

Phenix Township Resolution 24-02

Phenix Township, Henry County Resolution to Protect Citizens and First Responders from the Dangers of High-Pressure Carbon Dioxide Pipelines

Whereas, the Wolf ADM Mt. Simon Hub high-pressure carbon dioxide pipeline is proposed to be constructed across Phenix Township, Henry County, Illinois;

Whereas, no high-pressure carbon dioxide pipelines currently exist in Phenix Township, Henry County;

Whereas, carbon dioxide gas in high concentrations can asphyxiate, or at lower concentrations can sicken humans and livestock, thereby creating a risk of injury or even death;

Whereas, a rupture of a CO₂ pipeline has the potential to release a large quantity of carbon dioxide gas at high concentration levels that could travel potentially a mile from a pipeline rupture depending on weather and other factors; that county residents, their families, animals, livestock, and others will be within a corridor for the proposed Wolf CO₂ pipeline;

Whereas, carbon dioxide gas is colorless and odorless and may not be detected by humans making exposure difficult to detect and avoid and danger zones challenging to define;

Whereas, carbon dioxide gas can intoxicate citizens and first responders and cause disorientation and confusion, limiting the potential for self-evacuation by citizens and making first responder rescue operations challenging and dangerous;

Whereas, carbon dioxide gas is heavier than air and can settle in low lying areas and closed structures for significant periods of time;

Whereas, high concentrations of carbon dioxide following a rupture of a CO₂ pipeline could cause internal combustion engines in motor vehicles to malfunction or even stop operating, limiting the ability of citizens to use their trucks and cars to self-evacuate, and limiting the ability of first responders to use rescue vehicles;

Whereas, Phenix Township, Henry County, has no reliable information about the geographic extent of the potential danger zone following a rupture of the proposed CO₂ pipeline;

Whereas, large high-pressure liquified carbon dioxide pipelines may rupture with substantial force as the carbon dioxide depressurizes into a gas, producing running ductile fracturing for extensive distances unless stopped through use of sufficiently strong pipe steel or crack arrestors, putting nearby citizens and properties in danger;

Whereas, Phenix Township, Henry County first responders should not bear the cost of the specialized emergency response equipment, training, and other resources uniquely necessary for response to a high-pressure liquified carbon dioxide pipeline rupture;

Now therefore, be it resolved:

That the Phenix Township, Henry County approves a moratorium on any considerations, agreements, or requests for high-pressure liquefied carbon dioxide pipelines, and the asks all County Townships and Road Commissioners to honor this moratorium by tabling any requests regarding roads, construction, or other agreements or permits, for any high-pressure liquefied carbon-dioxide pipelines, until updated federal regulations are issued and in full effect by the U.S. Pipeline Hazardous Materials Safety Administration regarding high-pressure CO2 pipelines.

Futhermore, the Board of Trustees of Phenix Township, Henry County approves the moratorium for the best and future interests of township roads, township owned property, township cemeteries, landowners and residents in area that might be affected by said action of any high-pressure liquid carbon dioxide pipeline. Copies of said resolution to be filed with Henry County Board, ICC and other bodies as deemed appropriate.

Signed this Day of 11th day of October 2023

[Signature]

Township Supervisor

[Signature]

Town Clerk

[Signature]

Road Commissioner

[Signature] [Signature]

Trustees

Signed & sworn by [Signature], Phenix Township Clerk, on Oct 12th 2023.

[Signature]

Notary Public's Signature

