

Pilgrim Pipeline Threat to our Water

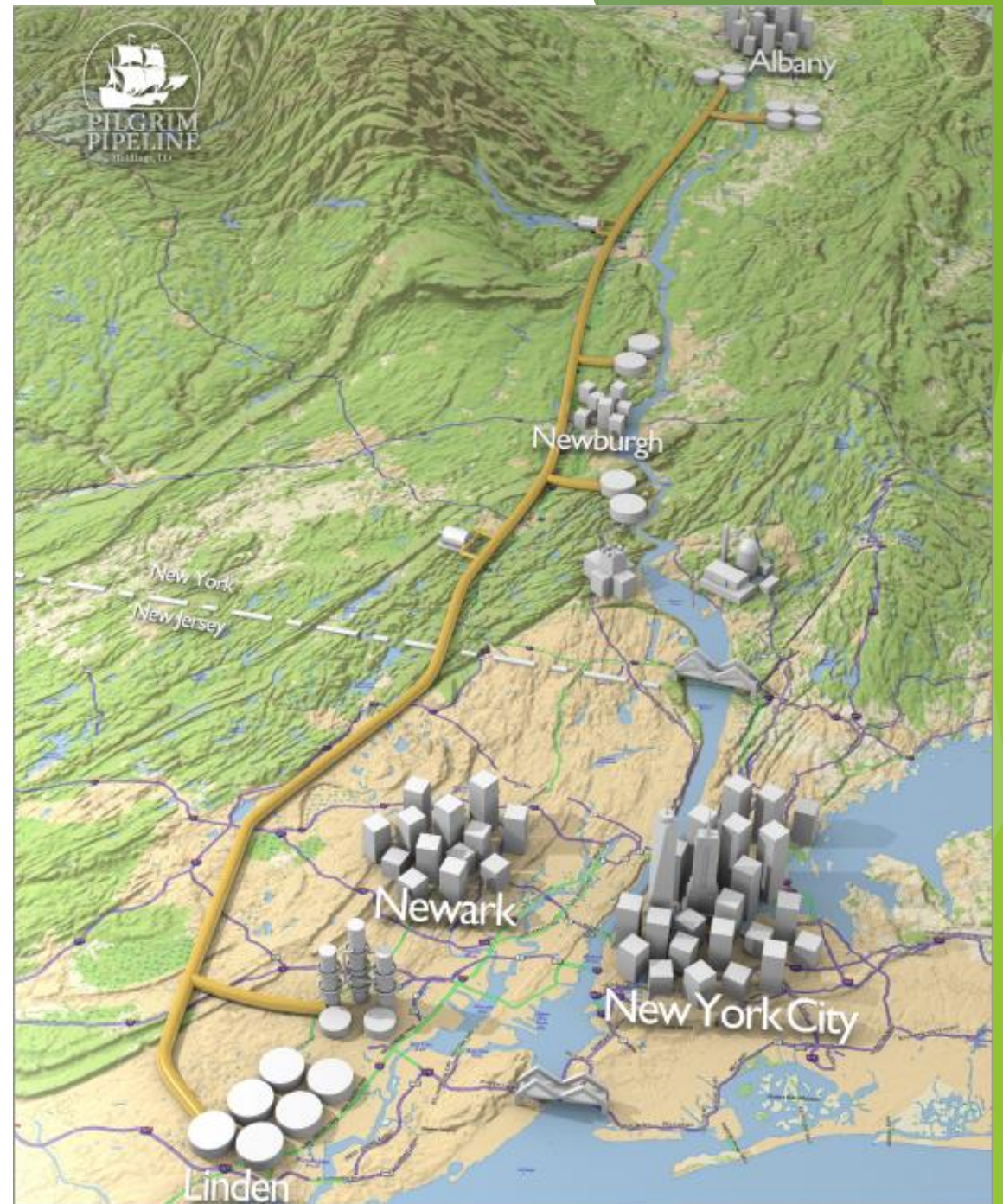
Jeff Tittel, Director of the New Jersey Sierra Club



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Pilgrim 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.
- ▶ Would carry refined products from Linden back up to New York state



The Pilgrim Pipeline puts at risk.....



Passaic River

Threatening the drinking water
for **500,000 people**



Buried Valley Aquifer

Impacting the drinking water for **500,000 people**



Wanaque Reservoir
Threatening the drinking water for
2.5 million people

Ramapo River

Impacting the drinking water for
650,000 people





Two Bridges Water Supply Intakes in the Pompton River gets pumped into Wanaque River and the Passaic Valley intake (it is the back up water supply source for about 600,000 people). The Boonton Reservoir could also be impacted with the current route.

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.
- Enbridge spilled 20,000-barrels of oil in the Kalamazoo River tributary.
- Since one quart of oil pollutes a million gallons of water, a 50,000 gallon spill in the Highlands Region would wipe more than 200 billion gallons of water, threatening the entire water supply.

Attack on Clean Water, making it easier to build pipelines

The Christie Administration's New Jersey Department of Environmental Protection have been rolling back and weakening important rules to make it easier to build pipelines. They are doing this in the newly adopted Flood Hazard rules and proposed Wetlands rules. The DEP has already approved water permits based on the new Flood Hazard rules for the South Jersey Gas pipeline and Southern Reliability Link.



