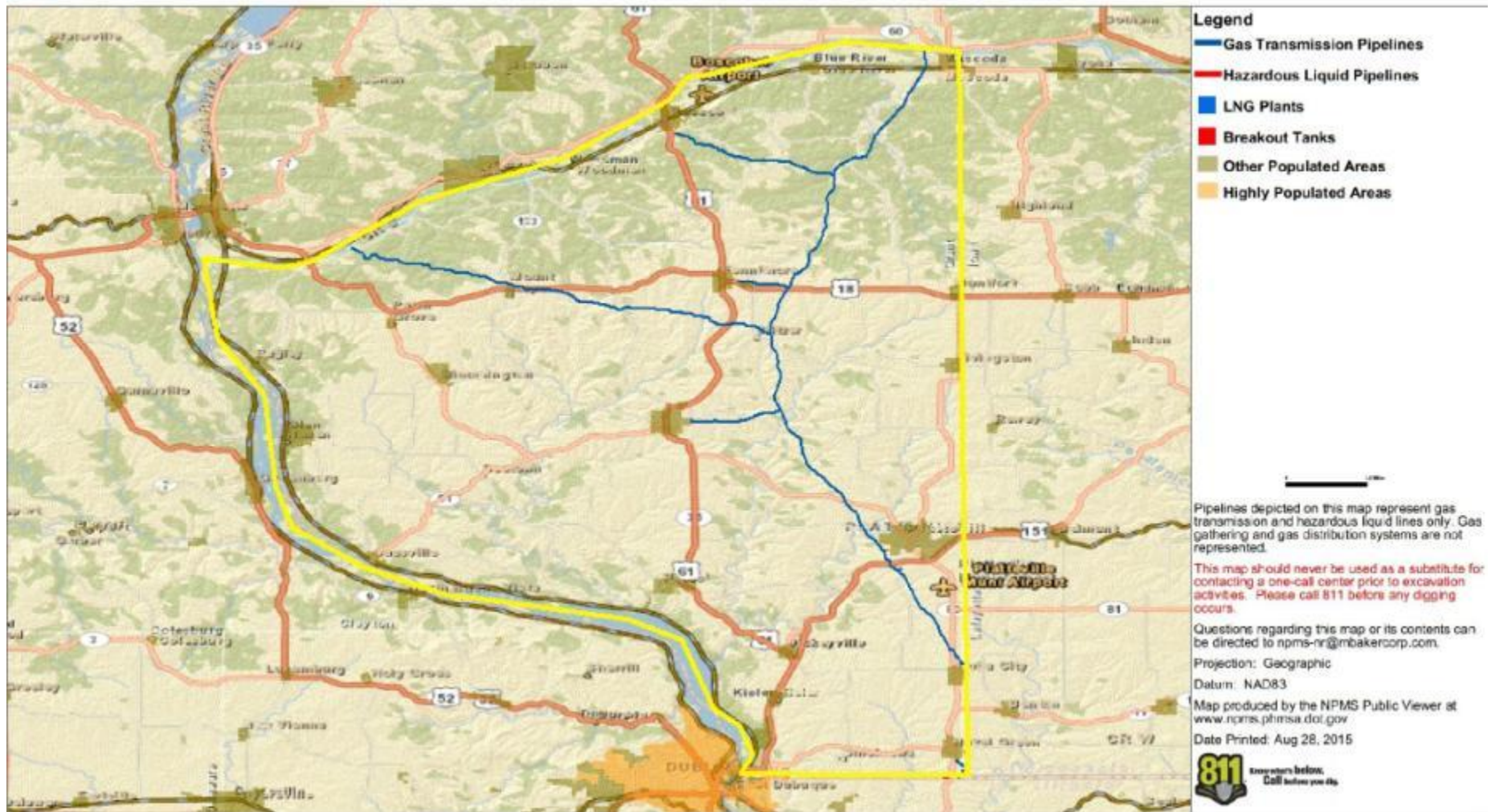
**Natural Gas Transmission Lines Primary Hazard:**

<b><u>Hazard</u></b>	<b><u>Likelihood of Occurrence</u></b>
Excavation / Farm Till	Moderate – High
Corrosion	Moderate
Over-Pressure	Slight
Weld Seam Failure	Minimal
Frost Heave	Minimal
Flooding, Water Scour	Moderate
Other Forces of Nature	Moderate

**Natural Gas Distribution System Primary Hazard:**

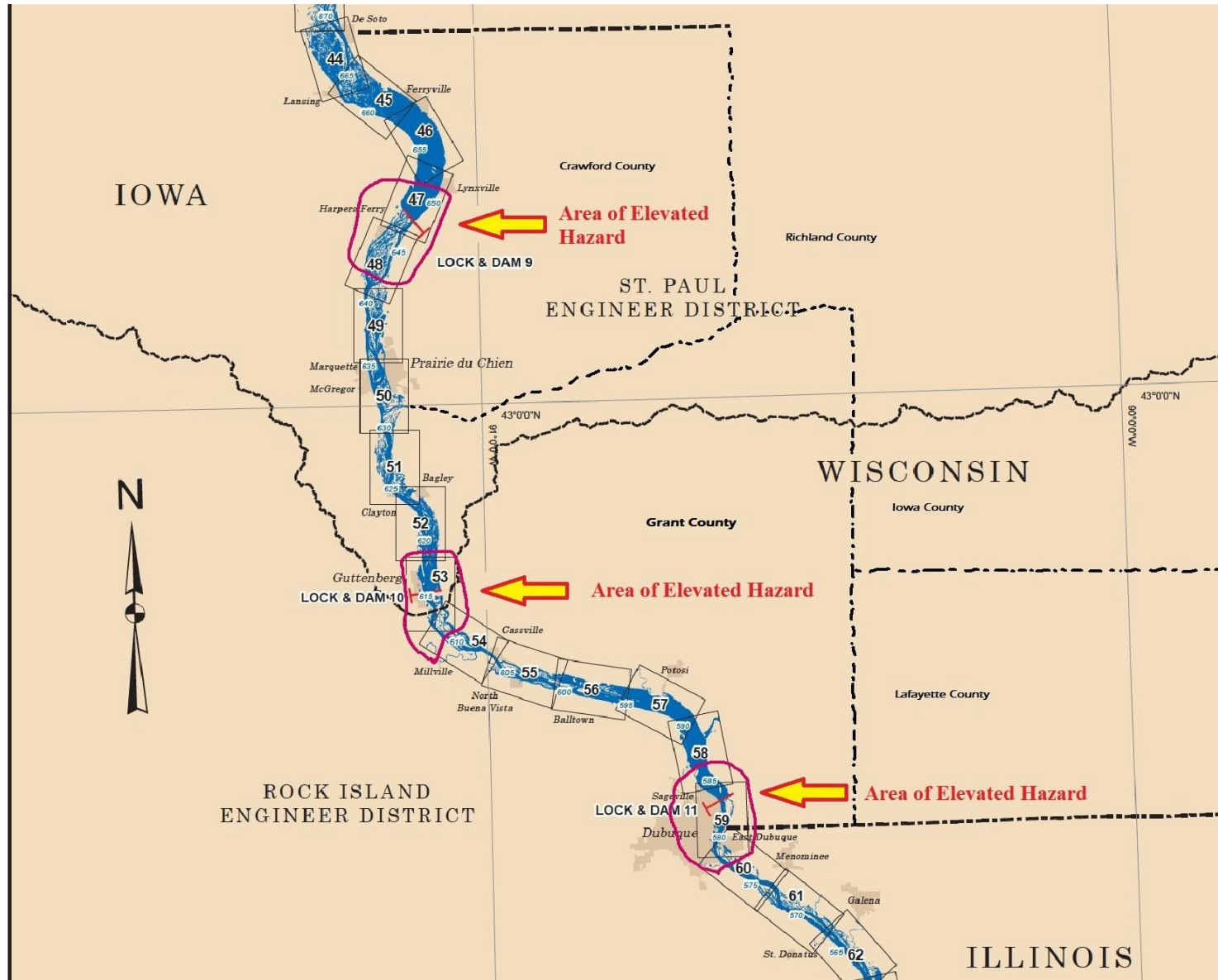
<b><u>Hazard</u></b>	<b><u>Likelihood of Occurrence</u></b>
Excavation	Very High
Corrosion (steel components)	Moderate
Over-Pressure	Minimal
Frost Heave	Moderate
Flooding, Water Scour	High
Other Forces of Nature	Moderate

# NATIONAL PIPELINE MAPPING SYSTEM

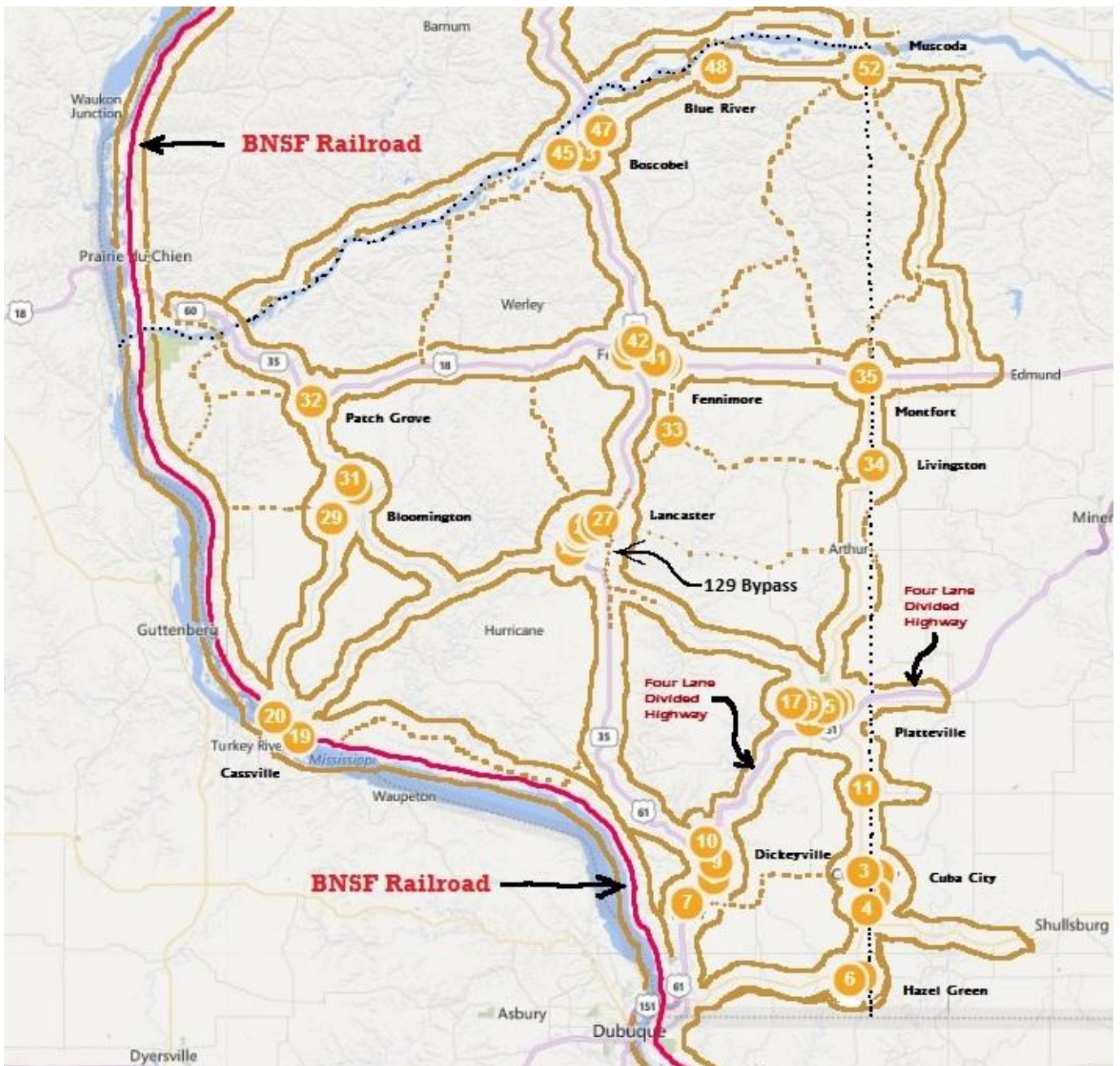


## Grant County Pipelines

The Area of Hazard Concern is in the immediate vicinity of the Blue Line [Natural Gas]

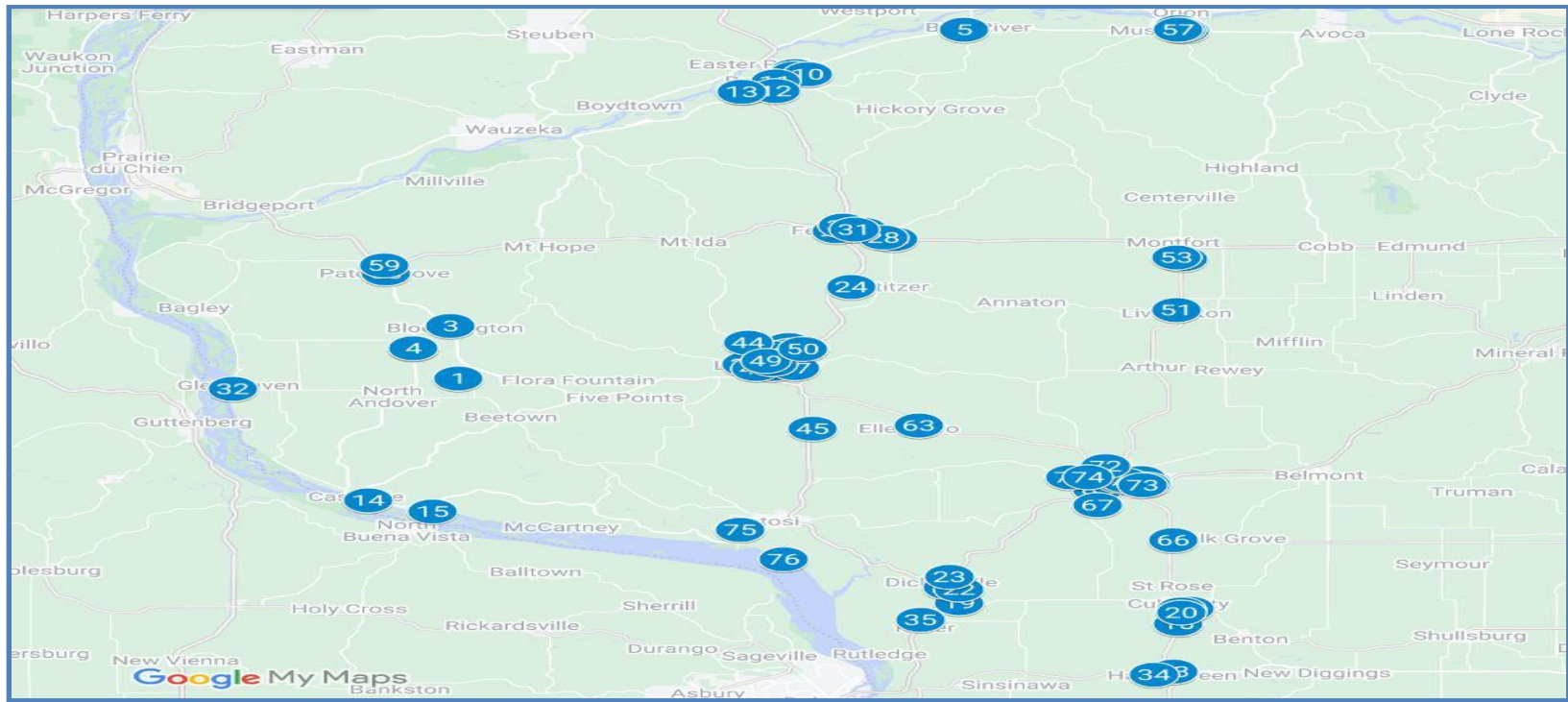


**Mississippi River Lock and Dam Locations**



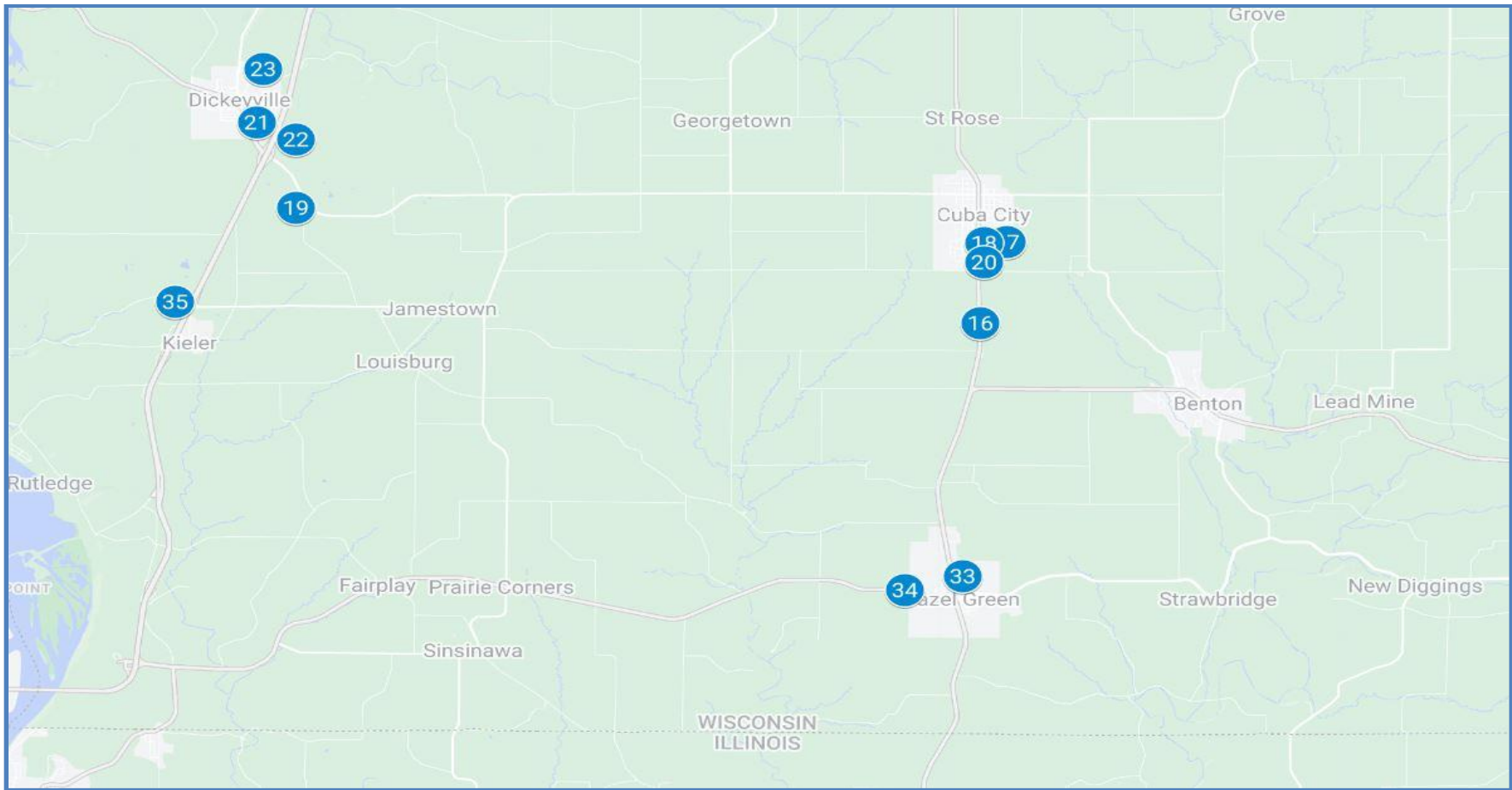
Tier II Facilities are **Numbered**, Rail Corridor is in **RED**,  
 High Density Highway Areas are **Circled**,  
 Low to Medium Density Highway Areas are **Hash-Dotted**.

