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January 15, 2015

John Kessler, Assistant Chief
Ohio Department of Natural Resources
Office of Real Estate
2045 Morse Rd.
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**Subject: Texas Eastern Transmission, LP
Texas Eastern Appalachian Lease Project**

Texas Eastern Transmission, LP (“Texas Eastern”), an indirect wholly owned subsidiary of Spectra Energy Partners, LP, intends to seek authorization from the Federal Energy Regulatory Commission (“FERC”) pursuant to Section 7(c) of the Natural Gas Act to construct, own, and operate the proposed Texas Eastern Appalachian Lease Project (“Project”). Texas Eastern is proposing to construct and operate a mainline loop pipeline segment with a total length of approximately 4.5 miles that will be located along existing mainline in Monroe County, Ohio. The Project is also anticipated to include one newly constructed compressor station to be sited in Columbiana County, Ohio; additional compression at Texas Eastern’s Colerain Compressor Station located in Belmont County, Ohio; and several minor piping modifications (see enclosed Project Overview Map). The Project includes the following components:

- (i) the construction of approximately 4.5 miles of pipeline looping on Texas Eastern’s 36-inch diameter Line 30, west of Clarington in Monroe County, Ohio;
- (ii) the installation of the following compression facilities:
 - a) a third Taurus gas turbine compressor unit (9,400 HP), incremental gas cooling, and piping modifications at the Colerain Compressor Station in Belmont County, Ohio, which compressor station is expected to be placed into service later this year; and
 - b) a new greenfield compressor station, including two Taurus gas turbine compressor units (18,800 HP total) near Kensington in Columbiana County, Ohio, currently proposed along Texas Eastern’s 30-inch diameter Line 73¹, which is expected to be placed into service later this year; and
- (iii) the following piping modifications:
 - a) piping modifications to make the Colerain Compressor Station bi-directional;

¹ Construction of Line 73 has been approved by the FERC, and construction is expected to be completed by November of this year.



- b) piping modifications to add filter separators and make the overpressure protection facilities, launchers/receivers, and tie-ins along Line 73 at Texas Eastern's Lines 10, 15, 25, and 30 near Clarington in Monroe County, Ohio, bi-directional; and
- c) installation of a new 30-inch tee tap and connecting piping near Kensington to connect Line 73 to the NEXUS meter station in Columbiana County, Ohio.

Initial review of the potential project areas indicated that state rare, threatened and/or endangered species may be present based on published county lists and recent consultations with the Ohio Department of Natural Resources ("ODNR") regarding other projects in the vicinity. Table 1 is attached and lists the state rare, threatened and endangered species that have been previously identified in the counties traversed by the pipeline corridor. On behalf of Texas Eastern, TRC is requesting the assistance of the ODNR to determine if any of these species are known to occur within the one-mile wide area under investigation. This information will assist us in potentially avoiding and minimizing disruption to sensitive habitat and determine potential seasonal or species specific surveys that maybe required during permitting of the Project. Any further comments or survey guidance regarding state rare, threatened, endangered or other important species is also welcomed. Additional information such as a GIS SHP files of the Project study corridor to aid in the review of the Project can be provided upon request.

If you have any questions regarding the Project or the request herein, please contact me at TRC by calling (207) 232-1979 or via email at mlychwala@trcsolutions.com