Horizontal Directional Drilling

- ▶ Both Flood Hazard rules and proposed Wetlands rules allow for drilling under a stream or wetland because they say it has “no water quality impact.”
- ▶ Horizontal Directional Drilling (HDD) uses a lot of chemicals and when drilling, it could collapse or create a hole underneath, increasing run-off and pollution.
- ▶ This approach causes more siltation, erosion, and even could cause a mudslide during heavy rain.
- ▶ Thermal pollution from pipelines will also have significant impacts to the nearby streams. There could also be a blow out or frack out polluting a wetlands or stream with drilling fluid.

Rollbacks in Flood Hazard Rules

- The new rules eliminate important buffers and critical headwater protections for high quality Category 1 (C-1) streams as well as Special Water Protection Areas (SWRPA), including the 150 foot buffer.
- In these rules, DEP has determined a pipeline crossing a stream will “not disturb the stream in any way” for each crossing along the route, saying it will have no impact.
- Pipelines no longer need individual permits and can be pushed through by permit-by-rule. For the SRL pipeline, they approved 40 stream crossings with permit-by-rules to avoid looking at secondary and cumulative impacts.
- They are pushing for more Horizontal Directional Drilling (HDD) because they say it will not have environmental impacts.

How You Can Help!

- **SCR66 (Lesniak)/ ACR160 (McKeon)** would override the DEP's dangerous Flood Hazard Rules. The resolution was passed twice in the Assembly and once in the Senate. However, Senator Sweeney has blocked it from another floor vote; otherwise the rules would be nullified.
- **You can write and call Senator Sweeny to post SCR66 for a vote today:**
E-mail sensweeney@njleg.org
(856) 251-9801 (West Deptford)
(856) 339-0808 (Salem)

Attacks in the proposed DEP Wetlands rules

- The proposed rules will remove important protections and allow construction of pipelines through environmentally sensitive wetlands.
- The rules would allow for large projects such as quarries, pipelines, highways, and other damaging projects. Permits for these projects would be changed from five years to 10 years.
- They allow for utility crossings and maintenance that makes it easier for pipelines and powerlines to be built, destroying wetland habitat.

Attacks in the proposed DEP Wetlands rules

- This proposed rule changes the general permits in the Wetlands Rules to be consistent with the weaker, more damaging Flood Hazard Rule general permits. This includes General Permit 2, which makes it easier to build pipelines through wetlands.
- The rules do not consider HDD to have any impact on water quality.
- These rules make it easier to fill and drill wetlands because they are not connecting to Surface Quality Standards standard. By “not having an impact on water quality” it means the DEP won’t look at impact to C-1 streams.

Attacks in the proposed DEP Wetlands rules

- The proposed rules do not look at cumulative impacts by allowing multiple general permits or individual permits for each wetlands, not the entire project. This allows segmentation for projects like pipelines.
- They promote mitigation in other watersheds to destroy more wetlands as well as allow less mitigation.
- The rules are not tied to Surface Water Quality Standards.

Implications for Christie's Flood Hazard and Wetlands Rules

- By not recognizing HDD's impact on wetlands and waterbodies, it makes it easier for DEP to approve the 401 Water Quality Certificate.
- This could give DEP cover for approving pipelines.
- It could also be the reason why Pilgrim has been delaying so they can wait until these rules are in place.

Submit Comments against the rules by June 30th

Written comments may be submitted electronically by
June 30, 2017 at

<http://www.nj.gov/dep/rules/comments> ; or in hard
copy to:

Gary J. Brower, Esq.
ATTN: DEP Docket No. 06-17-03
NJ Department of Environmental Protection
Office of Legal Affairs
Mail Code 401-04L; PO Box 402
401 East State Street, 7th Floor
Trenton, NJ 08625-0402

Progress Against Pilgrim

- 28 out of 28 towns on the route oppose Pilgrim Pipeline in New Jersey as well as 5 New Jersey Counties and the state Assembly and Senate
- Property owners and PSE&G have denied or rescinded survey access
- NJDEP permits have yet to be filed
- Princeton Hydro has put together findings to fight various DEP permits
- In New York, Pilgrim failed to submit their draft scope to be able to move forward with permits.
- Global Partners and Buckeye blocked Pilgrim access at their Albany terminal
- The route is no longer ending in Sewaren because Global Partners, Buckeye, and Kinder Morgan terminals and refineries do not want Pilgrim.
- Phillips 66 Bayway Refinery in Linden, where the current route ends said they do want to partner with Pilgrim or want to refine the oil from this project.

Fossil Fuel Project Cancellations Across U.S.



Northern Access and Island East rejected because of Water Quality Certificate Denial

Our Work Against Other Pipelines

- ▶ **The Sierra Club is involved in more than a hundred pipeline fights across the country**
- ▶ **Despite these being major battles, we have made progress:**
 - ▶ Constitution, Island East and Northern Access Pipelines were killed when denied water permits by their states
 - ▶ Northeast Energy Direct withdrew their application due to public outcry
 - ▶ Stopped LNG ports: Port Ambrose, Exxon and BP Greenwich Twp. in New Jersey
 - ▶ We got FERC to deny the Jordan Cove LNG and BLANK Pipeline in Oregon
 - ▶ New Jersey stopped the Independence and Market Link Pipeline, which FERC turned down
 - ▶ In Georgia, we helped pass legislation stopping oil pipelines from getting eminent domain
 - ▶ Along with the Delaware Riverkeeper Network, we won an important lawsuit against FERC's attempts to segment the Tennessee Gas Pipeline
 - ▶ DEP rejected PennEast's applications for water and wetlands permits for being deficient



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