Emerging Issues in Oil and Gas Production: Data Transparency and the Falcon Pipeline

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FracTracker Alliance
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www.fractracker.org
About Us

OUR MISSION

FracTracker Alliance studies, maps, & communicates the risks of oil & gas development to protect our planet & support the renewable energy transformation.

OUR VISION

FracTracker is a leading resource on oil & gas issues & a trusted asset to the concerned public.

Learn more at fractracker.org

Populations within the threat radius

12.4 million US residents live within ½ mile of an active well, pipeline, or compressor station
The Falcon Ethane Pipeline

• 97-mile pipeline crossing 25 townships in PA, WV, OH
• Transporting 107,000 barrels of ethane per day
• Feed stock for plastics manufacturing (ethane cracker)

Shell pitching the Falcon

Site of Shell’s pending ethane cracker

Similar Shell cracker in China
Pipelines: Implications & Dependencies

- 4,600 miles of new pipelines proposed for PA
- Could increase to 30,000 miles by 2040

- Land impacts would exceed state park system
- Now: 11,000 PA unconventional oil and gas wells; ~40,000 more needed to support a pipeline buildout

Pipeline land impacts

Salem Township (PA) explosion
Crunching the Data

Questions

1. Exact pipeline route, and remaining needed properties
2. Location of water crossings
3. Proximity to buildings & recreational spaces
4. Blast zone & populations at risk
5. Potentially impacted sensitive habitats & species of concern

Community Meetings
The Falcon Public EIA Project

Launched January 2018: fractracker.org/falcon-public-eia
Findings (A Sample)

- Falcon path: 97.5 miles through 22 townships
- Will intersect: 319 streams and 174 wetlands
- In risk areas: 550 family residences, 20 businesses, 240 groundwater wells, 12 public parks, 5 schools, 6 daycare centers, and 16 emergency response centers.

Class Locations, Buildings & Recreational Areas
Watershed Impacts

- Ambridge Reservoir supplies 30,000 customers with 6.5 million gallons drinking water
- Headwaters to be crossed
- Water Authority released statement
At-risk Populations

Housing development map, showing Falcon pipeline path and blast zone through the planned development.
Take Action

- Transparency is a process, and pivotal to public health
- Visit fractracker.org for more information about the Falcon Public EIA Project
- Special thanks to Clean Air Council and Breathe Project
- Download our app (shown right)

The Falcon Public EIA Project: fractracker.org/falcon-public-eia

Download the FracTracker app: fractracker.org/apps
Thank you

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