

2022 PIPELINE EMERGENCY QUICK REFERENCE GUIDE - COLORADO

EMERGENCY CONTACT LIST

Company Name	Emergency Number
ARB Midstream, LLC.....	1-888-272-6431
Atmos Energy.....	1-866-322-8667
Bravo Pipeline Company.....	1-800-519-8225
Chevron Pipe Line Company.....	1-800-762-3404
Chevron USA Inc.....	1-970-824-6452
or.....	1-877-257-6007
Colorado Interstate Gas Company, L.L.C.....	1-877-712-2288
Cureton Front Range LLC.....	1-888-879-8626
DCP Operating Company, LP.....	1-888-204-1781
or.....	1-800-435-1679
East Cheyenne Gas Storage, LLC.....	1-970-334-2352
Energy Transfer (Natural Gas).....	1-877-404-2730
Energy Transfer (NGL).....	1-877-839-7473
Energy Transfer (Crude).....	1-800-753-5531
Energy Transfer / Transwestern Pipeline Company.....	1-866-999-8975
Enterprise Products Operating LLC.....	1-888-883-6308
Fundare Resources Company, LLC.....	1-720-547-3366
Kaiser-Frontier Midstream LLC.....	1-800-876-7023
Magellan Midstream Partners, L.P.....	1-800-720-2417
MPLX - Andeavor Field Services LLC (Moffat county).....	1-800-840-3482
MPLX - Andeavor Field Services LLC (Rio Blanco county).....	1-800-628-6157
Noble Midstream Services, LLC.....	1-866-662-5304
NuStar Logistics, L.P.....	1-800-481-0038
ONEOK NGL Pipeline LLC.....	1-855-348-7258
Phillips 66 Pipelines LLC.....	1-877-267-2290
Plains All American Pipeline, LP.....	1-800-708-5071
Rimrock Energy Partners.....	1-720-739-8932
Summit Midstream Partners, LP.....	1-888-643-7929
Taproot Energy Partners.....	1-800-919-9477
Tumbleweed Midstream, LLC.....	1-719-767-8700
Western Midstream.....	1-866-504-8184
Xcel Energy Service Inc. (Gas Transmission).....	1-800-698-7811
Xcel Energy Service Inc. (Non-Public Emergency Number).....	1-800-308-3978

To learn more about your local pipeline operators, please visit co.pipeline-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.

One-Call System	Phone Number
Colorado811.....	1-800-922-1987 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!