Relative Hazards diminish incrementally with distance from the corridor



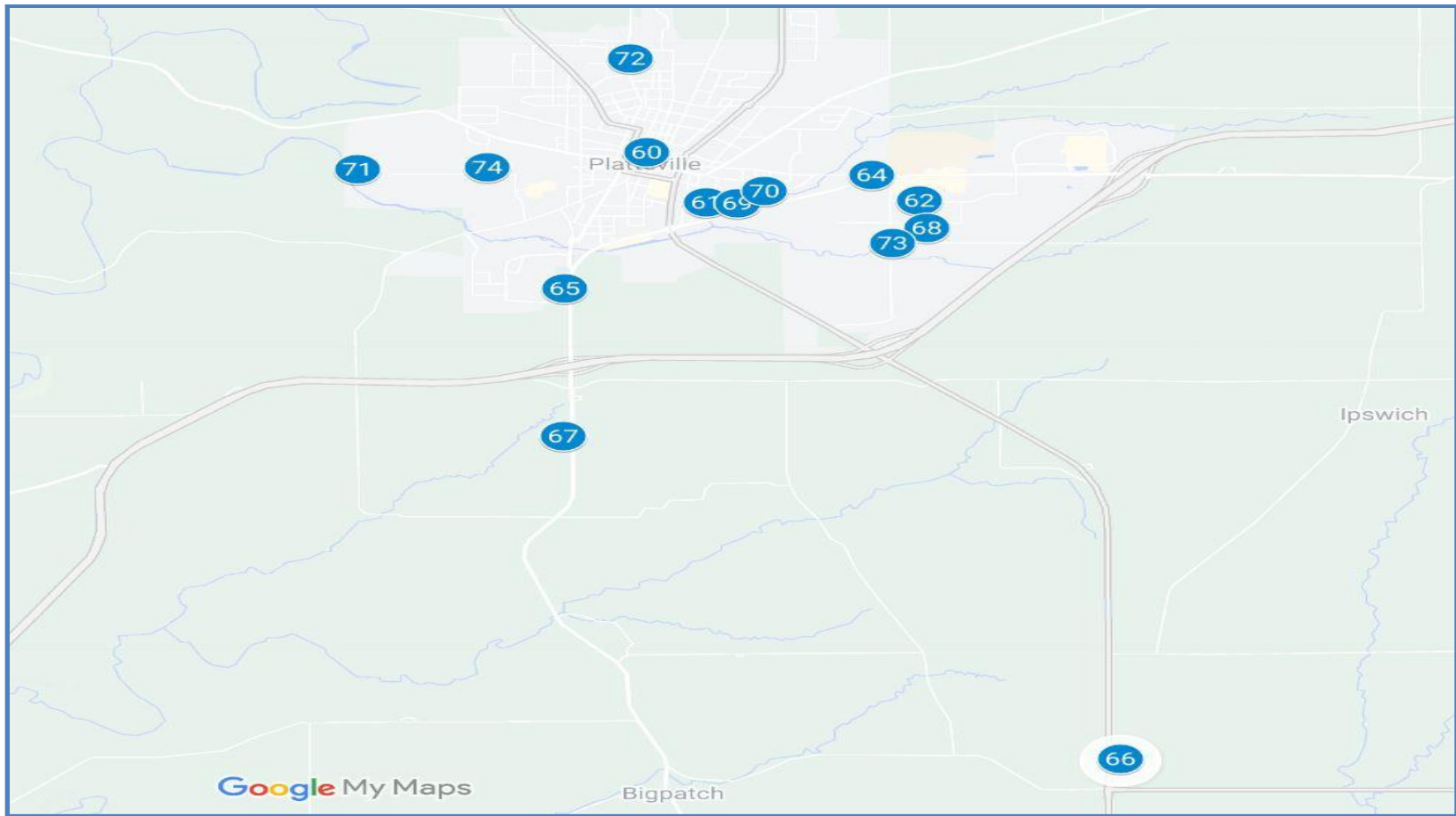
**Grant County Facility Key**

1. VILLAGE OF BLOOMINGTON	2. New Horizons	3. FERRELLGAS, INC.	4. PREMIER COOPERATIVE	5. NEW HORIZONS SUPPLY COOPERATIVE	6. Amcor Flexibles North America
7. Actus Nutrition	8. Truivant - North	9. Truivant - South	10. WISCONSIN SECURE PROGRAM FACILITY	11. BRIGHTSPEED	12. FERRELLGAS
13. PREMIER COOPERATIVE	14. PREMIER COOPERATIVE	15. BNSF RAILWAY COMPANY CASSVILLE	16. AMERIGAS EAGLE PROPANE LP	17. CUBA CITY WWTP	19. Bard Materials
20. NAS-Cuba City	21. DONNIE'S TIRE & AUTO, LLC	22. MISSISSIPPI VALLEY FOREST PRODUCTS, INC.	23. NEW HORIZONS SUPPLY COOPERATIVE	24. BARD Materials Fennimore	26. FENNIMORE POWER PLANT
27. FENNIMORE SWIMMING POOL	28. FENNIMORE WELL #4	29. FENNIMORE WELL #5	30. NEW HORIZONS SUPPLY COOPERATIVE	31. SALT SHED	32. BNSF RAILWAY COMPANY



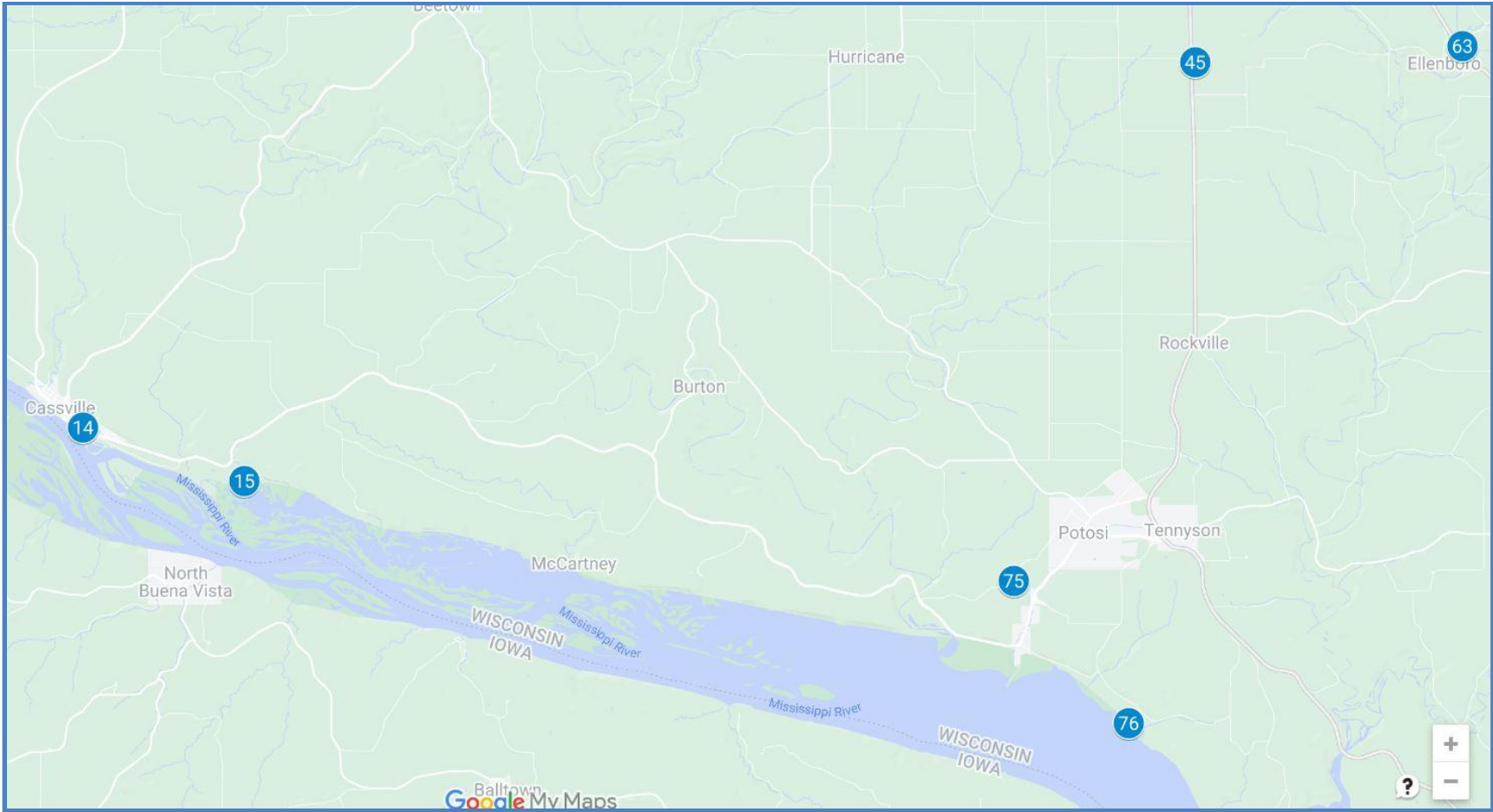
### Hazel Green | Cuba City | Dickeyville Facility Key

- |   |                              |                         |                         |                                    |
|---|------------------------------|-------------------------|-------------------------|------------------------------------|
| 16. Amerigas Eagle Propane LP               | 17. Cuba City WWTP           | 19. Bard Materials      | 20. NAS-Cuba City       | 21. Donnie's Tire & Auto LLC       |
| 22. Mississippi Valley Forest Products, Inc | 23. New Horizons Supply COOP | 33. Premier Cooperative | 34. Premier Cooperative | 35. Safe Food Chemical Innovations |



### Platteville Facility Key

- |                         |                             |                             |                               |                                   |
|-------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------------|
| 60. Brightspeed         | 61. New Horizons Bulk Plant | 62. Allegiant Oil           | 64. Ferrellgas, Inc           | 65. Premier Cooperative           |
| 66. Premier Cooperative | 67. Northern Natural Gas    | 68. Emmi Roth               | 69. Honeywell Safety Products | 70. Platteville Street Department |
| 71. Platteville WWTP    | 72. Southwest Health Center | 73. Southwest Health Center | 74. UW Platteville            |                                   |



Ellenboro | Potosi | Cassville | South Lancaster

14. Premier Cooperative

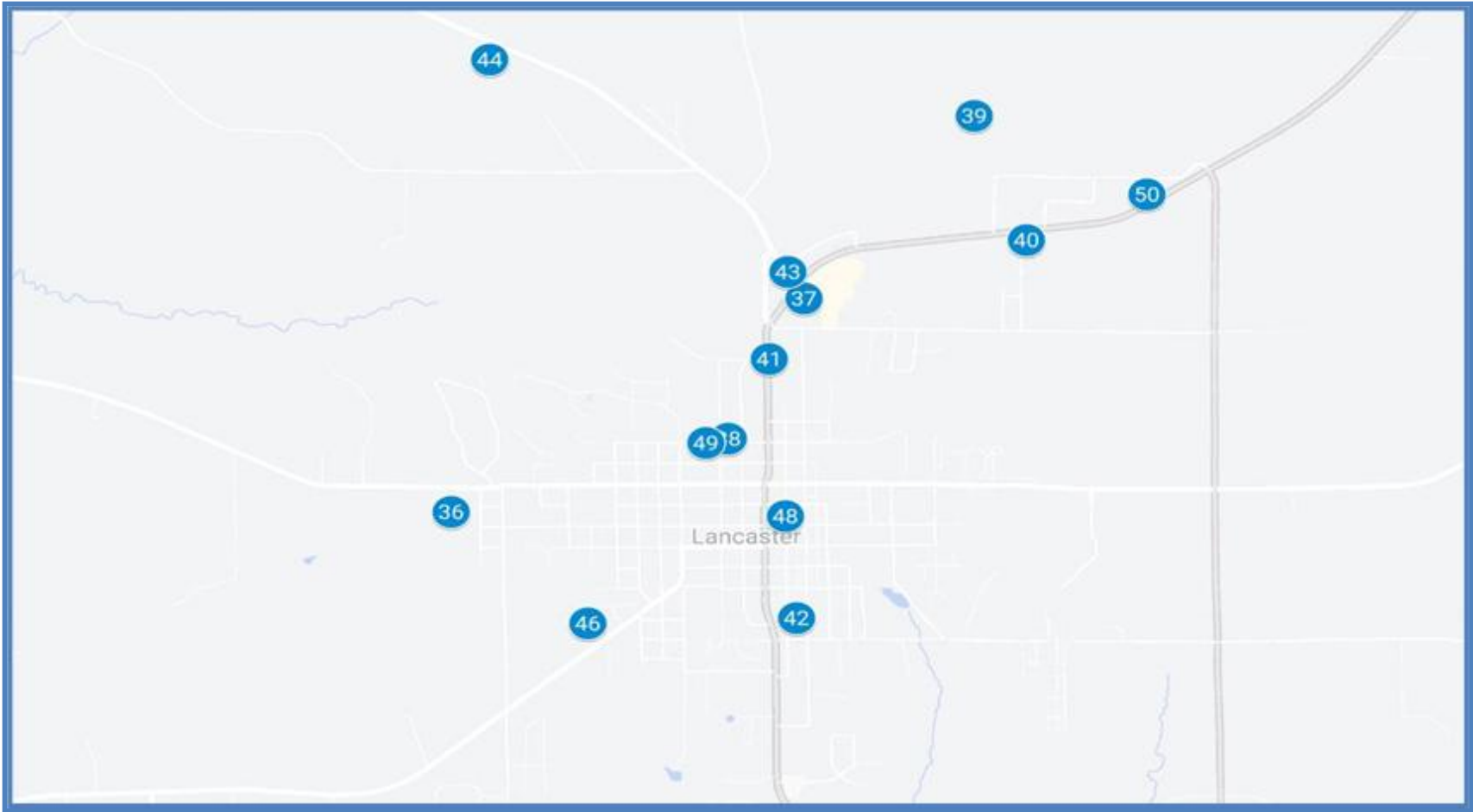
15. BNSF Railway

45. Lancaster Municipal Airport

63. Town Of Ellenboro

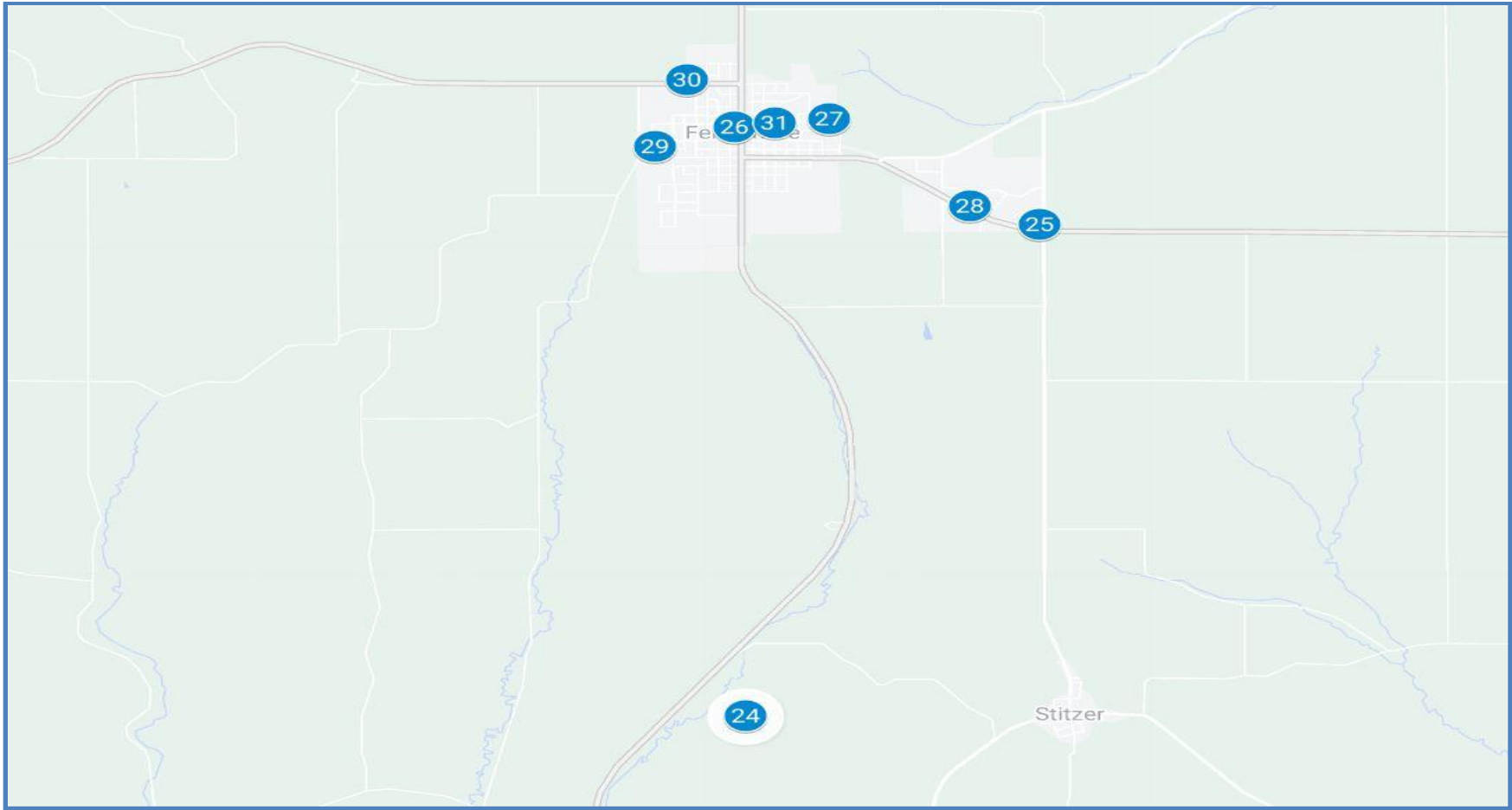
75. Fritz Developments LLC

76. BNSF Railway



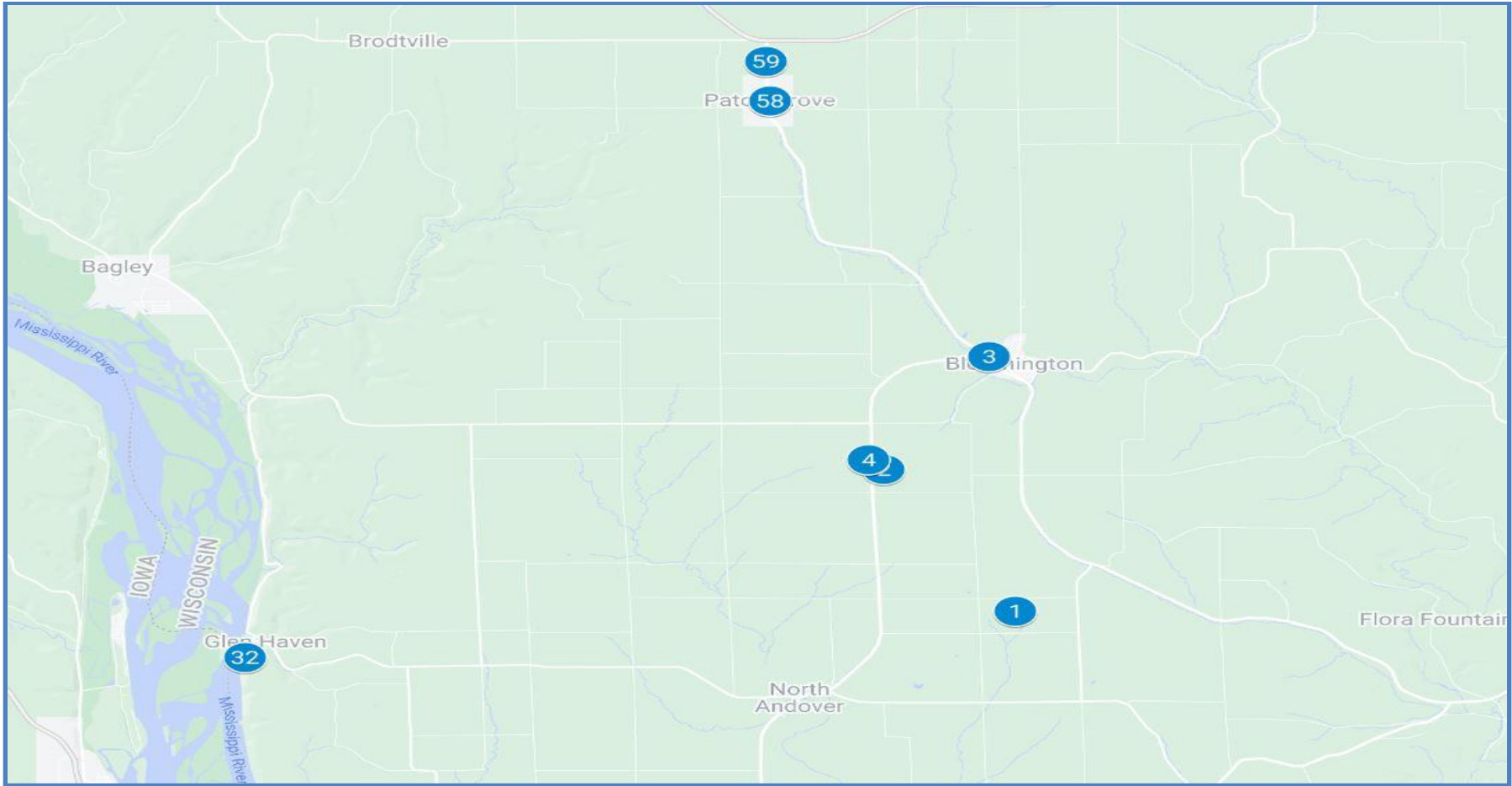
### Lancaster Facility Key

- |                           |                                  |                                 |                              |                       |
|---------------------------|----------------------------------|---------------------------------|------------------------------|-----------------------|
| 36. US Cellular           | 37. New Horizons LP Plant        | 38. New Horizons Petroleum Bulk | 39. Allegiant Oil            | 40. Amcor Packaging   |
| 41. Foremost Farms USA    | 42. Grant Regional Health Center | 43. Lancaster City Garage       | 44. Lancaster City Salt Shed | 46. Lancaster Well #3 |
| 48. TDS Farmers Telephone | 49. Premier Cooperative          | 50. Premier Cooperative         |                              |                       |



