



# FAST FACTS: Northern Access 2016 Project

A focus on the proposed Killian Road compressor station site.

In March 2015, National Fuel Gas Supply Corporation and Empire Pipeline, Inc. (collectively known as “National Fuel”), both subsidiaries of National Fuel Gas Company, filed a joint application with the Federal Energy Regulatory Commission (“FERC”) for authorization to construct the Northern Access 2016 Project.

National Fuel’s Northern Access 2016 Project is a \$455 million infrastructure investment that is designed to transport domestically produced shale gas to ensure reliable, cost-efficient natural gas service for customers throughout the North American pipeline system. The project has a slated economic impact that will be significant for New York State including more than \$11.5 million annually to the counties within which the project will be located. A one-time sales tax impact of approximately \$6.6 million will benefit those same counties. During the construction phase of the project, approximately 1,000 to 1,200 jobs will be created, with a payroll exceeding \$138 million, and an additional multiplier effect in other businesses. Additional jobs within National Fuel, and other local companies, will be sustained once the project is in service.

With more than 110 years of experience in the natural gas industry, National Fuel is committed to the cities, towns and villages where we live and work. We have a personal stake in the communities where we operate as our 2,000 employees, their families and 2,270 retirees live in our service areas. Within our Pipeline and Storage businesses, we have more than a century’s worth of experience in building and operating natural gas facilities and are committed to safely constructing pipeline systems with minimal environmental and community impacts.

## Engineering/Expertise

National Fuel safely operates thousands of miles of pipeline and 134 compressor units at 38 stations in New York and Pennsylvania. The Company’s engineers have extensive experience in pipeline engineering and construction and bring the latest state-of-the-art knowledge and techniques to every project. National Fuel’s compressor stations utilize world-leading gas-turbine products and technology and consistently receive “clean” audits by federal and state safety regulators.

## Noise Controls

Noise abatement is one of National Fuel’s highest priorities because we recognize its potential impact on the quality of life of our neighbors and wildlife.

### With respect to the construction of the proposed Pendleton Compressor Station:

- National Fuel compressor stations are designed and engineered to reduce and eliminate noise impacts via state-of-the-art noise-mitigation systems.
- All new compressor station designs are federally required to achieve below a day-to-night average sound level of 55 dBA Ldn at the nearest noise-sensitive area, such as schools, hospitals, commercial buildings or residences.
- Following station construction, National Fuel is required to perform and provide to federal regulators post-construction sound level measurements and mandated noise studies to ensure that noise-mitigation measures are meeting specified requirements.

## Site Details

National Fuel has secured an option to purchase a 20-acre, industrially zoned parcel of land located on Killian Road in the Town of Pendleton from The Tonawandas Sportsmen’s Club, Inc. The Company will propose this site to FERC as its preferred location for a natural gas compressor station as part of its Northern Access 2016 Project.

National Fuel worked for months to find an alternative site that meets the business needs of the project while being responsive to issues raised by community stakeholders. The Killian Road site is located significantly farther away from Starpoint Central Schools campus – 2.8 miles versus 1.3 miles – than the site initially proposed. In addition, this site will eliminate the need for National Fuel to replace 3.05 miles of XM-10 pipeline, including the section alongside the Frontier Chemical Site, as well as allow it to abandon the existing natural gas odorant station off Aiken Road. That function will be incorporated into the new compressor station design within an enclosure. Currently, National Fuel is developing alternative routes for approximately 2 miles of pipeline required by this new station location. The Company will work with landowners to minimize impacts along the route as it is developed. Land agents will be contacting property owners regarding survey activities in the near future.

National Fuel will add a restrictive deed covenant that limits development to approximately 5-8 acres of the purchased 20 acres of land for project use. No future development will take place in the restricted acreage. National Fuel has retained a licensed architect to design the facilities housing the natural gas infrastructure to be consistent with the surrounding area, incorporating agricultural design, site contours and conservation plantings, well beyond standard design practices.

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## Air Quality

National Fuel is committed to complying with all applicable federal and state air quality and emissions-related regulatory requirements, governed by the Clean Air Act, during both construction and operation of the project facilities. In addition, in order to reduce potential air-quality impacts, National Fuel has selected equipment that incorporates low-emission technology at both the proposed compressor station and dehydration system. The New York State Department of Environmental Conservation (NYSDEC) will review potential ambient air-quality impacts as part of the air permitting application review process. National Fuel is dedicated and obligated to address any unforeseen matters that may be identified as part of the NYSDEC air permit application review process.

## Vibration

There will be no perceptible increase in vibration whatsoever within the boundary of the station or at nearby residences because of the compressor station. No impacts to soils are anticipated due to the lack of ground vibrations.

## Environmental Stewardship

At National Fuel, environmental health and safety are top priorities. National Fuel has been coordinating with NYSDEC and U.S. Army Corps of Engineers staffs regarding wetlands and streams in connection with the proposed aboveground facilities and pipelines.

## Vegetation and Wildlife

National Fuel's design and construction practices associated with the project facilities will minimize impacts to wildlife. The Company is working with the NYSDEC and the U.S. Fish and Wildlife Service to identify and address any concerns related to state and federally protected rare, threatened and endangered species and migratory birds.

Retaining indigenous native vegetation that grows in Western New York is important to National Fuel. National Fuel's standard construction and operation practices support pollinator insect health. The Company does not spray herbicides or other chemicals along its pipeline right of way (ROW). In addition, National Fuel seeds and restores the vegetation on the ROW after installation of the pipelines, ensuring that the ROW is fully vegetated.

National Fuel also will commit to a conservation deed restriction for acreage not necessary to construct and operate the compressor station facilities.

### With respect to the construction of the proposed Pendleton Compressor Station:

- The compressor station lighting will be minimal during evening and nighttime hours and controlled by the station's automation system. Down lighting prevents a brightly lit evening sky.
- Predicted minor noise increases beyond ambient (measured as dBA Ldn) from the proposed compressor station (and the dehydration facility) will have minimal and non-disruptive impacts on humans or wildlife.
- Compressor station fencing will be 8 feet in fabric height with 3 strands of barbed wire on extension arms above the chain link fence. The fence's height will deter animals from attempting to jump the fence.
- National Fuel will consider enhancing the habitats in these areas to serve wetland and upland wildlife.

## Regulatory Agency Involvement

The interstate natural gas transportation industry is highly regulated both federally and otherwise, with extensive and stringent operating and construction requirements and severe penalties for non-compliance. The authorization that National Fuel has asked the Federal Energy Regulatory Commission (FERC) to issue will contain detailed conditions and requirements that we will have to satisfy in order to construct and safely operate this and all facilities related to the Northern Access 2016 Project. In addition to FERC, there are numerous other federal and state regulatory agencies that hold us accountable to rigorous standards including but not limited to: U.S. Army Corps of Engineers (USACE), Buffalo District and Pittsburgh District, U.S. Fish and Wildlife Service (USFWS) – New York and Pennsylvania Field Offices, various Native American Tribal Group contacts, U.S. Department of Transportation (DOT), Federal Motor Carrier Safety Administration (FMCSA), New York Natural Heritage Program, New York State Department of Environmental Conservation, New York State Office of Parks, Recreation, and Historic Preservation and New York State Department of Agriculture and Markets.

For more information, please review the Northern Access 2016 Project website at [www.natfuel.com/supply/NorthernAccess2016/default.aspx](http://www.natfuel.com/supply/NorthernAccess2016/default.aspx).

