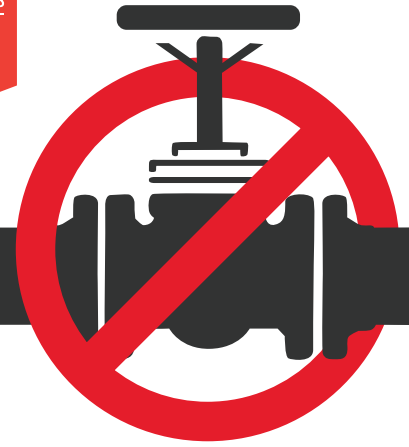


# KINDER MORGAN PIPELINE

ALL OF THE RISK  
NONE OF THE BENEFITS



## GREENUP COUNTY, KENTUCKY

### WHAT IS IT?

Kinder Morgan Energy Partners and MarkWest, two large energy/pipeline companies, have a plan to re-purpose the Tennessee Gas Pipeline from its current use for natural gas to carry natural gas liquids (NGLs), a byproduct of natural gas extraction. The pipe would carry the NGLs from Ohio to the Gulf Coast for processing and export.

### WHY DOES IT MATTER?

This 70 year old pipe would be repurposed to carry a product that is much more explosive and hazardous than natural gas.

### DOES IT AFFECT ME?

The Tennessee Gas Pipeline currently runs from Ohio into Northeast Kentucky, following a route close to Morehead, Richmond, Danville, Campbellsville and Glasgow before entering Tennessee on its way to Louisiana. Eighteen Kentucky counties would be affected by the newly proposed pipeline. When fully operational it could carry nearly 17 million gallons of NGLs per day across 256.4 miles of Kentucky.

### NATURAL GAS VS. NATURAL GAS LIQUIDS

#### NATURAL GAS

- Main component: Methane
- Used for heating homes & cooking
- Remains as a gas under pressure
- Lighter than air & will generally rise & dissipate

#### NATURAL GAS LIQUIDS

- Main component: Ethane, propane & butane, and liquids pentane, hexane & heptane
- Used to make plastic
- Heavy, will seek low areas like valleys & creeks
- Can spread along ground to sources of ignition

### WARNING



NGL fires release far more **toxic chemicals** than natural gas fires



Technology that was used to weld the pipeline is now considered **substandard and not safe**



NGLs are more than a **hundred times more explosive** than natural gas



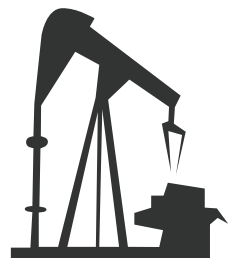
NGLs are heavier than air creating asphyxiation and water **contamination hazards**

## THE AGING PIPELINE IS NOT IN GOOD SHAPE.

### THE DANGER

In 2004, a 4 inch natural gas liquids pipeline running through Floyd County, Kentucky exploded, destroying five homes and sending nine people to the hospital. Andrew McNeil, former Executive Director of Kentucky Oil and Gas Association and current senior advisor to Governor Matt Bevin said he did not consider the event "catastrophic". McNeil dismissed the explosion by saying "the pipeline was about 50 years old" and not build to current day standards.

The proposed Kinder Morgan pipeline is 24 inches in diameter and approximately 70 years old.



