

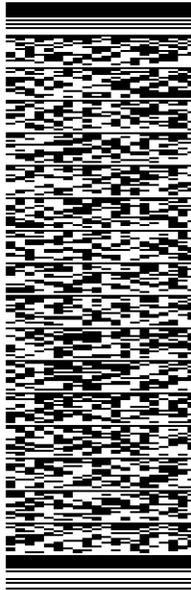
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U.S. FISH AND WILDLIFE SERVICE
110 RADNOR STREET
SUITE 101
STATE COLLEGE PA 16801
(814) 234-4090 REF: 04104183.1
NV: DEPT.
PO:

546J1/33BB/53C1



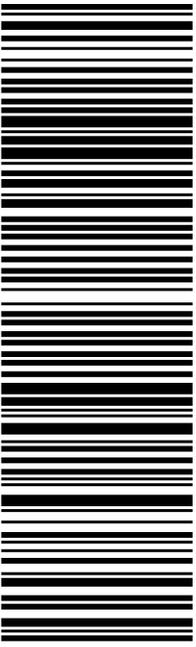
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AECOM
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681 Andersen Drive
Pittsburgh, Pennsylvania 15220
www.aecom.com

412 503 4700 tel
412 503 4701 fax

February 27, 2017

Pamela Shellenberger
U.S. Fish and Wildlife Service
Pennsylvania Field Office
110 Radnor Road, Suite 101
State College, PA 16801

**Re: Large Project PNDI, USFWS Project #: 2015-1047
Shell Pipeline Company, LP – Falcon Ethane 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 Ms. Shellenberger:

AECOM received clearance for the bat mist net survey in correspondence dated January 13, 2017. Since then, Shell Pipeline Company, LP (Shell) has finalized the Falcon Ethane Pipeline Project (Falcon) route. Based on the finalized route AECOM placed a 0.25-mile buffer centered on the proposed centerline — as was done in the initial correspondence — and mapped it along with the previously submitted buffer (Figures 2 and 3). The new, finalized route buffer goes outside of the buffer previously submitted to your office in approximately 15 locations.

AECOM and Shell request that USFWS review these new areas for any rare, threatened, or endangered species under USFWS jurisdiction. Please note that Shell still plans on crossing both Raccoon Creek locations via Horizontal Directional Drill. Additional mist net studies will be conducted by qualified surveyors during the 2017 survey season at the request of USFWS. Additionally, a bald eagle nest survey will be conducted in March, 2017.

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

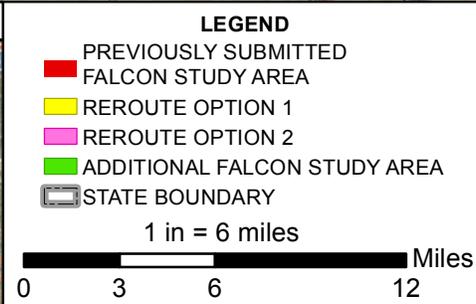
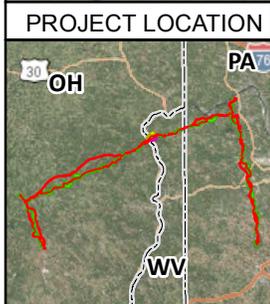
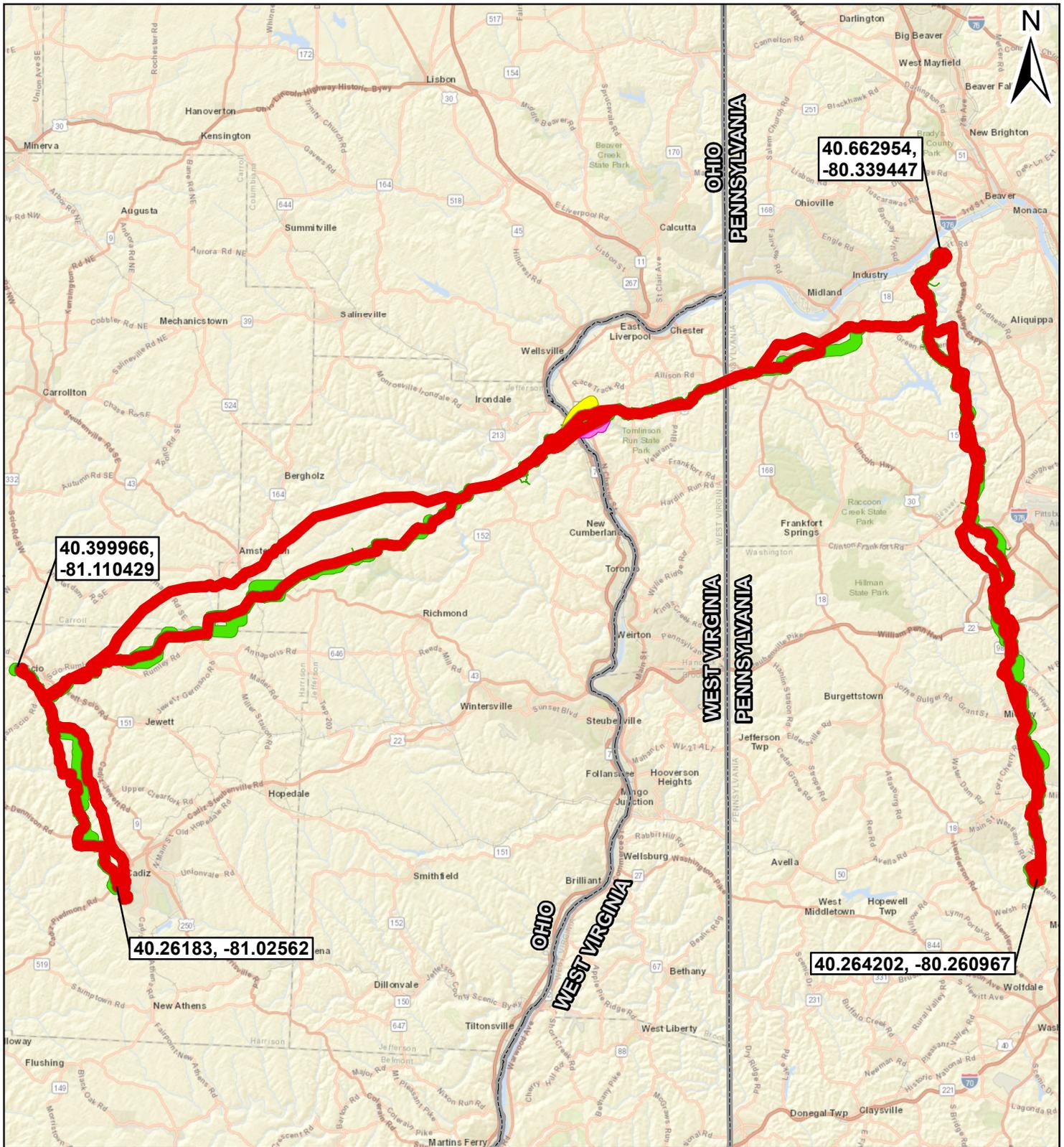
Natalie L. Shearer, M.S., QEP
Natural Resources Lead—Pittsburgh

Brandon M. Walker, PE, CPESC
Project Manager

Enclosures (4)

- Figure 1: Overview Map
- Figure 2: Pennsylvania Topographic Map
- Figure 3: Pennsylvania Aerial Map
- CD containing project shapefiles

cc: Kyle L. Webster, Shell Pipeline Company, LP




SHELL PIPELINE COMPANY, LP
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HOUSTON, TEXAS 77002



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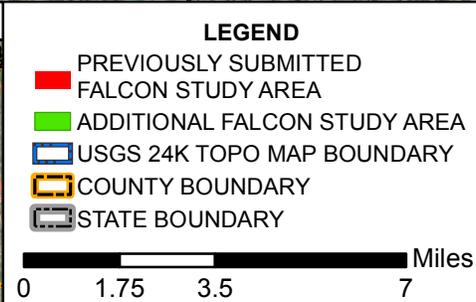
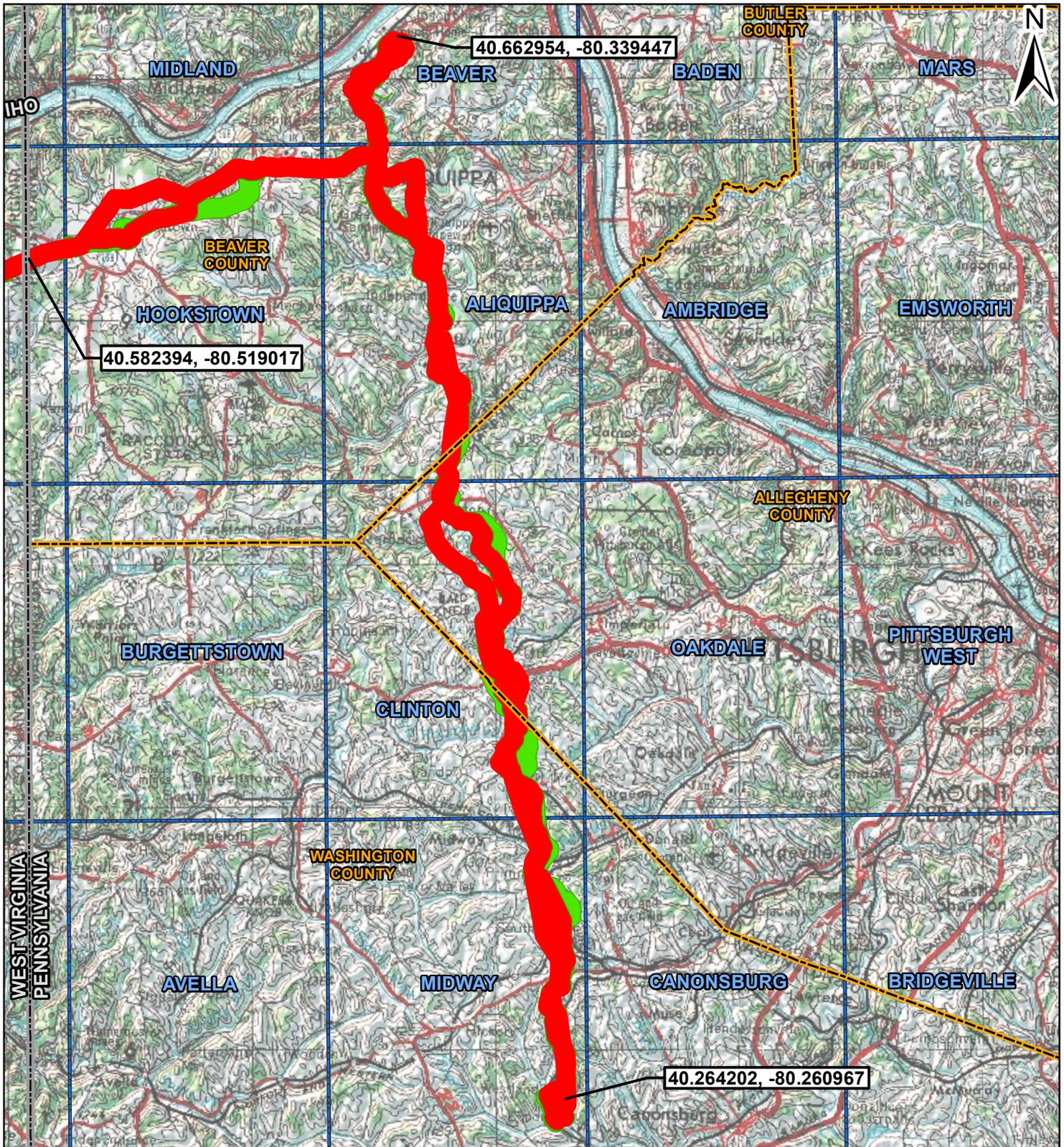
FIGURE 1

