

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

**Resource Report No. 12
PCB Contamination**

**Transcontinental Gas Pipe Line Company
Northeast Supply Link Project**

December 2011

SUMMARY OF FILING INFORMATION		
INFORMATION	Data Sources¹	Found in
Minimum FERC Requirements		
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))	D, J	12.1
2. For compressor station modification 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))	D, J	12.2

¹ D Applicant
 J EPA

Table of Contents

12. PCB CONTAMINATION	12-1
12.1 Toxic substances control act APPLICABILITY/DISPOSAL	
Summary	12-1
12.2 PCB SOIL Remediation Status	12-2

List of Tables

Table 12.2-1 PCB Soil Remediation Status of Aboveground Facilities12-2

12. PCB CONTAMINATION

12.1 TOXIC SUBSTANCES CONTROL ACT APPLICABILITY/DISPOSAL SUMMARY

The pipeline looping, pipeline replacement, and compressor and meter station modifications and valve replacements proposed for the Project do not involve the replacement, abandonment by removal, or abandonment in place of facilities determined to have exposure to polychlorinated biphenyl (PCB) contamination in excess of 50 parts per million (ppm) in pipeline liquids. The existing pipeline facilities included in the Project were once part of the United States Environmental Protection Agency's (EPA's) Compliance Monitoring Program in the early 1980s through the 1990s. In July 1990, the EPA determined that those portions of Transco's pipeline system upstream of Linden, New Jersey, which are outside the NSL Project area, did not contain pipeline liquids with PCBs at concentrations greater than 50 ppm; therefore, these portions of Transco's system were "declassified" and monitoring of PCB concentrations in pipeline liquids was required only in those portions of Transco's system downstream of Linden, which include pipeline components associated with the NSL Project.

Following the promulgation of the PCB "Mega-Rule" in June 1998 (effective date of August 28, 1998), many of the portions of Transco's pipeline downstream of Linden no longer contained PCBs in liquids at concentrations greater than 50 ppm. Therefore, these pipeline segments qualified for the use authorization (see 40 CFR §761.30(i)(1)(j), Authorizations, Use and reuse of PCBs in natural gas pipeline systems) and no longer required monitoring; only some minor recordkeeping was required under the Mega-Rule [see 761.30(i)(1)(iii)(A)(5) and §761.30(i)(1)(iii)(E)]. Within several more years (by early 2000s), all remaining portions of Transco's pipeline system downstream of Linden no longer contained pipeline liquids with PCBs at concentrations greater than 50 ppm, which is the criteria for cessation of monitoring under the Mega-Rule.

While not required by TSCA, monitoring of PCB concentrations in pipeline liquids in these portions of Transco's pipeline system has continued for waste-disposal purposes and PCB concentrations have been less than 50 ppm for close to a decade and are currently mostly none-detected. Thus, the replacement of the 0.4 miles of the existing Caldwell B Loop and modifications of aboveground facilities have a very low probability of appreciable amounts of PCBs. Furthermore, disposal of natural gas pipelines with PCBs applies only to those pipes with PCB concentrations greater than 50 ppm (see 40 CFR §761.60(b)(5), Disposal

requirements, PCB Articles, Natural gas pipeline systems containing PCBs), so there are no disposal restrictions.

12.2 PCB SOIL REMEDIATION STATUS

The following table summarizes the status of PCB soil remediation at the aboveground facilities:

**Table 12.2-1
PCB Soil Remediation Status of Aboveground Facilities**

Aboveground Facility	PCB Soil Remediation Status
Compressor Station 303, Essex County, New Jersey	Not Applicable; new facility yet to be constructed and pre-construction due diligence sampling has not identified PCBs.
Compressor Station 505, Somerset County, New Jersey	Facility subject to a Memorandum of Agreement between Transco and NJDEP. Remediation performed to NJDEP's residential direct contact criteria, which is also an unrestricted use criteria. No Further Action notice received from NJDEP.
Compressor Station 515, Luzerne County, Pennsylvania	Facility subject to a Consent Order Agreement (COA) between Transco and PADEP (formerly PADER) and remediation performed to COA standards, which are very similar to PADEP's subsequent Act 2 standards. No Further Action notice received from PADEP.
Leidy Interchange Hub, Clinton County, Pennsylvania	Facility subject to a Consent Order Agreement (COA) between Transco and PADEP (formerly PADER) and remediation performed to COA standards, which are very similar to PADEP's subsequent Act 2 standards. No Further Action notice received from PADEP.
Roseland M&R Station, Essex County, New Jersey	Facility subject to a Memorandum of Agreement between Transco and NJDEP. Remediation performed to NJDEP's residential direct contact criteria, which are also unrestricted use criteria. Review by NJDEP pending.
Electrical Substation	Historical surface soil samples collected in the vicinity of the planned substation area on PSE&G right-of-way show PCB concentrations in soil above applicable standards and additional assessment is pending. Additional remediation, as required, will be performed to comply with NJDEP requirements.
Montclair State University M&R Station, Passaic County, New Jersey	Not Applicable; facility constructed after pipeline PCB concentrations were found at less than 50 ppm..
East Rutherford M&R Station, Bergen County, New Jersey	Facility subject to a Memorandum of Agreement between Transco and NJDEP. Remediation performed to NJDEP's residential direct contact criteria, which are also unrestricted use criteria. Report submitted to NJDEP in 2006 and, apparently, never reviewed or approved.
Station 240 Regulator, Bergen County, New Jersey	Regulator facility is located within the plant boundaries of Station 240, which is subject to a Memorandum of Agreement between Transco and NJDEP. Remediation performed to NJDEP's residential direct contact criteria, which are also unrestricted use criteria. No Further Action notice received for Station 240 from NJDEP.

**Table 12.2-1
PCB Soil Remediation Status of Aboveground Facilities**

Aboveground Facility	PCB Soil Remediation Status
Meadows Heaters, Bergen County, New Jersey	Not Applicable; facility constructed after pipeline PCB concentrations were found at less than 50 ppm..
Paterson Lateral Take-off, Bergen County, New Jersey	Facility subject to a Memorandum of Agreement between Transco and NJDEP. Remediation performed to NJDEP's residential direct contact criteria, which are also unrestricted use criteria. Review by NJDEP pending.
MLV 505B60, Essex County, New Jersey	Not Applicable; facility constructed after pipeline PCB concentrations were found at less than 50 ppm. Furthermore, soil sampling was performed and no soils with PCB concentrations greater than applicable standards were found.
Narrows M&R Station, Richmond County, New York ⁴	Remediation performed to NYDEC's standards and No Further Action notice received from NYDEC.
134 th Street Manhattan Meter Station, New York County, New York ⁴	Not applicable; M&R located over water on a pier.
Brooklyn Regulating Vault, Kings County, New York ⁴	Not applicable; regulator located in a concrete vault.