Sincerely,

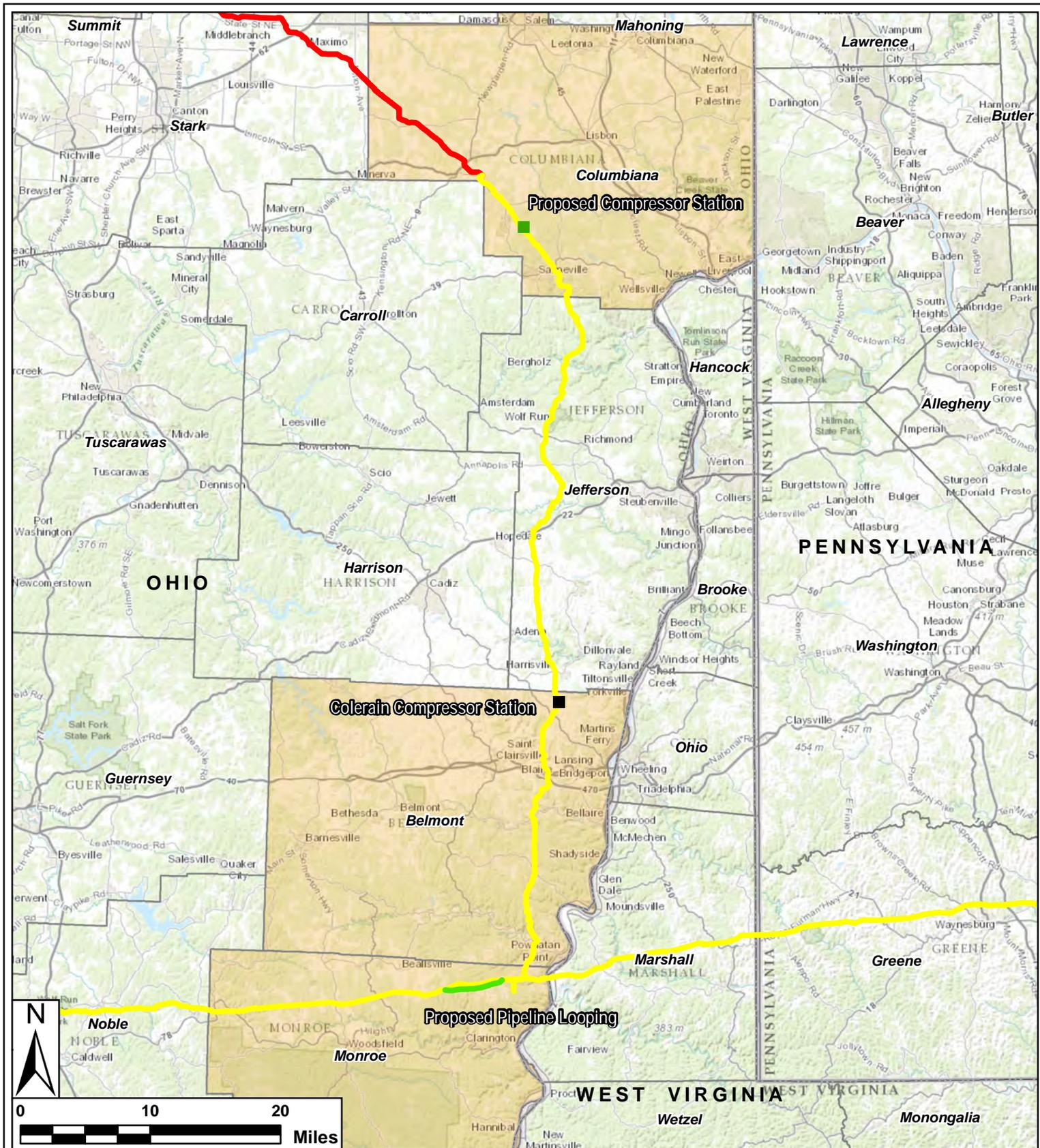


Michael Lychwala, TRC

cc: Matt Barczyk, Spectra Energy Partners, LP
Dana Valleau, TRC



| Table 1- State Listed Species Potentially Occurring Within/Near Texas Eastern Appalachian Lease Project in Ohio | | | |
|--|------------------------------------|---------------|--|
| Common Name | Scientific Name | Status | County Traversed By Project With Species Occurrence |
| Eastern hellbender | <i>Cryptobrachus alleghenensis</i> | Endangered | Columbiana |
| Eastern massasauga | <i>Sistrurus catenatus</i> | Endangered | Columbiana |
| Indiana bat | <i>Myotis sodalis</i> | Endangered | All Counties |



- Proposed Compressor Station
- Compressor Station
- Proposed NEXUS Greenfield Pipeline Project
- Texas Eastern Pipeline System
- Proposed Pipeline Looping
- State Boundary
- County Boundary

Texas Eastern
Appalachian Lease Project

Overview Map

Spectra Energy
Partners

1/14/2015



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

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March 24, 2015 Draft subject to review and revision

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Re: 15-134; Texas Eastern Transmission, LP, Texas Eastern Appalachian Lease Project

Project: The proposed project involves the construction and operation of a mainline loop pipeline segment with a total length of 4.5 miles, the construction of a compressor station, additional compression at the Colerain station and several minor piping modifications.

