**AE**COM

August 25, 2015

Pennsylvania Game Commission
Bureau of Wildlife Habitat Management

Division of Environmental Planning and Habitat Protection

2001 Elmerton Avenue

Harrisburg, PA 17110-9797

Re: Large Project PNDI

Shell Pipeline Company, LP

**Northeast Pipeline Project** 

Greene, Shippingport, Independence, Raccoon, Center, and Potter Townships, Beaver

County, Chartiers and Mount Pleasant Townships, Washington County, and Robinson,

North Fayette, and Findlay, Townships, Allegheny County, Pennsylvania

Dear Madam or Sir:

AECOM is providing environmental services for the Northeast Pipeline (NEP) Project on behalf of Shell

Pipeline Company, LP (Shell) and is requesting a Large Project Pennsylvania Natural Diversity Inventory

(PNDI) review for rare, candidate, threatened, and endangered species under Pennsylvania Game

Commission jurisdiction. Shell is proposing an approximately 95-mile-long natural gas pipeline through

Beaver, Washington, and Allegheny counties, Pennsylvania, Hancock County, West Virginia, and

Harrison, Carroll, and Jefferson Counties, Ohio (Figure 1-Overview Map). Shell is seeking to build an

ethane pipeline linking various supply points in Ohio, West Virginia and Pennsylvania to various delivery

points in these same states.

Approximately 42.8 miles of this project is located within Pennsylvania. The Pennsylvania portion is

located within the United States Geological Survey (USGS) Beaver, Hookstown, Clinton, and Midway,

PA, and East Liverpool, PA and WV, 7.5-minute series topographical quadrangles. The coordinates for

the approximate center of the Pennsylvania portion are -80.322609, 40.481865 (Figure 2-Pennsylvania

Topographic Map). Additionally, aerial mapping containing National Wetlands Inventory (NWI) mapping

and the National Hydrography Dataset (NHD) stream layer is enclosed (Figure 3-Aerial Map).

The project area is primarily composed of mixed deciduous and regenerating forest, agricultural land, and

some and some strip mine and residential development areas. When possible, Shell routed the proposed

route along existing right-of-way. Access roads have not been identified at this point, however, when

possible, existing roads will be utilized to minimize project impacts.

AECOM Foster Plaza 6

#### A=COM

Approximately 7,428 acres of forest are located in Pennsylvania within a 0.25-mile-wide buffer centered on either side of the proposed centerline. Approximately 227 acres of trees in the state will be impacted during construction, leaving 7,201 acres of forest remaining within the 0.25-mile-wide buffer.

AECOM is requesting this review prior to the wetland and watercourse field surveys, which will be conducted Fall 2015 and Spring 2016. AECOM specialists hope to concurrently identify any habitat for species under PGC jurisdiction. The environmental study area will be a 300-foot-wide corridor centered along the alignment. The anticipated disturbance area will be approximately 100-feet-wide. The study area is wider than the disturbance area to allow for minor alignment shifts to avoid any sensitive resources that may be identified during the environmental field investigations.

The following are enclosed to facilitate your review:

- Completed PNDI Large Project Form;
- USGS 7.5 minute quadrangle map with project alignment;
- NWI and NHD mapping; and
- CD containing shapefiles of the alignment.

Shell and AECOM look forward to receiving your response. Please contact Natalie Shearer at 412-503-4595 or natalie.shearer@aecom.com if additional information is desired.

Sincerely.

**AECOM** 

Natalie L. Shearer, M.S., QEP

Notalie J. Shearer

Natural Resources Lead-Pittsburgh

Brandon M. Walker, PE, CPESC

**Project Manager** 

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Enclosures (5)

PNDI Large Project Form

Figure 1-Overview Map

Figure 2-Pennsylvania Topographic Map

Figure 3-Aerial Map

CD containing project shapefiles

cc: Christopher G. Heitman, Shell Chemical Appalachia, LLC

Kyle L. Webster, Shell Pipeline Company, LP



# Pennsylvania Natural Diversity Inventory LARGE PROJECT FORM

# How to Use the PNDI Large Project Form

If your Project is a "Large Project"— too large/long to search on the online system Projects are considered "Large Projects" when the ENTIRE project is:

- Linear/Large Projects that exceed the PNDI online project size limits of 10 miles in length or 5165 acres
- Township-wide, Countywide or Statewide Projects. Examples: Act 537 Sewage Plans, Wind Farms, Roadway Improvements exceeding map limits above.

