



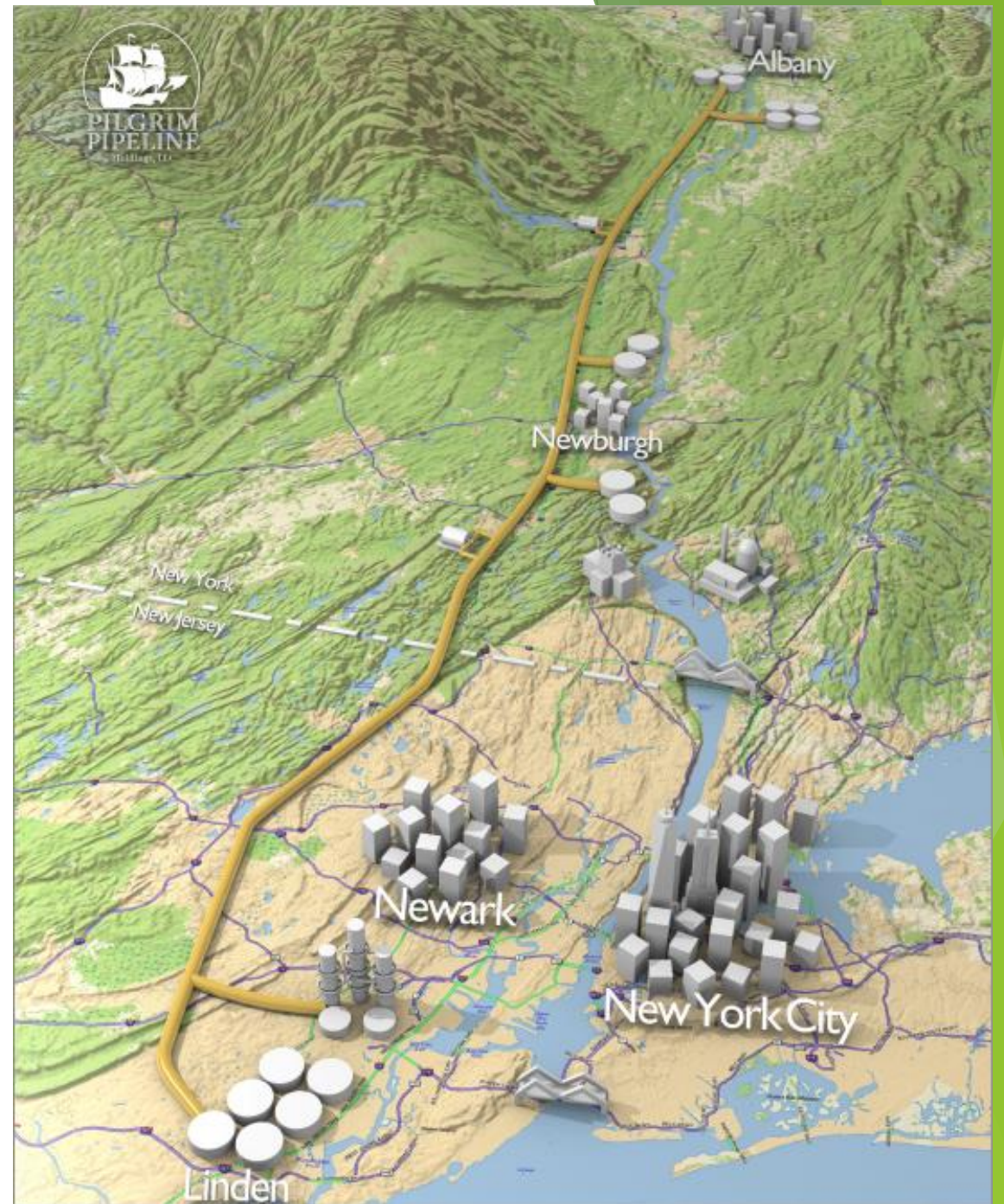
**SIERRA
CLUB**

The Threat of Pilgrim Pipeline and we can stop it

Jeff Tittel, Director
New Jersey Sierra Club

Pilgrim Pipeline

- ▶ Bi-directional Oil Pipeline
- ▶ Would carry 400,000 barrels of Bakken crude oil and refined products per day, virtually every day, for the next 30 to 40 years.
- ▶ Reverses to carry refined products from Linden and Sewaren back up to New York state



Bakken Oil is **EXPLOSIVE**

- ▶ Bakken crude oil is flammable, toxic, and corrosive
- ▶ It is considered highly volatile and more combustible than other forms of oil
- ▶ Contains less solids and therefore requires less refining - making it highly explosive
- ▶ Bringing this fuel into our state endangers our families, property, and environment



Lac-Mégantic rail disaster killed 47 people



Moiser, OR train derailment June 3rd 2016

The Pilgrim Pipeline puts at risk....



Damage from the Tennessee Gas Pipeline



Photo Credit: North Jersey Pipeline Walkers

Environmental Impacts from Pipelines

- ▶ Sedimentation of waterways and wetlands
- ▶ Loss of forest cover and important habitat
- ▶ Changes hydrogeology of surrounding area and groundwater recharge potential

- ▶ Impact steep slope areas where erosion is hardest to control
- ▶ Crosses through Ramapo River watershed and potentially other drinking water supply sources
- ▶ Threaten habitat for a number of threatened and endangered plants and animals



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Impacts to Communities

- ▶ Will cross through densely populated areas
- ▶ Air pollution emissions from pump stations
- ▶ Could cross contaminated sites or redevelopment areas
- ▶ Cuts through environmental justice communities burdened with excessive pollution and will be adding more, greatly affecting public health and the environment

Spills Happen



- In January 2015 a Bridger pipeline spill in Montana leaked more than 50,000 gallons of Bakken crude into the iconic Yellowstone River.
- If this spill happened in the Highlands, only 3,000 gallons of oil could have polluted more than 12 billion gallons of water.
- The Highlands is like our Yellowstone, but as you know is more important because of all the people who depend on the drinking water from the Highlands region.

