

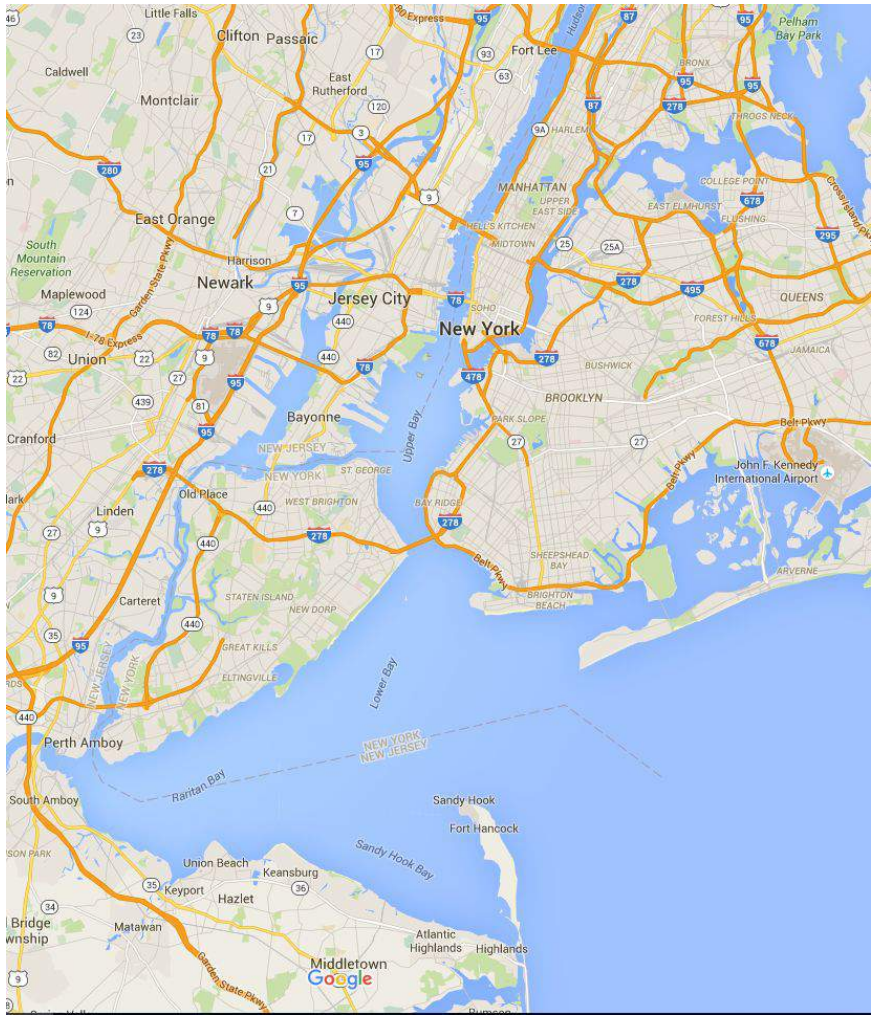
# Impact of Williams Transco NESE on Raritan Bay

Debbie Mans, Baykeeper & Executive Director  
NY/NJ Baykeeper



"NY/NJ Baykeeper's mission is to protect, preserve, and restore the NY-NJ Harbor Estuary."





# NY-NJ Harbor Estuary

# “Nurseries of the Ocean”

- Wetlands, eelgrass
- Menhaden, Bluefish, Summer Flounder, Striped Bass, American eel, Atlantic sturgeon
- Habitat for shellfish, crabs, lobsters, and waterbirds
- Coastal and Maritime Forests