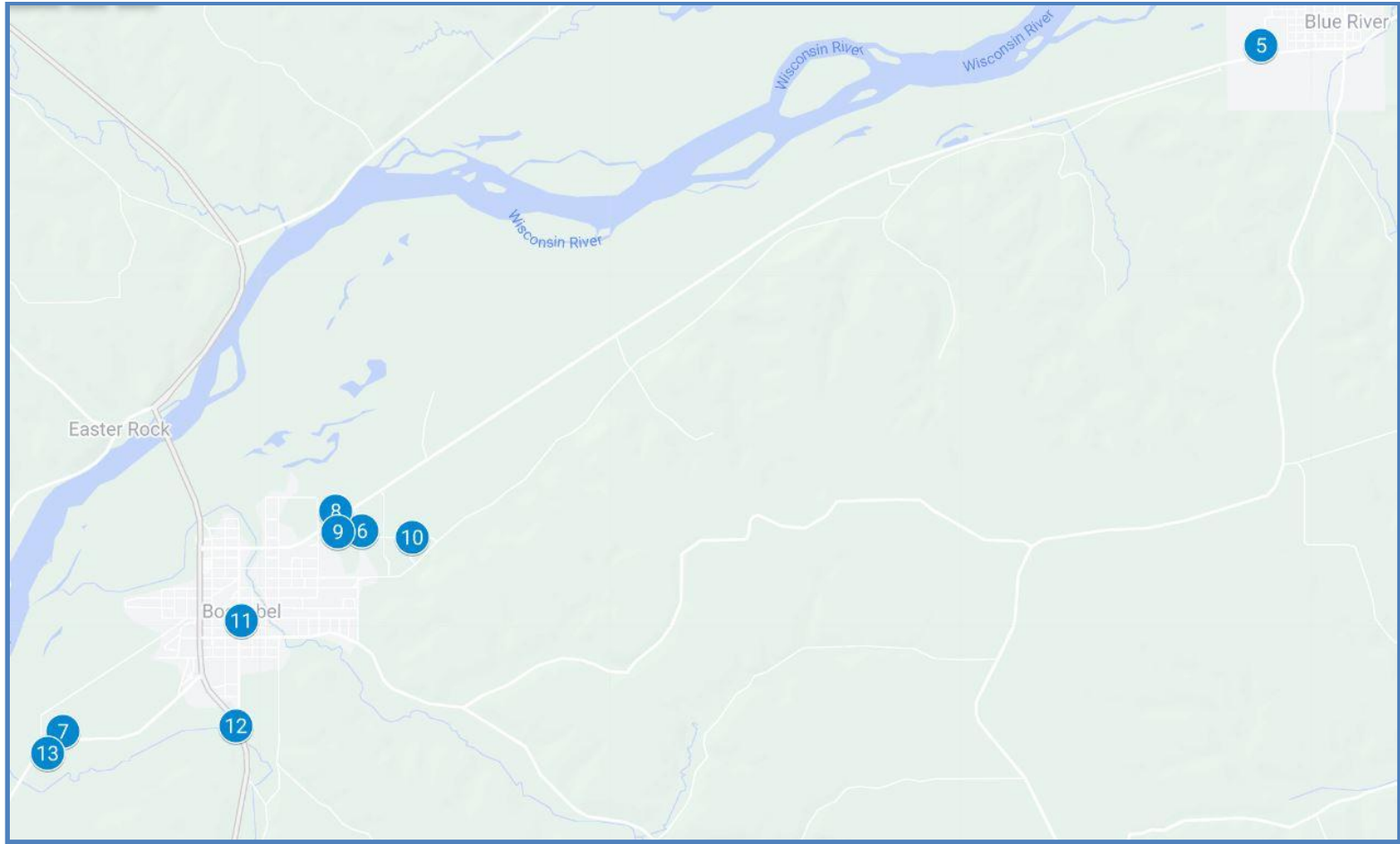
### Fennimore Facility Key

- |                       |                              |                             |                       |
|-----------------------|------------------------------|-----------------------------|-----------------------|
| 24. Bard Materials    | 26. Fennimore Power Plant    | 27. Fennimore Swimming Pool | 28. Fennimore Well #4 |
| 29. Fennimore Well #5 | 30. New Horizons Supply COOP | 31. Salt Shed               |                       |



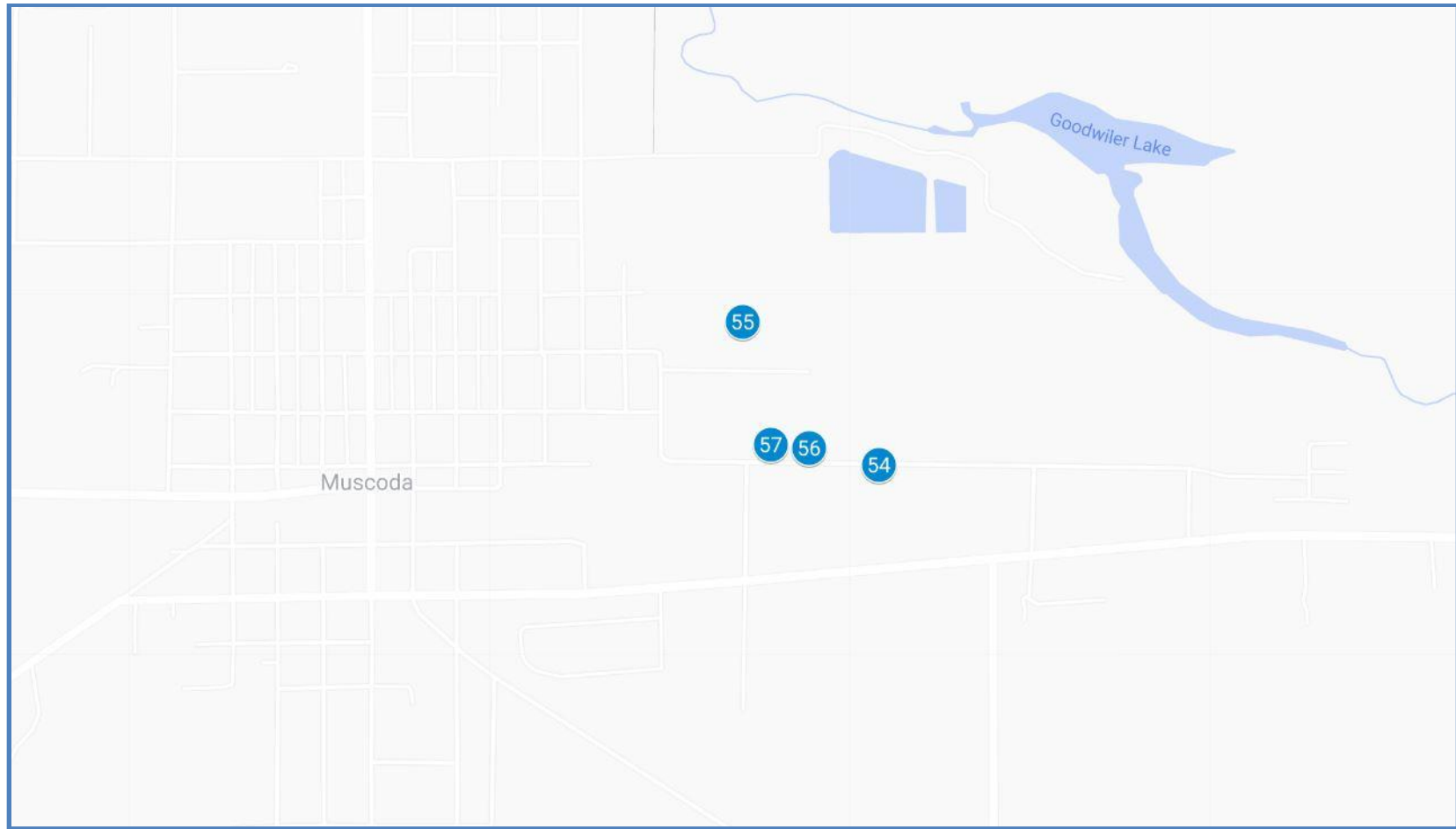
### Glen Haven | Patch Grove | Bloomington Facility Key

- 1. Village of Bloomington
- 2. New Horizons
- 3. Ferrellgas
- 4. Premier Cooperative
- 32. BNSF Railway
- 58. Patch Grove Town Shop
- 59. New Horizons Supply COOP



### Boscobel | Blue River Facility Key

- |                                       |                                  |                     |                         |                  |
|---------------------------------------|----------------------------------|---------------------|-------------------------|------------------|
| 5. New Horizons                       | 6. Amcor Flexibles North America | 7. Actus Nutrition  | 8. Truvant-North        | 9. Truvant-South |
| 10. Wisconsin Secure Program Facility | 11. Brightspeed                  | 12. Ferrellgas, Inc | 13. Premier Cooperative |                  |