OVERVIEW MAP

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE
PIPELINE PROJECT**

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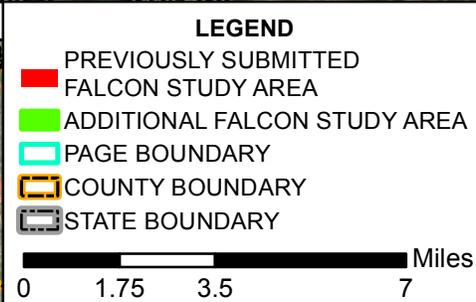
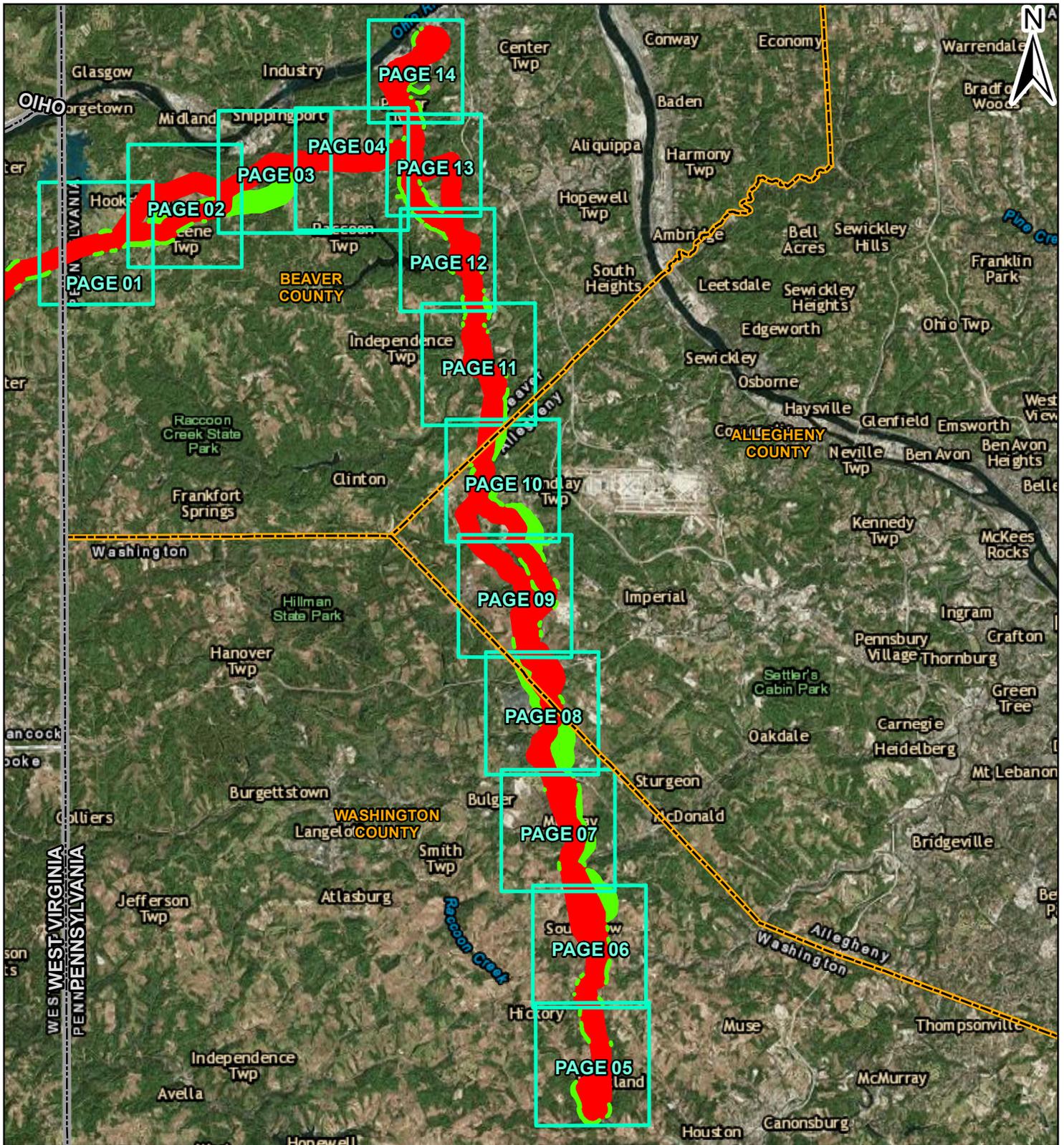
FIGURE 2

PENNSYLVANIA TOPOGRAPHIC MAP
BEAVER, ALLEGHENY, AND WASHINGTON COUNTIES

SHELL PIPELINE COMPANY, LP
FALCON ETHANE PIPELINE PROJECT

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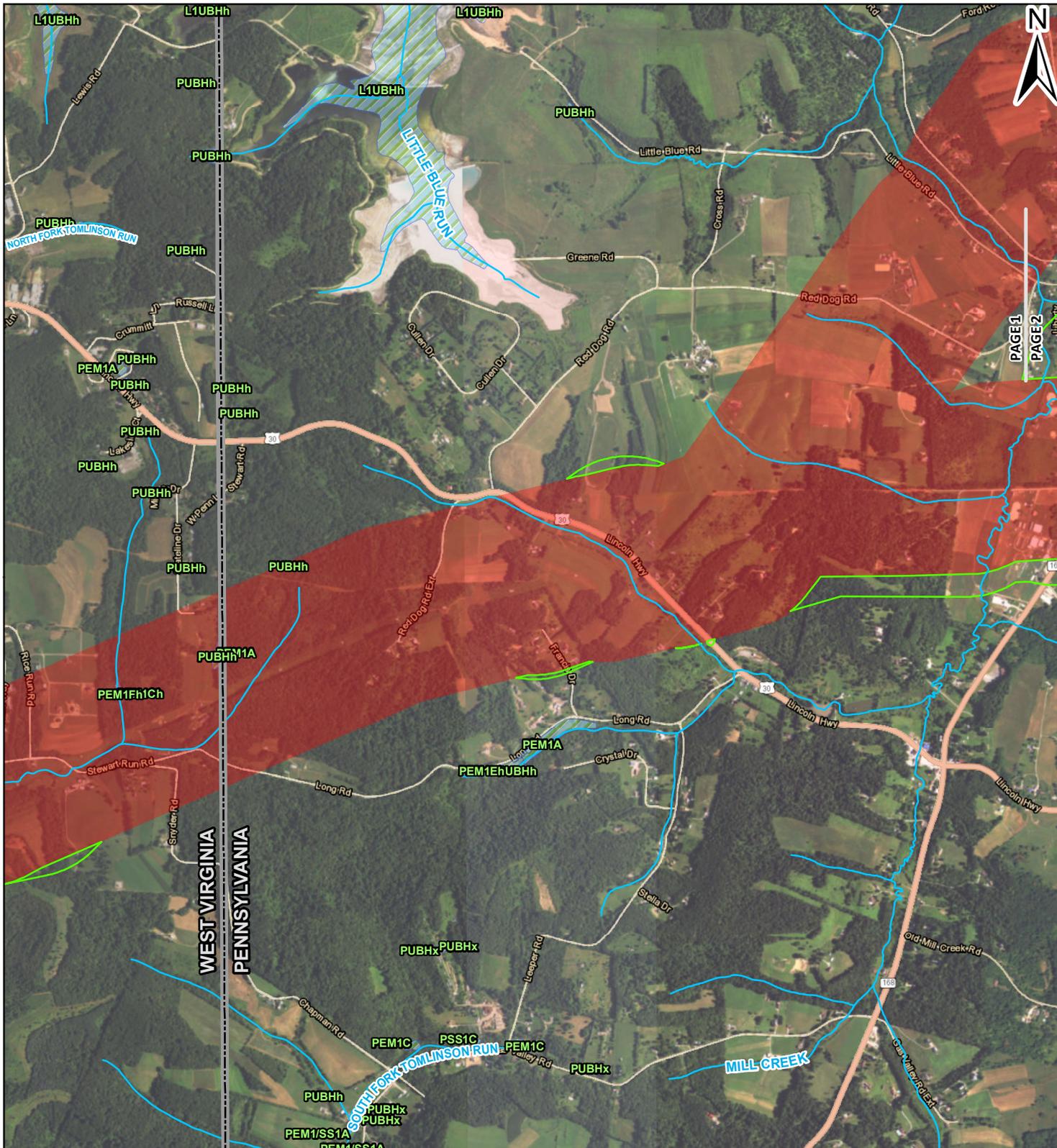
FIGURE 3

