

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application  
Transcontinental Gas Pipe Line Company, LLC  
Lebanon County*

**ATTACHMENT G-1  
THREATENED AND ENDANGERED SPECIES COORDINATION  
SUMMARY**

*Revised April 2017*

**Note: This Attachment has been replaced in its entirety**

**OVERVIEW OF THREATENED AND ENDANGERED SPECIES: LEBANON COUNTY**

Transco has consulted with the U.S. Fish and Wildlife Service (USFWS), Pennsylvania Fish & Boat Commission (PFBC), Pennsylvania Game Commission (PGC), and Pennsylvania Department of Conservation and Natural Resources (DCNR) regarding federal and state-listed threatened and endangered species in the Project area. A summary of the correspondence/clearance status with each agency is provided in **Table 1** and summarized below. Copies of the agency correspondence related to threatened and endangered species are provided in **Attachments G-2 through G-5**.

**Table 1  
 Summary of Clearance Status**

<b>Agency</b>	<b>Project Review Letter Dates</b>	<b>Clearance Letter Dates</b>
USFWS	April 28, 2014	December 21, 2016
PFBC	April 17, 2014	January 28, 2016; May 31, 2016; September 2, 2016
PGC	April 13, 2014; December 19, 2014	June 2, 2016; September 19, 2016
DCNR	May 28, 2014; July 14, 2014	April 2, 2015; May 28, 2015; August 5, 2015; February 23, 2016; May 24, 2016; August 31, 2016

USFWS

Transco prepared a biological assessment (BA) addressing the following federally listed threatened and endangered species identified by the USFWS as potentially occurring in the Project area: Indiana bat (IBAT), northern long-eared bat (NLEB), bog turtle, and northeastern bulrush. Surveys for the IBAT, NLEB, and bog turtle were requested and completed in Lebanon County. The BA was developed in close coordination with the USFWS Pennsylvania Field Office. The BA concluded that the Project may affect, but is not likely to adversely affect each of these species. Based on these effects determinations, formal Section 7 consultation will not be necessary for the Project. FERC concurred with Transco's effects determinations and submitted their consultation request to FERC on July 19, 2016. The USFWS issued their Project review letter to FERC on December 21, 2016. As stated in the letter, the USFWS concurred with FERC's and Transco's determination that the Project is not likely to adversely affect the Indiana bat, bog turtle, and northeastern bulrush. The USFWS did not concur with FERC's and Transco's determination that the Project is not likely to adversely affect the northern long-eared bat. However, with Transco's proposed avoidance and minimization measures, any incidental take that may occur to the species is not prohibited under the 4(d) rule issued by the USFWS for NLEB on January 14, 2016. Consequently, no further consultation is required with USFWS for NLEB or any other federal-listed species.

PFBC

PFBC requested, and Transco completed, surveys for timber rattlesnakes in Clinton, Northumberland, Schuylkill, and Lebanon Counties. PFBC issued Project clearance letters on January 28, 2016, May 31, 2016, and September 2, 2016. The most recent clearance letter issued on September 2, 2016 covers two reroutes that were not included in PFBC's original review of the Project. No timber rattlesnakes were observed and no impacts to their habitat are proposed in Lebanon County; therefore, Transco is not required to implement any mitigation or time of year restrictions for timber rattlesnake in Lebanon County.

PGC

PGC requested, and Transco completed, surveys for Allegheny woodrat and eastern small-footed bat in Schuylkill, Northumberland, Columbia, and Wyoming Counties. No surveys for threatened or endangered species under the jurisdiction of PGC were requested for Lebanon County. PGC issued Project clearance

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letters on June 2, 2016 and September 19, 2016. The most recent clearance letter issued on September 19, 2016 covers two reroutes that were not included in PGC's original review of the Project.

DCNR

Transco completed surveys for state-listed plant species in Lebanon County. DCNR has issued several clearance letters for the Project following submittal of survey reports by Transco. Project clearance letters were issued by DCNR on April 02, 2015, May 28, 2015, August 05, 2015, February 23, 2016, May 24, 2016, and August 31, 2016. The most recent clearance letter issued on August 31, 2016 covers two reroutes that were not included in DCNR's previous review of the Project.

Transco identified the cranefly orchid and puttyroot (both state-listed rare species) at one location within the Project LOD in Lebanon County (see Table 2). Transco will transplant the plants outside of the right-of-way (ROW) at this location prior to construction, in accordance with Transco's Transplanting Plan, approved by DCNR in the May 24, 2016 letter.

**Table 2  
Summary of State Listed Plant Transplanting Locations**

<b>Species</b>	<b>Milepost</b>	<b>County</b>
Cranefly Orchid & Puttyroot	CPL South MP [REDACTED]	Lebanon