Lack of Oversight & Monitoring

- ▶ PHMSA only has 135 inspectors to oversee 2.6 million miles of pipeline
- ▶ Only 1/5 of pipeline system has been inspected by PHMSA or its state partners since 2006
- ▶ WSJ Report in January found since 2010 monitoring controls discovered less than 20% of oil spills. Folks on ground 3x as likely to be 1st to report a problem
- ▶ PHMSA study found most pipeline operators didn't want to upgrade detection systems, fearing higher costs and false alarms

Bakken Crude Oil is a Ticking Time Bomb

- ▶ Rail, Barge, Pipeline- NONE are SAFE!
- ▶ Pipeline would be used to expand capacity to move oil in region, NOT to replace rail or barge



The oil tanker sailing up the Hudson River en route to Albany

Our Work to Stop the Pipeline

- ▶ Helped to form the Coalition Against Pilgrim Pipeline
- ▶ 28 out of 28 towns on the route oppose Pilgrim Pipeline as well as 5 New Jersey Counties and the state Assembly and Senate
- ▶ Urging property owners, utility companies, governments to deny or rescind survey access
- ▶ Obtaining information on the record to fight various permits
- ▶ Working with Princeton Hydro to conduct an environmental impact study to fight the permits

Agencies and Reviews

- ▶ How can we fight this pipeline at each agency involved?



State and Local Review Process

- ▶ NJDEP Green Acres diversion process and State House Commission approvals
- ▶ Watershed Moratorium Commission
- ▶ State and Federal Endangered Species Act
- ▶ NJDEP Highlands Applicability Determination needed
- ▶ Highlands Council approval needed
- ▶ Local zoning and ordinances will apply
- ▶ Consistency with Coastal Zone Management Act

Anti-Degradation of Streams

- ▶ The Clean Water Act's anti-degradation criteria protects high quality streams
- ▶ Many of these streams would be impacted by PennEast Pipeline
- ▶ The route will cut areas with steep slopes having a bigger impact on streams because of siltation and runoff.



Alexauken Creek

Department of Environmental Protection

- ▶ 401 water quality certificates
- ▶ Stream encroachment
 - ▶ crossings, buffers
- ▶ Wetlands
 - ▶ fill, crossing, and buffers
 - ▶ Section 202 CWA
- ▶ Section 303 Water permit
- ▶ Flood hazards
 - ▶ fill, buffers
- ▶ Stormwater
- ▶ CAFRA Coastal Program
- ▶ Coastal Zone Management Act
- ▶ Green Acres
- ▶ Statehouse Commission
- ▶ Watershed Moratorium Commission
- ▶ Water allocation
- ▶ NJPDES (water discharge)
- ▶ Threatened and Endangered Species
- ▶ SHPO (historic reviews)
- ▶ Replacement trees on public lands
- ▶ Other land use permits

Best Places to Stop or Slow Pipeline

Focus on These Permits! These are the places we have the best chance of stopping or slowing down the pipeline

- ▶ 401 Water Quality Certificate
- ▶ Stream encroachment
- ▶ Flood Hazard/ Wetlands
- ▶ Endangered Species
- ▶ Highlands DEP permit and Highlands Council

70% of people along the PennEast Pipeline route in New Jersey have not let them on their land to survey. This has slowed down their permitting process.

Keeping it In the Ground

- ▶ Banning unsafe oil bomb trains, Sierra Club suing in federal court
- ▶ National policy for 100 percent renewable energy by 2035 and carbon free by 2050
- ▶ Programs **Plug-in Electric Vehicles/Hydrogen Fuel Cell Car**
- ▶ Support and Strengthen **Clean Power Plan** to reduce pollution from New Jersey power plants
- ▶ Re-Joining the **Regional Greenhouse Gas Initiative (RGGI)**, and expanding it to include oil, petroleum, and refineries



Take Action on these Bills and Programs

- ▶ **80 Percent Renewable Energy by 2050** legislation called **S1707 (Smith) /A2203 (Eustace)**, passed through Senate, needs to be passed in the Assembly
- ▶ **S3222 (Weinberg)** would put a fee on the shipment of oil to make our rail lines safer, to make fossil fuel companies pay their true cost.
- ▶ Introduce legislation from Georgia that blocks use of eminent domain by private oil carriers
- ▶ Towns to put up for money for catastrophic insurance policies for pipeline companies
- ▶ Expand “Clean Car program” and do more to promote electric vehicles
- ▶ DEP must implement the state’s Global Warming Response Act, which is a 80 percent reduction in carbon by 2050



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Keep in Touch with Us

- ▶ Sign Up for Coalition Against Pilgrim Pipeline Action Alerts on [StopPilgrimPipeline.com](https://www.stoppilgrimpipeline.com)
- ▶ Follow Us on Social Media
- ▶ <https://www.facebook.com/NJSierraClub/>
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