# GREENUP COUNTY NEIGHBORHOODS AT RISK

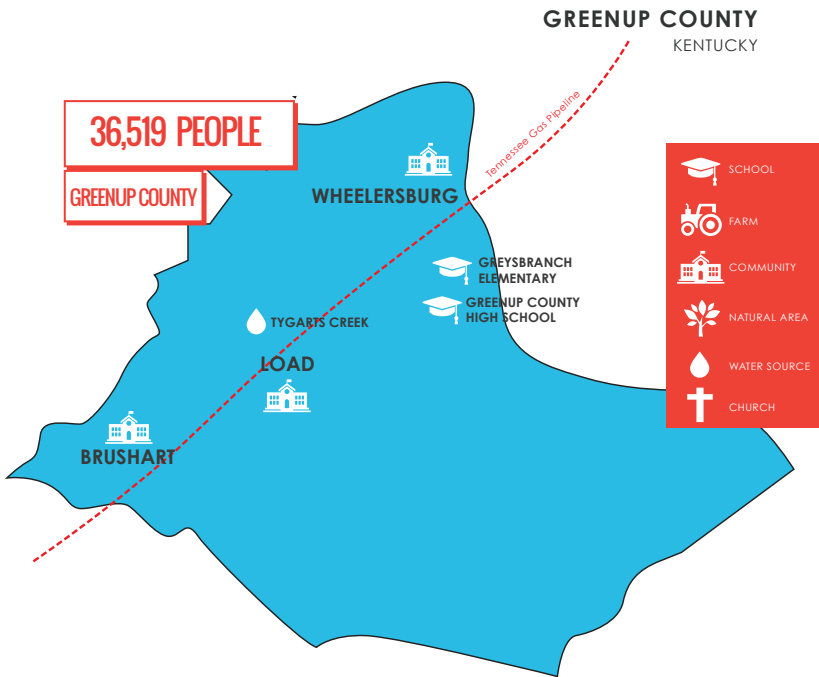


- Greenup County High School
- Community of Lloyd
- Liberty Methodist Church
- Brick Union Gospel Lighthouse
- 3 Prong Rd
- CR-1778
- Leatherwood Rd
- Little Leatherwood Rd
- Little Hollow Rd
- Little White Oak Rd
- Big White Oak Rd
- Maller Ln
- E Tygarts Creek Rd
- Mountain Drive
- Graysbranch Rd
- Interstate 23
- Hwy 3116
- Hwy 10

# WATERWAYS AT RISK



- Three Prong Branch
- Leatherwood Branch
- Little Leatherwood Branch
- Little Oak Creek
- Cub Run
- Tygarts Creek
- Gray's Branch
- Ohio River



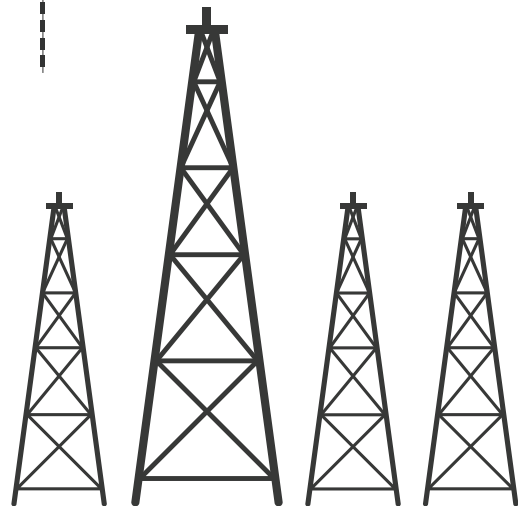
# WHAT CAN YOU DO?

For property owners where the Tennessee Pipeline crosses your property:

Check your lease. Some leases may require gas companies to negotiate a new lease for a change in the product flowing through the pipe.

Determine if the gas company used eminent domain in the original easement. If so the type of materials that can flow through the pipeline may be restricted.

Seek legal advice from your attorney or the Kentucky Resources Council at:  
FitzKRC@yahoo.com or  
(502) 875-2428



# TAKE ACTION

CONTACT YOUR LOCAL SENATOR, REPRESENTATIVES, MAGISTRATES, AND COUNTY JUDGE EXECUTIVE

**Robert W. Carpenter**  
Carter County Fiscal Court  
Greenup County Courthouse  
301 Main St, Room 102  
Greenup KY 41144  
(606) 473-6440

**Tony Wullen, Commissioner**  
113 Wells Lane  
Greenup KY 41144

**Mike Hieneman, Commissioner**  
139 Hillsdale Drive  
Greenup KY 41144

**Billy Stephens, Commissioner**  
149 Stephens Rd  
Wurtland KY 41144