**PENNSYLVANIA
AERIAL INDEX MAP**
BEAVER, ALLEGHENY, AND
WASHINGTON COUNTIES

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE
PIPELINE PROJECT**

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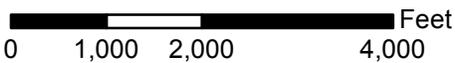
PAGE 1
PAGE 2

PROJECT LOCATION



LEGEND

- NHD FLOWLINE
- ADDITIONAL FALCON STUDY AREA
- PREVIOUSLY SUBMITTED FALCON STUDY AREA
- NWI WETLAND
- COUNTY BOUNDARY
- STATE BOUNDARY



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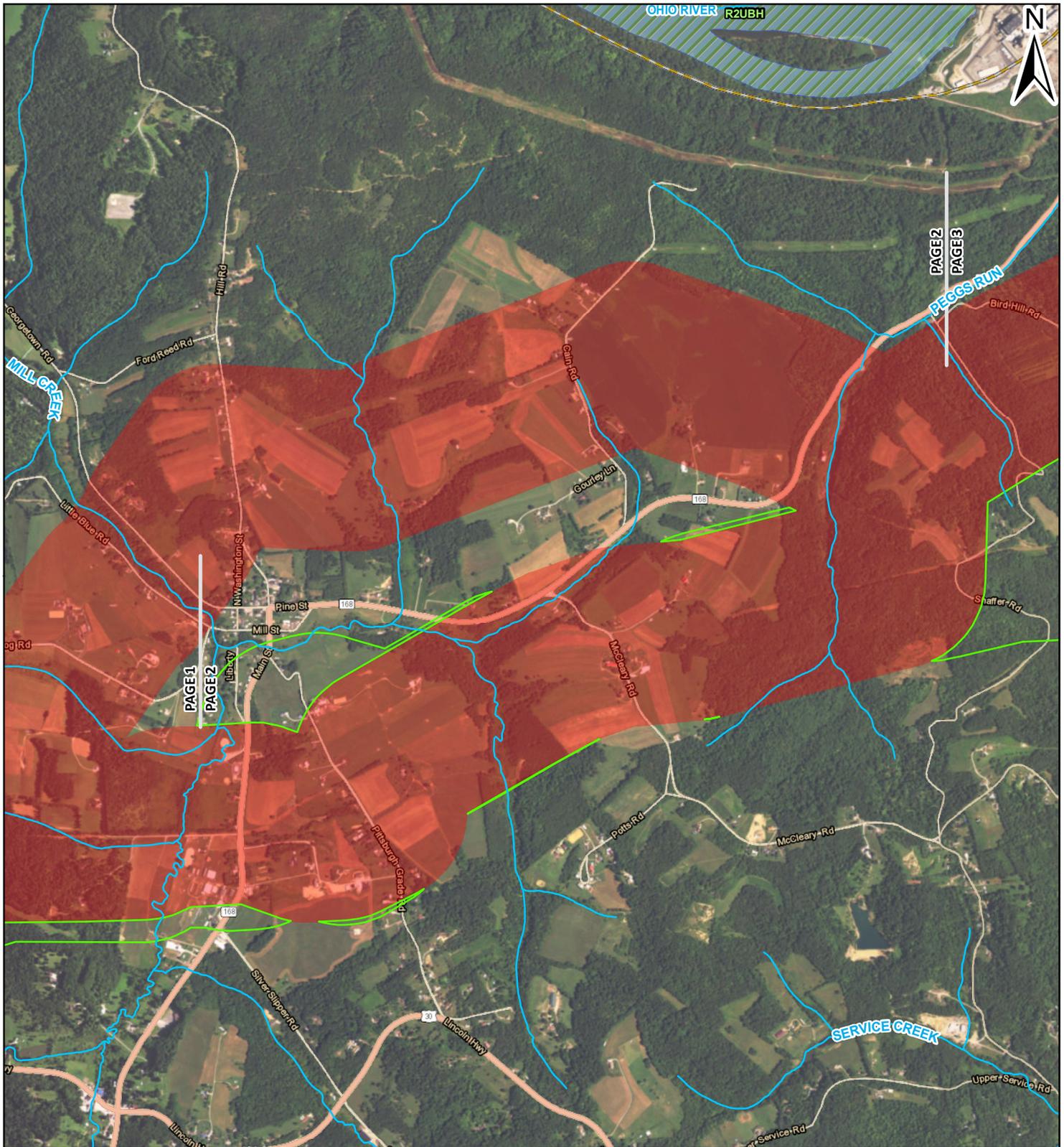
FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 1 OF 14**

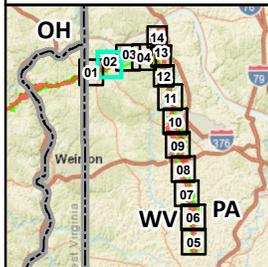
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FALCON ETHANE
PIPELINE PROJECT**

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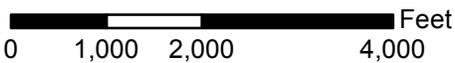


PROJECT LOCATION



LEGEND

- NHD FLOWLINE
- ADDITIONAL FALCON STUDY AREA
- PREVIOUSLY SUBMITTED FALCON STUDY AREA
- NWI WETLAND
- COUNTY BOUNDARY
- STATE BOUNDARY



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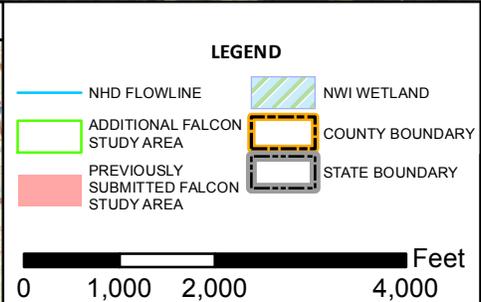
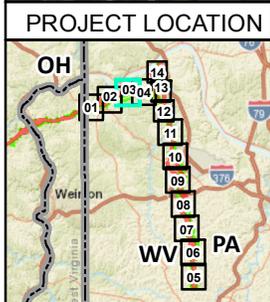
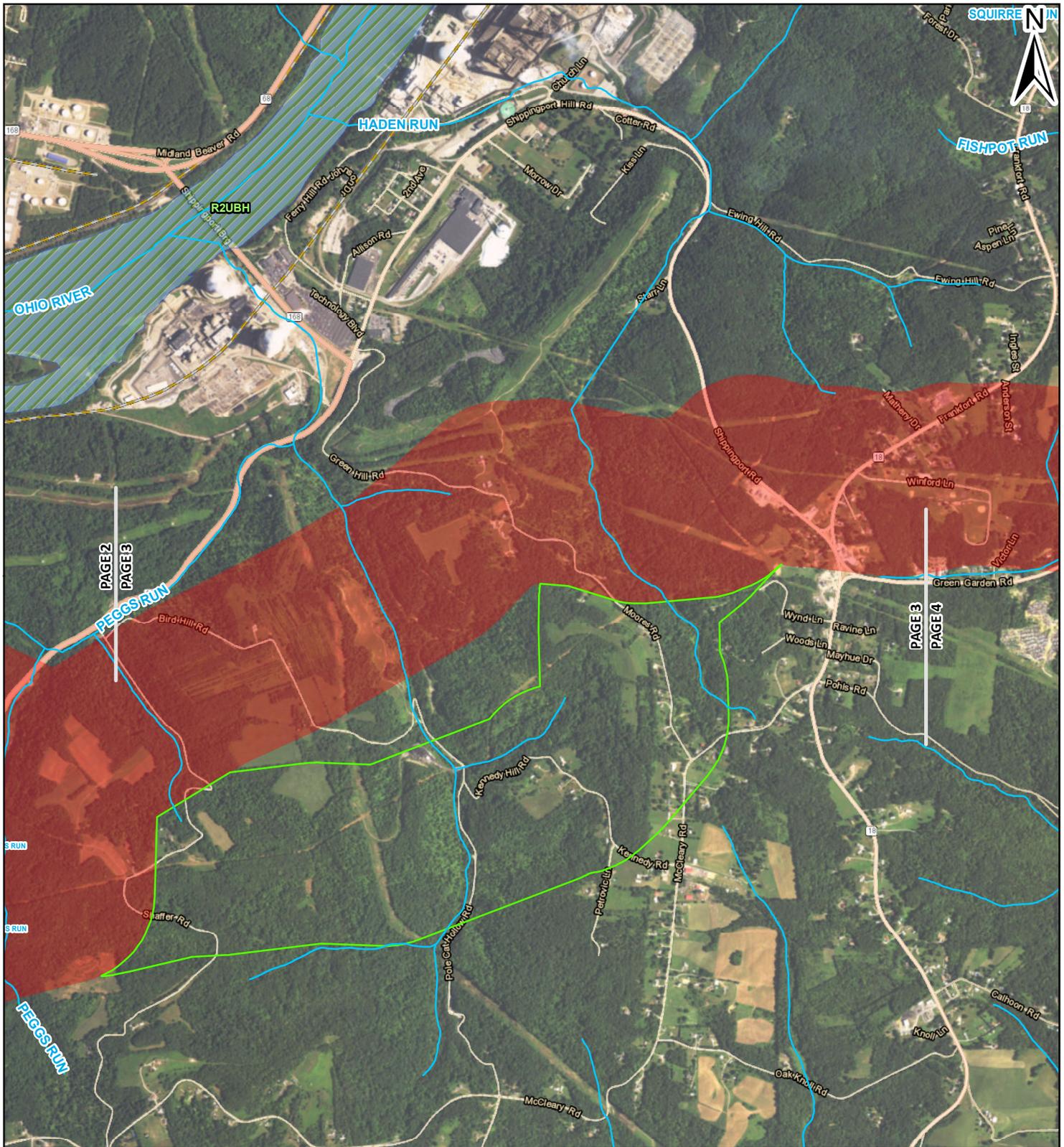
FIGURE 3