**Comprehensive Restoration Plan developed**

# Recreational Value



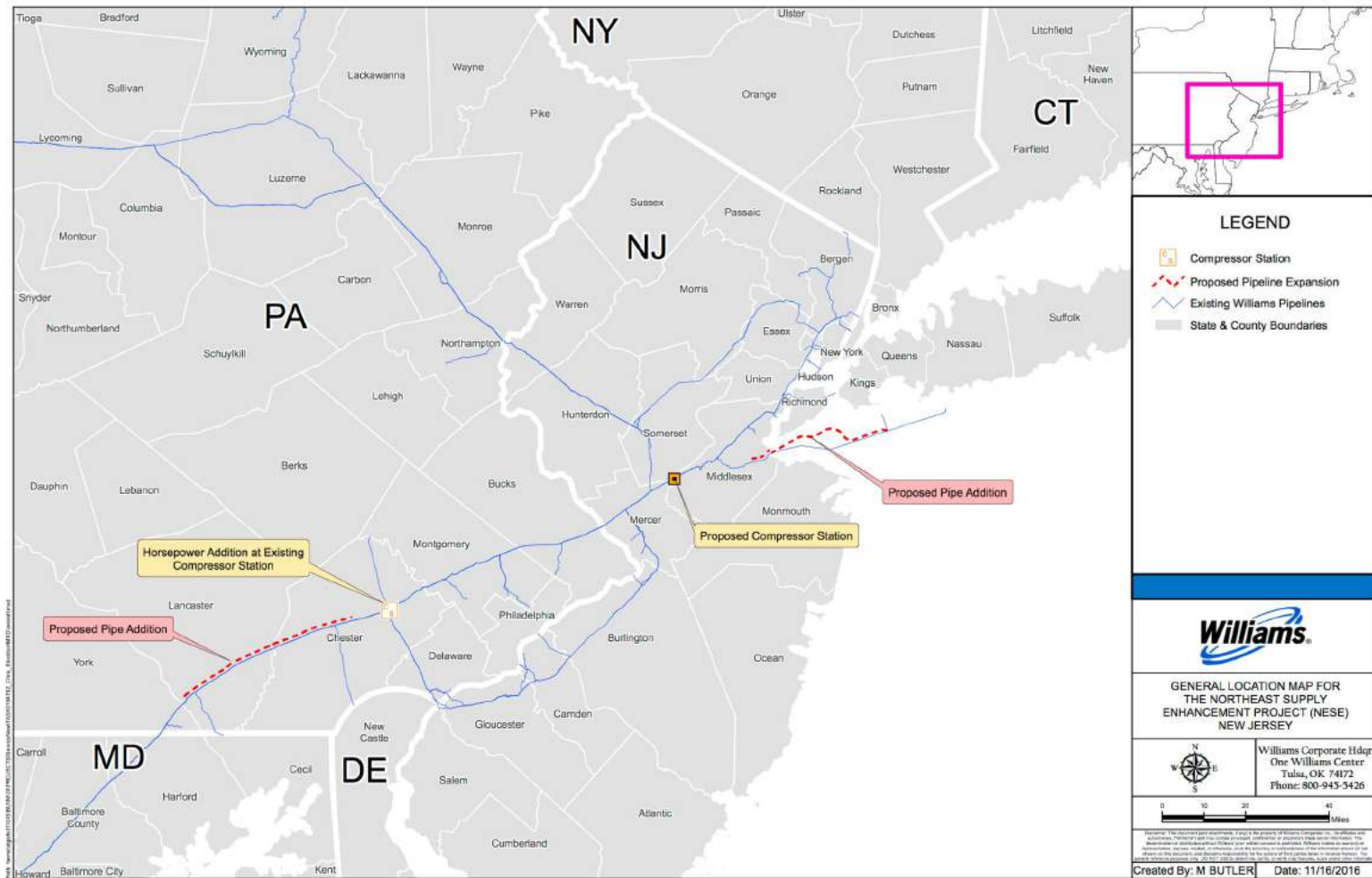




Commercial Clamming Industry

# Proposed Williams Transco Pipeline

- 23.4 pipeline proposed to be constructed under Raritan Bay
- Compressor station in Franklin Township in Somerset County
- Fracked natural gas from the Marcellus Shale region
- Pipeline would be constructed from Old Bridge, NJ to Rockaway, NY
- No benefit to NJ. Gas would service ONLY NY







DRAWING NO.			REFERENCE TITLE			TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC LAND USE/LAND COVER NORTHEAST SUPPLY ENHANCEMENT PROJECT PENNSYLVANIA, NEW JERSEY				Williams	
BA-1											
REV.	DATE	BY	REVISION DESCRIPTION	WGS. NO.	CHG.	APP.	DRAWN BY	DATE	SCALE FOR REC. NO.	SCALE	PROJECT NUMBER
A.	10/17/2016	AL	ISSUED FOR PERC DRAFTING	1000891	MK	SM	CHOWDHURY	6/26/2017	SCALE FOR CONSTRUCTION: N/A	1:4,800	Project Number: 15
B.	10/17/2016	AL	ISSUED FOR PERC FILING	1000891	MK	SM		6/26/2017			
C.	02/02/2017	BN	ISSUED FOR PERC SUPPLEMENTAL FILING	1000891	BN	SM		02/02/2017			
							WGS. 1000891	Field Date: 02/02/2017	FIGURE 8A-1		
									SHEET 28		
									OF 30		

Data Sources: S&P 2011, USGS 2012, DOT, USCA NHP 2016, Williams 2017, PennDOT 2016, New Jersey Office of GIS 2016, U.S. Census Bureau 2010, 2010MDC 2010.