### Muscoda Facility Key

54. Brightspeed

55. Scot Industries

56. Meister Cheese

57. Muscoda Protein Products

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
#2 DIESEL FUEL	68476346	85000	36000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
#2 DIESEL FUEL	68476302	145000	135000	SCOT INDUSTRIES, INC.	MUSCODA	Grant	2024
Acetic Acid, 56%	64197	5228	4189	Safe Foods Chemical Innovations	Kieler	Grant	2024
Actamaster Soluble Spray	7783202	10256	7213	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Acuron	87392129	25975	19838	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
ACURON	1912249	44100	3000	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
ACURON		20000	8000	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024
Acuron		11000	4000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
ACURON		10000	3000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Acuron GT	87392129	14807	11312	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Acuron GT		30000	3000	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
ACURON GT		10000	4000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
Acusol 445N	9003047	813825	383116	Safe Foods Chemical Innovations	Kieler	Grant	2024
Adogen 477 D	68607294	80630	80630	Safe Foods Chemical Innovations	Kieler	Grant	2024
AGG LIME- LIMESTONE		1000000	500000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
AL-TROL	1310583	20896	7376	Safe Foods Chemical Innovations	Kieler	Grant	2024
ALPET D2	67630	23809	12650	Safe Foods Chemical Innovations	Kieler	Grant	2024
Aluminum sulfate	10043013	320	320	VILLAGE OF BLOOMINGTON	BLOOMINGTON	Grant	2024
AMMONIA	7664417	5223	5223	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Ammonia (anhydrous)	7664417	9500	9500	Meister Cheese Company	MUSCODA	Grant	2024
AMMONIA (ANHYDROUS)	7664417	12968	12968	Muscoda Protein Products	MUSCODA	Grant	2024
AMMONIA (CONC 20% OR GREATER)	7664417	18000	12000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Ammonium Polyphosphate Sol. (10-34-0)	68333799	2097373	781594	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Ammonium Sulfate (Dry)	7783202	436666	193998	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
AMMONIUM SULFATE-CLASS ACT FLEX	7783202	22000	4000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
Ammonyx CDO (MACAT ULTRA CDO)	68155099	144052	51356	Safe Foods Chemical Innovations	Kieler	Grant	2024
ASTM D3487	64742536	154850	154850	Red Barn Wind Farm	Montfort	Grant	2024
ATRAZINE	1912249	19600	4000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
ATRAZINE	1912249	25000	5000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Atrazine 4L	1912249	25162	13280	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
AVIATION GASOLINE	68527275	30000	10000	LANCASTER MUNICIPAL AIRPORT	LANCASTER	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
BARLOX 12 (Ammonyx LO)	70592802	260718	137714	Safe Foods Chemical Innovations	Kieler	Grant	2024
Batteries-Lithium Ion		7111231	711231	Wisconsin Power and Light Company - Grant County Battery Storage	Potosi	Grant	2024
BATTERY ACID	7664939	3060	3060	Amcor Flexibles North America	BOSCOBEL	Grant	2024
BC-314	8042475	107270	59933	Safe Foods Chemical Innovations	Kieler	Grant	2024
BEDDING SAND		1000000	500000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
Benzostat	100516	10075	7377	Safe Foods Chemical Innovations	Kieler	Grant	2024
Bio-Chlor NP		2351	1017	Muscoda Protein Products	MUSCODA	Grant	2024
Bio-Foam		4553	3937	Meister Cheese Company	MUSCODA	Grant	2024
Bio-Foam		4553	1707	Muscoda Protein Products	MUSCODA	Grant	2024
Bio-Soft N25-12	68131395	24941	16450	Safe Foods Chemical Innovations	Kieler	Grant	2024
Bio-Terge PAS-8S	5324845	63456	27081	Safe Foods Chemical Innovations	Kieler	Grant	2024
Biolox NP 2 NF		12735	5398	Meister Cheese Company	MUSCODA	Grant	2024
Biolox NP-2 NF		48980	21424	Muscoda Protein Products	MUSCODA	Grant	2024
BioProtect AM500		18787	17782	Safe Foods Chemical Innovations	Kieler	Grant	2024
BlackMax 22	1310583	10110	4404	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Bleachex 101	15630894	13761	3465	Safe Foods Chemical Innovations	Kieler	Grant	2024
BSI-500		12976	2802	Safe Foods Chemical Innovations	Kieler	Grant	2024
BTC 2125M-80%	85409230	74925	46723	Safe Foods Chemical Innovations	Kieler	Grant	2024
CALCIUM CHLORIDE	10043524	13500	10000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
Calcium Sulfate	13397245	534654	257612	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Calcium Sulfate Hemithydrate	10034761	12756	6000	Champion Homes Plant 243	Lancaster	Grant	2024
CALCIUM, CHLORIDE	10043524	16000	10000	BARD Materials Fennimore	FENNIMORE	Grant	2024
CALSOFT L-40		393749	251429	Safe Foods Chemical Innovations	Kieler	Grant	2024
CARBON DIOXIDE	124389	35000	35000	Truvariant - North	Boscobel	Grant	2024
CARBON DIOXIDE	124389	70000	70000	Truvariant - South	Boscobel	Grant	2024
Castercote	8042475	35109	21811	Safe Foods Chemical Innovations	Kieler	Grant	2024
Castor Oil	8001794	26224	15555	Safe Foods Chemical Innovations	Kieler	Grant	2024
Caustic Soda 50%	1310732	15568	8921	Meister Cheese Company	MUSCODA	Grant	2024
Caustic Soda 50%	1310732	63725	34462	Muscoda Protein Products	MUSCODA	Grant	2024
CAUSTIC SODA LIQUID 50%		21000	11375	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
Charcote		13229	8605	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Chemtreat - BL1544		3528	3528	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
CHLORINE	7782505	600	300	FENNIMORE WELL #4	FENNIMORE	Grant	2024
CHLORINE	7782505	600	300	FENNIMORE WELL #5	FENNIMORE	Grant	2024
CHLORINE	7782505	450	450	LANCASTER WATER UTILITY WELL #3	LANCASTER	Grant	2024
CHLORINE GAS	7782505	1500	750	PLATTEVILLE WASTEWATER TREATMENT	PLATTEVILLE	Grant	2024
CHLORO CLEAN NO. 269		9039	5478	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
Choice Trio	102716	11069	6049	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
CHROMIC ACID AND CHROMATES	1333820	400000	300000	SCOT INDUSTRIES, INC.	MUSCODA	Grant	2024
Citric Acid (Neutraleze)	77929	5547	3372	Safe Foods Chemical Innovations	Kieler	Grant	2024
CO-1214 Fatty Alcohol	67762418	13783	7228	Safe Foods Chemical Innovations	Kieler	Grant	2024
COAL FLY ASH	12168853	160000	80000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
COAL FLY ASH	12168853	160000	80000	BARD Materials Fennimore	FENNIMORE	Grant	2024
CONCRETE SAND		4000000	2000000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
CONCRETE SAND		4050000	3000000	BARD Materials Fennimore	FENNIMORE	Grant	2024
CONCRETE STONE		3600000	2000000	BARD Materials Fennimore	FENNIMORE	Grant	2024
CONCRETE STONE-LIMESTONE		4000000	2000000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
Cornerstone 5 Plus		20000	6000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
D-Limonene	5989275	67983	28411	Safe Foods Chemical Innovations	Kieler	Grant	2024
D7 Part 1	68424851	23864	19015	Safe Foods Chemical Innovations	Kieler	Grant	2024
DDBSA (DODECYLBENZENESULFONIC ACID)	68584225	518853	321658	Safe Foods Chemical Innovations	Kieler	Grant	2024
Deep Clean 1000	68424851	19275	9672	Safe Foods Chemical Innovations	Kieler	Grant	2024
Deep Clean 1010		10104	5583	Safe Foods Chemical Innovations	Kieler	Grant	2024
Diacetin	25395317	133294	128911	Safe Foods Chemical Innovations	Kieler	Grant	2024
Diesel	68476346	226890	136134	New Horizons - Platteville Bulk Plant	PLATTEVILLE	Grant	2024
diesel exhaust fluid		73538	73538	Kwik Trip #1196	Platteville	Grant	2024
diesel exhaust fluid		71802	71802	Kwik Trip #755	Fennimore	Grant	2024
Diesel Fuel	68476346	440440	293668	New Horizons - Bloomington Petroleum/LP	BLOOMINGTON	Grant	2024
DIESEL FUEL	68476346	291720	175032	New Horizons - Petroleum Bulk Plant Lancaster	LANCASTER	Grant	2024
DIESEL FUEL		20727	57	TOWN OF ELLENBORO	PLATTEVILLE	Grant	2024
DIESEL FUEL - #2	68476335	1222844	1222844	WISCONSIN SECURE PROGRAM FACILITY	BOSCOBEL	Grant	2024
Diocetyl Sulfosuccinate 70%	577117	28854	27209	Safe Foods Chemical Innovations	Kieler	Grant	2024
Dowanol PM		32260	30704	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Dowanol PnB	5131668	29475	26206	Safe Foods Chemical Innovations	Kieler	Grant	2024
Dowanol TPM (Glycol Ether TPM)	25498491	188346	76535	Safe Foods Chemical Innovations	Kieler	Grant	2024
DOWFAX 3B2 (DECY(SULPHOPHEOXY) BENZENESULFONIC ACID,DISODIUM)	36445713	539939	286950	Safe Foods Chemical Innovations	Kieler	Grant	2024
DPM (DIPROPYLENE GLYCOL METHYL ETHER)	34590948	33834	27779	Safe Foods Chemical Innovations	Kieler	Grant	2024
DryStep Bicarb Fine Floor Treat		29850	4523	Safe Foods Chemical Innovations	Kieler	Grant	2024
DUOPRIME 90/350 (PC-980)	8042475	1274636	393701	Safe Foods Chemical Innovations	Kieler	Grant	2024
Elctric Forklift Battery 24-100-21		950	950	Safe Foods Chemical Innovations	Kieler	Grant	2024
Electric Forklift Battery 24-85-21		6619	6619	Safe Foods Chemical Innovations	Kieler	Grant	2024
ENGINE/HYDRAULIC OILS		12600	8500	BARD Materials Fennimore	FENNIMORE	Grant	2024
ENLIST - ONE		10000	2000	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024
Enlist One		26885	22845	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Enlist One		8000	4000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Enlist-One		19000	3000	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
ESCA Tripeclean		26004	1774	Safe Foods Chemical Innovations	Kieler	Grant	2024
ETHANOL	64175	8495	5002	Amcor Flexibles North America	BOSCOBEL	Grant	2024
ETHANOL SDA 3A 190	64175	15798	8404	Safe Foods Chemical Innovations	Kieler	Grant	2024
Ethene, tetrafluoro-	116143	51788	51788	Wisconsin Power and Light Company - Grant County	Potosi	Grant	2024
Ethoxylated C9-11 Alcohol, 8 EO	68439463	327649	170971	Safe Foods Chemical Innovations	Kieler	Grant	2024
ETHYL ACETATE	141786	36411	31408	Amcor Packaging, Inc	LANCASTER	Grant	2024
ETHYL ALCOHOL	64175	31212	20752	Amcor Packaging, Inc	LANCASTER	Grant	2024
Ethylene Glycol Butyl Ether	111762	48468	27676	Safe Foods Chemical Innovations	Kieler	Grant	2024
Everclear	1310732	132730	70584	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1417		2892	2892	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1432		20172	5333	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1456		3577	990	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1556		18697	1760	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1572 HDC		29585	1343	Safe Foods Chemical Innovations	Kieler	Grant	2024
FB-1732	1310583	26778	9821	Safe Foods Chemical Innovations	Kieler	Grant	2024
FERRIC CHLORIDE FECL3	7705080	73386	18000	PLATTEVILLE WASTEWATER TREATMENT	PLATTEVILLE	Grant	2024
FERRIC SULFATE	10028225	63355	40000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Floor-Ex	15630894	40096	16862	Safe Foods Chemical Innovations	Kieler	Grant	2024
Foaming Handsoap	68424851	29419	15802	Safe Foods Chemical Innovations	Kieler	Grant	2024
FORCE (TEFLUTHRIN)	79538322	5000	500	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
FORCE (TEFLUTHRIN)	79538322	7500	1000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
FUEL OIL	64741442	108680	65208	New Horizons - Bloomington Petroleum/LP	BLOOMINGTON	Grant	2024
FUEL OIL	68476346	97240	58344	New Horizons - Petroleum Bulk Plant Lancaster	LANCASTER	Grant	2024
Fuel Oil	68476346	266867	160120	New Horizons - Platteville Bulk Plant	PLATTEVILLE	Grant	2024
Fuel Oil #2	68476302	404838	404838	UW - PLATTEVILLE	PLATTEVILLE	Grant	2024
FUEL OIL NO 2	68476302	36520	36520	SOUTHWEST HEALTH CENTER	PLATTEVILLE	Grant	2024
FUEL OIL NO. 2	68476346	186580	140000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
FUEL OIL, [NO. 2]	68476302	140000	70000	Allegiant Oil	Platteville	Grant	2024
FUEL OIL, [NO. 2]	68476302	21000	21000	City of Cuba City	CUBA CITY	Grant	2024
FUEL OIL, [NO. 2]	68476302	40600	40600	FENNIMORE POWER PLANT	FENNIMORE	Grant	2024
FUEL OIL, [NO. 2]	68476302	1105	1105	SOUTHWEST HEALTH CENTER	PLATTEVILLE	Grant	2024
Fuels, diesel, No 2	68476346	90000	50000	BARD Materials Fennimore	FENNIMORE	Grant	2024
Functional V-422		14451	12293	Safe Foods Chemical Innovations	Kieler	Grant	2024
GASOLINE		4000	2000	DONNIE'S TIRE & AUTO, LLC	DICKEYVILLE	Grant	2024
GASOLINE - UNLEADED	8006619	60480	36288	New Horizons - Petroleum Bulk Plant Lancaster	LANCASTER	Grant	2024
Gemini C-2000		15269	8286	Meister Cheese Company	MUSCODA	Grant	2024
Glucopon 425 N	68515731	21799	17713	Safe Foods Chemical Innovations	Kieler	Grant	2024
Glycol Ether DB	112345	234938	104198	Safe Foods Chemical Innovations	Kieler	Grant	2024
Glycolic Acid	79141	126227	67591	Safe Foods Chemical Innovations	Kieler	Grant	2024
Greenall		19411	7909	Safe Foods Chemical Innovations	Kieler	Grant	2024
H-Sil OE	503174865	22441	20547	Safe Foods Chemical Innovations	Kieler	Grant	2024
Halex GT	87392129	33844	28218	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
HALEX GT		24000	5000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
Halex GT		10000	4000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Harness Xtra 5.6L	34256821	10529	4871	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
HD Laundry	1310583	7766	3316	Safe Foods Chemical Innovations	Kieler	Grant	2024
Heptane	142825	12576	10156	Amcor Packaging, Inc	LANCASTER	Grant	2024
Hostapur SAS-60	68037490	43094	19397	Safe Foods Chemical Innovations	Kieler	Grant	2024
Hydrogen peroxide (Conc.< 52%)	7722841	867392	236809	Safe Foods Chemical Innovations	Kieler	Grant	2024
HYPERFLOC CB 410-60		39000	3250	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
HYPERFLOC CB 478		24560	2047	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
INSTINCT NXTGEN		20000	8000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
INSTINCT NXTGEN		15000	6000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Iodis		12677	8513	Safe Foods Chemical Innovations	Kieler	Grant	2024
Isobutyl alcohol	78831	19856	16742	Safe Foods Chemical Innovations	Kieler	Grant	2024
ISOPROPYL ALCOHOL	67630	25180	18745	Amcor Packaging, Inc	LANCASTER	Grant	2024
Isopropyl Alcohol	67630	15846	11866	Safe Foods Chemical Innovations	Kieler	Grant	2024
Kasil 6	1312761	225807	97419	Safe Foods Chemical Innovations	Kieler	Grant	2024
Kathon CG/ICP II	10377603	30029	15692	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-101 Pine Cleaner Plus	67630	16897	6788	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-105 Laundry Plus		14957	4571	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-106 HD LAUNDRY	25155300	27035	15767	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-117	1310583	14568	8299	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-204	25155300	34677	18580	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-243	7681529	85877	46346	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-260	111762	39750	18241	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-262 Polyfoam	25155300	158323	75727	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-267	111762	60451	36740	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-295	68424851	24597	12468	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-400	7664382	147576	111572	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-403	77929	15724	6193	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-404	7664382	118324	49036	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-406	7664382	73099	45532	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-410	75752	111083	53693	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-411	7697372	62565	40397	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-416		86164	43011	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-431	7664382	87565	52015	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-435		15183	4800	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-45		17101	8680	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-455	7664382	21643	11635	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-499		1543	1049	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-505	1310732	158364	108419	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-520		9209	3975	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-541	1310583	137882	93049	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-545	1310583	330493	162194	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
KC-549	1310732	39611	20930	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-550	1310732	44538	22574	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-553 Sequest		29795	12614	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-555	1310732	339313	212293	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-560		7118	4296	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-562	1310732	3482	2179	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-564	1310732	15792	3718	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-568	1310732	372186	224986	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-605	7681529	27396	7322	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-610	79210	50319	20974	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-615		336660	194191	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-631	7664382	95329	37434	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-634	68424851	38202	12150	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-635 HF	68424851	41891	21164	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-644	68424851	174165	64797	Safe Foods Chemical Innovations	Kieler	Grant	2024
KC-681 Acid Sanitizer	7664382	29288	15154	Safe Foods Chemical Innovations	Kieler	Grant	2024
LACTIC ACID 88% (PC-88)	50215	163611	96416	Safe Foods Chemical Innovations	Kieler	Grant	2024
Lauric Acid	143077	7706	3937	Safe Foods Chemical Innovations	Kieler	Grant	2024
LEAD	7439921	31901	31901	Amcor Flexibles North America	BOSCOBEL	Grant	2024
LEAD	7439921	18985	18985	Amcor Packaging, Inc	LANCASTER	Grant	2024
Lead	7439921	23090	23090	BRIGHTSPEED - Boscobel CO	BOSCOBEL	Grant	2024
Lead	7439921	18960	18960	BRIGHTSPEED - PLATTEVILLE	PLATTEVILLE	Grant	2024
LEAD	7439921	30737	30737	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
LEAD	7439921	8050	8050	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Lead Acid Batteries		1860	1860	TDS Farmers Telephone Company LLC	LANCASTER	Grant	2024
Lead Acid Batteries		10960	10960	Truvariant - North	Boscobel	Grant	2024
Lead Acid Batteries		8211	8211	Truvariant - South	Boscobel	Grant	2024
LEAD ACID BATTERY		595	595	BIRGHTSPEED - MONTFORT CO	MONTFORT	Grant	2024
LEAD ACID BATTERY		2189	2189	BRIGHTSPEED - Boscobel CO	BOSCOBEL	Grant	2024
LEAD ACID BATTERY		900	900	BRIGHTSPEED - Muscoda CO	Muscoda	Grant	2024
LEAD ACID BATTERY		2195	2195	BRIGHTSPEED - PLATTEVILLE	PLATTEVILLE	Grant	2024
Lead Acid Battery		9966	9966	Meister Cheese Company	MUSCODA	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Lead acid battery		7172	7172	Muscoda Protein Products	MUSCODA	Grant	2024
LEAD-ACID BATTERIES		9868	9868	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
Liberty 280SL	77182822	10348	6732	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Lime Hydrated (Calcium hydroxide)	1305620	13500	5725	Safe Foods Chemical Innovations	Kieler	Grant	2024
Limestone	1317653	11317	4500	Champion Homes Plant 243	Lancaster	Grant	2024
LIQUID NITROGEN	7727379	18057	10517	Amcor Packaging, Inc	LANCASTER	Grant	2024
LIQUID PETROLEUM AKA, PROPANE, LP. GAS-LPG	74986	162816	81860	FERRELLGAS, INC.	BLOOMINGTON	Grant	2024
LIQUIFIED PETROLEUM GAS	74986	101760	61860	FERRELLGAS, INC.	PLATTEVILLE	Grant	2024
LIQUIFIED PETROLEUM GAS (LPG)	74986	18000	18000	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
LPA-210 Solvent	64742478	61896	28973	Safe Foods Chemical Innovations	Kieler	Grant	2024
LUTROPUR MSA	75752	755913	254117	Safe Foods Chemical Innovations	Kieler	Grant	2024
Macat Ultra CG	61789400	158572	49236	Safe Foods Chemical Innovations	Kieler	Grant	2024
Mad Dog 5.4	38641940	72981	45278	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
MAGNESIUM BISULFITE SOLUTION	13774259	52000	26000	SCOT INDUSTRIES, INC.	MUSCODA	Grant	2024
Makaze	38641940	11071	7066	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
MANGANESE	7439965	975000	85000	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
Maquat MC1412 80%	68424851	129148	23672	Safe Foods Chemical Innovations	Kieler	Grant	2024
MAQUAT MQ 624M 80%	68424851	21656	13000	Safe Foods Chemical Innovations	Kieler	Grant	2024
Maximum N-Pact	57136	26192	21044	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Mayoquest L-50	31138655	28087	17088	Safe Foods Chemical Innovations	Kieler	Grant	2024
Mazon (Alkylpolyglycoside)	68515731	410223	119432	Safe Foods Chemical Innovations	Kieler	Grant	2024
Micro-Kleen LNP-100		4902	2190	Meister Cheese Company	MUSCODA	Grant	2024
Micro-Kleen LNP-100		8157	5676	Muscoda Protein Products	MUSCODA	Grant	2024
Microlox Special 70 LF		608	608	Muscoda Protein Products	MUSCODA	Grant	2024
MINERAL GRAPHITE	14807966	70000	57513	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
Mineral Oil Type II	64742536	94416	94416	Red Barn Wind Farm	Montfort	Grant	2024
Mirataine ASC	108797848	68375	28246	Safe Foods Chemical Innovations	Kieler	Grant	2024
MIRAVIS NEO		10000	2000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Monoammonium Phosphate (11-52-0)	7722761	1140330	609131	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
N-PROPYL ACETATE	109604	41070	39798	Amcor Flexibles North America	BOSCOBEL	Grant	2024
N-PROPYL ALCOHOL	71238	131385	113539	Amcor Flexibles North America	BOSCOBEL	Grant	2024
Natural Red		14205	6457	Safe Foods Chemical Innovations	Kieler	Grant	2024
NEUTRALEZE LQ	77929	28017	18899	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Ninol C-5	61791080	36396	18282	Safe Foods Chemical Innovations	Kieler	Grant	2024
NITRIC ACID	7697372	82080	60000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Nitric acid	7697372	1361	681	Saputo Cheese USA Inc. - Lancaster	Lancaster	Grant	2024
NITRIC ACID 41BE	7697372	1236517	662281	Safe Foods Chemical Innovations	Kieler	Grant	2024
NITRIPLUS NO. 196		2537	2537	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
NITROGEN	7727379	66000	66000	Truvant - North	Boscobel	Grant	2024
NITROGEN	7727379	66000	66000	Truvant - South	Boscobel	Grant	2024
NO.2 FUEL OIL		36652	36652	GRANT REGIONAL HEALTH CENTER	LANCASTER	Grant	2024
Norkool (Ethylene Glycol)	107211	5000	2000	Northern Natural Gas - Platteville	Platteville	Grant	2024
NORMAL PROPYL ACETATE	109604	41907	24094	Amcor Packaging, Inc	LANCASTER	Grant	2024
NORMAL PROPYL ALCOHOL	71238	154393	92761	Amcor Packaging, Inc	LANCASTER	Grant	2024
Oleic acid	67701080	300430	144841	Safe Foods Chemical Innovations	Kieler	Grant	2024
OxyCIP		25183	2730	Safe Foods Chemical Innovations	Kieler	Grant	2024
Packerlube	8042475	43484	22404	Safe Foods Chemical Innovations	Kieler	Grant	2024
Packers Enzyme Clr Low Foam	68515731	44278	44278	Safe Foods Chemical Innovations	Kieler	Grant	2024
Packers' Blend-NK	8042475	21616	11619	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-1210		28528	15044	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-1230		34398	12334	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-1535	9003116	15248	4060	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-622		22276	11035	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-670 Bicarb	144558	34274	12991	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-672 Bicarb	144558	312750	75236	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-721		16399	10599	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-88	50215	163611	96416	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-991		16713	11149	Safe Foods Chemical Innovations	Kieler	Grant	2024
PC-992 HW	8042475	120822	64454	Safe Foods Chemical Innovations	Kieler	Grant	2024
Peracetic acid	79210	189	189	Emmi Roth Platteville Plant	Platteville	Grant	2024
Peracetic acid	79210	8562	2000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Perafoam		15067	7152	Safe Foods Chemical Innovations	Kieler	Grant	2024
Phosphoric Acid 75%	7664382	1304363	690709	Safe Foods Chemical Innovations	Kieler	Grant	2024
Plantapon 611L UP	68585342	43900	24630	Safe Foods Chemical Innovations	Kieler	Grant	2024
PORTLAND CEMENT	65997151	200000	100000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
PORTLAND CEMENT		200000	100000	BARD Materials Fennimore	FENNIMORE	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Potash, Muriate	7447407	2506878	1585161	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Potassium Bicarbonate	298146	19067	9156	Safe Foods Chemical Innovations	Kieler	Grant	2024
POTASSIUM HYDROXIDE	1310583	172606	120364	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
Potassium Hydroxide 45%	1310583	1448264	541341	Safe Foods Chemical Innovations	Kieler	Grant	2024
Powder Ingredients		10418	5209	Saputo Cheese USA Inc. - Lancaster	Lancaster	Grant	2024
Prefix	87392129	12051	7074	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Prefix		12000	3000	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
Prefix		10000	4000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Promoat (XL,RM,FV)		150920	68510	Safe Foods Chemical Innovations	Kieler	Grant	2024
PROPANE	74986	19125	19125	Actus Nutrition - Boscobel	BOSCOBEL	Grant	2024
Propane	74986	61056	30528	Allegiant Oil	Platteville	Grant	2024
Propane	74986	101760	50880	Allegiant Oil	LANCASTER	Grant	2024
PROPANE	74986	131229	131229	AMERIGAS EAGLE PROPANE LP	CUBA CITY	Grant	2024
PROPANE	74986	33984	33984	BNSF RAILWAY COMPANY	Glen Haven	Grant	2024
PROPANE	74986	36018	36018	BNSF RAILWAY COMPANY	Potosi	Grant	2024
PROPANE	74986	33984	33984	BNSF RAILWAY COMPANY CASSVILLE	Cassville	Grant	2024
PROPANE	74986	162816	101852	FERRELLGAS	BOSCOBEL	Grant	2024
PROPANE	74986	24990	12495	Fritz Developments LLC	POTOSI	Grant	2024
PROPANE	74986	64260	32130	New Horizons - Bloomington Petroleum/LP	BLOOMINGTON	Grant	2024
PROPANE	74986	214200	107100	New Horizons - LP Plant - Lancaster	LANCASTER	Grant	2024
PROPANE	74986	107100	53550	NEW HORIZONS SUPPLY COOPERATIVE - BLUE RIVER	BLUE RIVER	Grant	2024
PROPANE	74986	235620	117810	NEW HORIZONS SUPPLY COOPERATIVE - DICKEYVILLE PROPANE PLANT	DICKEYVILLE	Grant	2024
PROPANE	74986	214200	107100	NEW HORIZONS SUPPLY COOPERATIVE - FENNIMORE BRANCH	FENNIMORE	Grant	2024
PROPANE	74986	214200	107100	NEW HORIZONS SUPPLY COOPERATIVE - PATCH GROVE	PATCH GROVE	Grant	2024
PROPANE	74986	108000	40000	PREMIER COOPERATIVE	CASSVILLE	Grant	2024
PROPANE	74986	108000	45000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
PROPANE	74986	108000	45000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
PROPANE	74986	108000	40000	PREMIER COOPERATIVE	BOSCOBEL	Grant	2024
PROPANE	74986	108000	75000	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024
PROPANE	74986	12750	7500	PREMIER COOPERATIVE	LANCASTER	Grant	2024
Propylene glycol	57556	225463	135342	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Propylene glycol propyl ether	1569013	14316	12579	Amcor Packaging, Inc	LANCASTER	Grant	2024
PSSI E-San		35580	17744	Safe Foods Chemical Innovations	Kieler	Grant	2024
PSSI High Foam Enzyme Digester	61789400	81928	36235	Safe Foods Chemical Innovations	Kieler	Grant	2024
PSSI Low Foam Enzyme Digester	68515731	61866	61866	Safe Foods Chemical Innovations	Kieler	Grant	2024
PURE Hard Surface	77929	30364	22212	Safe Foods Chemical Innovations	Kieler	Grant	2024
QNAP%25208%2520Copper%2520Naphthenate%2520Concentrate	1338029	5123	5123	MISSISSIPPI VALLEY FOREST PRODUCTS, INC.	DICKEYVILLE	Grant	2024
REAGENT SULFURIC ACID SOLUTIONS	7664939	170	140	UW - PLATTEVILLE	PLATTEVILLE	Grant	2024
Resicore	34256821	34499	21657	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Resicore		15000	1000	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024
Resicore		20000	5000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
Restore LF		785	321	Meister Cheese Company	MUSCODA	Grant	2024
Rhodiasolv Infinity	78330208	48238	39726	Safe Foods Chemical Innovations	Kieler	Grant	2024
Riser	6484522	89264	46547	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
RIVER ROCK		5940000	3000000	BARD Materials Fennimore	FENNIMORE	Grant	2024
ROAD ROCK-LIMESTONE		2700000	1000000	Bard Materials Dickeyville	CUBA CITY	Grant	2024
ROAD SALT		36085	300	TOWN OF ELLENBORO	PLATTEVILLE	Grant	2024
ROADSTONE/LIME		1620000	1000000	BARD Materials Fennimore	FENNIMORE	Grant	2024
ROUNDUP POWER MAX 3		15000	3000	PREMIER COOPERATIVE	BLOOMINGTON	Grant	2024
ROUNDUP POWER MAX 3		29000	9000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
ROUNDUP POWERMAX	70901121	36000	2400	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
ROUNDUP WEATHERMAX		10000	8000	PREMIER COOPERATIVE	LANCASTER	Grant	2024
SALT	7647145	50000	50000	VILLAGE OF BLOOMINGTON	BLOOMINGTON	Grant	2024
San-Tec 6		15888	6269	Meister Cheese Company	MUSCODA	Grant	2024
Santec 6		9358	5635	Muscoda Protein Products	MUSCODA	Grant	2024
Scaldex		5521	5128	Safe Foods Chemical Innovations	Kieler	Grant	2024
Soda Ash	497198	15925	9410	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Bicarbonate	144558	132425	63027	Safe Foods Chemical Innovations	Kieler	Grant	2024
SODIUM CHLORIDE	7647145	999000	1095	CUBA CITY WASTEWATER TREATMENT PLANT	CUBA CITY	Grant	2024
SODIUM CHLORIDE	7647145	400000	240000	LANCASTER CITY GARAGE	LANCASTER	Grant	2024
Sodium Chloride	7647145	350000	350000	Lancaster City Salt Storage	Lancaster	Grant	2024
SODIUM CHLORIDE	7647145	1000000	600000	SALT SHED	FENNIMORE	Grant	2024
SODIUM CHLORIDE "ROCK SALT"	7647145	177000	40000	UW - PLATTEVILLE	PLATTEVILLE	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
sodium chloride "water softener pellets"		40000	20000	UW - PLATTEVILLE	PLATTEVILLE	Grant	2024
sodium chloride/gravel		90000	90000	PATCH GROVE TOWN SHOP	PATCH GROVE	Grant	2024
Sodium Citrate	68042	2820	1639	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Gluconate 60%	527071	675919	243662	Safe Foods Chemical Innovations	Kieler	Grant	2024
SODIUM HYDROXIDE	1310732	91426	68500	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
SODIUM HYDROXIDE	1310732	64000	32000	SCOT INDUSTRIES, INC.	MUSCODA	Grant	2024
Sodium Hydroxide 50%	1310732	598738	59873	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Hydroxide, Beads	1310732	179770	76018	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium hypochlorite	7681529	2540	1270	FENNIMORE SWIMMING POOL	FENNIMORE	Grant	2024
SODIUM HYPOCHLORITE	7681529	18000	15000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Sodium Hypochlorite 12.5%	7681529	3000910	1855870	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Lauryl Sulfate, 30%		87844	43962	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Metasilicate, anhydrous	6834920	9406	4911	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Metasilicate, pentahydrate	10213793	29710	11369	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Percarbonate Coated	15630894	107538	32382	Safe Foods Chemical Innovations	Kieler	Grant	2024
Sodium Silicate 40%	1344098	188976	110702	Safe Foods Chemical Innovations	Kieler	Grant	2024
Soybean Oil		30967	26310	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Stepanate SXS	1300727	85646	50607	Safe Foods Chemical Innovations	Kieler	Grant	2024
Storen	87392129	20953	14498	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Strike Force	63148629	14568	12631	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Sulfamic Acid	5329146	13100	7561	Safe Foods Chemical Innovations	Kieler	Grant	2024
SULFUR DIOXIDE	7446095	900	450	PLATTEVILLE WASTEWATER TREATMENT	PLATTEVILLE	Grant	2024
Sulfuric acid	7664939	3937	3937	Amcor Packaging, Inc	LANCASTER	Grant	2024
Sulfuric acid	7664939	2805	2805	Emmi Roth Platteville Plant	Platteville	Grant	2024
SULFURIC ACID	7664939	7685	7685	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
SULFURIC ACID	7664939	9019	6000	FOREMOST FARMS USA COOPERATIVE	LANCASTER	Grant	2024
Sulfuric Acid	7664939	708	708	Hill Valley Substation	Montfort	Grant	2024
SULFURIC ACID	7664939	2178	2178	Honeywell Safety Products	PLATTEVILLE	Grant	2024
Sulfuric Acid		1377	287	Muscoda Protein Products	MUSCODA	Grant	2024
SULFURIC ACID	7664939	76000	38000	SCOT INDUSTRIES, INC.	MUSCODA	Grant	2024
Sulfuric acid	7664939	590	590	US Cellular Lancaster (785312)	Lancaster	Grant	2024
SULFURIC ACID 50% FREMONT 9143 COOLING TOWER TREA	7664939	2000	1000	UW - PLATTEVILLE	PLATTEVILLE	Grant	2024
SuperPhosphate, Triple	7758238	150560	104329	Nutrien Ag Solutions 2992	Stitzer	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Surfonic N95	127087870	46208	21384	Safe Foods Chemical Innovations	Kieler	Grant	2024
T Mulz 800	68130472	43160	25110	Safe Foods Chemical Innovations	Kieler	Grant	2024
T-Det LF-416	68603258	14498	14498	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tall Oil Rosin	61790123	44127	42414	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tamen Q-428	68424851	79787	25909	Safe Foods Chemical Innovations	Kieler	Grant	2024
TENDOVO		10000	3000	PREMIER COOPERATIVE	PLATTEVILLE	Grant	2024
Tergitol NP-4	25322683	29700	17631	Safe Foods Chemical Innovations	Kieler	Grant	2024
Thio-Sul	7783188	1105811	548103	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
TKPP, 60% (Tetrapotassium Pyrophosphate)	7320345	1207410	555098	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tomadol 25-9	68131395	54807	26562	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tomadol 91-8 (Alcohols, C9-11, ethoxylated)	68439463	85588	25209	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tripemax B		170813	111420	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tripemax C		10846	5134	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tripemax E		125644	43292	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tripemax LS		44374	16667	Safe Foods Chemical Innovations	Kieler	Grant	2024
Tripex	1305620	16239	7611	Safe Foods Chemical Innovations	Kieler	Grant	2024
Trisidual		15000	4000	PREMIER COOPERATIVE	HAZEL GREEN	Grant	2024
Trollex LQ	1310732	92766	55644	Safe Foods Chemical Innovations	Kieler	Grant	2024
UAN Solution (28%-32%)	57136	15699600	10680000	Nutrien Ag Solutions 2780	Cuba City	Grant	2024
UAN Solution (28%-32%)	57136	5140583	1746981	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Ultra Activator Solution	497198	40065	17319	Safe Foods Chemical Innovations	Kieler	Grant	2024
Ultra Disinfectant Cleaner Solution 1		44888	18518	Safe Foods Chemical Innovations	Kieler	Grant	2024
Ultra Step	15630894	37600	20097	Safe Foods Chemical Innovations	Kieler	Grant	2024
UNLEADED GAS	8006619	28000	14000	Allegiant Oil	Platteville	Grant	2024
UNLEADED GAS with ETHANOL	64742047	191520	114912	New Horizons - Bloomington Petroleum/LP	BLOOMINGTON	Grant	2024
UNLEADED GASOLINE	8006619	192750	115650	New Horizons - Platteville Bulk Plant	PLATTEVILLE	Grant	2024
Urea	57136	1025520	393294	Nutrien Ag Solutions 2992	Stitzer	Grant	2024
Versene 100	64028	466224	278795	Safe Foods Chemical Innovations	Kieler	Grant	2024
Vitech ALB		104424	51783	Safe Foods Chemical Innovations	Kieler	Grant	2024
Vitech APW		118433	43567	Safe Foods Chemical Innovations	Kieler	Grant	2024
WC-110 (Sulfuric Acid 93%)		30750	22306	Safe Foods Chemical Innovations	Kieler	Grant	2024
Whey-Cide		1120	653	Muscoda Protein Products	MUSCODA	Grant	2024
Witcolate LES 60C	68585342	43346	41743	Safe Foods Chemical Innovations	Kieler	Grant	2024