**PENNSYLVANIA
 ALLEGHENY, BEAVER AND
 WASHINGTON COUNTIES
 PAGE 2 OF 14**

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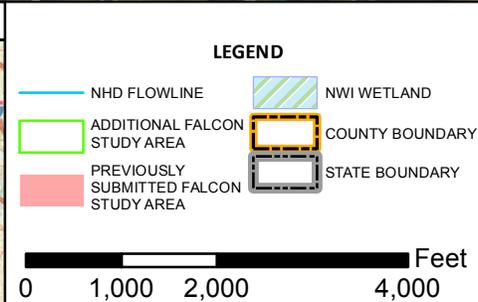
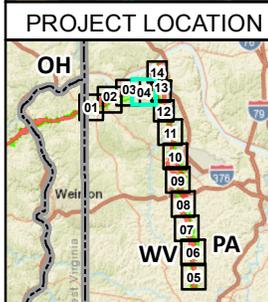
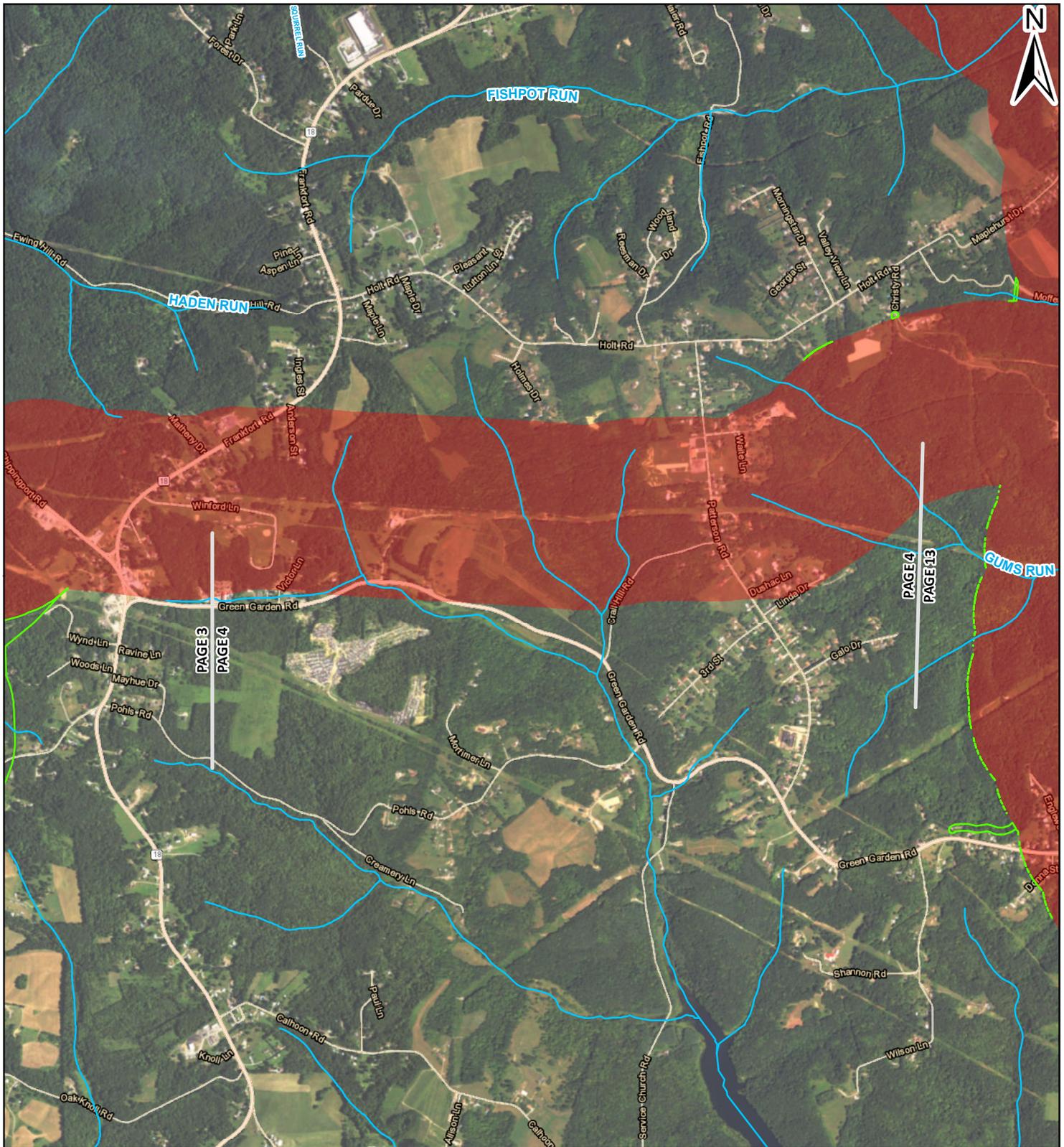
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FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 3 OF 14**

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FALCON ETHANE
PIPELINE PROJECT**




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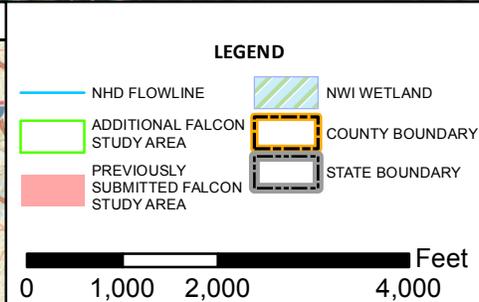
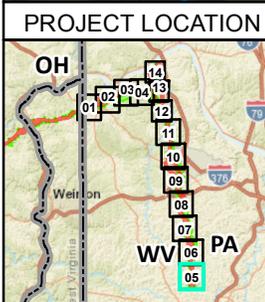
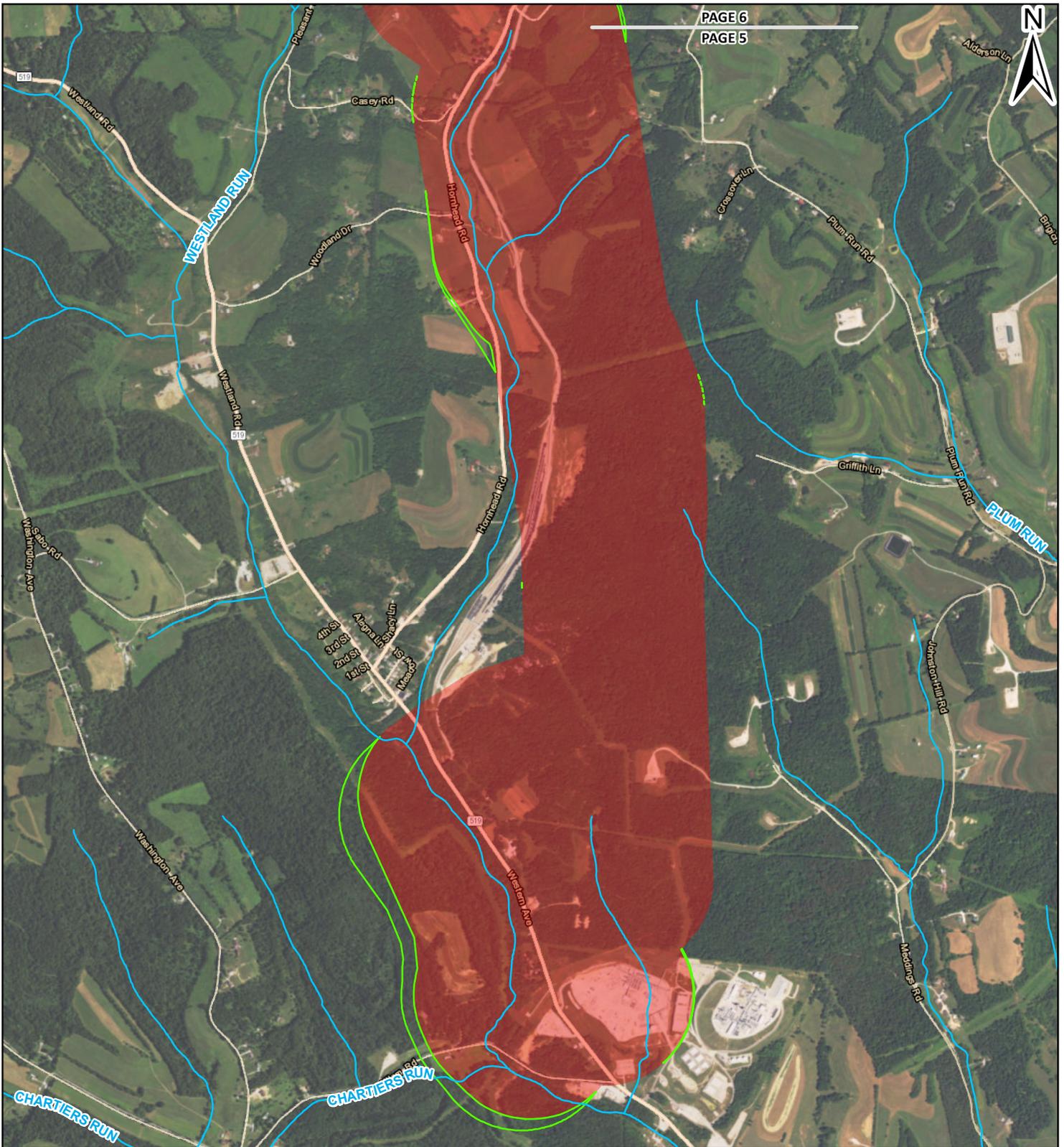
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FIGURE 3

