



FRACTRACKER
ALLIANCE

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

Samantha Rubright, DrPH, CPH

FracTracker Alliance

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www.fractracker.org

About Us

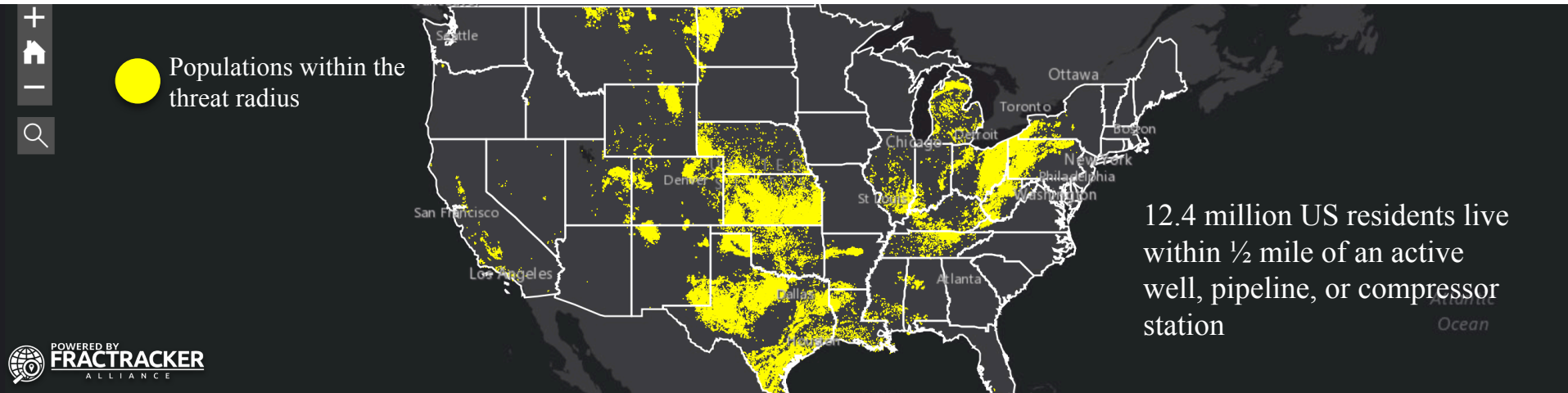
OUR MISSION

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



The Falcon Ethane Pipeline

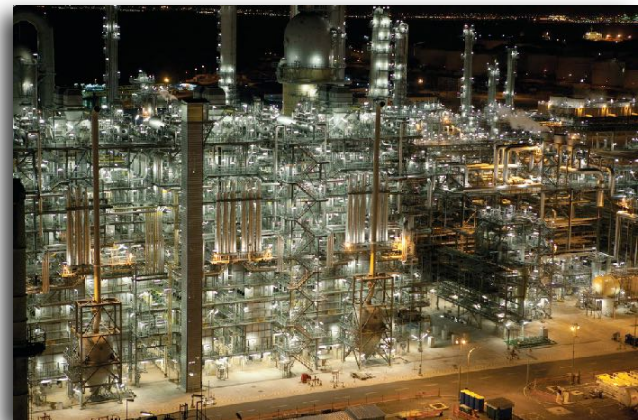
- 97-mile pipeline crossing 25 townships in PA, WV, OH
- Transporting 107,000 barrels of ethane per day
- Feed stock for plastics manufacturing (ethane cracker)



