

2019 PIPELINE EMERGENCY QUICK REFERENCE GUIDE



EMERGENCY CONTACT LIST

COMPANY	EMERGENCY NUMBER	COMPANY	EMERGENCY NUMBER
AGC.....	1-913-592-6100	Kaw Pipe Line Company.....	1-888-542-9575
Atmos Energy.....	1-866-322-8667	Kinder Morgan (Cheyenne Plains Gas Pipeline Company, LLC) ...	1-877-712-2288
Black Hills Energy	1-800-694-8989	Kinder Morgan (Colorado Interstate Gas Company, L.L.C.)	1-877-712-2288
BP Pipelines (North America) Inc.	1-800-548-6482	KPC Pipeline, LLC	1-800-467-2751
CHS McPherson Refinery Inc. Pipeline	1-844-721-6611	Magellan Midstream Partners, LP.....	1-800-720-2417
City of Chanute	1-620-431-5270	Merit Energy Company	1-800-735-1212
City of Lyons.....	1-800-694-8989	Midwest Energy, Inc.	1-800-222-3121
Coffeyville Resources Crude Transportation, LLC	1-800-982-4112	Northern Natural Gas Company	1-888-367-6671
DCP Midstream.....	1-888-204-1781	NuStar Pipeline Operating Partnership L.P.....	1-800-759-0033
DCP Midstream - DCP Wattenberg Pipeline LLC.....	1-800-435-1679	ONEOK (Mid-Continent Market Center, L.L.C.)	1-888-675-3302
Enable Gas Transmission, LLC	1-800-474-1954	ONEOK (ONEOK Field Services Company, L.L.C.)	1-888-675-3302
Enbridge / Platte Pipe Line Company.....	1-800-858-5253	ONEOK (ONEOK NGL Pipeline, L.L.C.)	1-800-666-9041
Energy Transfer Gas	1-877-404-2730	ONEOK (ONEOK North System, L.L.C.)	1-888-844-5658
Enterprise Products Operating LLC.....	1-888-883-6308	Panhandle Eastern Pipe Line Company	1-800-225-3913
Evonik.....	1-316-522-8181	PetroSantander (USA) Inc.	1-620-275-9055
Flint Hills Area Natural Gas Operators (City of Alma)	1-785-765-3323	Plains All American Pipeline, L.P.	1-800-708-5071
Flint Hills Area Natural Gas Operators (City of Auburn)	1-785-357-8095	REP Kansas Gathering, LLC	1-877-282-1717
Flint Hills Area Natural Gas Operators (City of Burlingame)	1-785-654-3431	Riviera Operating, LLC.....	1-866-645-3511
Flint Hills Area Natural Gas Operators (City of Eskridge)	1-785-765-3323	Rose Rock Midstream, L.P.	1-800-522-3883
Flint Hills Area Natural Gas Operators (City of Harveyville).....	1-785-765-3323	Sinclair Transportation Company.....	1-800-321-3994
Flint Hills Area Natural Gas Operators (City of Havensville).....	1-785-456-5427	Tallgrass Energy (Pony Express Pipeline)	1-855-220-1762
Flint Hills Area Natural Gas Operators (City of McFarland)	1-785-456-4056	Tallgrass Energy (Rockies Express Pipeline)	1-877-436-2253
Flint Hills Area Natural Gas Operators (City of Osage City).....	1-785-528-3714	Tallgrass Energy (Tallgrass Interstate Gas Transmission)	1-888-763-3690
Flint Hills Area Natural Gas Operators (City of Reading).....	1-620-699-3870	TransCanada ANR Pipeline	1-800-447-8066
Holly Energy Partners - Operating L.P.	1-877-748-4464	TransCanada Keystone Pipeline	1-800-447-8066
Jayhawk Pipeline, L.L.C.	1-888-542-9575	White Cliffs Pipeline, L.P.	1-800-522-3883
Kansas City Power & Light	1-816-654-1499	Williams Mid Continent Fractionation and Storage	1-620-834-2138
Kansas Gas Service	1-888-482-4950	Williams - Overland Pass Pipeline	1-800-635-7400

To learn more about your local pipeline operators, please visit kpa-awareness.com

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.

COMPANY	PHONE NUMBER
Kansas One-Call Center.....	811
Kansas Corporation Commission Abandoned Wells (Primary).....	1-316-337-6035
Kansas Corporation Commission Abandoned Wells (After Hours).....	1-316-722-8955

2019 PIPELINE EMERGENCY QUICK REFERENCE GUIDE - KANSAS PIPELINE ASSOCIATION

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
Natural Gas	430 °F	1076 °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!

