

2021 PIPELINE EMERGENCY QUICK REFERENCE GUIDE - NDPA

EMERGENCY CONTACT LIST

<u>Company Name</u>	<u>Emergency Number</u>
AE2S Operations, LLC	1-763-463-5036
Alliance Pipeline	1-800-884-8811
Arrow Pipeline, LLC.....	1-866-234-7473
Aux Sable Midstream	1-701-628-9380
Belle Fourche Pipeline Company	1-866-305-3741
BOE Pipeline LLC.....	1-844-220-9234
Bridger Pipeline LLC.....	1-866-305-3741
Caliber Midstream	1-866-535-2522
Cenex Pipeline, LLC.....	1-800-421-4122
Crestwood Dakota Pipeline, LLC.....	1-855-489-8457
Dakota Access Pipeline (DAPL)	1-800-753-5531
Dakota Gasification Company	1-866-747-3546
Dakota Natural Gas, LLC	1-888-933-9743
Enable Midstream Partners	1-800-474-1954
Enbridge Energy Company, Inc. / North Dakota Pipeline Company LLC.....	1-800-858-5253
Equinor	1-855-750-8024
Great Plains Natural Gas Company	1-877-267-4764
Hawthorn Oil Transportation (North Dakota), Inc.	1-888-814-0188
Hess Corporation.....	1-800-406-1697
Magellan Midstream Partners, L.P.....	1-800-720-2417
Montana Dakota Utilities Company	1-800-638-3278
MPLX - Andeavor Field Services LLC	1-800-725-1514
Nesson Gathering System LLC.....	1-701-664-3139
NuStar Pipeline Operating Partnership L.P.	1-800-759-0033
Oasis Petroleum	1-866-584-8016
ONEOK (Natural Gas Liquids).....	1-855-348-7258
ONEOK (Natural Gas).....	1-800-778-7834
Paradigm Midstream Services.....	1-800-514-3624
Pecan Pipeline.....	1-866-899-2626
Pembina Cochin LLC.....	1-800-360-4706
Petro - Hunt, LLC.....	1-701-863-6500
Plains All American Pipeline, L.P.	1-800-708-5071
Savage Bakken Connector Oil Pipeline.....	1-701-774-9316
Summit Midstream Partners, LP.....	1-888-643-7929
Targa Badlands LLC.....	1-866-957-3133
TC Energy / Bison Pipeline, LLC.....	1-800-447-8066
TC Energy / Keystone Pipeline L.P.....	1-800-447-8066
TC Energy / Northern Border Pipeline.....	1-800-447-8066
USG Wheatland Pipeline.....	1-701-774-2357
or	1-866-535-6836
Van Hook Gathering Services, LLC.....	1-800-447-8066
Vantage Pipeline US LP (Vantage).....	1-800-360-4706
Viking Gas Transmission Company.....	1-888-417-6275
WBI Energy Transmission	1-888-859-7291
Xcel Energy	1-800-895-2999

To learn more about your local pipeline operators, please visit <https://ndpa.pipelineawareness.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.

One-Call System

Phone Number

North Dakota One Call

1-800-795-0555 or 811

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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!