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

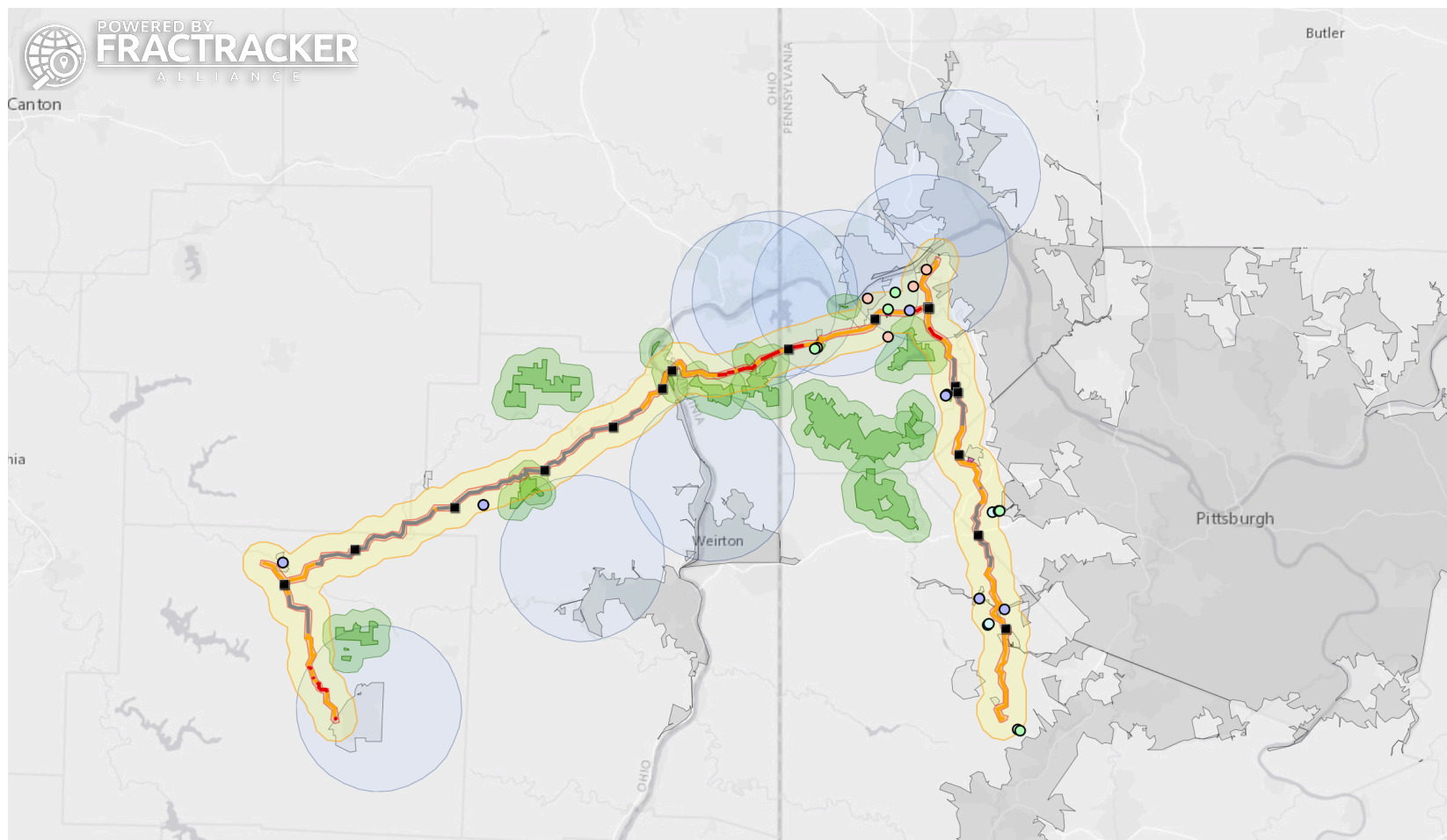
Questions

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)

