



Resolution

Urging FERC to Require a Health Assessment and Otherwise Opposing the Construction and Operation of a Compressor Station to Connect to Williams Transco's Pipeline in Franklin Township (Somerset County) NJ

WHEREAS, the residents of South Brunswick Township live in close proximity to the proposed Williams-Transco Compressor Station 206 at Trap Rock Quarry in Franklin Township; and

WHEREAS, Williams Transco plans to install a greenfield natural gas fired 32,000hp Compressor Station 206 in Franklin Township, Somerset NJ; and

WHEREAS, the Trap Rock Quarry, adjacent to the proposed Compressor Station 206, is slated as a potential future reservoir site in 2045; and

WHEREAS, the Federal Energy Regulatory Commission (FERC) issued a Draft Environmental Impact Statement (DEIS) on March 23, 2018; and

WHEREAS, FERC acknowledges receiving comments requesting FERC to perform a Health Impact Assessment for Compressor Station 206 in the Executive Summary (pages ES-5 to 7), Environmental Analysis (page 4-292) and their Conclusions and Recommendations (page 5-20) of the DEIS; and

WHEREAS, FERC also identifies existing federal guidelines for air quality and that, pursuant to these regulations, Compressor Station 206 is designated as a minor source of pollution; and

WHEREAS, the FERC online database does not indicate performing a Health Impact Assessment for the past 12 years; and

WHEREAS, recent studies detail known and evidenced health hazards resulting from natural gas-fired compressor station emissions and causal evidence of long-term chronic health conditions; and

WHEREAS, these studies include but are not limited to: 2015 Southwest Pennsylvania Environmental - A brief review of compressor stations¹; NY Environmental Health Project 2017 study - Health Effects Associated with Stack Chemical Emissions from NYS Natural Gas

Compressor Stations: 2008-2014²; Dr. Nordgaard's studies regarding compressor chemical emissions highlighting that current federal standards do not closely reflect actual human health risks³; Concerned Health Professionals of NY published its 5th edition Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking (unconventional Gas and Oil Extraction)⁴; and

WHEREAS, a study of nearly 2.5 million veterans followed for over eight years concluded that there is a significant association between exposure to airborne Particulate Matter (PM_{2.5}) and kidney disease. The authors found that levels of PM_{2.5} that were below the EPA threshold of 12 microgram/m³ were associated with risk of Chronic Kidney Disease (CKD) and end-stage renal disease (ESRD)⁵; and

WHEREAS, the Application from Williams Transco for the Northeast Supply Enhancement Project indicates an expectation that PM_{2.5} emissions for Compressor Station 206 and background air would be dangerously close to exceeding "acceptable" thresholds:

Annual:	10.1 microgram/m ³
(EPA-NAAQS threshold:	12 microgram/m ³)
24-hour:	32.1 microgram/m ³
(EPA-NAAQS threshold:	35 microgram/m ³)

WHEREAS, airborne emissions from Compressor Station 206 have been identified from Williams as:

- **Estimated** emissions from proposed compressor, **in tons per year (tpy)**, for:

CO = 56.86tpy;	NOx = 22.74tpy;	VOC = 8.35tpy;	PM ₁₀ = 18.94tpy;
PM _{2.5} = 18.94tpy;	SO ₂ = 3.07tpy;	GHG (natural gas) = 132,720tpy.	

- **Estimated** caustic chemical emissions, **in pounds per year (lbs/yr)**, for:

Formaldehyde= 660lbs/yr;	Ammonia = 29,580lbs/yr;	Acrolein = 6lbs/yr;
Acetaldehyde = 44lbs/yr;	Ethylbenzene = 34lbs/yr;	Benzene = 14lbs/yr;
Toluene = 142lbs/yr;	Propylene Oxide = 32lbs/yr;	Xylenes = 70lbs/yr.

WHEREAS, these estimated emissions have not been validated by FERC; FERC has not performed a health impact of the above identified chemicals in recent years; and FERC has not indicated reviewing recent developments and studies correlating natural gas fired compressor emissions with direct health hazards; and

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WHEREAS, Federal and New Jersey state agencies have recognized the above stated airborne chemical emissions as highly toxic to human health causing a variety of immediate and chronic health conditions; and

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WHEREAS, the ambient air sampling that was completed for the NESE Project used stations in Elizabeth, North Brunswick, and East Brunswick NJ as well as Philadelphia PA, and each only measured specific components; and

WHEREAS, there was no local assessment of air quality emissions that included the airborne pollutants from the mining operations of Trap Rock Quarry in combination with the anticipated emissions from Compressor Station 206; and

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WHEREAS, FERC has issued its DEIS but the DEIS does not detail the environmental or health impact of above said proposed Compressor Station 206 emissions and is soliciting input from the public and stakeholders; and

WHEREAS, the Township Council of the Township of South Brunswick, County of Middlesex, hereby strongly urges FERC to require a Health Impact Assessment to detail immediate health impacts, long-term health impacts, and contamination potential from Compressor Station 206 emissions over the next 25 years;

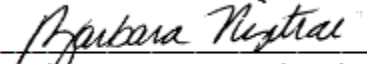
NOW, THEREFORE, BE IT RESOLVED on this 8th day of May, 2018, by the Township Council of the Township of South Brunswick, County of Middlesex, State of New Jersey, that:

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1. An Environmental Impact Statement that does not include analysis of health or environmental impact of chemical emissions from Compressor Station 206 cannot be recognized as a legitimate environmental impact statement.

2. The South Brunswick Township Council opposes the construction and operation of the proposed compressor station as there has not been an adequate assessment of the potential detrimental health impacts from construction and operations of the proposed Compressor Station 206 on the residents around this site.
3. The South Brunswick Township Council strenuously urges FERC to conduct a thorough and comprehensive **Health Impact Assessment** of the proposed Williams Transco Compressor Station 206 emissions regarding health and environmental impact for the immediate areas as well as long-term contamination potential for the future 2045 reservoir site.
4. The South Brunswick Township Council requests the Federal Energy Regulatory Commission to require continuous air sampling at the site of the proposed Compressor Station 206 before and during construction as well as ongoing for the lifetime of the compressor station operation and make publicly available real time updates of air sampling on the internet.
5. The South Brunswick Township Council urges FERC to require a Health Impact Assessment that is started prior to issuing its Final Environmental Impact Statement and urges its representatives of the United States Congress, United States Senate and New Jersey Legislature to oppose the Northeast Supply Enhancement Project that includes the proposed Compressor Station 206.
6. A copy of this resolution be forwarded to U.S. Senators Cory Booker and Robert Menendez, Congresswoman Bonnie Watson Coleman, N.J. Senators Christopher Bateman and Robert Smith, and N.J. Assemblymen Joseph Daniels, Joseph Egan, Andrew Zwicker and Roy Frieman.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Joseph Camarota, Deputy Mayor
SECONDER:	Josephine "Jo" Hochman, Councilwoman
AYES:	Bierman, Camarota, Hochman, Carley, Grover

This is to certify that the foregoing is a true copy of a resolution adopted at the South Brunswick Township Council meeting held on May 8, 2018.


Barbara Nyitrai, Township Clerk