# Construction Techniques

Depending on depth:

- Horizontal directional drilling (landside and shipping channels)
- Clamshell bucket dredge (to 20' water depth)
- jet sled (suction and spray) or mechanical plow

26" pipe with a 2" concrete sleeve

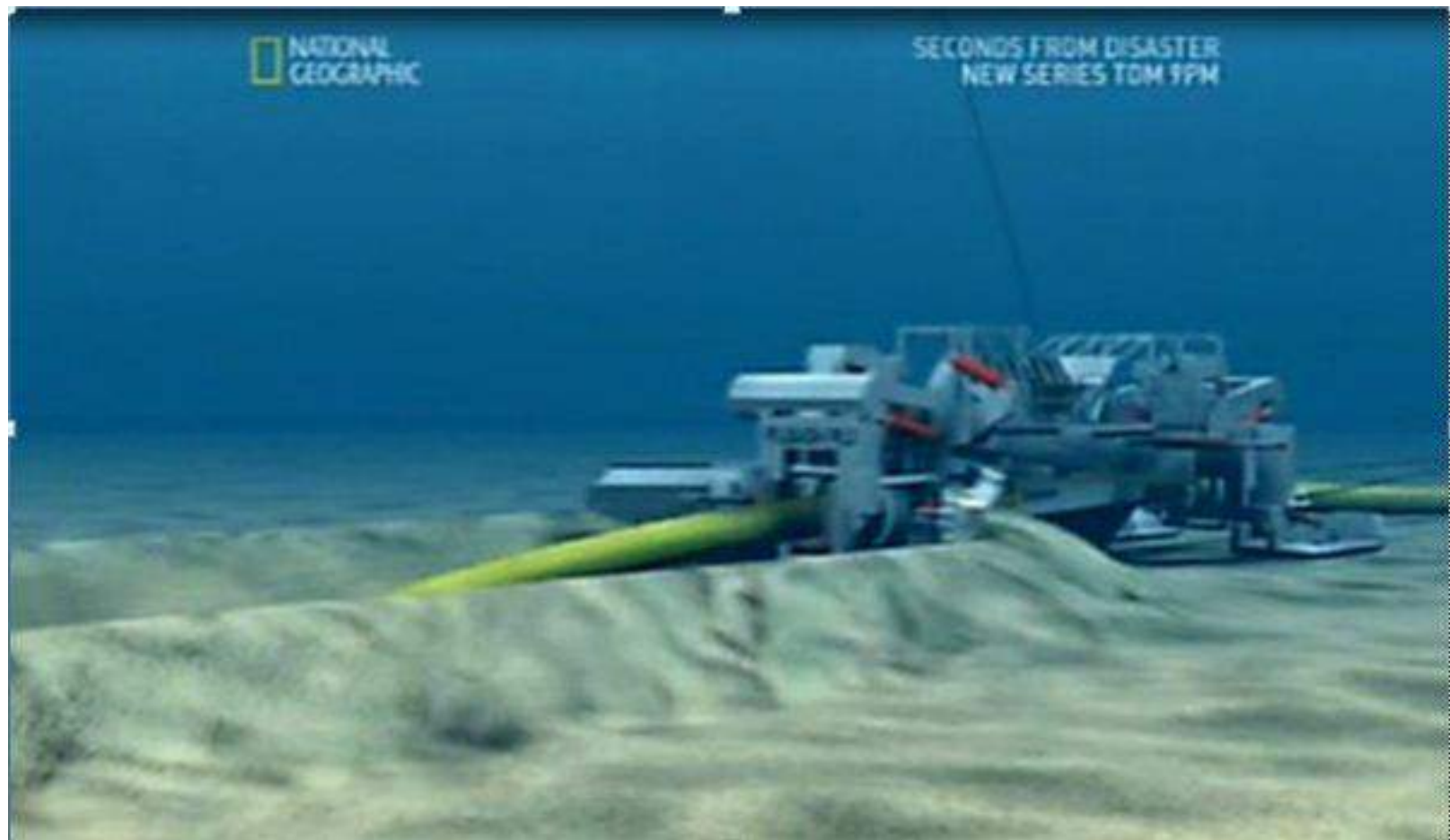
Significant barge and vessel traffic

Trench (testing design)