Chemical Name	CAS Number	Max Daily Amount	Ave Daily Amount	Facility Name	City	County	Year
Xiameter MEM-0039	160875661	22506	11200	Safe Foods Chemical Innovations	Kieler	Grant	2024
ZINC OXIDE	1314132	9530	4089	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
ZINC POWDER	7440666	999999	200000	Energizer Manufacturing, INC	FENNIMORE	Grant	2024
Znc 9% EDTA		20000	5000	PREMIER COOPERATIVE	LANCASTER	Grant	2024

# HUMAN HEALTH & SAFETY HAZARD TABLE:

## GRANT COUNTY HAZARD ANALYSIS FOR HUMAN HEALTH & SAFETY

### Hazardous Material Present

ALCOHOLS, N.O.S.  
 AMINES, LIQUID, CORROSIVE, N.O.S.  
 AMMONIA, ANHYDROUS  
 AMMONIUM NITRATE FERTILIZER, UREAS  
 AMMONIUM NITRATE EMULSION  
 BATTERIES; ACID, BASE, LITHIUM, ETC.  
 CHLORINE  
**Class 2 - Compressed gases**  
**Class 6 - Cryogenics**  
**Class 6 - Poisons [Contact/Inhalation]**  
 CORROSIVE LIQUID, BASE/ACID, ORG./INORG, N.O.S.  
 DANGEROUS WHEN WET  
 ELEVATED TEMPERATURE LIQUID, N.O.S.  
 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.  
 ETHANOL AND GASOLINE MIXTURE  
 FERRIC/FERROUS CHLORIDE, SOLUTION  
 FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]  
 FLAMMABLE SOLID  
 FLUOROSULFURIC ACID  
 FORMALDEHYDE SOLUTION  
 HYDROCHLORIC ACID  
 HYDROXIDE SOLUTIONS  
 LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE  
 OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]  
 OXYGEN, COMPRESSED/LIQUID  
 PETROLEUM CRUDE OIL  
 PRIMERS, EXPLOSIVES  
Reactive, High Hazard Cargo  
 RESIN SOLUTION  
 SODIUM CHLORATE  
 SODIUM HYPOCHLORITE  
 SPONTANEOUSLY COMBUSTIBLE  
 SULFUR, MOLTEN  
 SULFUR DIOXIDE  
 SULFURIC ACID  
 VINYL ACETATE, STABILIZED

	Loads During Peak Period			Relative Amount at Point			Severity of Hazard if Released			CoFactor Contribution			Hazard Risk Level		
	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River
ALCOHOLS, N.O.S.	Several	Very Many	Few	High	High	Low	High	High	Significant	Minor	Significant	Measurable	Severe	Extreme	Small
AMINES, LIQUID, CORROSIVE, N.O.S.	Few	Several	Few	High	Low	Low	Significant	High	Significant	Negligible	Measurable	Measurable	Small	Small	Small
AMMONIA, ANHYDROUS	Several	Few	Few	High	Low	Low	Devastating	Devastating	Devastating	Significant	Significant	Major	Extreme	Small	Small
AMMONIUM NITRATE FERTILIZER, UREAS	Very Many	Few	Several	High	Low	High	Moderate	Moderate	Little	Minor	Minor	Major	High	Small	Small
AMMONIUM NITRATE EMULSION	Several	Few	Few	High	Low	Low	Mild	Moderate	Little	Negligible	Measurable	Significant	Moderate	Small	Small
BATTERIES; ACID, BASE, LITHIUM, ETC.	Several	Few	Few	Medium	Low	Low	Mild	Moderate	Little	Minor	Significant	Negligible	Moderate	Small	Small
CHLORINE	Few	Few	Few	Medium	Low	Low	Devastating	Devastating	Devastating	Significant	Total	Major	High	Small	Small
<b>Class 2 - Compressed gases</b>	Several	Few	Few	Medium	Low	Low	Significant	Moderate	Little	Measurable	Significant	Negligible	High	Small	Small
<b>Class 2 - Cryogenics</b>	Very Many	Few	Few	High	Low	Low	High	High	Moderate	Major	Measurable	Measurable	Extreme	Small	Small
<b>Class 6 - Poisons [Contact/Inhalation]</b>	Several	Few	Few	High	Low	Low	Devastating	Devastating	High	Minor	Total	Total	Severe	Small	Small
CORROSIVE LIQUID, BASE/ACID, ORG./INORG, N.O.S.	Very Many	Several	Few	High	Low	Medium	Extreme	Extreme	Significant	Significant	Major	Significant	Extreme	Small	Small
DANGEROUS WHEN WET	Few	Few	Few	Medium	Low	Low	High	Devastating	Devastating	Negligible	Significant	Total	Moderate	Small	Small
ELEVATED TEMPERATURE LIQUID, N.O.S.	Very Many	Very Many	Few	High	Low	Very Low	High	High	High	Significant	Significant	Major	Extreme	High	Small
ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.	Several	Very Many	Few	High	Low	Low	High	High	High	Measurable	Major	Significant	Severe	High	Small
ETHANOL AND GASOLINE MIXTURE	Few	Few	Few	High	Low	Low	Extreme	Extreme	High	Measurable	Measurable	Major	High	Small	Small
FERRIC/FERROUS CHLORIDE, SOLUTION	Few	Few	Few	High	Low	Low	Moderate	Moderate	Moderate	Negligible	Minor	Negligible	Moderate	Small	Small
FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]	Very Many	Very Many	Several	High	High	Low	Extreme	High	High	Major	Major	Significant	Extreme	Extreme	High
FLAMMABLE SOLID	Few	Several	Very Many	High	Low	High	Significant	High	Little	Measurable	Minor	Negligible	Moderate	Small	High
FLUOROSULFURIC ACID	Few	Few	Few	Medium	Low	Low	Devastating	Devastating	High	Minor	Minor	Minor	Moderate	Small	Small
FORMALDEHYDE SOLUTION	Few	Few	Few	Medium	Low	Low	Devastating	Devastating	Extreme	Major	Significant	Significant	Small	Small	Small
HYDROCHLORIC ACID	Several	Few	Few	High	Low	Low	Extreme	Extreme	Extreme	Minor	Significant	Significant	Severe	Small	Small
HYDROXIDE SOLUTIONS	Several	Several	Few	High	Low	Low	Extreme	Extreme	Extreme	Minor	Significant	Significant	Severe	Small	Small
LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE	Very Many	Very Many	Few	High	High	Low	Devastating	Devastating	Devastating	Significant	Major	Major	Exceptional	Extreme	Small
OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]	Very Many	Several	Few	High	Low	Low	Extreme	Extreme	High	Negligible	Significant	Measurable	Extreme	Small	Small
OXYGEN, COMPRESSED/LIQUID	Several	Few	Few	High	Low	Low	Significant	Significant	Little	Negligible	Negligible	None	High	Small	Small
PETROLEUM CRUDE OIL	Few	Very Many	Few	Low	High	Low	Extreme	Extreme	Significant	None	Major	Major	Small	Extreme	Small
PRIMERS, EXPLOSIVES	Several	Few	Few	Medium	Low	Low	Devastating	Devastating	Mild	Minor	Major	Major	Severe	Small	Small
<u>Reactive, High Hazard Cargo</u>	Several	Several	Few	High	Low	Low	Devastating	Devastating	Extreme	Measurable	Total	Total	Extreme	Severe	Small
RESIN SOLUTION	Very Many	Several	Few	High	Low	Low	Significant	Significant	Little	Negligible	Minor	Minor	High	Small	Small
SODIUM CHLORATE	Few	Few	Few	Medium	Low	Low	Significant	Significant	Little	Measurable	Measurable	Negligible	Small	Small	Small
SODIUM HYPOCHLORITE	Very Many	Few	Few	High	Low	Low	High	High	Mild	Measurable	Minor	Negligible	Severe	Small	Small
SPONTANEOUSLY COMBUSTIBLE	Few	Few	Few	Medium	Low	Low	High	High	High	Negligible	Significant	Major	Moderate	Small	Small
SULFUR, MOLTEN	Few	Few	Few	Low	Low	Low	Extreme	Extreme	Devastating	Major	Major	Major	Small	Small	Small
SULFUR DIOXIDE	Few	Few	Few	Low	Low	Low	Devastating	Devastating	Devastating	Total	Total	Total	Small	Small	Small
SULFURIC ACID	Several	Few	Few	High	Low	Low	Devastating	Devastating	Devastating	Significant	Major	Total	Extreme	Moderate	Small
VINYL ACETATE, STABILIZED	Few	Few	Few	Medium	Low	Low	Extreme	Extreme	Extreme	Negligible	Negligible	Negligible	Small	Small	Small

# HUMAN HEALTH & SAFETY DATA ENTRY TABLE:

## GRANT COUNTY HAZARD ANALYSIS FOR HUMAN HEALTH & SAFETY

### Hazardous Material Present

	Loads During Peak Period			Relative Amount at Point			Severity of Hazard if Released			CoFactor Contribution			Hazard Risk Level		
	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River
ALCOHOLS, N.O.S.	50	100	0	82	310	0	125	130	105	1.12	1.45	1.25	11,480	116,870	-
AMINES, LIQUID, CORROSIVE, N.O.S.	10	45	0	65	22	0	118	132	107	1.03	1.25	1.25	1,580	3,267	-
AMMONIA, ANHYDROUS	45	5	10	82	4	18	210	210	205	1.45	1.45	1.70	22,472	122	1,255
AMMONIUM NITRATE FERTILIZER, UREAS	75	20	34	82	17	153	62	65	5	1.12	1.12	1.70	8,541	495	884
AMMONIUM NITRATE EMULSION	62	15	5	75	6	10	31	90	27	1.03	1.25	1.45	2,969	203	39
BATTERIES, ACID, BASE, LITHIUM, ETC.	55	17	0	45	8	0	31	68	5	1.12	1.45	1.03	1,719	268	-
CHLORINE	15	0	5	50	0	5	210	205	182	1.45	2.00	1.70	4,568	-	155
<b>Class 2 - Compressed gases</b>	65	15	0	35	6	0	95	90	5	1.25	1.45	1.03	5,403	235	-
<b>Class 2 - Cryogenics</b>	100	15	0	82	6	0	150	150	90	1.70	1.25	1.25	41,820	338	-
<b>Class 6 - Poisons [Contact/Inhalation]</b>	50	12	5	75	4	5	195	201	145	1.12	2.00	2.00	16,380	386	145
CORROSIVE LIQUID, BASE/ACID, ORG/INORG, N.O.S.	92	40	10	75	20	65	160	165	95	1.45	1.70	1.45	32,016	4,488	1,791
DANGEROUS WHEN WET	25	18	0	40	8	0	140	181	208	1.03	1.45	2.00	2,884	756	-
ELEVATED TEMPERATURE LIQUID, N.O.S.	95	70	10	82	62	60	135	125	150	1.45	1.45	1.70	30,498	15,733	3,060
ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.	45	85	5	82	93	10	137	150	130	1.25	1.70	1.45	12,638	40,316	189
ETHANOL AND GASOLINE MIXTURE	25	15	0	82	6	0	152	155	147	1.25	1.25	1.70	7,790	349	-
FERRIC/FERROUS CHLORIDE, SOLUTION	22	10	0	75	6	0	90	80	80	1.03	1.12	1.03	3,059	108	-
FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]	100	100	60	82	300	52	152	150	145	1.70	1.70	1.45	42,378	153,000	13,120
FLAMMABLE SOLID	15	35	87	60	21	155	120	137	27	1.25	1.12	1.03	2,700	2,256	7,500
FLUOROSILICIC ACID	10	5	0	45	4	0	190	205	121	1.12	1.12	1.12	1,915	92	-
FORMALDEHYDE SOLUTION	5	6	0	55	4	0	182	207	151	1.70	1.45	1.45	1,702	144	-
HYDROCHLORIC ACID	60	26	0	65	31	0	165	168	175	1.12	1.45	1.45	14,414	3,927	-
HYDROXIDE SOLUTIONS	55	35	0	65	45	0	162	175	175	1.12	1.45	1.45	12,973	7,993	-
LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE	100	100	3	75	295	5	205	207	190	1.45	1.70	1.70	44,588	207,621	97
OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]	87	50	15	75	16	20	160	165	125	1.03	1.45	1.25	21,506	3,828	938
OXYGEN, COMPRESSED/LIQUID	65	12	0	65	6	0	115	120	30	1.03	1.03	1.00	10,009	178	-
PETROLEUM CRUDE OIL	0	100	0	0	414	0	151	151	95	1.00	1.70	1.70	-	212,548	-
PRIMERS, EXPLOSIVES	65	15	0	50	10	0	208	208	60	1.12	1.70	1.70	15,142	1,061	-
<b>Reactive, High Hazard Cargo</b>	62	65	5	60	88	15	201	210	175	1.25	2.00	2.00	18,693	48,048	525
RESIN SOLUTION	70	40	5	75	62	5	92	95	30	1.03	1.12	1.12	9,950	5,277	17
SODIUM CHLORATE	2	10	0	45	6	0	105	105	30	1.25	1.25	1.03	236	158	-
SODIUM HYPOCHLORITE	70	5	0	75	6	0	135	140	50	1.25	1.12	1.03	17,719	94	-
SPONTANEOUSLY COMBUSTIBLE	25	5	0	40	4	0	145	150	130	1.03	1.45	1.70	2,987	87	-
SULFUR, MOLTEN	0	30	0	0	34	0	180	175	185	1.70	1.70	1.70	-	6,069	-
SULFUR DIOXIDE	5	5	1	25	4	5	210	210	210	2.00	2.00	2.00	1,050	168	42
SULFURIC ACID	65	30	0	78	58	0	196	200	205	1.45	1.70	2.00	28,818	11,832	-
VINYL ACETATE, STABILIZED	2	25	0	45	37	0	155	170	160	1.03	1.03	1.03	287	3,239	-

# PROPERTY & ENVIRONMENT HAZARD TABLE:

GRANT COUNTY HAZARD ANALYSIS FOR PROPERTY & ENVIRONMENT

## Hazardous Material Present

ALCOHOLS, N.O.S.  
 AMINES, LIQUID, CORROSIVE, N.O.S.  
 AMMONIA, ANHYDROUS  
 AMMONIUM NITRATE FERTILIZER, UREAS  
 AMMONIUM NITRATE EMULSION  
 BATTERIES; ACID, BASE, LITHIUM, ETC.  
 CHLORINE  
**Class 2 - Compressed gases**  
**Class 3 - Cryogenics**  
**Class 6 - Poisons [Contact/Inhalation]**  
 CORROSIVE LIQUID, BASE/ACID, ORG/INORG, N.O.S.  
 DANGEROUS WHEN WET  
 ELEVATED TEMPERATURE LIQUID, N.O.S.  
 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.  
 ETHANOL AND GASOLINE MIXTURE  
 FERRIC/FERROUS CHLORIDE, SOLUTION  
 FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]  
 FLAMMABLE SOLID  
 FLUOROSILICIC ACID  
 FORMALDEHYDE SOLUTION  
 HYDROCHLORIC ACID  
 HYDROXIDE SOLUTIONS  
 LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE  
 OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]  
 OXYGEN, COMPRESSED/LIQUID  
 PETROLEUM CRUDE OIL  
 PRIMERS, EXPLOSIVES  
**Reactive, High Hazard Cargo**  
 RESIN SOLUTION  
 SODIUM CHLORATE  
 SODIUM HYPOCHLORITE  
 SPONTANEOUSLY COMBUSTIBLE  
 SULFUR, MOLTEN  
 SULFUR DIOXIDE  
 SULFURIC ACID  
 VINYL ACETATE, STABILIZED