Location: The project is located in Columbiana, Belmont and Monroe Counties, Ohio.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Natural Heritage Database: The Natural Heritage Database has the following data at or with a one mile radius of the project.

Bowman's-root (*Porteranthus trifolius*), T
Fireweed (*Epilobium angustifolium*), E
Carolina catchfly (*Silene caroliniana* ssp. *pennsylvanica*), T
Vernal water-starwort (*Callitriche verna*), T
Shale barren pussy-toes (*Antennaria virginica*), T

We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, state nature preserves, state or national parks, state or national forests, national wildlife refuges, or other protected natural areas within the project area. The review was performed on the project area you specified in your request as well as an additional one mile radius. Records searched date from 1980. This information is provided to inform you of features present within your project area and vicinity. Please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records

for any particular area is not a statement that rare species or unique features are absent from that area. Although all types of plant communities have been surveyed, we only maintain records on the highest quality areas.

Statuses are defined as: E = state endangered; T = state threatened; P = state potentially threatened; SC = state species of concern; SI = state special interest; A = species recently added to state inventory, status not yet determined; X = presumed extirpated in Ohio; FE = federal endangered, FT = federal threatened, FSC = federal species of concern, FC = federal candidate species.

Fish and Wildlife: The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that best management practices be utilized to minimize erosion and sedimentation.

The project is within the range of the Indiana bat (*Myotis sodalis*), a state endangered and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees to include: shagbark hickory (*Carya ovata*), shellbark hickory (*Carya laciniosa*), bitternut hickory (*Carya cordiformis*), black ash (*Fraxinus nigra*), green ash (*Fraxinus pennsylvanica*), white ash (*Fraxinus americana*), shingle oak (*Quercus imbricaria*), northern red oak (*Quercus rubra*), slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), eastern cottonwood (*Populus deltoides*), silver maple (*Acer saccharinum*), sassafras (*Sassafras albidum*), post oak (*Quercus stellata*), and white oak (*Quercus alba*). Indiana bat roost trees consists of trees that include dead and dying trees with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. However, Indiana bats are also dependent on the forest structure surrounding roost trees. If suitable habitat occurs within the project area, the DOW recommends trees be conserved. If suitable habitat occurs within the project area and trees must be cut, the DOW recommends cutting occur between October 1 and March 31. If suitable trees must be cut during the summer months, the DOW recommends a net survey be conducted between June 1 and August 15, prior any to cutting. Net surveys should incorporate either nine net nights per square 0.5 kilometer of project area, or four net nights per kilometer for linear projects. If no tree removal is proposed, this project is not likely to impact this species.

The project is within the range of the channel darter (*Percina copelandi*), a state threatened fish. The DOW recommends no in-water work in perennial streams from April 15 to June 30 to reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed, this project is not likely to impact these species.

The project is within the range of the eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*), a state endangered species and a federal species of concern. Due to the location, and that there is no in-water work proposed in a perennial stream of sufficient size to provide suitable habitat, this project is not likely to impact this species.

The project is within the range of the eastern massasauga (*Sistrurus catenatus*), a state endangered and a federal candidate snake species. The eastern massasauga uses a range of habitats including wet prairies, fens, and other wetlands, as well as drier upland habitat. Due to the location, the type of habitat present at the project site and within the vicinity of the project area, this project is not likely to impact this species.

The project is within the range of the American bittern (*Botaurus lentiginosus*), a state endangered bird. Nesting bitterns prefer large undisturbed wetlands that have scattered small pools amongst dense vegetation. They occasionally occupy bogs, large wet meadows, and dense shrubby swamps. If this type

of habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of May 1 to July 31. If this type of habitat will not be impacted, this project is not likely to impact this species.

The project is within the range of the black bear (*Ursus americanus*), a state endangered species. Due to the mobility of this species, this project is not likely to impact this species.

Due to the potential of impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the US Fish & Wildlife Service.

ODNR appreciates the opportunity to provide these comments. Please contact John Kessler at (614) 265-6621 if you have questions about these comments or need additional information.

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