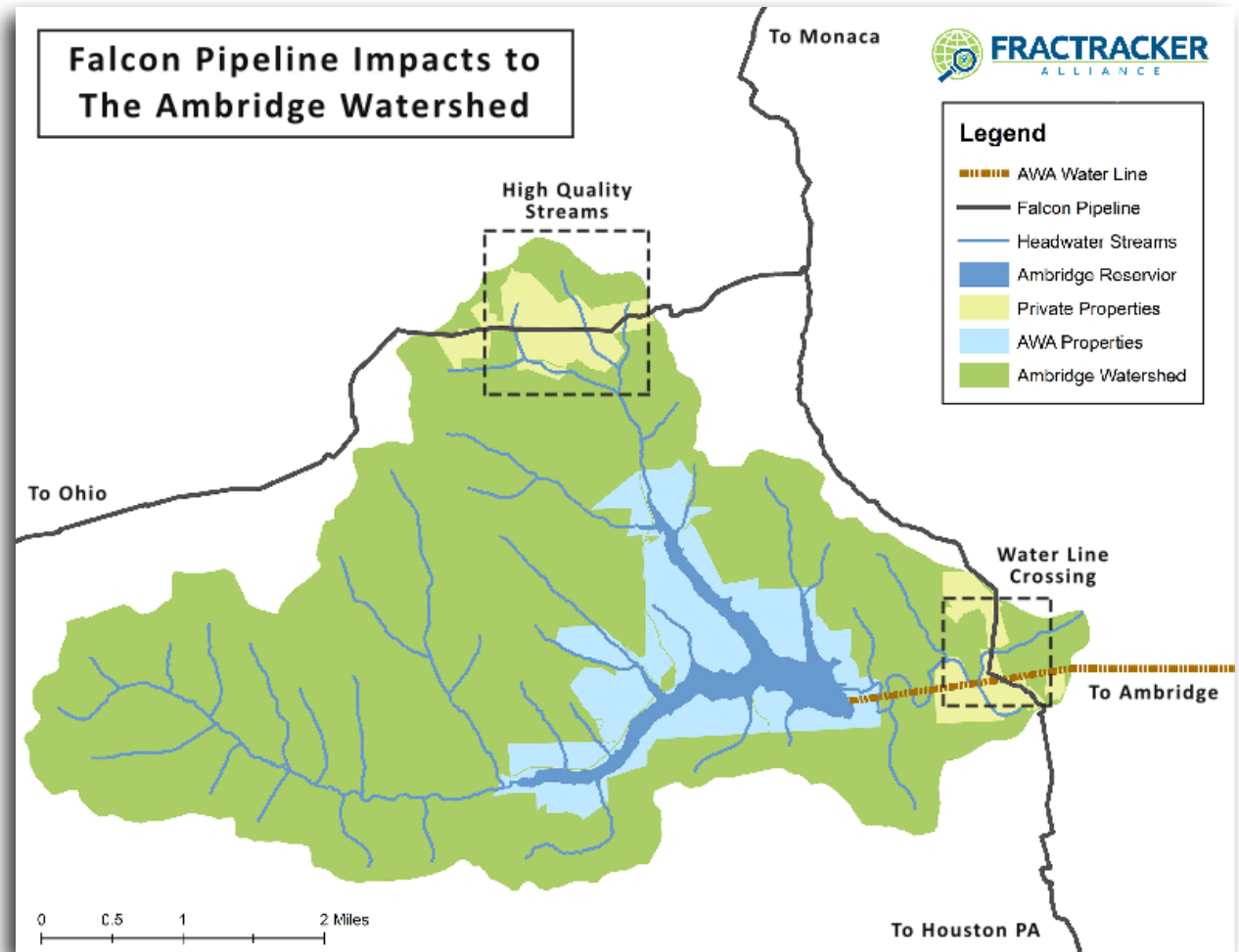
- Falcon path: 97.5 miles through 22 townships
- Will intersect: 319 streams and 174 wetlands
- In risk areas: 550 family residences, 20 businesses, 240 groundwater wells, 12 public parks, 5 schools, 6 daycare centers, and 16 emergency response centers.