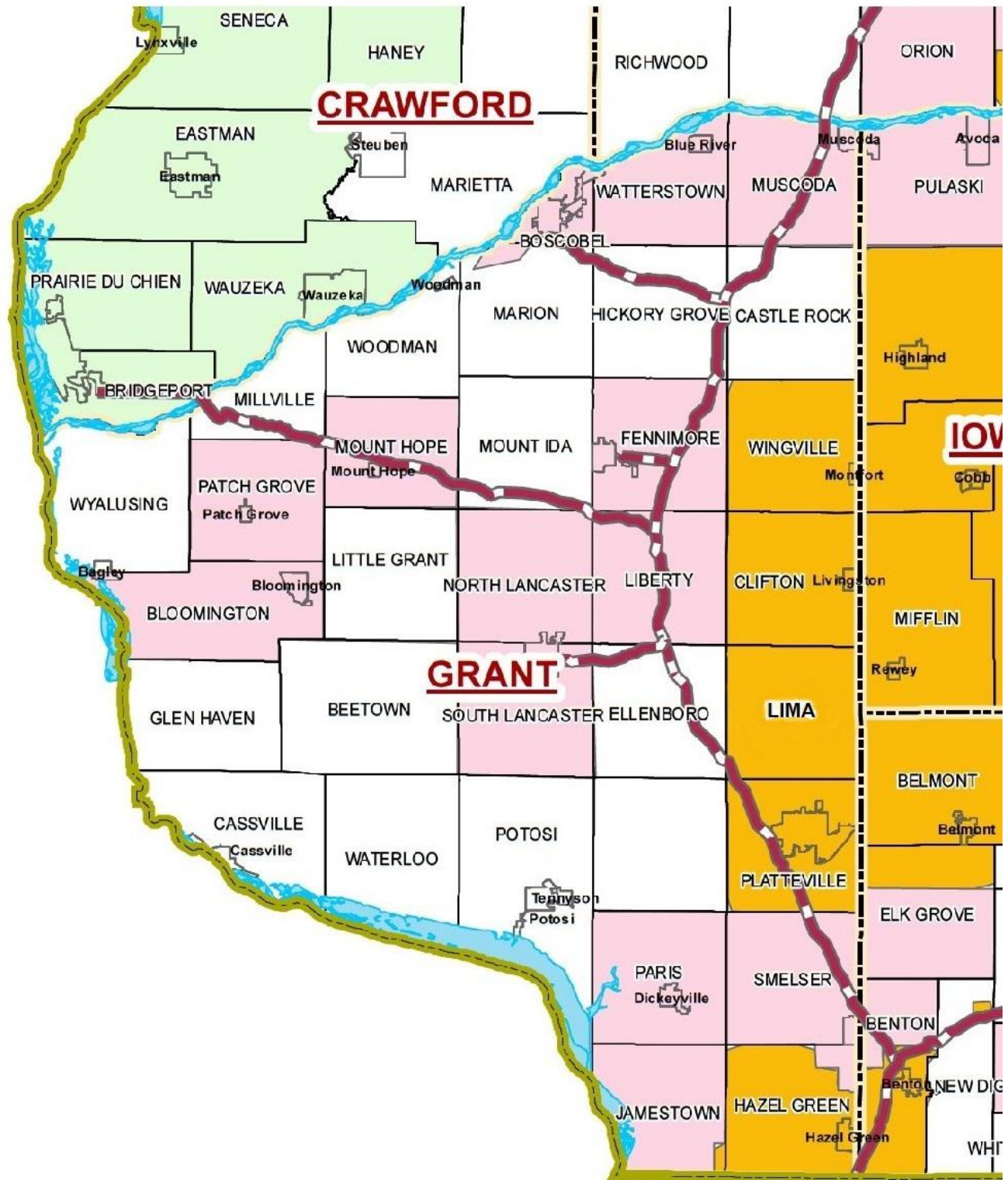
	Loads During Peak Period			Relative Amount at Point			Severity of Hazard if Released			CoFactor Contribution			Hazard Risk Level		
	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River
ALCOHOLS, N.O.S.	Several	Very Many	Few	High	High	Low	High	Extreme	Devastating	Minor	Measurable	Minor	Severe	Extreme	Small
AMINES, LIQUID, CORROSIVE, N.O.S.	Few	Several	Few	High	Low	Low	Moderate	Significant	High	Significant	Significant	Significant	Small	Small	Small
AMMONIA, ANHYDROUS	Several	Few	Few	High	Low	Low	Mild	Moderate	Devastating	None	None	Major	High	Small	Small
AMMONIUM NITRATE FERTILIZER, UREAS	Very Many	Few	Several	High	Low	High	Little	Little	Devastating	None	None	Significant	Moderate	Small	Severe
AMMONIUM NITRATE EMULSION	Several	Few	Few	High	Low	Low	Little	Little	High	Significant	Major	Significant	Moderate	Small	Small
BATTERIES; ACID, BASE, LITHIUM, ETC.	Several	Few	Few	Medium	Low	Low	Mild	Mild	Moderate	Measurable	Negligible	Major	Moderate	Small	Small
CHLORINE	Few	Few	Few	Medium	Low	Low	Devastating	Devastating	Devastating	Major	Total	Total	High	Small	Small
<b>Class 2 - Compressed gases</b>	Several	Few	Few	Medium	Low	Low	Moderate	Moderate	Moderate	Minor	Minor	Negligible	Moderate	Small	Small
<b>Class 3 - Cryogenics</b>	Very Many	Few	Few	High	Low	Low	Moderate	Moderate	Moderate	Significant	Significant	Significant	Severe	Small	Small
<b>Class 6 - Poisons [Contact/Inhalation]</b>	Several	Few	Few	High	Low	Low	Devastating	Devastating	Devastating	Minor	Total	Total	Severe	Small	Small
CORROSIVE LIQUID, BASE/ACID, ORG/INORG, N.O.S.	Very Many	Several	Few	High	Low	Medium	Extreme	Extreme	Devastating	Minor	Negligible	Major	Extreme	Small	Moderate
DANGEROUS WHEN WET	Few	Few	Few	Medium	Low	Low	Significant	Significant	Devastating	Measurable	Significant	Total	Moderate	Small	Small
ELEVATED TEMPERATURE LIQUID, N.O.S.	Very Many	Very Many	Few	High	Low	Low	Extreme	High	Devastating	Major	Major	Major	Extreme	High	Moderate
ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.	Several	Very Many	Few	High	Low	Low	Devastating	Devastating	Devastating	Total	Major	Total	Extreme	Severe	Small
ETHANOL AND GASOLINE MIXTURE	Few	Few	Few	High	Low	Low	Devastating	Devastating	Devastating	Minor	Total	Major	High	Small	Small
FERRIC/FERROUS CHLORIDE, SOLUTION	Few	Few	Few	High	Low	Low	High	High	Extreme	Minor	Total	Significant	High	Small	Small
FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]	Very Many	Very Many	Several	High	High	Low	Devastating	Devastating	Devastating	Major	Minor	Major	Exceptional	Extreme	High
FLAMMABLE SOLID	Few	Several	Very Many	High	Low	High	Significant	Significant	Little	Measurable	Major	Negligible	Moderate	Small	Moderate
FLUOROSILICIC ACID	Few	Few	Few	Medium	Low	Low	High	High	Devastating	Minor	Negligible	Measurable	Small	Small	Small
FORMALDEHYDE SOLUTION	Few	Few	Few	Medium	Low	Low	Extreme	Devastating	Devastating	Major	Minor	Significant	Small	Small	Small
HYDROCHLORIC ACID	Several	Few	Few	High	Low	Low	Extreme	Extreme	Devastating	Measurable	Major	Major	Severe	Small	Small
HYDROXIDE SOLUTIONS	Several	Several	Few	High	Low	Low	High	High	Devastating	Minor	Measurable	Significant	Severe	Small	Small
LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE	Very Many	Very Many	Few	High	High	Low	Devastating	Devastating	Significant	Major	Total	Major	Exceptional	Exceptional	Small
OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]	Very Many	Several	Few	High	Low	Low	High	High	Extreme	Significant	Major	Total	Extreme	Small	Small
OXYGEN, COMPRESSED/LIQUID	Several	Few	Few	High	Low	Low	Little	Little	Little	Negligible	Minor	Negligible	Small	Small	Small
PETROLEUM CRUDE OIL	Few	Very Many	Few	Low	High	Low	Devastating	Devastating	Extreme	Total	Major	Major	Small	Exceptional	Small
PRIMERS, EXPLOSIVES	Several	Few	Few	Medium	Low	Low	Devastating	Devastating	Devastating	Total	Minor	None	Extreme	Small	Small
<b>Reactive, High Hazard Cargo</b>	Several	Several	Few	High	Low	Low	Extreme	Extreme	Devastating	Major	Significant	Total	Extreme	High	Small
RESIN SOLUTION	Very Many	Several	Few	High	Low	Low	Significant	High	Moderate	Significant	Major	Significant	Severe	Moderate	Small
SODIUM CHLORATE	Few	Few	Few	Medium	Low	Low	Moderate	Moderate	High	Minor	Negligible	Minor	Small	Small	Small
SODIUM HYPOCHLORITE	Very Many	Few	Few	High	Low	Low	Extreme	Devastating	High	Measurable	Minor	Major	Extreme	Small	Small
SPONTANEOUSLY COMBUSTIBLE	Few	Few	Few	Medium	Low	Low	Extreme	Devastating	Devastating	Significant	Total	Total	High	Small	Small
SULFUR, MOLTEN	Few	Few	Few	Low	Low	Low	High	Extreme	Devastating	Total	Major	Total	Small	Small	Small
SULFUR DIOXIDE	Few	Few	Few	Low	Low	Low	Extreme	Devastating	Devastating	Major	Total	Total	Small	Small	Small
SULFURIC ACID	Several	Few	Few	High	Low	Low	Devastating	Devastating	Devastating	Major	Major	Total	Extreme	Moderate	Small
VINYL ACETATE, STABILIZED	Few	Few	Few	Medium	Low	Low	Little	Mild	Moderate	Negligible	Negligible	Minor	Small	Small	Small

# PROPERTY & ENVIRONMENT DATA ENTRY TABLE:

GRANT COUNTY HAZARD ANALYSIS FOR PROPERTY & ENVIRONMENT

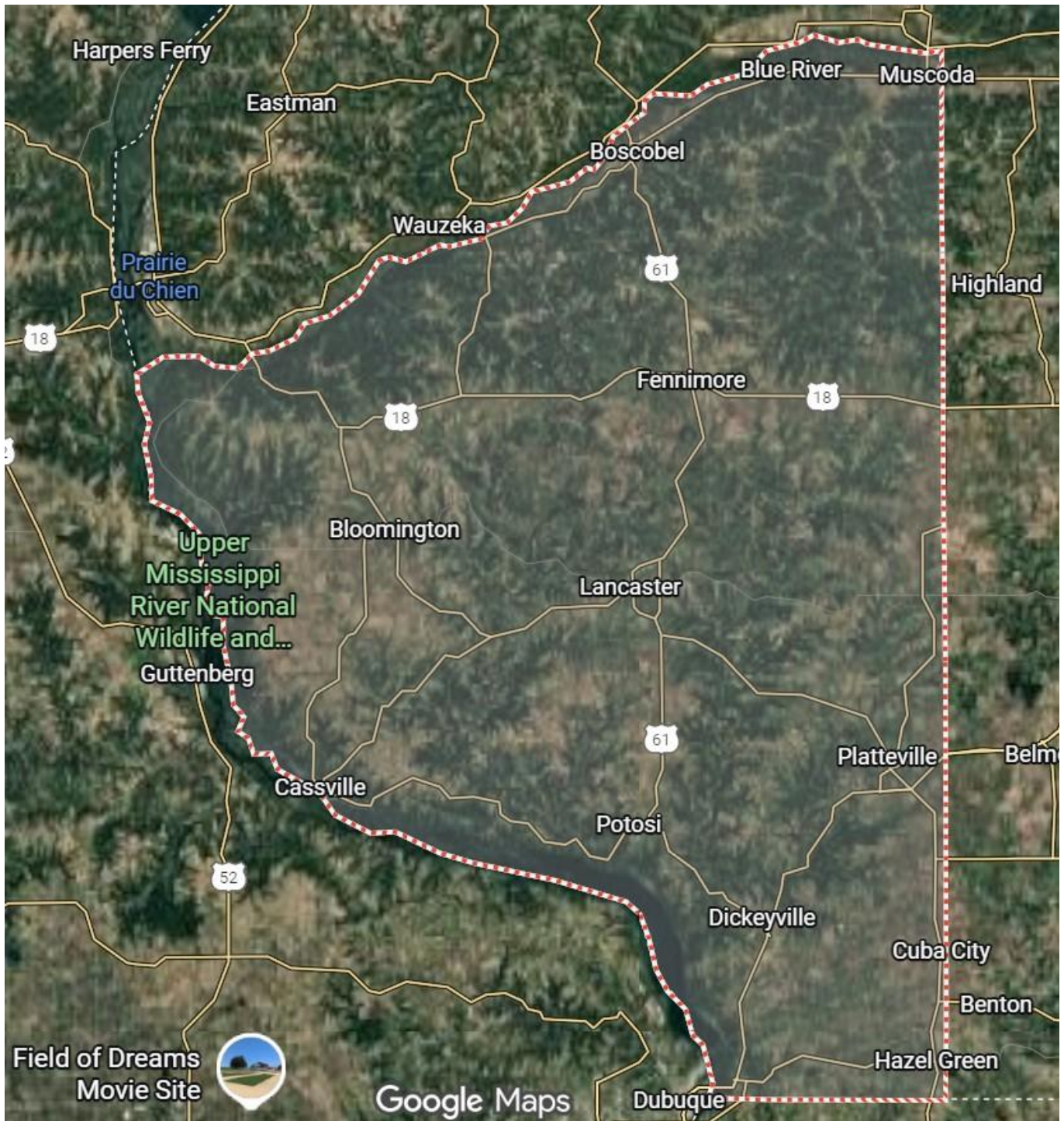
## Hazardous Material Present

	Loads During Peak Period			Relative Amount at Point			Severity of Hazard if Released			CoFactor Contribution			Hazard Risk Level		
	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River	Highway	Railroad	River
ALCOHOLS, N.O.S.	50	100	0	82	310	0	149	155	190	1.12	1.25	1.12	13,684	120,125	-
AMINES, LIQUID, CORROSIVE, N.O.S.	10	45	0	65	22	0	85	91	135	1.45	1.45	1.45	1,602	2,613	-
AMMONIA, ANHYDROUS	45	5	10	82	4	18	60	87	195	1.00	1.00	1.70	4,428	35	1,193
AMMONIUM NITRATE FERTILIZER, UREAS	75	20	34	82	17	153	25	25	185	1.00	1.00	1.45	3,075	170	27,909
AMMONIUM NITRATE EMULSION	62	15	5	75	6	10	20	25	121	1.45	1.70	1.45	2,697	77	175
BATTERIES, ACID, BASE, LITHIUM, ETC.	55	17	0	45	8	0	50	55	75	1.25	1.03	1.70	3,094	154	-
CHLORINE	15	0	5	50	0	5	207	207	210	1.70	2.00	2.00	5,279	-	210
Class 2 - Compressed gases	65	15	0	35	6	0	62	68	61	1.12	1.12	1.03	3,160	137	-
Class 2 - Cryogenics	100	15	0	82	6	0	65	70	75	1.45	1.45	1.45	15,457	183	-
Class 6 - Poisons [Contact/Inhalation]	50	12	5	75	4	5	201	206	210	1.12	2.00	2.00	16,884	396	210
CORROSIVE LIQUID, BASE/ACID, ORG/INORG, N.O.S.	92	40	10	75	20	65	162	165	185	1.12	1.03	1.70	25,039	2,719	4,089
DANGEROUS WHEN WET	25	18	0	40	8	0	95	120	210	1.25	1.45	2.00	2,375	501	-
ELEVATED TEMPERATURE LIQUID, N.O.S.	95	70	10	82	62	60	152	145	186	1.70	1.70	1.70	40,259	21,396	3,794
ENVIRONMENTALLY HAZARDOUS SUBSTANCES, N.O.S.	45	85	5	82	93	10	207	205	210	2.00	1.70	2.00	30,553	55,098	420
ETHANOL AND GASOLINE MIXTURE	25	15	0	82	6	0	202	205	181	1.12	2.00	1.70	9,276	738	-
FERRIC/FERROUS CHLORIDE, SOLUTION	22	10	0	75	6	0	145	147	180	1.12	2.00	1.45	5,359	353	-
FLAMMABLE LIQUIDS, N.O.S. [Distillates, Etc.]	100	100	60	82	300	52	205	203	181	1.70	1.12	1.70	57,154	136,416	19,200
FLAMMABLE SOLID	15	35	87	60	21	155	115	120	25	1.25	1.70	1.03	2,588	2,999	6,945
FLUOROSILICIC ACID	10	5	0	45	4	0	125	140	205	1.12	1.03	1.25	1,260	58	-
FORMALDEHYDE SOLUTION	5	6	0	55	4	0	178	195	187	1.70	1.12	1.45	1,664	105	-
HYDROCHLORIC ACID	60	26	0	65	31	0	151	160	207	1.25	1.70	1.70	14,723	4,385	-
HYDROXIDE SOLUTIONS	55	35	0	65	45	0	138	140	210	1.12	1.25	1.45	11,051	5,513	-
LIQUEFIED PETROLEUM GAS, PROPANE, BUTYLENE	100	100	3	75	295	5	185	192	103	1.70	2.00	1.70	47,175	226,560	53
OXIDIZERS, PEROXIDES, N-, S-[ATES], [ITES], [IDES]	87	50	15	75	16	20	135	140	170	1.45	1.70	2.00	25,545	3,808	2,040
OXYGEN, COMPRESSED/LIQUID	65	12	0	65	6	0	15	20	25	1.03	1.12	1.03	1,306	32	-
PETROLEUM CRUDE OIL	0	100	0	0	414	0	200	205	180	2.00	1.70	1.70	-	288,558	-
PRIMERS, EXPLOSIVES	65	15	0	50	10	0	200	205	207	2.00	1.12	1.00	26,000	689	-
Reactive, High Hazard Cargo	62	65	5	60	88	15	168	172	185	1.70	1.45	2.00	21,249	28,531	555
RESIN SOLUTION	70	40	5	75	62	5	105	125	90	1.45	1.70	1.45	15,986	10,540	65
SODIUM CHLORATE	2	10	0	45	6	0	65	70	121	1.12	1.03	1.12	131	87	-
SODIUM HYPOCHLORITE	70	5	0	75	6	0	165	190	145	1.25	1.12	1.70	21,656	128	-
SPONTANEOUSLY COMBUSTIBLE	25	5	0	40	4	0	155	185	203	1.45	2.00	2.00	4,495	148	-
SULFUR, MOLTEN	0	30	0	0	34	0	125	155	200	2.00	1.70	2.00	-	5,375	-
SULFUR DIOXIDE	5	5	1	25	4	5	155	195	209	1.70	2.00	2.00	659	156	42
SULFURIC ACID	65	30	0	78	58	0	190	202	210	1.70	1.70	2.00	32,752	11,950	-
VINYL ACETATE, STABILIZED	2	25	0	45	37	0	23	35	63	1.03	1.03	1.12	43	667	-

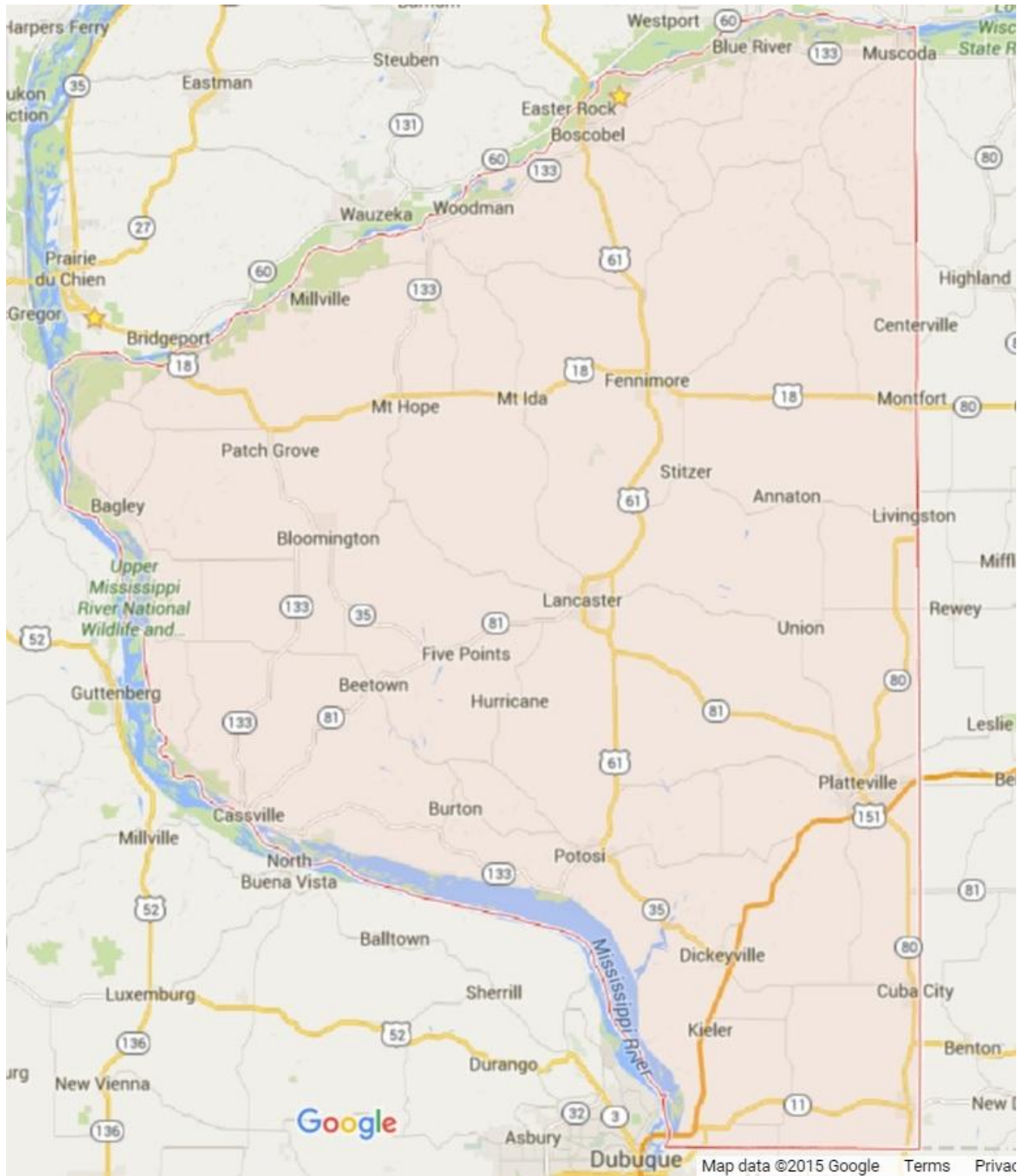


### Natural Gas Service Territory Map

Grant County Distribution Areas are shaded **Orange** (Alliant Energy) & **Pink** (WE Energies) - (20psi – 60psi lines).



## Grant County Aerial Satellite Map



## Grant County Road Map

## II. Notification and Record Keeping

### A. Determination that a release has occurred.

1. The Grant County 9-1-1 Communications Center will most likely receive initial notification that a release has occurred in one of the following manners:
  - a. 9-1-1 or other telephone call from the facility or spiller.
  - b. Citizen report by telephone of “suspicious odor”.
  - c. Public safety/first responder radio transmission or phone call.

### B. Agency Notification and Record Keeping

1. The dispatcher receiving the notification of a hazardous substance discharge will acquire as much information as possible, and will dispatch the primary fire, EMS, and Hazmat responders. The dispatcher will be responsible for notifying the County Emergency Management Director of the incident.

Dispatchers will maintain information on call times, dispatch times, and arrival times according to standard procedure. Dispatchers will be responsible for obtaining as much information from the caller as possible and relaying that information to the appropriate responders. If possible, the caller should be identified and a callback number obtained.