Due to system limitations and agency requirements, projects should not be submitted piecemeal. The entire project area including roads and infrastructure should be submitted as a single unit.

## What to Send to Jurisdictional Agencies

Send the following information to all of the agencies listed on the Large Project Form.

Check-list of Minimum Materials to be submitted:

\_Completed Large Project Form

Supplemental project narrative with a description of the overall project, the work to be performed, current
physical characteristics of the site and acreage to be impacted.
USGS 7.5-minute Quadrangle with project boundary clearly indicated, and quad name on the map
The inclusion of the following information may expedite the review processGIS shapefiles depicting the project extent
A basic site plan (particularly showing the relationship of the project to the physical features such as
wetlands, streams, ponds, rock outcrops, etc.)
Color photos keyed to the basic site plan (i.e. showing on the site plan where and in what direction each
photo was taken and the date of the photos)
Information about the presence and location of wetlands in the project area, and how this was determined
(e.g., by a qualified wetlands biologist), if wetlands are present in the project area, provide project plans showing
the location of all project features, as well as wetlands and streams
<u>PNDI Large Project Form Definitions</u>
Applicant: Person that owns the property or is proposing the project or activity
Contact Person: Person to receive response if different than applicant (e.g. Consultant)
Project Name: Descriptive title of project (e.g. Twin Pines Subdivision, Miller Bridge Replacement)
Proposed Activity: Include ALL earth disturbance activities for project (e.g. for a timber sale—include stream crossings, cutting areas and new roadway accesses). Also include Current Conditions (e.g. housing, farmland, current land cover), and how Construction/Maintenance Activity is to be accomplished
Total Acres of Property: Entire site acreage (e.g. timber sale property—including road access (200 acres)

Acreage to be Impacted: Disturbance acreage (e.g. timber sale—if the property is 200 acres, but only 100 acres

all temporary and permanent activities

will be disturbed, for example: cutting on 90 acres, a road impacting 10 acres); include



# Pennsylvania Natural Diversity Inventory LARGE PROJECT FORM

This form provides site information necessary to perform an Environmental Review for special concern species and resources listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Pennsylvania Game and Wildlife Code.

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Name: Chris Heitmann

Address: 150 B, N. Dairy Ashford Ste. 356b, Houston, Tx 77090

Phone Number: Fax Number:

#### Contact Person Information-if different from applicant

Name: Natalie L. Shearer

Address:

Phone Number: 412-503-4595 Fax Number: 412-503-4701

Email:

### Project Information

Project Name: Northeast Ethane Pipeline

Project Reference Point (center point of project): Latitude: 40.481865 Longitude: -80.322609 Datum:

NAD83

Municipality: Multiple, See Letter County: Multiple, See Letter

Attach a copy of a U.S.G.S. 7 ½ Minute Quadrangle Map with Project Boundaries clearly marked.

U.S.G.S. Quad Name: Multiple, See Letter And Figure 2

Provide GIS shapefiles showing the project boundary (strongly recommended)

## Project Description

Proposed Project Activity (including ALL earth disturbance areas and current conditions)

See request letter

project? ~227

То	tal Acres of Property: ~1,600	Acreage to be Impacted:	~519			
1.	Will the entire project occur in or on street, runway, paved area, railroad	0 0 1	ng lot, driv Yes 🗌		ad, maintained road s	shoulder
2.	Are there any waterways or waterby ponds) in or near the project area, or Yes $\boxtimes$ 0 Feet No $\square$	•				lakes or
3.	Are wetlands located in or within 30 wetland delineation?	0 feet of the project area?	Yes 🛚	No 🗌	If No, is this the re	sult of a

4. How many acres of tree removal, tree cutting or forest clearing will be necessary to implement all aspects of this

Dept. of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section 400 Market St., PO Box 8552 Harrisburg, PA 17105 fax: 717-772-0271 PA Game Commission

Bureau of Wildlife Habitat Management Division of Environmental Planning & Habitat Protection 2001 Elmerton Avenue Harrisburg, PA 17110-9797

#### PA Fish and Boat Commission

Natural Diversity Section 450 Robinson Lane Bellefonte, PA 16823

#### US Fish and Wildlife Service

Pennsylvania Field Office 110 Radnor Rd; Suite 101 State College, PA 16801 no faxes please