- 38-50' bottom with either 2:1 or 3:1 slope
- Backfill trench (where practicable) or casting material to the side

NATIONAL  
GEOGRAPHIC

SECONDS FROM DISASTER  
NEW SERIES TOM 9PM



# Potential impacts

- Disruption (temporary and permanent) to fishing, boating and other recreational activities
- Impacts (temporary and permanent) to habitat for clams, horseshoe crabs, fish and other marine animals, including endangered marine species
- Public access to waterfront and bay
- Commercial shipping industry and port activities



## Potential Impacts (cont.)

- Anchorage restrictions
- Contaminated sediment concerns, including Raritan Bay Slag Superfund Site
- Vessel and barge strikes
- Noise from piling installation using vibratory device
- Applying for an Incidental Harassment Authorization related to potential impacts to seals, whales, dolphins and porpoises



# Need full Environmental Impact Statement (EIS)

- Gaps in data, including complete offshore sampling data and impacts on Essential Fish Habitat
- Impacts to threatened and endangered species
- Need further information on temporary, permanent and indirect impacts
- Overall, up to 14,000 acres of Raritan Bay (surface and bottom) impacted by construction
- Expect Draft EIS in Fall 2017

# Additional Considerations

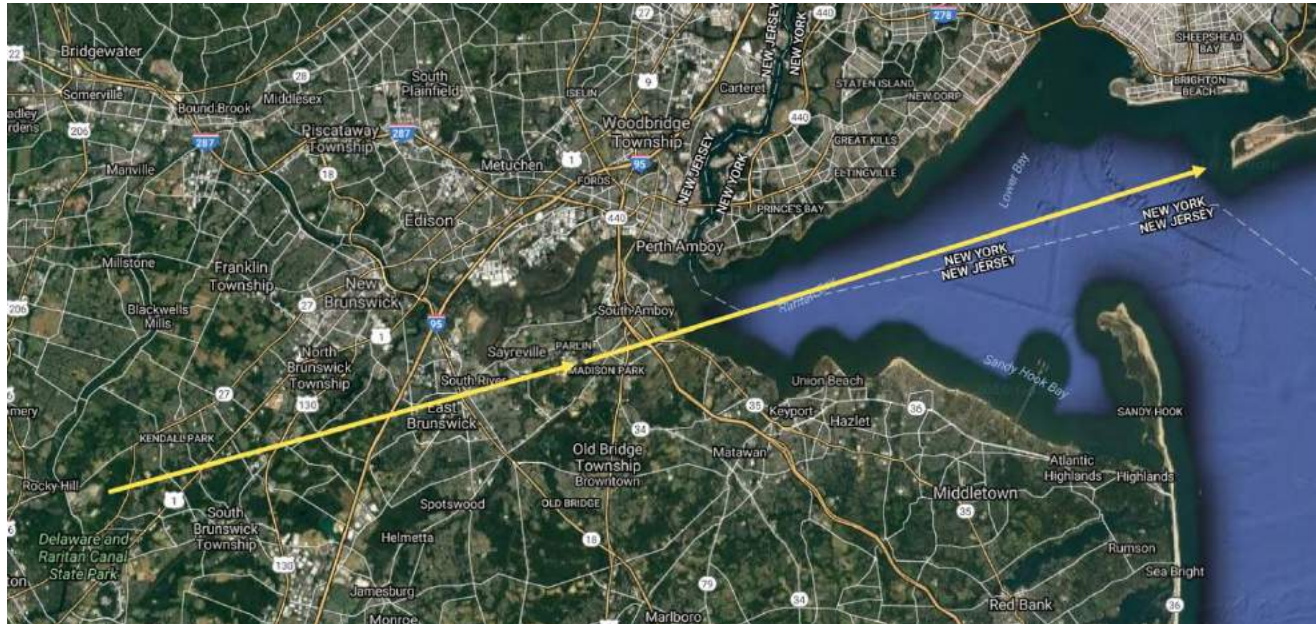
- This is a step backwards for our energy policy and the environment by committing the region to more fossil fuel infrastructure projects that may be unnecessary or make it more difficult for renewables to enter the market.
- Exacerbates climate change
- Air pollution





# How to Help

- Sign up to be an intervenor and submit a public comment today!
- Directions can be found on [www.nynjbaykeeper.org](http://www.nynjbaykeeper.org)





# Questions?

Visit:

[www.nynjbaykeeper.org](http://www.nynjbaykeeper.org)

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