**PENNSYLVANIA
 AERIAL MAP
 ALLEGHENY, BEAVER AND
 WASHINGTON COUNTIES
 PAGE 4 OF 14**

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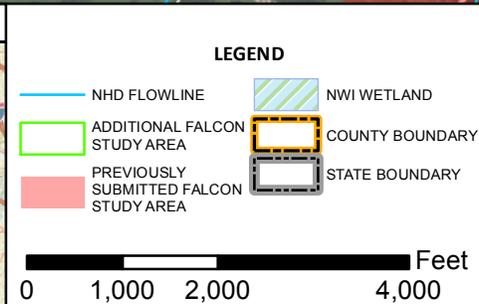
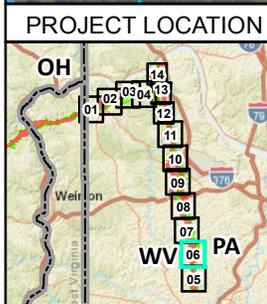
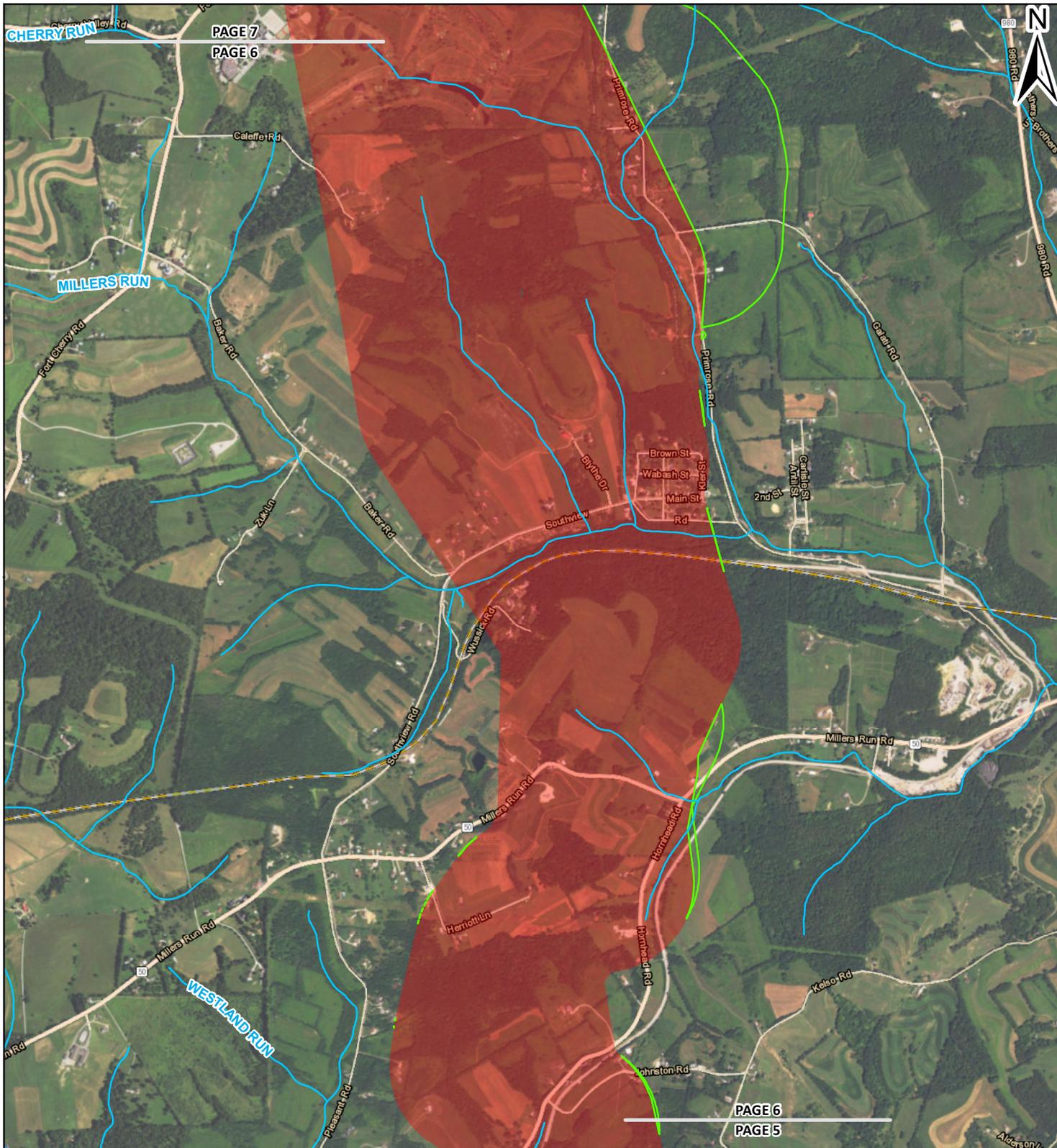
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FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 5 OF 14**

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE
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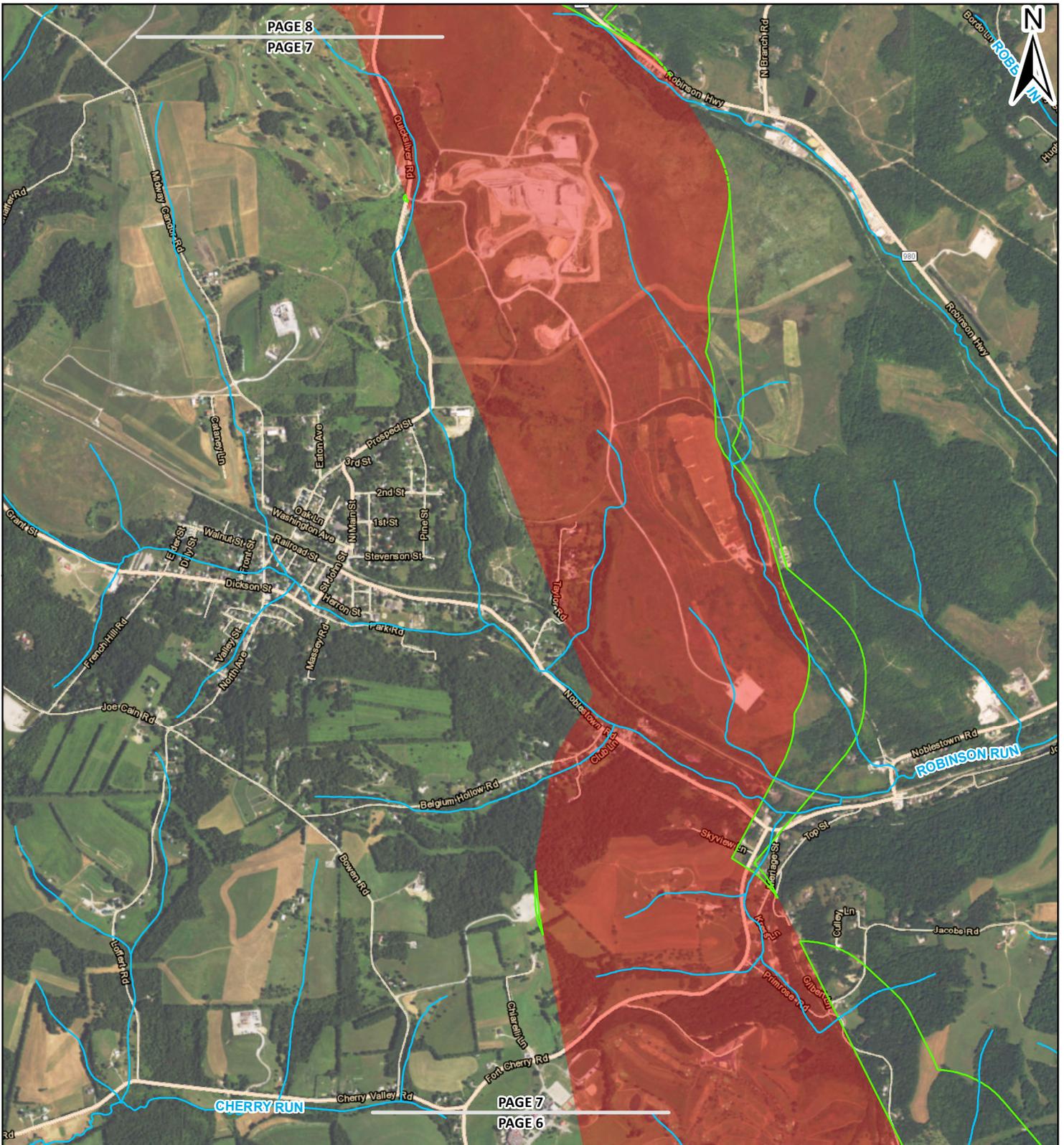
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FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 6 OF 14**

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PIPELINE PROJECT**

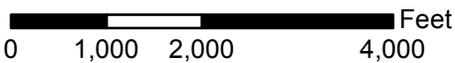


PROJECT LOCATION



LEGEND

- NHD FLOWLINE
- ADDITIONAL FALCON STUDY AREA
- PREVIOUSLY SUBMITTED FALCON STUDY AREA
- NWI WETLAND
- COUNTY BOUNDARY
- STATE BOUNDARY



