



**NATIONAL FUEL GAS SUPPLY CORPORATION  
AND EMPIRE PIPELINE, INC.**

**NORTHERN ACCESS 2016 PROJECT**

**RESOURCE REPORT 12  
PCB Contamination**

**FERC Docket No. PF14-18-000**

*Submitted: March 16, 2015*



<b>SUMMARY OF REQUIRED FERC REPORT INFORMATION</b>		
<b>Topic</b>	<b>FERC Reference</b>	<b>Report Reference or Not Applicable</b>
1. For Projects involving the replacement or abandonment of facilities determined to have PCBs, provide a statement that activities would comply with an approved EPA disposal permit or with the requirements of the TSCA.	§380.12(n)(1)	Not Applicable
2. For compressor station modifications on sites that have been determined to have soils contaminated with PCBs, describe the status of remediation efforts completed to date.	§380.12(n)(2)	Not Applicable

## RESOURCE REPORT 12 – PCB CONTAMINATION

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## LIST OF ACRONYMS

CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
Dth/d	dekatherms per day
Empire	Empire Pipeline, Inc.
FERC	Federal Energy Regulatory Commission
MLV	mainline valve
National Fuel	Supply and Empire, collectively known as
PCBs	polychlorinated biphenyls
ppm	parts per million
Project	Northern Access 2016 Project
ROW	right-of-way
Supply	National Fuel Gas Supply Corporation
TSCA	Toxic Substance Control Act
USEPA	U.S. Environmental Protection Agency
§	Section

## RESOURCE REPORT 12 – PCB CONTAMINATION

### 12.0 INTRODUCTION

National Fuel Gas Supply Corporation (“Supply”) and Empire Pipeline, Inc. (“Empire”), both subsidiaries of National Fuel Gas Company, are seeking authorization from the Federal Energy Regulatory Commission (“FERC”) pursuant to Section 7(c) of the Natural Gas Act to construct and operate the proposed Northern Access 2016 Expansion Project (“Project”). Through this proposed Project, Supply and Empire (collectively known as “National Fuel”) jointly propose to expand the Supply pipeline system to provide approximately 497,000 dekatherms per day (“Dth/d”) of new firm natural gas transportation capacity, and the Empire pipeline system to provide approximately 350,000 dekatherms per day (“Dth/d”) of new firm natural gas transportation capacity.

The proposed Project consists of the following Supply components:

- construction of approximately 96.65 miles of new 24-inch-diameter pipeline (“Mainline Pipeline”), from Sergeant Township, McKean County, Pennsylvania, to an interconnection with Supply’s existing Line X-North, near Supply’s existing Porterville Compressor Station in the Town of Elma, Erie County, New York;
- addition of approximately 5,350 horsepower to Porterville Compressor Station;
- construction of an interconnection with Tennessee Gas Pipeline’s 200 Line in the Town of Wales, Erie County, New York;
- addition of interconnect/tie-in facilities at Clermont (McKean County, Pennsylvania), Hinsdale Compressor Station (Cattaraugus County, New York), and X-North Pipeline (Erie County, New York);
- addition of a meter and regulator (“M&R”)/pressure reduction station near the tie-in to X-North Pipeline;
- addition of 13 mainline valve (MLV) sites; and,
- cathodic protection facilities.

The proposed Project also consists of the following Empire components:

- construction of a 24-inch pipeline segment of approximately 3.05 miles, replacing 3.05 miles of existing 16-inch Supply pipeline (“Replacement Pipeline”) in the towns of Wheatfield and Pendleton, Niagara County, New York;
- modification of tie-in facilities at the south end of the Replacement Pipeline (tie-in to Line X-North) and approximately 1 mile north of Replacement Pipeline MP 3.05 (tie-in to Empire Pipeline);

- construction of a new, approximately 22,214 horsepower compressor station in the Town of Pendleton, Niagara County, New York;
- construction of a new natural gas dehydration facility in the Town of Wheatfield, Niagara County, New York; and,
- removal of an existing meter station in the Town of Pendleton, Niagara County with relocation/reuse of certain metering equipment at the proposed Pendleton Compressor Station.

A list and mapping of Project components and their locations is provided in Resource Report 1 – Project Description.

In accordance with FERC guidance provided in 18 Code of Federal Regulations (CFR) §380.12(n), Resource Report 12 is required for applications involving the abandonment by removal or abandonment in place of pipeline facilities determined to have polychlorinated biphenyls (PCBs) in excess of 50 parts per million (ppm) in pipeline liquids. Since the abandonment by removal of facilities is being proposed, this resource report is required.

The Final Rule for Disposal of PCBs (63 Federal Regulation 35384) was issued on August 28, 1998. The U.S. Environmental Protection Agency (USEPA) authorizes use of PCBs in natural gas pipeline systems at concentrations less than 50 ppm, whereas National Fuel’s minimum standards for PCBs in pipeline liquids is 2 ppm. This report is required for filings involving the replacement, abandonment by removal, or abandonment in place of pipeline facilities determined to have PCBs in excess of 50 ppm in pipeline liquids.

## **12.1 PCB CONTAMINATION STATEMENT**

The proposed Project involves the construction of new and the replacement of existing gas transmission pipeline, the construction of one new compressor station, expansion at one existing compressor station to increase compression, a pipeline interconnection with an existing pipeline, a new natural gas dehydration facility, three new tie-in facilities, 12 new mainline valves, and cathodic protection facilities. This Project could include some activities that may abandon some existing pipe and other facilities in place, but the majority of the abandonment of existing facilities will be by removal (i.e. XM10 16-inch diameter pipeline).

Based on current and historical PCB testing data, PCBs have not been detected in National Fuel’s existing system at quantities equal to or greater than 50 ppm (National Fuel minimum standards is 2 ppm). None of National Fuel’s existing aboveground facilities involved in this Project (i.e., Supply’s Porterville Compressor Station or the Hinsdale Compressor Station [under construction]) are listed on the USEPA’s Comprehensive Environmental Response, Compensation, and Liability Information

System (CERCLIS) due to soil contamination with PCBs (USEPA 2014). Therefore, a detailed pipeline removal and disposal plan for PCB-contaminated pipeline facilities is not required for the proposed Project.

National Fuel will implement the guidelines and procedures described in the National Fuel Gas PCB Procedure (dated November 27, 2013) for sampling and confirmation of the presence-absence of PCBs in the pipeline facilities to be abandoned. The procedures are found in Appendix 12-A. In the unlikely event that PCBs are determined to be present in any facility, National Fuel Gas PCB Procedure describes the protocol for pipe testing, handling, disposal, and record retention. Personal protective equipment requirements are detailed in National Fuel’s Employee Safety Handbook (dated August 2006).

## **12.2 REFERENCES**

National Fuel Gas Supply. 2013. National Fuel Gas PCB Procedure. November 27, 2013

**APPENDIX 12-A**

**NATIONAL FUEL GAS PCB PROCEDURE**

**PRIVILEGED INFORMATION – DO NOT RELEASE**