2. The County Emergency Management Director will notify the Wisconsin Emergency Management Duty Officer, the Wisconsin Department of Natural Resources, and any other agencies that are needed throughout the response.
3. The County Emergency Management Director will write and maintain on file an incident report, detailing the events of the incident. A copy of this report will be forwarded to the Wisconsin Department of Natural Resources Spill Coordinator or duty officer, as well as the appropriate local warden(s).
4. The County Emergency Management Director will maintain copies of DNR and County spill reports on file in the emergency management office.
5. The Jo Daviess County Hazardous Materials Response Team and Southwest Wisconsin Hazardous Materials Task Force will maintain their own records and reports relating to on–scene incident

operations and will make such records available to the County Emergency Management Office when so requested.

C. Alert, Warning and Emergency Public Information

1. Alert procedures are detailed in the county emergency operations plan, Annex B. Emergency Public Information is detailed in the county emergency operations plan, Annex J.

D. Special Title III Notification Requirements for Facilities:

1. In the event of a hazardous materials release, fixed facilities must make the following notifications:
  - a. The Community Emergency Coordinator for the LEPC must be notified of any spills or releases subject to the notification requirements of EPCRA (SARA) section 304. In Grant County, the Community Emergency Coordinator is the County Emergency Management Director, who can be reached through the Sheriff's Department at (608) 723-2157.
  - b. WEM and the Department of Natural Resources (DNR) must be notified of any spills or releases per the requirements of s.s. 292.11 and 323.60 (5), Wis. Stat. This requirement can be fulfilled by calling the DNR spill hotline at 1-800-943-0003.
  - c. The National Response Team must be notified of any spills or releases under section 103(a) of CERCLA and section 304 of EPCRA. Contact 1-800-424-8802
  - d. The owner or operator shall provide written follow-up emergency notice as soon as possible after a release that requires notice under Section 304 (a).

**III. Evacuation/Shelter/Shelter in Place Procedures**

Evacuation/Shelter/Shelter in Place Procedures are detailed in the County Emergency Operations Plan, Annex E.

**IV. Agencies and Resources Available For Hazardous Materials Response**

A. Local Resources

1. Jo Daviess County Hazardous Materials Response Team

The Jo Daviess County Hazardous Materials Response Team has been designated as the primary hazardous materials response team for Grant County. Although the team is only designated to provide Level B coverage for Grant County, they are trained and equipped to Level A standards and can handle a number of Level A scenarios. The team is comprised of volunteers from numerous fire departments throughout Jo Daviess, Grant, and Lafayette Counties. Response vehicles and trailers are housed by the Scales Mound, Apple River Canyon, Hanover, Lancaster, Dickeyville, Fennimore, and Darlington Fire Departments. The Jo Daviess County Hazmat Response Team can be requested by contacting the Jo Daviess County Emergency Dispatch Center, at (815) 777-2141.

## 2. Grant County Fire Departments

The cities, villages, and townships within Grant County are served by 21 volunteer fire departments and 1 DNR state forestry department. Levels of preparedness for hazardous materials incidents vary by department. Many departments have personnel certified to the hazardous materials awareness and operations levels. Some departments have personnel trained to the technician and specialist levels. On average, Grant County fire departments do not have the training and equipment necessary to cope with a significant hazardous materials spill within their jurisdiction without outside assistance from the Level B Hazardous Materials Team.

The local fire department is considered to be the lead agency in charge of a hazardous materials emergency in their jurisdiction. The primary responsibilities of local fire departments responding to a hazardous materials incident include general incident management and control of the scene, rescue, firefighting, public protection and notification, incident stabilization (with assistance of the hazmat response team when necessary), and the initial gross decontamination of citizens and responders who have been contaminated with a hazardous substance and are in need of an immediate, emergency field decontamination.

## 3. Grant County Emergency Medical Services (EMS)

Residents of Grant County are served by 14 EMS Services, operating 24 ambulances. There are also four first responder groups within the county. Levels of preparedness for hazardous materials incidents vary by department. On average, Grant County ambulances lack the training necessary to cope with a significant hazardous materials spill within their jurisdiction.

EMS personnel are never expected to make contact with a contaminated patient, no matter what the level of injury, until that patient has undergone gross initial field decontamination by the local fire department. However, the adequacy of such field decontamination is questionable for a number of reasons, and patients must usually undergo a second, more thorough decontamination, upon arrival at the hospital. This means that patients are still to be considered

“residually contaminated”, and EMS providers must be trained and equipped to take appropriate precautions to protect their crew and ambulance from chemical exposure, and to properly isolate the patient to prevent further contamination. Training is available from the Department of Emergency Management for any interested EMS services.

#### 4. Grant County Hospitals

There are three hospitals within Grant County, and an additional five that commonly receive emergency patients by ambulance from Grant County. Hospitals within Grant County include Gunderson Boscobel Area Hospital, Grant Regional Health Center (Lancaster), and Southwest Health Center (Platteville). All three facilities have hazardous materials protocols and decontamination plans and are equipped to handle common occurrences of chemical exposure. Training is conducted annually with staff.

#### 5. Grant County Emergency Management

The Grant County Emergency Management Office operates a mobile command post, designed to facilitate incident command and on-scene communications in the event of a hazardous materials incident. Numerous references and incident support materials are carried on the command post vehicle. Additional support vehicles for command, logistics and incident rehab are also utilized to support hazardous materials response when needed.

The Grant County Emergency Management Director will respond to the scene of hazardous materials incidents as requested, to assist incident commanders in locating technical expertise and other resources as necessary. Grant County Emergency Management can be requested through the Grant County 9-1-1 Communications Center, at (608) 723-2157.

#### 6. Grant County Law Enforcement Agencies

Law Enforcement Agencies within Grant County include the Grant County Sheriff's Department, 9 municipal police departments, the Wisconsin State Patrol, and the UW-Platteville Protective Service. Law enforcement officers are usually the first to arrive on a hazardous materials incident. It is therefore the responsibility of law enforcement agencies to train their personnel to recognize hazardous materials emergencies, and to be familiar with actions to be taken to minimize harm to themselves and to the general population. Law enforcement officers should also be familiar with county and local plans and SOP's for hazardous materials response. It is the goal of the Grant County LEPC to have 100% of all law enforcement officers trained to the hazardous materials awareness level. Hazardous materials awareness training is now a mandatory part of law enforcement instructional programs throughout the state.

Police officers are not usually expected to directly participate in “hot-zone” operations at the scene of a hazardous materials emergency. Common responsibilities at hazardous materials scenes include participating in the warning and evacuation of residents, incident/scene security, traffic control, and investigative follow-up in some instances (particularly at the scene of a transportation accident).

## B. State Resources

### 1. Southwest Wisconsin Hazardous Materials Taskforce

A contract exists between the State of Wisconsin, Department of Military Affairs, Division of Emergency Management, and the City of Madison, the City of La Crosse, Columbia County, Grant County, Rock County, and Vernon County, Wisconsin also collectively referred to as the Southwest Wisconsin Hazardous Materials Taskforce.

The regional team can be called upon for technical expertise and assistance, as well as for a full response to a major incident. Additional regional teams are available throughout the state to supplement the response as needed. The team can be requested through the WEM Duty Officer.

### 2. Wisconsin Emergency Management (WEM)

Wisconsin Emergency Management maintains a 24-hour duty officer on call, who serves as the primary point of contact when requesting resources or assistance from the state government. The duty officer can be reached by calling the WEM emergency hotline, at (800) 943-0003 and asking to speak with the WEM duty officer.

## C. Federal Assistance

1. National Response Center (800-424-8802)
2. Agency for Toxic Substances and Disease Registry (404-452-4100)
3. Nuclear Regulatory Commission (301-951-0550)
4. U.S. Department of Energy Radiological Assistance (202-586-8100)
5. CHEMTREC (800-424-9200)

## V. Response Procedures

### A. Direction and Control

1. Direction and control procedures are set forth in the County Emergency Operations Plan, Annex A.

B. Emergency Action Checklists

1. Emergency Action Checklists listing the general responsibilities of each key emergency response agency/group can be found in the county Emergency Operations Plan. Individual, community-specific agency checklists should also be a part of each municipal emergency operations plan.

C. Individual Agency Plans (IAP's)

1. Specific plans should be in place for each agency that is identified in section V above, regarding policies and procedures for response to a hazardous materials emergency. These plans should address specific elements of response, such as chain of command, support systems, containment and decontamination procedures, and other standard operating procedures or guidelines relating to hazardous materials response.

**VI. Cleanup, Documentation, and Investigative Follow-up**

A. Wisconsin Department of Natural Resources (DNR)

1. The DNR has the primary responsibility for cleanup, documentation, and investigative follow-up, as designated under the Wisconsin Spill Law s. 299.11, Wis. Stats., and Administrative Code NR 706 for follow-up on reported releases or spills.
2. DNR regional staff or local DNR wardens may respond to a hazardous materials spill. DNR personnel perform a variety of duties, including:
  - a. Investigate spills.
  - b. Ensure that the responsible party restores the damaged environment to its original state.
  - c. Oversee proper disposal of chemicals and contaminated items.
  - d. Select and supervise contractors for emergency investigation and clean-up.
  - e. Provide data to process enforcement actions and reimbursement billings.
  - f. Maintain spill response equipment.
3. In most instances, the party responsible for a spill and local authorities handle the spill quickly and competently. In these cases, the DNR investigates the incident and ensures that adequate clean-up is accomplished. When the DNR becomes involved in a spill clean-up, DNR field staff act as project managers, reviewing investigation results and selecting clean-up measures.

## II. Training

### B. Training

1. The Grant County Local Emergency Planning Committee has committed to sponsoring local hazardous materials awareness, operations (EMS, Fire, and Police—specific), and technician training as funding permits. To date, the county LEPC has not turned down a request for funding of hazmat training. The majority of this funding has traditionally been obtained through the Wisconsin Emergency Management Training Program and the Terrorism Consequence Management Assistance Program, as well as through the use of LEPC funds on hand. Southwestern Technical College has been an important partner in our training efforts.

The LEPC and County Emergency Management Office also assists hospitals, municipalities and other critical facilities in training staff as requested.

2. The Wisconsin Emergency Management Training Section sponsors many basic and advanced level hazardous materials and emergency preparedness related courses throughout the state. These courses are usually offered free of charge, and often include overnight stays in a motel or at the Wisconsin Military Academy. A partial listing of these courses includes:

- Hazardous Materials Awareness, Operations, and Technician courses
- Exercise Design, Exercise Evaluation, and Tabletop Exercise Workshop Courses
- Incident Command System/Emergency Operations Center Interface
- Incident Command System for Law Enforcement
- Incident Command System for Emergency Medical Services
- Incident Command System for Public Works
- Hazardous Materials Incident Management
- CAMEO Basic
- CAMEO Intermediate
- Evacuation Planning
- Advanced Air Monitoring
- Hazardous Materials Contingency Planning
- Command and Control of Incident Operations
- Chemistry of Hazardous Materials
- Command and Control of Fire Operations at Target Hazards

## VII. Exercises

### A. Exercises

1. Exercises will be scheduled and conducted annually per EPCRA requirements. The county emergency management director will coordinate the schedule of exercises.

2. The emergency management office, upon request, will work with communities to develop, conduct, and evaluate exercises.
3. The emergency management office shall maintain records of hazardous materials related exercises held in Grant County.

## **VIII. Attachments**

**Local Emergency  
Planning Committee**



**GRANT COUNTY**

State of Wisconsin

PO BOX 506  
8820 Hwy 35/61/81  
SUITE 1300  
LANCASTER, WI 53813  
(608) 723-7171

**Procedure for  
Submission of Reimbursement Claims to the LEPC**

**Introduction**

Under Wisconsin law, all hazardous materials teams, fire departments, ambulance and rescue squads, police departments, and other agencies who respond to a hazardous materials discharge have the right seek reimbursement from the spiller for expenses incurred. Agencies may submit a claim for these expenses to the county LEPC. The LEPC will then review the claim, and determine if it is a “reasonable and necessary” reflection of the department’s actual expenses, per Wisconsin statute 323.70 (5) (b). When a reasonable billing amount has been determined, the LEPC will assemble all bills from all agencies for a single incident, and forward them to the liable party (the spiller). The spiller will then be responsible for issuing separate payment to each responding agency.

**Authority**

Wisconsin statute 323.70 (a) provides that "...a person shall reimburse a local agency as provided in sub. (5) for actual, reasonable, and necessary expenses incurred in responding to an emergency involving the release or potential release of a hazardous substance if any of the following conditions applies:

1. The person possessed or controlled a hazardous substance involved in the emergency
2. The person caused the emergency.

Wisconsin statute 323.70 (5) (a) gives the county board the power to designate a county employee or body as a “reviewing entity”, and instructs local agencies seeking reimbursement to submit a claim stating its expenses to the reviewing entity for the county in which the discharge occurred. The reviewing entity is then to review claims submitted, and determine the amount of reasonable and necessary expenses incurred.

Grant County ordinance number 29 designates the Grant County Emergency Management-Disaster Services Agency and the Grant County Local Emergency Planning Committee as reviewing entities.

**Eligible Expenses**

Reimbursable expenses are limited to those that are determined as “reasonable and necessary” by the county LEPC. Examples of “reasonable and necessary” expenses might include:

1. Actual expenses for supplies and equipment used during the incident. This may include costs for replacement, repair, and rental of equipment.
2. Actual wages, benefits, fees, and per diem expenses paid to volunteers, employees, experts, and consultants involved in the incident response.
3. Costs for apparatus, ambulances, squad cars, or other response vehicles (flat rate or hourly).
4. Reimbursement for mileage or travel expenses.
5. Utility costs, such as costs for water, electricity, and communication.
6. Transportation costs, including passenger vehicle rental for transportation of persons during evacuation, and non-passenger vehicle rental for transportation of equipment or supplies.
7. Contractual services, including contracts for technical or scientific analysis for tasks requiring specialized hazardous substance response expertise, and/or decontamination services, for specialized cleaning or decontamination procedures and supplies to restore clothing, equipment, or other serviceable gear to normal functioning.
8. Medical costs, including medical surveillance and consultation costs immediately following or subsequent to the release.
9. Other reasonable costs, as determined by departments and approved by the LEPC.

### **Submission of Claims**

For reimbursement claims to be considered by the LEPC, these claims must meet the following criteria.

1. All requests for reimbursement must include a narrative incident summary from the requesting agency. This summary should include the date and approximate time the release occurred or was discovered, the location of the release, the source or cause of the release, identification of the substance released, and a summary of all actions taken in response to the incident.
2. The requesting agency must submit an invoice that itemizes all expenses claimed for reimbursement.
3. Invoices must be made out to the responsible party, but sent to the county LEPC. Responding agencies should not make out invoices charging the LEPC or Grant County. Grant County is not responsible for paying these costs.
4. All claims for reimbursement must be received by the Grant County LEPC, postmarked within 90 days of the incident. If an agency is unable to comply with this requirement, an extension must be requested in writing, and submitted to the Grant County Emergency Management Director. Extensions will be granted at the discretion of the Emergency Management Director, when special or unusual circumstances exist, which impede the timely filing of a claim.

## **Review of Claims**

The LEPC will review all claims resulting from response to a single incident at the first regular LEPC meeting that is scheduled after the 90-day submission period has expired. If an extension has been granted to an agency requesting reimbursement, the LEPC will delay review of all claims received from response to a single incident until the first regular LEPC meeting that is scheduled after the extension period has expired.

Following the LEPC review, the emergency management director will prepare a letter providing identification of the incident, a statement of authority for local agencies to be reimbursed for cost incurred, identification of the Grant County LEPC as a reviewing entity for reimbursements to local agencies for expenses incurred in hazardous materials incident response, and a confirmation that the LEPC has reviewed the request for actual, reasonable and necessary expenses. The letter will be mailed to the responsible party, along with copies of all adjusted invoices, and any applicable supporting documentation.

## **Appeals**

Wisconsin statute 323.70 (5) (c) specifies that if the responsible party objects to the reviewing entity's determination, the responsible party may ask the reviewing entity to review its determination. The reviewing entity may modify the determination and shall notify the person of the result of its review. The LEPC will conduct these reviews at the first regular LEPC meeting following a request for such a review, provided that the request is received at least two weeks in advance of the meeting. The responsible party will have 30 days after notification of the LEPC's determination to file a written appeal.

## **Non Payment**

Local agencies are responsible for the collection of all billed amounts. Unpaid invoices may be submitted to the municipal attorney for further action and collection proceedings. Grant County is not responsible for paying or collecting any unpaid invoices.

Wisconsin Statute 323.71 (3) specifies that under certain circumstances, local emergency response teams may file a reimbursement claim with the Wisconsin Division of Emergency Management when a responsible party cannot be identified, or is unable or unwilling to pay.

## **Approval and Passage**

This procedure was adopted by the Grant County Local Emergency Planning Committee, on August 3, 2000 and last updated on September 21, 2020.

ATTACHMENT 2

MUTUAL AID AGREEMENT  
(HAZARDOUS MATERIALS)

These Articles of Agreement are made and entered into this 19<sup>th</sup> day of August 1997 by and between Jo Daviess County, Illinois and Jo Daviess County Emergency Services (Responding Party) an Disaster Agency and Grant County, Wisconsin and Grant County Emergency Management – Disaster Services Agency (Requesting Party), as indicated by the action of their respective governing bodies.

WHEREAS, emergencies involving hazardous materials may arise within the boundaries of Grant County, Wisconsin which may require additional equipment and personnel beyond its own resources, and

WHEREAS, Jo Daviess County has available a Hazardous Materials Response Team to assist in responding to and dealing with hazardous materials incidents within the geographical boundaries of the parties, and

WHEREAS, the parties recognize that hazardous materials incidents can more effectively be handled by pooling of resources, and

WHEREAS, the parties have authority to enter into this Mutual Aid Agreement pursuant to Articles 7 and 10 of the Constitution of the State of Illinois, the Intergovernmental Cooperation Act (5 ILCS 220/1) and Sections 59.03, 59.04, 66.30 and 166.03(4) and (7) of the Wisconsin State Statutes.

NOW THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, the parties agree as follows:

1. The parties agree to use their best efforts to ensure the public safety and protect the citizens within the confines of the geographical jurisdictions of the respective parties.
2. The duration of this Agreement shall be a five-year period. After the initial five-year period, the Agreement shall automatically be renewed on a year-to-year basis. Any of the parties may terminate this Agreement by providing at least thirty (30) days written notice of said intent to terminate participation in the Agreement to all other parties to the Agreement.
3. No separate legal entity will be created.
4. The power to make a request for assistance or to provide assistance under this Agreement shall reside in the Emergency Management Agency of Grant County.
5. Upon an authorized request the responding party may dispatch equipment and personnel to any point within the area for which the requesting party normally provides such equipment and personnel. It is expressly understood and agreed by the parties hereto that the rendering of assistance under the terms of this Agreement shall not be mandatory, but that the party receiving the request may in its discretion refuse to furnish any equipment or personnel consistent with its primary responsibility of providing emergency services within its own jurisdiction. It is the understanding of the parties that the responding party shall furnish the requested assistance unless such responding party is actively engaged in handling a spill/disaster in their own county and have no equipment or personnel available or the responding party determines that the spill/disaster of the requesting party is beyond their ability to handle. When responding to a request the responding party shall do so in a timely and reasonable fashion. In situations where the responding party is unable to furnish the requested assistance they will notify the requesting party as soon as practicable, that assistance will not be rendered.
6. It is understanding of the parties that the responding party's role when responding to a spill/disaster is limited to assist in containing said spill/disaster. This agreement in no way obligates the responding party to assist in the actual cleanup of any spill or disaster.

7. The requesting party shall include in its request for assistance the amount and the type of equipment and the number of personnel requested and shall specify the location where the equipment and personnel are needed. The responding party shall have exclusive authority to determine the type of equipment and the number of personnel to be furnished. No party may make any claim whatsoever against the other party for refusal to send the requested equipment or personnel. All equipment supplied by a member in carrying out this Agreement shall, at all times, remain the property of that party. All personnel acting for a member under this agreement shall, at all times, remain an employee of that person's own agency.
8. All equipment and personnel provided by the responding party shall, at all times while at the site of an emergency, remain under the sole and exclusive control and direction of the designated representative of the party supplying said equipment and personnel. Said representative shall have an absolute right to remove any or all equipment or personnel from the site at any time he deems it appropriate.
9. Grant County shall apply for grant monies to assist in covering the costs of Jo Daviess County in responding to requests by Grant County for assistance in handling spills or release of hazardous materials in Grant County and shall pay over to Jo Daviess County any grant monies received on a yearly basis regardless of the number of times Jo Daviess County responds to requests by Grant County for assistance. All monies received from Grant County shall be used to purchase needed equipment and supplies for the Jo Daviess County Hazardous Materials Response Team. In the event Jo Daviess County is in possession of any unspent monies derived from any grants received by Grant County at the time of notice of termination of this agreement said monies shall be returned to Grant County.
10. It is recognized that all parties to this Agreement have "Spiller Responsibility" laws granting the jurisdiction wherein the hazardous materials incident occurred to recover the costs of the cleanup from the party responsible for the spill. It is agreed that the party within whose jurisdiction the spill occurred will seek recovery from the responsible party and reimburse the responding party for their loss of materials out of any monies collected.
11. In the event one of the parties is required to prosecute a spiller for recovery of the costs of cleanup the party undertaking the prosecution shall first deduct from any monies recovered the costs associated with said prosecution. Thereafter the responding party shall be reimbursed for their material costs associated with the particular spill/disaster out of any remaining monies recovered through the prosecution of the spiller. The balance of any funds, recovered from the spiller, not used to reimburse the costs of any materials used to contain the spill/disaster shall remain the property of the party initiating the prosecution of the spiller.
12. Each party to this Agreement, agrees to fully and in all respects indemnify, defend and hold harmless, the other party from and against any and all claims and liability resulting from all acts, commissions, or other conduct of said party and its employees, including any and all claims under the laws of either Illinois or Wisconsin any and all claims premised under 42 U.S.C. 1983. Each party member, agent and employee agrees to indemnify, defend and hold harmless, the other party, its agents, and its employees from and against any and all claims and liability in whatever fashion arising under this Agreement. The full legal and financial responsibility for injury, disability or death of an employee shall remain with the employee's respective department. No party shall, under any circumstances, be held liable for any loss or damage by reason of its failure to effectively combat a disaster or provide equipment or personnel in the territory of any other party. Further, Grant County will be responsible for any claims or judgments that arise under this agreement as a result of any negligence or wrongful conduct on the part of Grant County employees/officials and that Jo Daviess County will be responsible for paying any claims or judgments that arise under this agreement as a result of the negligence or wrongful conduct on the part of Jo Daviess County employees or officials.