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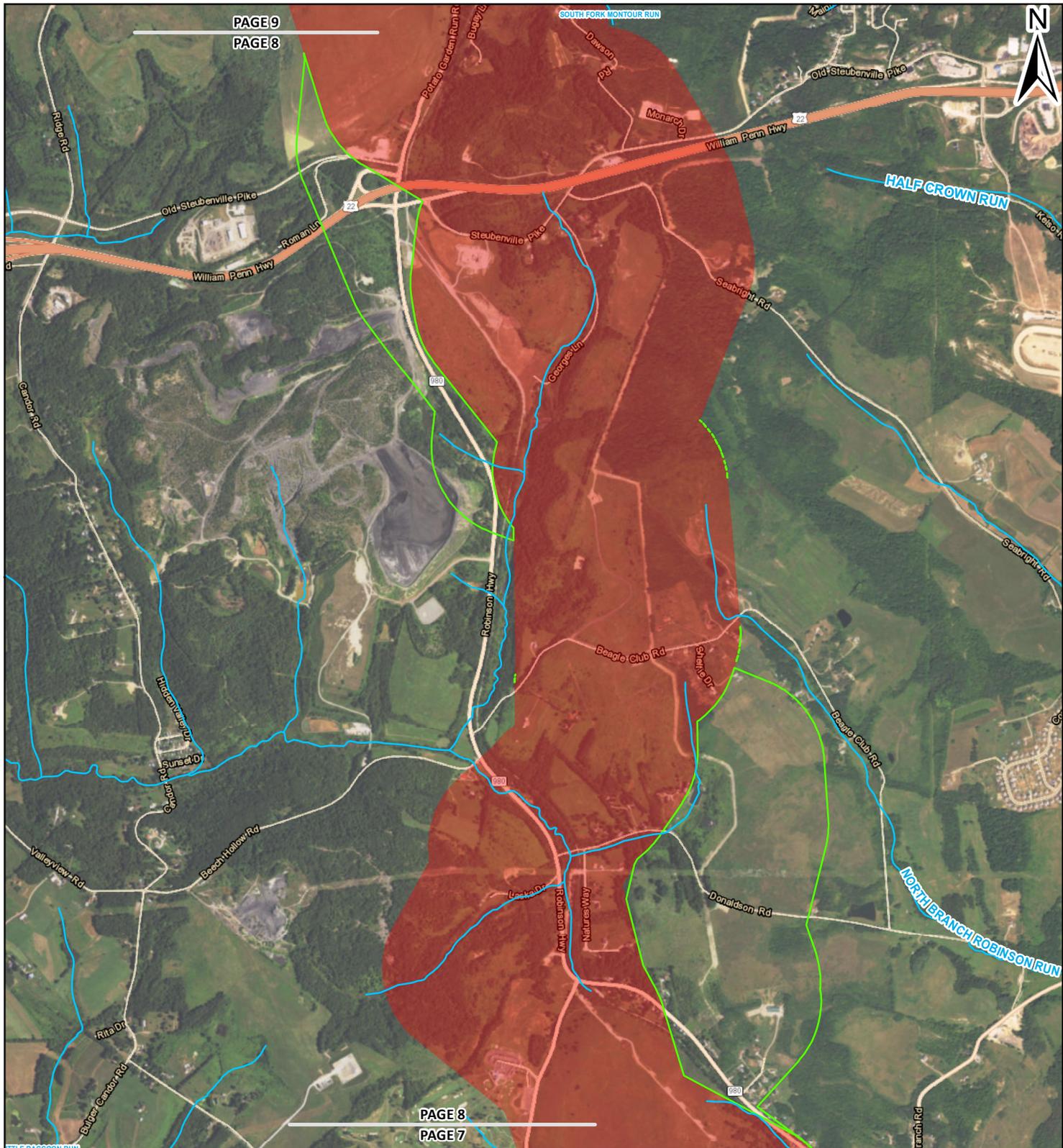
FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 7 OF 14**

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FALCON ETHANE
PIPELINE PROJECT**

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- PREVIOUSLY SUBMITTED FALCON STUDY AREA
- NWI WETLAND
- COUNTY BOUNDARY
- STATE BOUNDARY

Scale: 0 1,000 2,000 4,000 Feet



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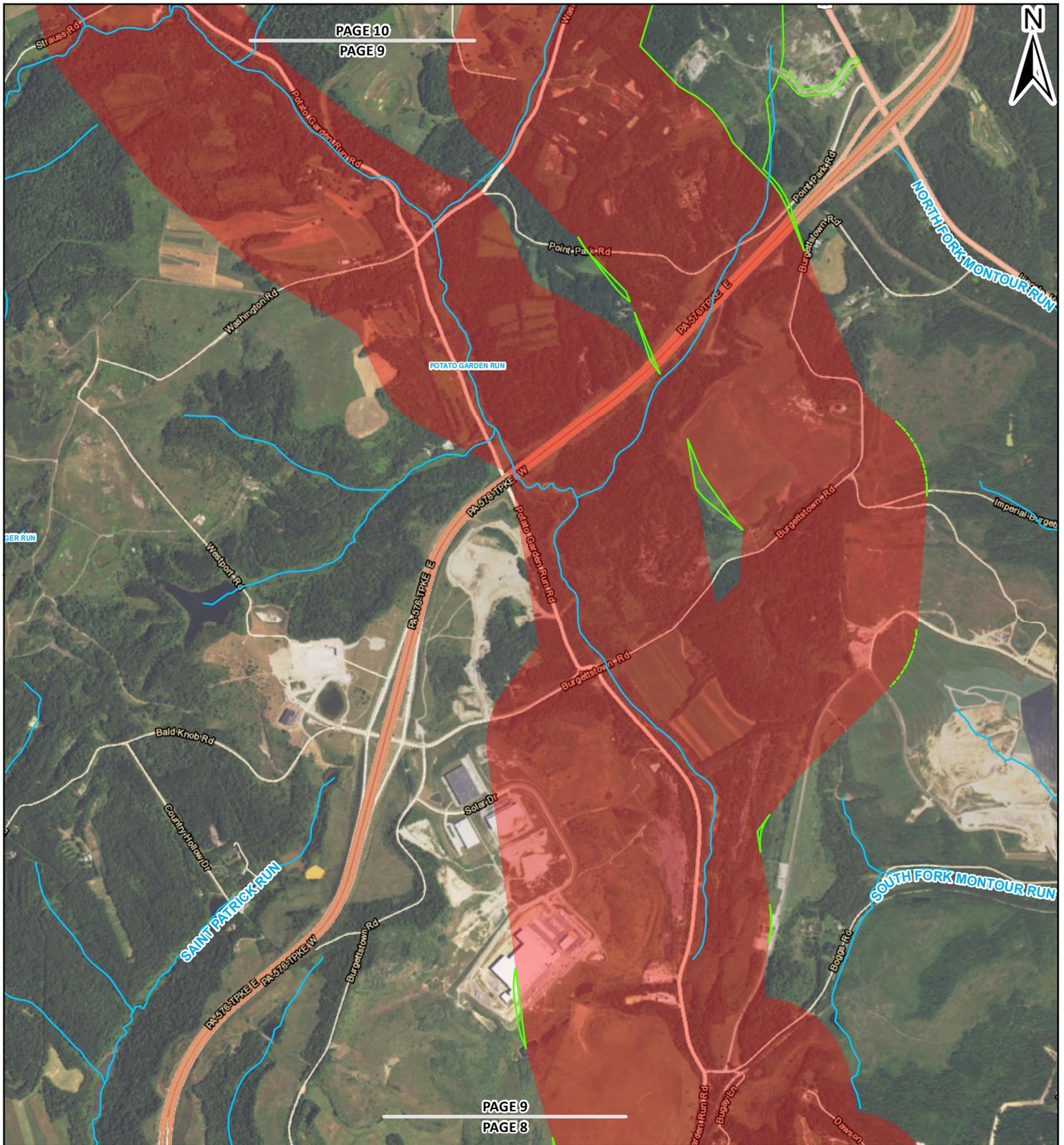
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FIGURE 3
PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 8 OF 14

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FALCON ETHANE
PIPELINE PROJECT

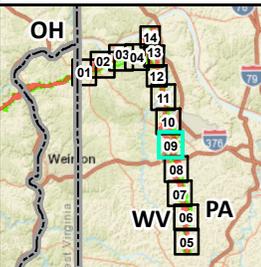
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PAGE 9

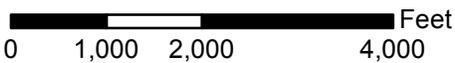
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PROJECT LOCATION



LEGEND

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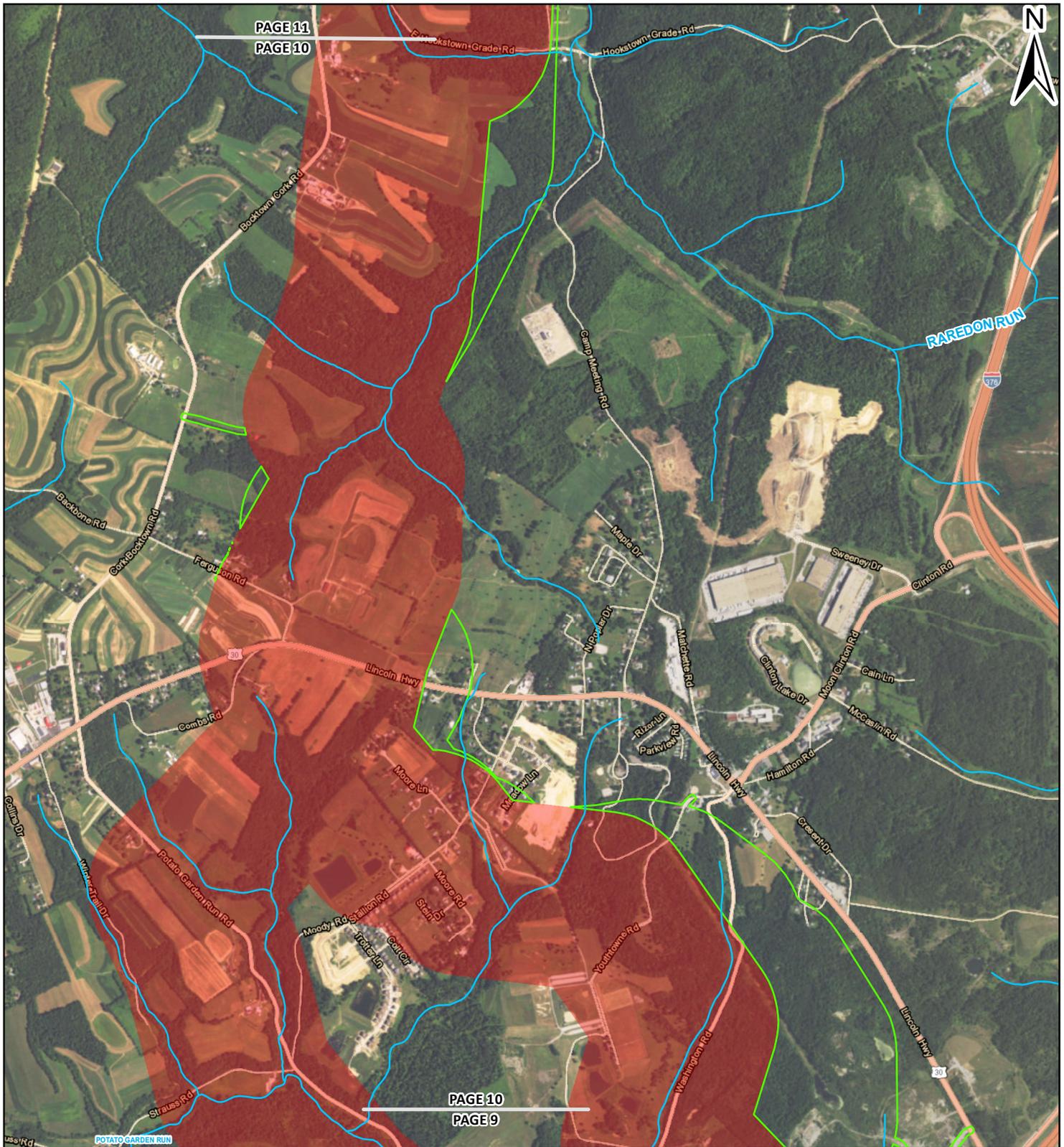
FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 9 OF 14**

