

2020 PIPELINE EMERGENCY QUICK REFERENCE GUIDE - INPAA



Indiana Pipeline Awareness Association

EMERGENCY CONTACT LIST

<u>Company Name</u>	<u>Emergency Number</u>	<u>Company Name</u>	<u>Emergency Number</u>
Aurora Utilities	(812) 926-2557	Natural Gas Pipeline Company of America	
Bainbridge Utilities.....	(765) 522-6238	(Kinder Morgan).....	(800) 733-2490
Batesville Water & Gas Utility.....	(812) 934-3811	New Harmony (town of) Gas Utilities (Day).....	(812) 682-4846
Boonville Natural Gas.....	(812) 897-2260	NIPSCO (Northern Indiana Public Service Company)	(800) 634-3524
BP Pipelines (North America), Inc	(800) 548-6482	NuStar Pipeline Operating Partnership LP.....	(800) 759-0033
Breitburn Operating LP.....	(800) 285-5881	Ohio Valley Gas Corporation (Winchester District).....	(765) 584-5503
Buckeye Partners, L.P.....	(800) 331-4115	Ohio Valley Gas Corporation (Portland District)	(260) 726-8114
Chrisney Municipal Gas.....	(911)	or	(765) 584-5503
CITGO Petroleum Corporation.....	(800) 471-9191	Ohio Valley Gas Corporation (Connersville District).....	(765) 825-1149
Citizens Energy Group	(800) 458-4553	or	(800) 326-1148
Community Natural Gas Co. Inc.....	(618) 972-4060	Ohio Valley Gas Corporation (Tell City District)	(812) 547-2396
Countrymark Refining and Logistics, LLC	(812) 838-8500	or	(877) 842-2397
or	(800) 832-5490	Ohio Valley Gas Corporation (Sullivan District).....	(877) 884-6368
Enbridge US Inc. / Texas Eastern LP (Gas)	(800) 231-7794	ONEOK North System.....	(888) 844-5658
Enbridge US Inc. / Texas Eastern LP (Oil)	(800) 858-5253	Osgood (town of) Gas Utility.....	(812) 689-0178
Enterprise Products Operating LLC.....	(888) 883-6308	Panhandle Eastern Pipeline Company.....	(800) 225-3913
Explorer Pipeline Company	(888) 876-0036	Pittsboro (town of)	(317) 892-3326
Fountaintown Gas Company, Inc.	(800) 379-1800	Poseyville Municipal Utilities.....	(812) 874-2212
Grandview Municipal Utilities.....	(812) 649-2286	Praxair	(800) 926-9620
Granger Energy of Indy, LLC.....	(800) 873-0868	Rensselaer (city of) Gas Utility.....	(219) 866-7602
Hoosier Energy REC, Inc	(800) 456-1096	Riverside Petroleum Indiana LLC.....	(888) 871-3550
Huntingburg Energy Department.....	(812) 683-2327	Roachdale (town of) Municipal Utility	(765) 301-0828
Indiana Natural Gas Corporation.....	(800) 777-0659	Rockies Express Pipeline.....	(877) 436-2253
Indiana Utilities Corporation	(800) 589-8142	South Eastern Indiana Natural Gas Co. Inc.	(800) 379-1800
Jasonville Utilities	(812) 665-2680	Switzerland County Natural Gas Co Inc.....	(812) 427-3332
or	(812) 798-5630	Sycamore Gas Company	(877) 544-2726
Jasper Municipal Gas & Water.....	(812) 482-9131	Tallgrass Energy Partners	(877) 436-2253
Kinder Morgan Cochin LLC	(800) 265-6000	TC Energy / ANR Pipeline.....	(800) 447-8066
Lapel (town of).....	(765) 534-3157	TC Energy / Crossroads Pipeline Company.....	(800) 835-7191
Linton Municipal Utilities.....	(812) 847-4411	TC Energy / Northern Border Pipeline Company	(800) 447-8066
Louisville Gas & Electric Company.....	(800) 331-7370	Texas Gas Transmission, LLC.....	(800) 626-1948
Marathon Pipe Line LLC.....	(800) 537-6644	Trunkline Gas Company.....	(800) 225-3913
Midwest Natural Gas Corporation (Bloomfield)	(812) 384-4150	Valero Terminaling and Distribution Company.....	(866) 423-0898
or	(800) 491-4150	Valley Rural Utility Company	(888) 784-6160
Midwest Natural Gas Corporation (Scottsburg).....	(812) 752-2230	Vector Pipeline.....	(888) 427-7777
or	(800) 654-2361	Vectren, a Centerpoint Energy Company.....	(800) 666-3895
Midwestern Gas Transmission	(888) 417-6275	West Shore Pipe Line Company	(888) 625-7310
Montezuma Municipal Gas Utility	(765) 245-2759	Wolverine Pipe Line Company	(888) 337-5004
or	(765) 245-2211		