Class Locations, Buildings & Recreational Areas



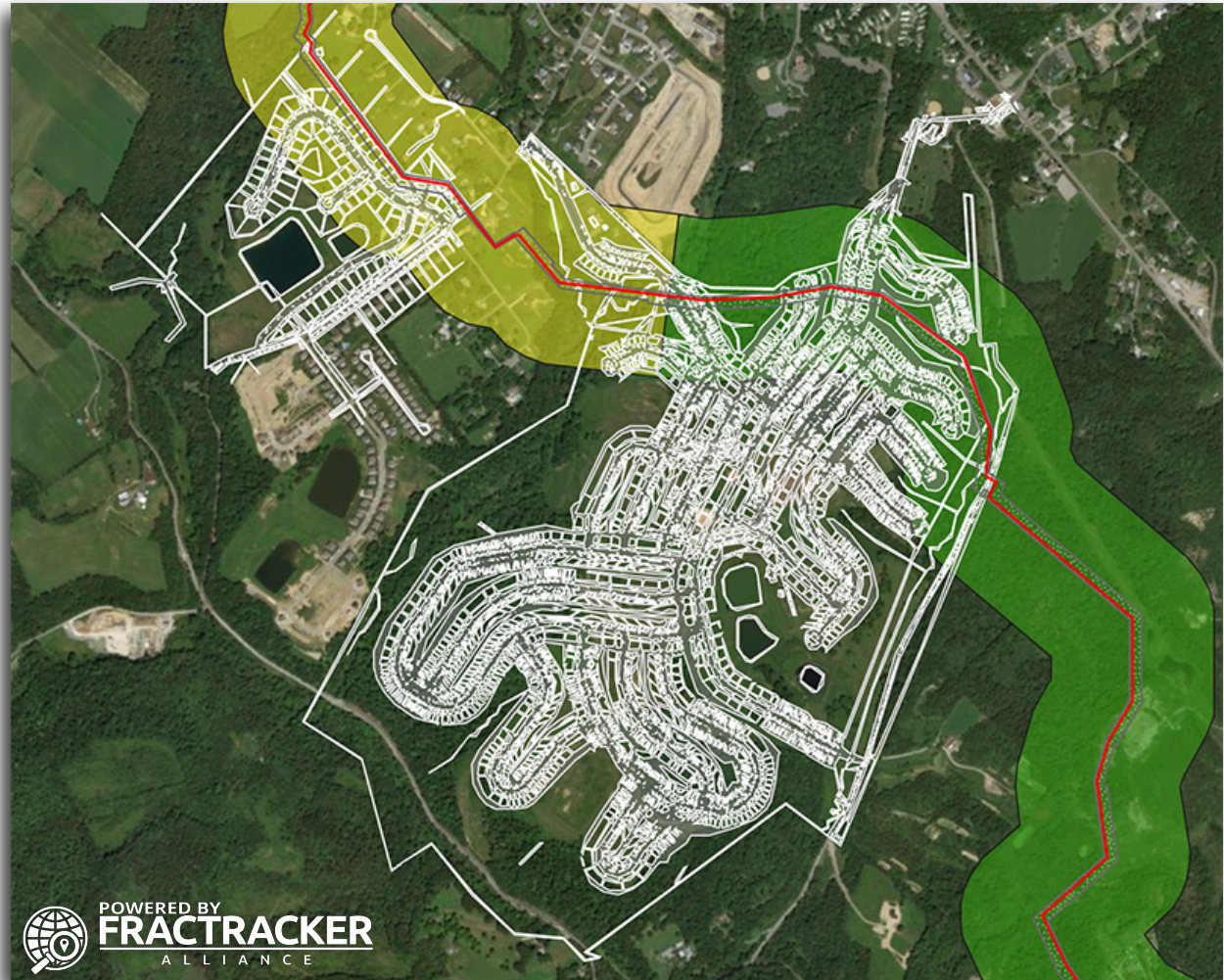
Watershed Impacts

- 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



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A L L I A N C E

Thank you

Samantha Rubright, DrPH, CPH

FracTracker Alliance

malone@fractracker.org

(202) 630-6426

www.fractracker.org