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE
PIPELINE PROJECT**

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PROJECTION: TRANSVERSE MERCATOR, TRANSVERSE MERCATOR



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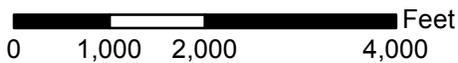
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PROJECT LOCATION



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4TH FLOOR
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412-503-4700

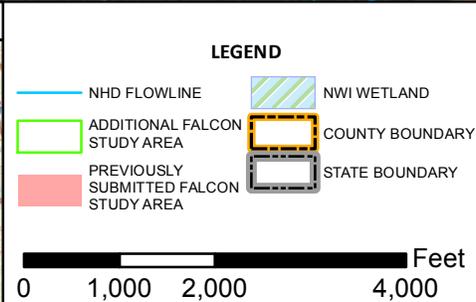
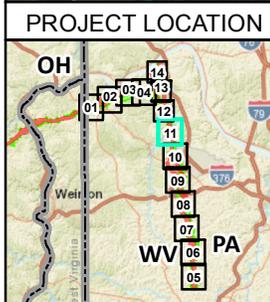
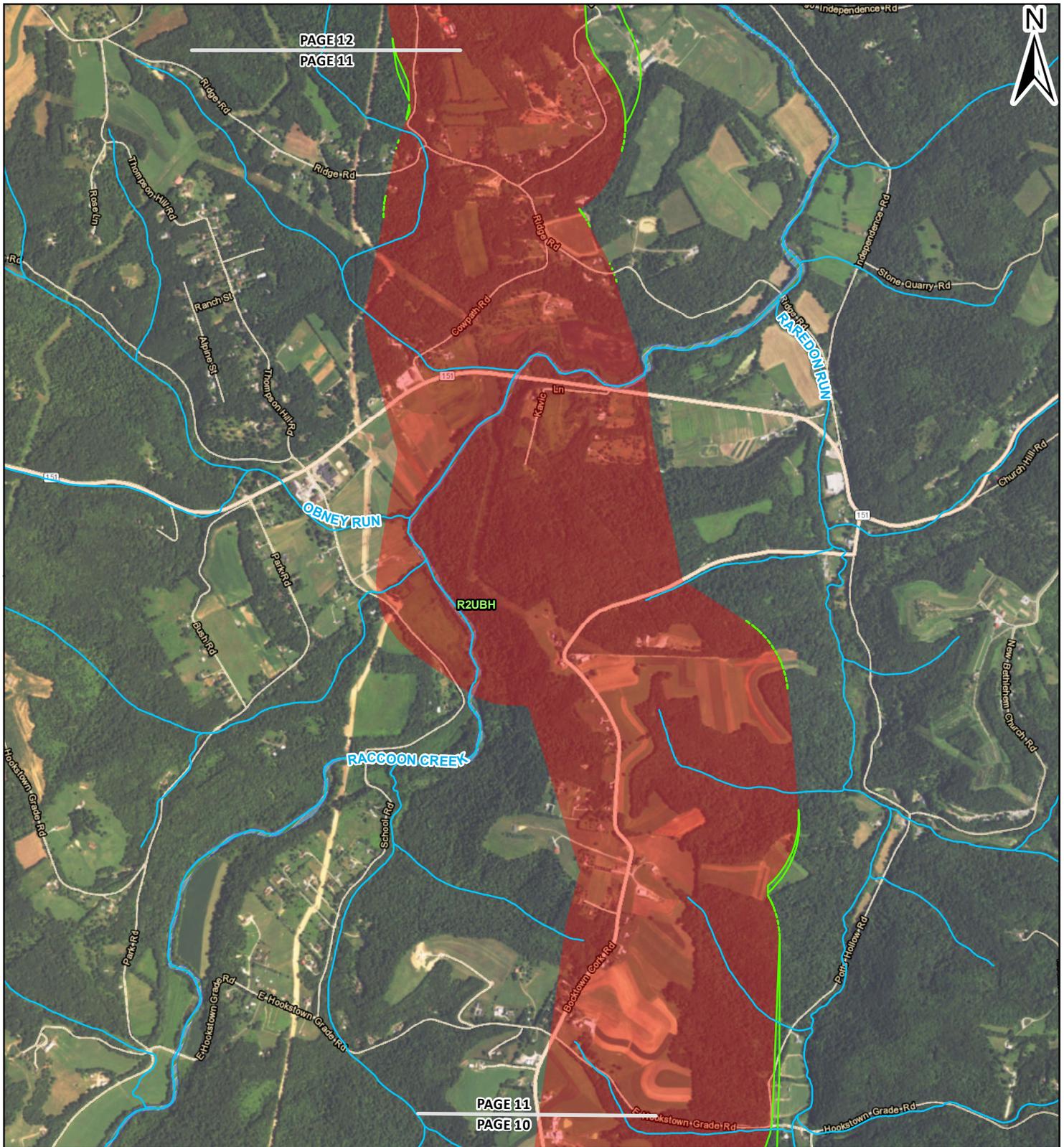
FIGURE 3

**PENNSYLVANIA
AERIAL MAP
ALLEGHENY, BEAVER AND
WASHINGTON COUNTIES
PAGE 10 OF 14**

**SHELL PIPELINE COMPANY, LP
FALCON ETHANE
PIPELINE PROJECT**

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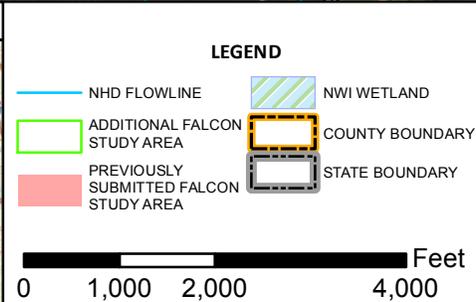
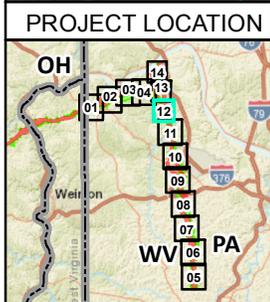
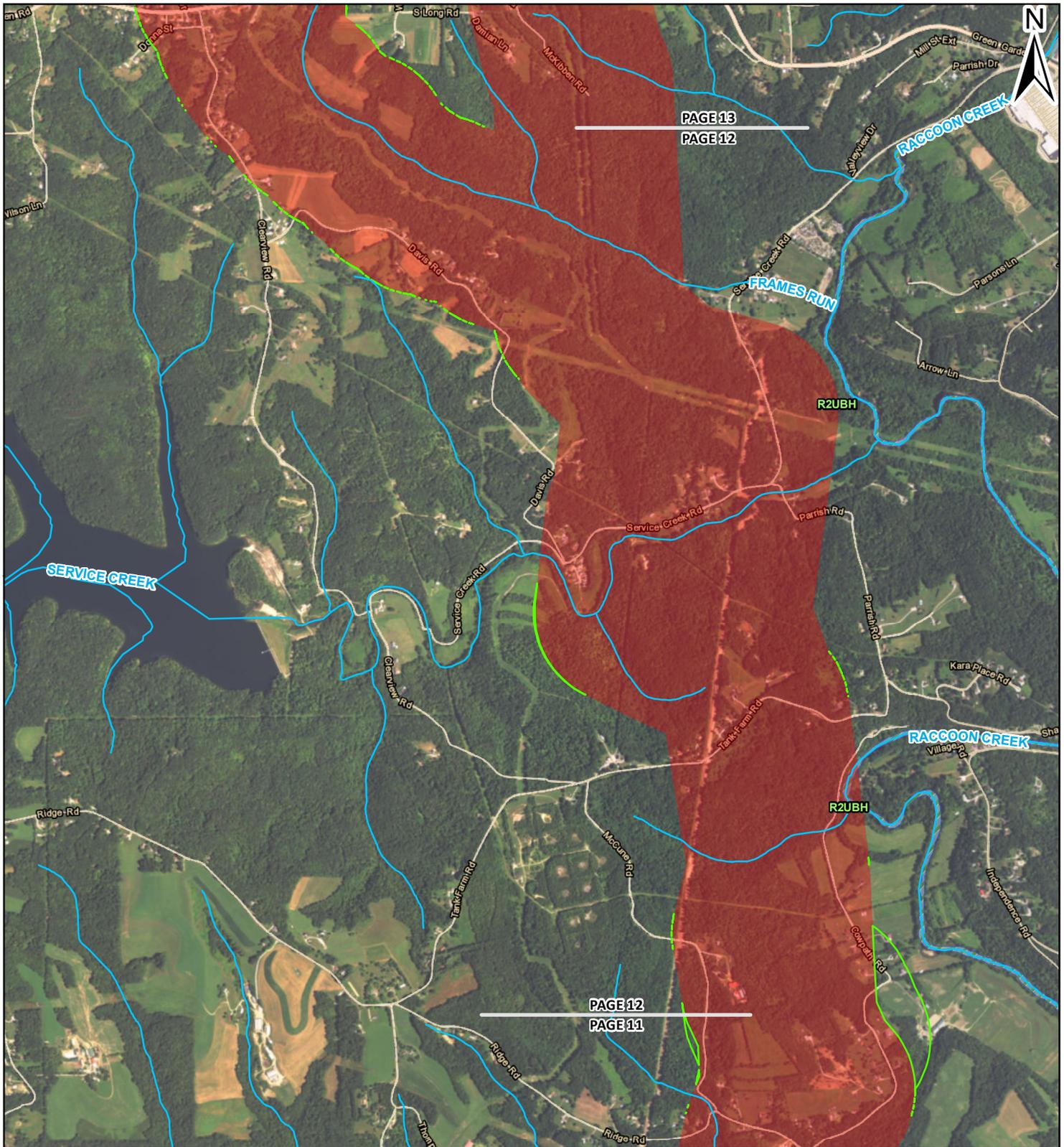
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FIGURE 3