To learn more about your local pipeline operators, please visit inpa.org

Note: The above numbers are for emergency situations. Additional pipeline operators/companies may exist in your area. Visit the National Pipeline Mapping System at www.npms.phmsa.dot.gov for transmission companies not listed above.

<u>One-Call System</u>	<u>Phone Number</u>
Indiana811	(800) 382-5544
811Now.....	www.811now.com

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INCIDENT RESPONSE

- Always approach from upwind/park vehicle a safe distance away/if vehicle stalls – DO NOT attempt to restart
- Gather information/establish incident command/identify command structure
- Initiate communications with pipeline/gas company representative ASAP
- Control/deny entry: vehicle, boat, train, aircraft, foot traffic, media – refer all media questions to pipeline/gas representatives

RISK CONSIDERATIONS

- Type/volume/pressure/location/geography of product
- Environmental factors – wind, fog, temperature, humidity
- Sight, sound, smell – indicators vary depending on product
- Black, dark brown or clear liquids/dirt blowing into air/peculiar odors/dead insects around gas line/dead vegetation
- Rainbow sheen on the water/mud or water bubbling up/frozen area on ground/frozen area around gas meter
- Other utility emergencies

PIPELINE MARKERS

The U.S. Department of Transportation (DOT) requires the use of signs to indicate the location of underground pipelines. Markers like these are located on road, railroad, and navigable waterway crossings. Markers are also posted along the pipeline right-of-way. Markers may not be located directly over the pipeline it marks.

The markers display:

- The product transported
- The name of the pipeline operator
- The operator's emergency number



PRODUCT HAZARDS AND CHARACTERISTICS

Petroleum (flow rate can be hundreds of thousands of gallons per hour) TYPE 1

- Flammable range may be found anywhere within the hot zone
- H2S can be a by-product of crude oil

Type 1 Products	Flash Point	Ignition Temperature
Gasoline	- 45 °F	600 °F
Jet Fuel	100 °F	410 °F
Kerosene	120 °F	425 °F
Diesel Fuel	155 °F	varies
Crude Oil	25 °F	varies

Natural Gas (flow rate can be hundreds of thousands of cubic feet per hour) TYPE 2

- Flammable range may be found anywhere within the hot zone between 4% and 15%
- Rises and dissipates relatively quickly
- H2S can be a by-product of natural gas – PPM = PARTS PER MILLION
 - 0.02 PPM Odor threshold
 - 10.0 PPM Eye irritation
 - 100 PPM Headache, dizziness, coughing, vomiting
 - 200-300 PPM Respiratory inflammation within 1 hour of exposure
 - 500-700 PPM Loss of consciousness/possible death in 30-60 min.
 - 700-900 PPM Rapid loss of consciousness; death possible
 - Over 1000 PPM Unconsciousness in seconds; death in minutes

- Incomplete combustion of natural gas may release carbon monoxide
- Storage facilities may be present around populated areas/ can be depleted production facilities or underground caverns
- Gas travel may be outside the containment vessel along the natural space between the pipe and soil
- Lower/Upper Explosive Limit depends on characteristics of gas (SDS)

Propane, Butane and Other Similar Products - TYPE 3 (*e.g. Carbon Dioxide / Anhydrous Ammonia)

- Flammable range may be found anywhere within the hot zone
- Products cool rapidly to sub-zero temperatures once outside the containment vessel
- Vapor clouds may be white or clear

Type 3 Products	Flash Point	Ignition Temperature
Propane	- 150 °F	920-1120 °F
Butane	- 60 °F	725-850 °F
Anhydrous Ammonia	- 51 °F	1204-1560 °F

* Caustic - Can freeze/burn skin

* Expands Rapidly

* Liquid to a fog gas state!