13. That any and all members of any level A or level B hazardous substance release team sent by a responding party to handle hazardous releases or spills shall have the proper training and qualifications to respond to such Level A or Level B release or spill.
14. That all of the members of the emergency response team shall follow all state and federal statutes, codes and regulations in handling, containing responding to and stopping the release of any hazardous material or hazardous chemical.
15. That during the term of this Agreement each party shall procure and maintain the following insurance:
  - a) Comprehensive General Liability Insurance (including Owners; Landlords, and Tenants; Manufacturers and Contractors; Products and Completed Operations; and Contractual liability.)
  - b) Personal Injury Liability Insurance insuring all members of the emergency response team.
  - c) Automobile Liability Insurance covering all owned or leased automobiles.

Each party will provide to the other party, upon request, a certificate of insurance, in form acceptable to the requesting party, evidence of such insurance.

16. The term "hazardous substance", "hazardous materials", or "hazardous chemicals" has the meaning given in Wisconsin Statutes Section 166.20 and any federal statutes or regulations adopted in said section 166.20.
17. No party operating under the terms of this Agreement shall discriminate against any individual on the basis of race, color, religion, sex or national origin in any manner, prohibited by the laws of the United States or the States of Illinois or Wisconsin.

IN WITNESS WHEREOF, the parties have executed this Agreement.

Dated: 8/20/1997

Dated: 8-12-1997

/S/ Neil Gardner  
Neil Gardner  
Grant County Board Chairperson

/S/ Judy Gratton  
Judy Gratton  
Jo Daviess County Board Chairperson

/S/ Chris Carl  
Chris Carl  
Grant County Clerk

/S/ Jean Dimke  
Jean Dimke  
Jo Daviess County Clerk

**Jo-Daviess County Haz-Mat Team - Jo-Daviess County Members**

Name	Address	State & Zip code	Level	Home Phone #	Cell Phone #	Work #	E-mail Address
<b>Chief Steve Tranel</b>	209 W. Clemens Street	Cuba City, Wis. 53807	Technician	608-744-3501	608-732-5501	608-744-2178	<a href="mailto:stevetranel@gmail.com">stevetranel@gmail.com</a>
<b>Secretary Ron Data</b>	110 Thomas Avenue	East Dubuque, IL. 61025	Technician	815-747-6783	563-663-5536	N/A	rondata42@gmail.com
Jim Honerbaum	505 Jefferson St. P.O.Box 502	Hanover, IL. 61041	Operations	None	815-590-3486		honerbaum85@yahoo.com
Edwin Johnson	100 Plateau Street	Hanover, IL. 61041	Technician	815-591-2388	815-275-4958	815-273-3308	ejohnson@unisonsolutions.com
Wayne Moyer	1201 Franklin Street	Galena, IL. 61036	Technician	815-777-0296	815-541-0959	815-777-2141	wmoyer@jodaviess.org
Randall Shaw	1945 S. Elizabeth Scales Mound Rd.	Elizabeth, IL 61028	Operations	None	815-858-5501		randysh56@yahoo.com
Kyle Spahn	2051 West Hanover Road	Hanover, IL. 61041	Operations	None	815-541-0453	815-541-0453	kaspahn@hotmail.com
Tom Szykowski	5513 Northeast Miner Road	Galena, IL. 61036	Awareness	None	815-281-1474	815-776-9020	tomscattle@yahoo.com
Kelly Weede	5601 South Pleasant Hill Rd.	Hanover, IL. 61041	Technician	None	815-275-4487	815-777-8561	kweede2014@yahoo.com
Robert Weede Jr.	5601 South Pleasant Hill Rd.	Elizabeth, IL. 61028	Technician	None	815-275-6110	815-591-2400	bweede57@gmail.com
Dan Wenzel	P.O. Box 65	Scales Mound, IL 61075	Awareness	None	563-542-2396	N/A	danwnzl@gmail.com

**Jo-Daviess County Haz-Mat Team – Grant County Members**

Name	Address	State & Zip code	Level	Home Phone #	Cell Phone #	Work #	E-mail Address
Steve Braun	446 South Adams Street	Lancaster, Wis. 53813	Technician	608-723-4210	608-778-1155	608-723-7171	<a href="mailto:gcemds@pcii.net">gcemds@pcii.net</a>
Jamie Ralph	5427 W Oak St	Boscobel, Wis 53805	Technician	None	608-485-3866	None	<a href="mailto:jralph@co.grant.wi.gov">jralph@co.grant.wi.gov</a>
Dallas Dietzel	2882 Rock Lane	Cuba City, Wis. 53807	Technician	None	563-580-0130	None	<a href="mailto:dallasdietzel@icloud.com">dallasdietzel@icloud.com</a>
Todd Fischer	101 Wildwood Ct.	Boscobel, Wis. 53805	Technician	None	608-604-4917	608-647-3917	<a href="mailto:rcwwrc@mwt.net">rcwwrc@mwt.net</a>
Chris Hinderman	25260 Silverthorn Road	Cuba City, Wis. 53807	Operations	None	608-732-2052	563-690-2277	<a href="mailto:chrishinderman@yahoo.com">chrishinderman@yahoo.com</a>
Haden Kilcoyne	7998 Highway 23	Darlington, Wis. 53530	Technician	None	608-482-4351	None	<a href="mailto:hadenkilcoyne@gmail.com">hadenkilcoyne@gmail.com</a>
Nate Moris	321 S. Washington Street	Cuba City, Wis. 53807	Technician	None	608-778-2284	None	<a href="mailto:n.moris22@hotmail.com">n.moris22@hotmail.com</a>
Dustin Ralph	502 Center Street	Boscobel, Wis. 53805	Technician	None	608-485-3238	608-375-5468	<a href="mailto:dustinralphfire@gmail.com">dustinralphfire@gmail.com</a>
Mike Shinee	131 W Lincoln Ave	Lancaster, Wis. 53813	Technician	608-723-2295	608-642-0624	608-642-4343	<a href="mailto:jshinee@swtc.edu">jshinee@swtc.edu</a>
Jason Wagner	829 Sycamore Street	Lancaster, Wis. 53813	Operations	630-201-5418	608-379-0851	608-723-7171	<a href="mailto:jwagner@co.grant.wi.gov">jwagner@co.grant.wi.gov</a>
Tanner Williamson	17998 State Highway 60	Blue River, Wis. 53518	Technician	None	608-739-2440	None	<a href="mailto:tanner.williamson0114@gmail.com">tanner.williamson0114@gmail.com</a>
Mark Lease	2330 Scrabble Creek Dr	Hazel Green, Wis 53811	Technician	None	608-574-4178	None	<a href="mailto:Firetazz2@gmail.com">Firetazz2@gmail.com</a>
Hailey Ramstack	590 Ridge Ave	Platteville, Wis 53818	Technician	None	262-903-9695	None	<a href="mailto:hramstack@gmail.com">hramstack@gmail.com</a>
Ryan Simmons	590 Ridge Ave	Platteville, Wis 53818	Technician	None	608-568-4231	None	<a href="mailto:firechief@platteville.org">firechief@platteville.org</a>
Josh Stowe	214 E Bryan St	Cuba City, Wis 53807	Technician	None	262-397-6621	None	<a href="mailto:Stowe.joshua@gmail.com">Stowe.joshua@gmail.com</a>

**Jo-Daviess County Haz-Mat Team - Lafayette County Members**

Name	Address	State & Zip code	Level	Home Phone #	Cell Phone #	Work #	E-mail Address
Silas Bernardoni	530 East Lucy Street	Darlington, Wis. 53530	Technician	None	608-482-0255	None	silasbernardoni@gmail.com
Josh Goebel	226 West Harriet Street	Darlington, Wis. 53530	Technician	608-776-3929	608-482-0956	608-482-0956	hickoryridgeconstruction@gmail.com
Ted McDermott	P.O. Box #2	Darlington, Wis. 53530	Technician	608-776-3083	608-482-1241	608-482-1241	chief@darlingtonfiredepartment.org
Walker Wiegel	12634 Tama Run Rd.	Darlington, Wis. 53530	Technician	None	608-482-3111	776-3184	walkerwiegel@gmail.com

**Attachment 4: Jo Daviess County Hazmat Team – Current Equipment Inventory**

**Section 1: Jo Daviess County Cache**

<b>ITEM DESCRIPTION</b>	<b>QUANTITY</b>	<b>CATEGORY</b>
WHEEL CHOCKS		OTHER
COPPER GROUND ROD	1	TOOLS
TARPS	4	DECONTAMINATION
LEVEL A SUITS	8	CHEMICAL PROTECTIVE CLOTHING/PPE
LEVEL B SUITS	8	CHEMICAL PROTECTIVE CLOTHING/PPE
LEVEL C SUITS	CASE	CHEMICAL PROTECTIVE CLOTHING/PPE
BOOTS		ANCILLARY PROTECTIVE EQUIPMENT
WEATHER STATION	1	SPECIAL CAPABILITIES
ELECTRIC VENTILATION FAN		TOOLS
ABSORBENT PADS	3 BOXES	INTERVENTION
LARGE OIL BOOM	1	INTERVENTION
SMALL OIL BOOM	1	INTERVENTION
PLASTIC GARBAGE CANS		DECONTAMINATION
FLOATING OIL BOOMS	2	INTERVENTION
HAZMAT SHOWER AND POOL	1	DECONTAMINATION
ROPE	BOX	TOOLS
500 WATT LIGHTS WITH STANDS	2	TOOLS
PLASTIC SHEETING	2 ROLLS	DECONTAMINATION
VALVE MANIFOLD 1 1/2 TO GARDEN HOSE	1	DECONTAMINATION
DECON TENT	2	DECONTAMINATION
XL WOODEN Mallet	1	TOOLS
ORANGE TRAFFIC CONES	10	DECONTAMINATION
GENERATOR	1	OTHER
50 GALLON DRUM	2	DECONTAMINATION
30 GALLON DRUM	1	DECONTAMINATION
TOOLBOX		TOOLS
SUMP PUMP	1	TOOLS
HELMETS	9	ANCILLARY PROTECTIVE EQUIPMENT
STOOLS	6	DECONTAMINATION
ARMY SHOVEL	1	TOOLS
HAND BROOM AND DUST PAN	1	TOOLS
LATEX GLOVES		ANCILLARY PROTECTIVE EQUIPMENT
LEATHER GLOVES		ANCILLARY PROTECTIVE EQUIPMENT
FACE SHIELDS		ANCILLARY PROTECTIVE EQUIPMENT
SAFETY GOGGLES		ANCILLARY PROTECTIVE EQUIPMENT
FIRE EXTINGUISHER	1	INTERVENTION
PORTABLE WATER HEATER	1	DECONTAMINATION
SPARE TIRE AND RIM	1	OTHER

WOOD DOLLS 2'x2'	6	TOOLS
5 GALLON BUCKET	6	TOOLS
DECON HOSE KIT	1	DECONTAMINATION
SAFETY VEST	5	ANCILLARY PROTECTIVE EQUIPMENT
WOOD STEP STOOL	5	TOOLS
SCBA	8	RESPIRATORY PROTECTION

## Section 2: Grant and Lafayette County Cache

ITEM DESCRIPTION	QUANTITY	CATEGORY
SAW HORSES	3 SETS	OTHER
DRAGER HAND PUMP	2	FIELD TESTING & DETECTION
PH PAPER		FIELD TESTING & DETECTION
PCB TEST KIT	6	FIELD TESTING & DETECTION
EVIDENCE BAG KITS	BOX	SAMPLING
SPATULA	BOX	SAMPLING
SCOOP (VARIETY SIZES)	BOX	SAMPLING
SAMPLE JARS (AMBER AND CLEAR; VARIETY OF SIZES)	3 BOXES	SAMPLING
SAMPLE VIALS	BOX	SAMPLING
SAMPLING TUBES	BOX	SAMPLING
SAMPLING COLLECTION KIT	2	SAMPLING
DOSIMETER	1	SAMPLING
SPONGE	2	SAMPLING
TELESCOPIC DIPPER	1	SAMPLING
PLASTIC BAG (ZIPLOC)	5 BOXES	SAMPLING
MARKER		SAMPLING
FIBERGLASS CLOTH	4	SAMPLING
FLUID TRANSFER PUMP	1	SAMPLING
LEVEL A SUITS	4	CHEMICAL PROTECTIVE CLOTHING/PPE
LEVEL B SUITS	27	CHEMICAL PROTECTIVE CLOTHING/PPE
LIQUID SPLASH PROTECTIVE	5 CASES	CHEMICAL PROTECTIVE CLOTHING/PPE
NEOPRENE GLOVES	4	CHEMICAL PROTECTIVE CLOTHING/PPE
SPLASH TYVEK SUITS	4 CASES	CHEMICAL PROTECTIVE CLOTHING/PPE
FABRIC SPLASH SUITS	18	CHEMICAL PROTECTIVE CLOTHING/PPE
BOOTS	29 PAIRS	ANCILLARY PROTECTIVE EQUIPMENT
HELMETS (HARD HATS)	35	ANCILLARY PROTECTIVE EQUIPMENT
LATEX GLOVES		ANCILLARY PROTECTIVE EQUIPMENT
LEATHER GLOVES		ANCILLARY PROTECTIVE EQUIPMENT
FACE SHIELDS		ANCILLARY PROTECTIVE EQUIPMENT
SAFETY GOOGLES		ANCILLARY PROTECTIVE EQUIPMENT
OVER BOOTS	8 PAIR	ANCILLARY PROTECTIVE EQUIPMENT
COOLING VEST	2	ANCILLARY PROTECTIVE EQUIPMENT

COTTON GLOVES		ANCILLARY PROTECTIVE EQUIPMENT
GLOVES (UNDER)		ANCILLARY PROTECTIVE EQUIPMENT
SHIELD HELMETS	4	ANCILLARY PROTECTIVE EQUIPMENT
SILVER SHIELD GLOVES	5	ANCILLARY PROTECTIVE EQUIPMENT
GLOVE (BLUE)	12 PAIR	ANCILLARY PROTECTIVE EQUIPMENT
IPAD		3 TECHNICAL REFERENCE
WEATHER STATION	1	SPECIAL CAPABILITIES
INCIDENT IDENTIFICATION KIT	2	SPECIAL CAPABILITIES
ABSORBENT PADS		INTERVENTION
FIRE EXTINGUISHER	2	INTERVENTION
ABSORBENT PAD (OIL ONLY)	CASE	INTERVENTION
ABSORBENT PIG SOCKS		INTERVENTION
ABSORBENT SOLVENT PADS		INTERVENTION
PLUGS (VARIOUS SIZES)		INTERVENTION
LEAK KIT "AE" GENERAL PURPOSE	1	INTERVENTION
LEAK KIT FOR PIPES C-1	1	INTERVENTION
LEAK KIT FOR PIPES C-3	1	INTERVENTION
LEAK KIT FOR PIPES C-2	1	INTERVENTION
LEAK KIT FOR LARGE HOLES "F"	1	INTERVENTION
ABSORBENT GENERAL PURPOSE PADS		INTERVENTION
PNEUMATIC PIPE KIT	1	INTERVENTION
PNEUMATIC BAG KIT	1	INTERVENTION
ABSORBENT MATS	2 BOXES	INTERVENTION
ABSORBENT SKIMMER PILLOWS		INTERVENTION
HAZMAT SHOWER AND POOL	1	DECONTAMINATION
GARDEN HOSE	3	DECONTAMINATION
DECON TENT	1	DECONTAMINATION
ORANGE TRAFFIC CONES	16	DECONTAMINATION
STOOLS		DECONTAMINATION
PORTABLE WATER HEATER	1	DECONTAMINATION
DECON HOSE KIT	1	DECONTAMINATION
AMPHO-MAG NEUTRALIZER	1	DECONTAMINATION
ACID ENCAPSULATING/NEUTRALIZING LOOSE ABSORBANT	2	DECONTAMINATION
20x30 TARP	3	DECONTAMINATION
12x16 TARP	4	DECONTAMINATION
16x20 TARP	1	DECONTAMINATION
12x12 TARP	1	DECONTAMINATION
12x20 TARP	2	DECONTAMINATION
15x20 TARP	1	DECONTAMINATION
TARPS (LARGE)	2	DECONTAMINATION
LARGE GARBAGE BAGS		DECONTAMINATION
TRASH CAN LINERS	2 BOXES	DECONTAMINATION
GARDEN SPRAYER	1	DECONTAMINATION

GARDEN HOSE ADJUSTABLE NOZZLE	2	DECONTAMINATION
GARDEN HOSE	7	DECONTAMINATION
PERSONAL CARE KIT	4	DECONTAMINATION
CLOTHING REMOVAL KIT	1	DECONTAMINATION
PLASTIC GARBAGE CANS		DECONTAMINATION
CHEM TAPE	13 ROLLS	DECONTAMINATION
TOWELS	BOX	DECONTAMINATION
EYE WASH STATION	1	DECONTAMINATION
MODISTY CLOTHING	2 TOTES	DECONTAMINATION
BRUSHES	3	DECONTAMINATION
DRUM, OVERPACK	2	DECONTAMINATION
SOAP, DETERGENT		DECONTAMINATION
CADAVER BAGS		DECONTAMINATION
PLASTIC ROLL 8x100	1 ROLL	DECONTAMINATION
PATIENT DECON TENT	1	DECONTAMINATION
POST DECON KIT	10	DECONTAMINATION
MASK	10	RESPIRATORY PROTECTION
EXTRA CARTRIDGES FOR MASK	6	RESPIRATORY PROTECTION
5 GALLON BUCKETS	4	TOOLS
NON SPARKING HAMMER, SLEDGE	1	TOOLS
NON SPARKING HAMMER, CLAW	1	TOOLS
NON SPARKING HAMMER, SCREWDRIVER, CHISEL, KIT	1	TOOLS
NON SPARKING SCREWDRIVER, PHILLIPS, KIT	1	TOOLS
NON SPARKING PLIERS	1	TOOLS
NON SPARKING WIRE PLIERS	1	TOOLS
NON SPARKING LONG NOSE PLIERS	1	TOOLS
NON SPARKING WRENCH	1	TOOLS
NON SPARKING CRESCENT WRENCH	1	TOOLS
NON SPARKING PIPE WRENCH KIT	1	TOOLS
NON SPARKING PUTTY KNIFE	1	TOOLS
NON SPARKING CUTTING SHEARS	1	TOOLS
ICS VESTS		TOOLS
MEASURE TAPE	1	TOOLS
PUNCH, SPRING LOADED	1	TOOLS
CENTER PUNCH	2	TOOLS
ZONE MARKING KIT	2	TOOLS
MEGAPHONE	1	TOOLS
SCOOP SHOVELS	4	TOOLS
LOCK OUT TAG OUT KIT	1	TOOLS
HAND CART	1	TOOLS
DRUM HANDLE	1	TOOLS
BACKBOARD	1	TOOLS
STOKES BASKET	1	TOOLS

DROP CLOTH	1	TOOLS
NON SPARKING TOOL KIT	1	TOOLS
DRUM AND TANK REPAIR KIT	1	TOOLS
CHAIRS	2	TOOLS
BROOM	2	TOOLS
REPAIR PUTTY	1	TOOLS
LADDER	1	TOOLS
BATTERIES		OFFICE SUPPLIES
SCISSORS		OFFICE SUPPLIES

### **Assessment of Equipment Needs**

The following listing represents identified priority equipment needs for hazardous materials response:

- Spill Containment Equipment
- SCBA Sets and Additional Tanks
- Scene Lighting Equipment
- Class B Firefighting Foam
- AR-AFFF Alcohol Resistant Firefighting Foam
- Absorbent Materials
- Hand Tools (Misc.)
- Communications Equipment, including portable radios, vehicle repeaters and WISCOM-capable mobile radios.
- Logistics Equipment, including portable/inflatable tents, rehab equipment, medical equipment, and other team support/sustainment considerations.
- Detection Equipment
  - Specialized Meters
  - Replacement Tubes and Chips for Draeger Measurement Systems
- Drone Equipment
  - Batteries
- Computer Equipment and Software
  - Equipment to outfit a new Mobile Command Unit for the team's use.
- Rehab/Staging Vehicle
  - Equipment to finish the outfitting of a newly purchased vehicle to be used for rehab, changing and staging of personnel at the scene of hazardous materials emergencies, particularly during inclement weather.