**PENNSYLVANIA
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PAGE 11 OF 14**

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FIGURE 3

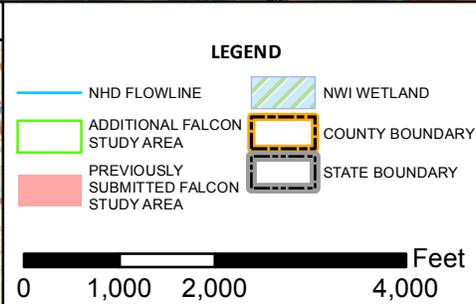
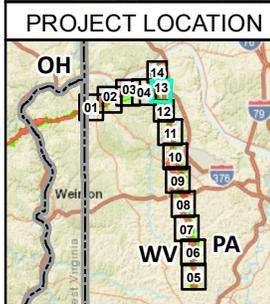
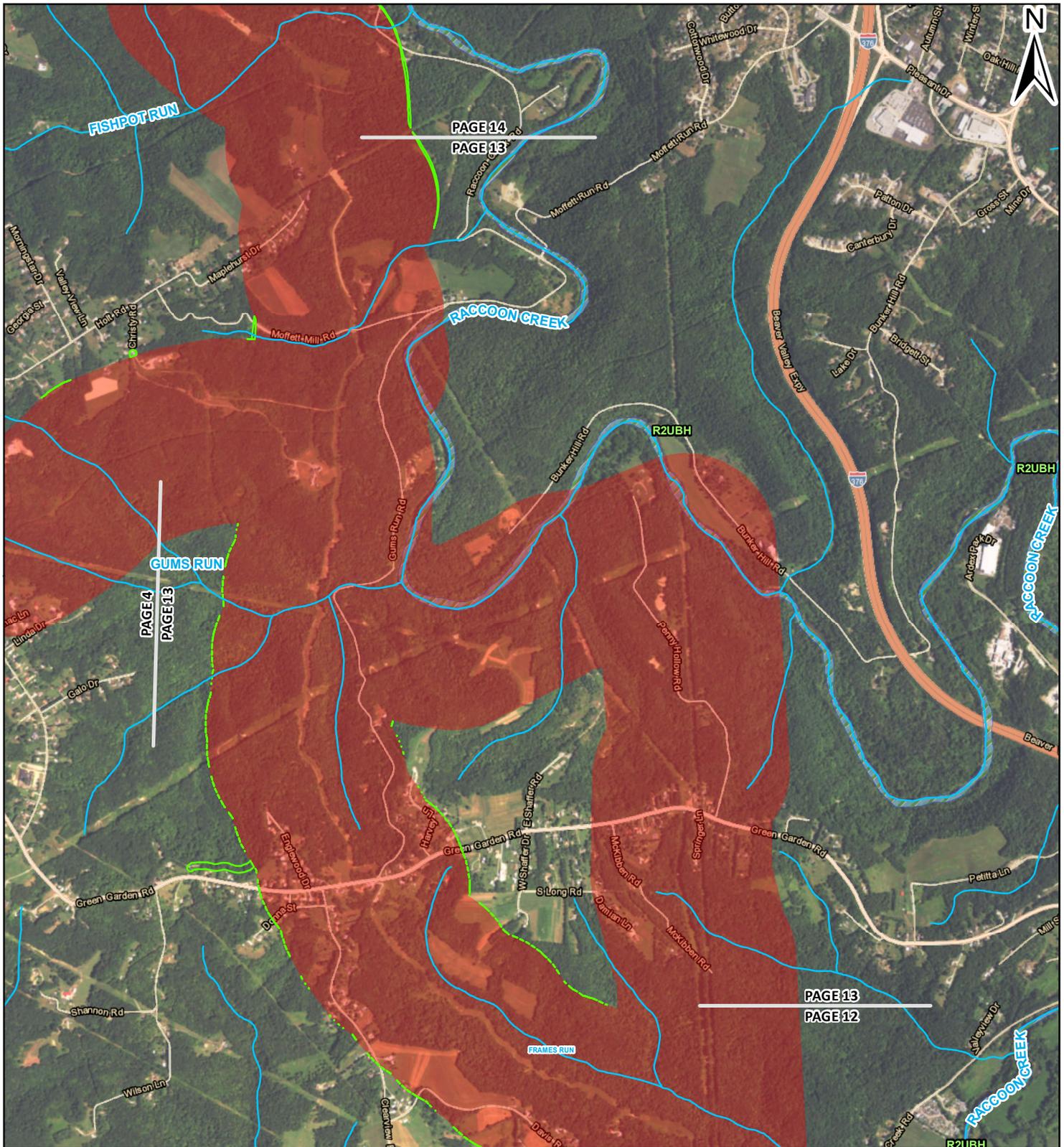
**PENNSYLVANIA
 AERIAL MAP
 ALLEGHENY, BEAVER AND
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 PAGE 12 OF 14**

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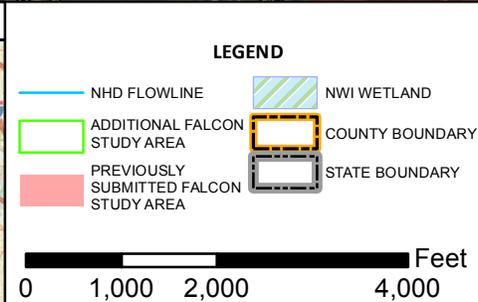
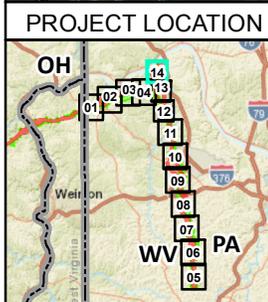
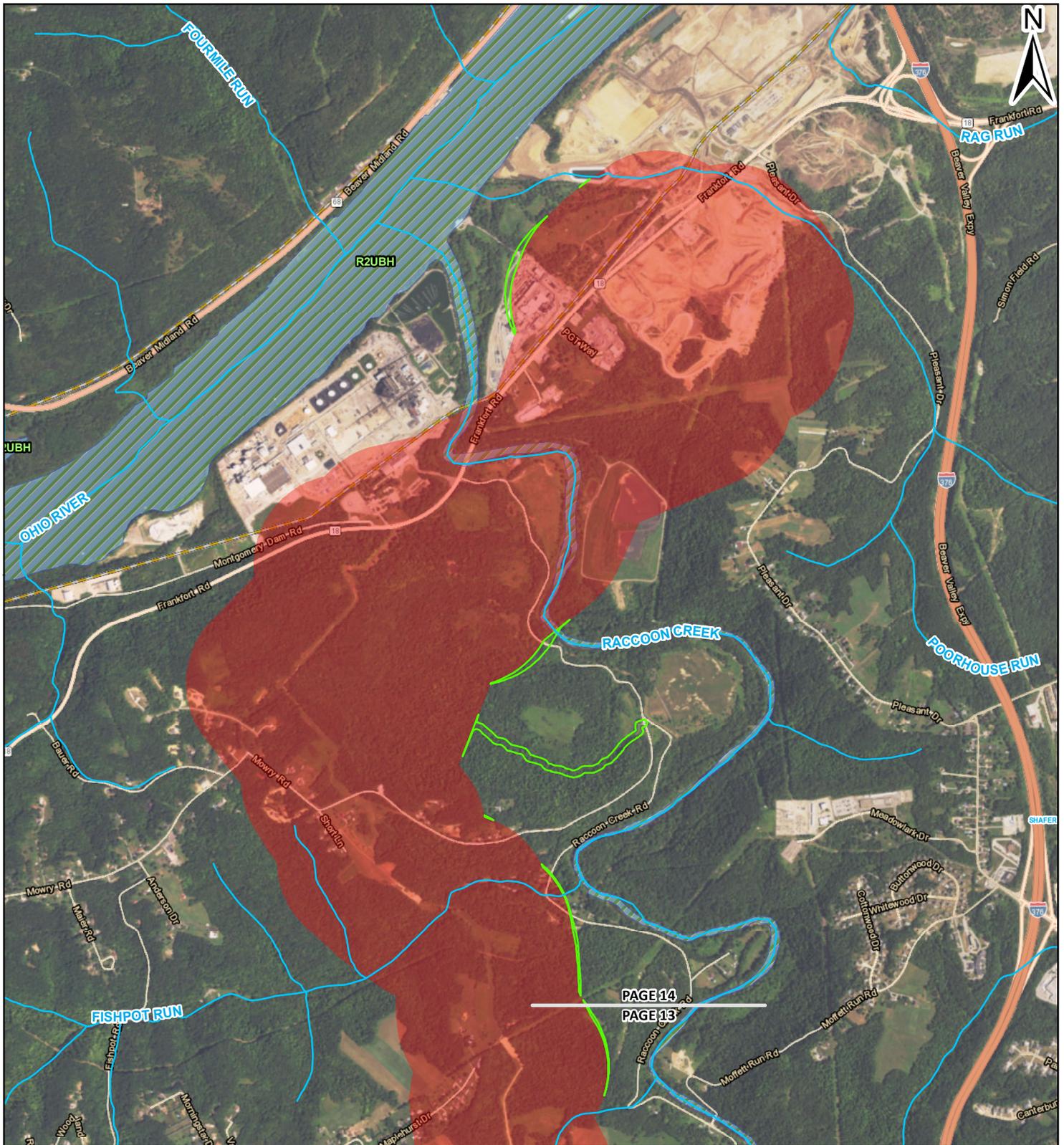
FIGURE 3

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PAGE 13 OF 14**

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 PAGE 14 OF 14**

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