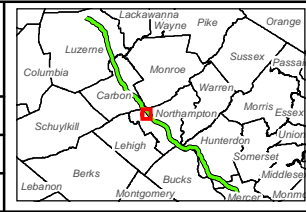
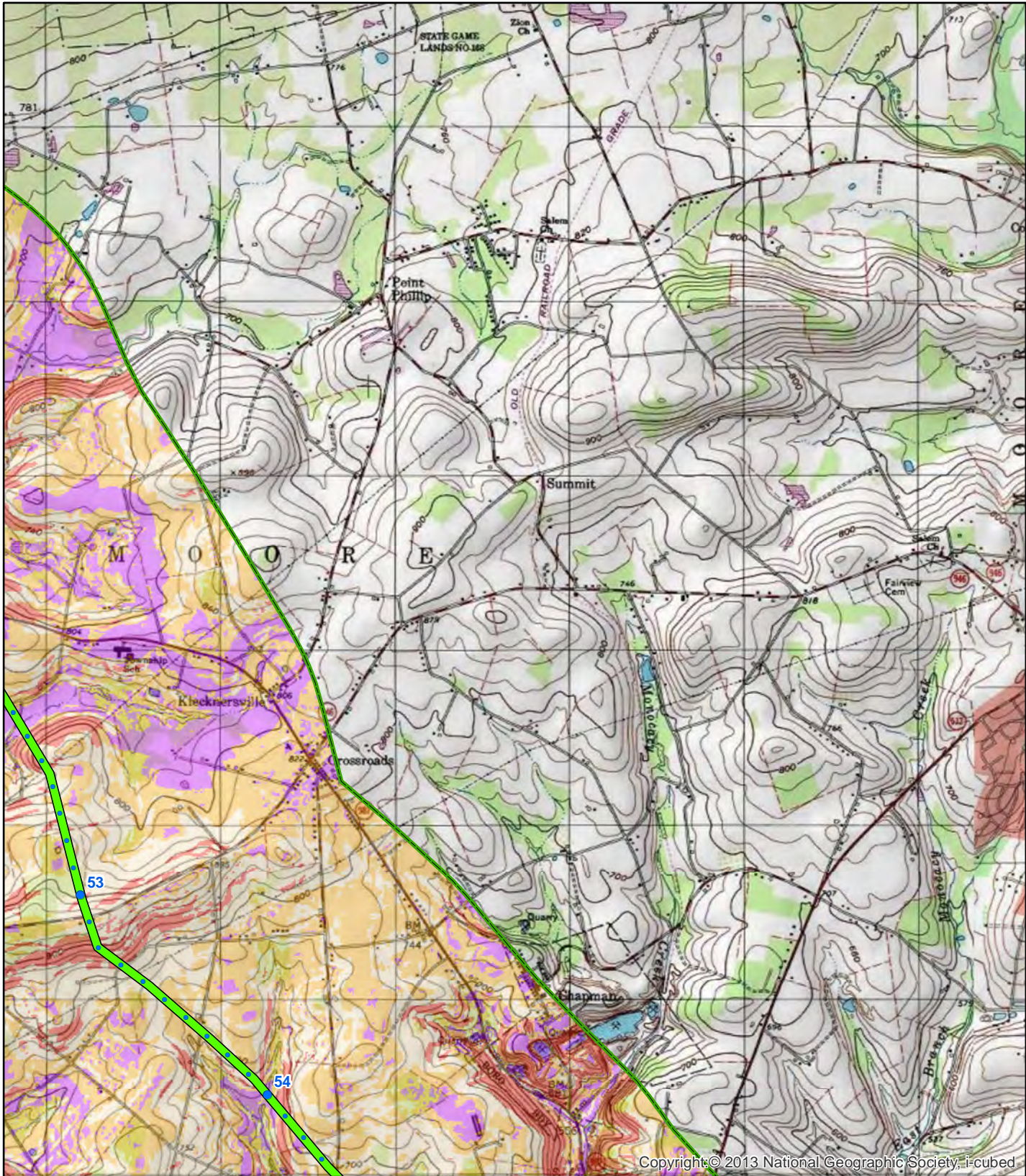


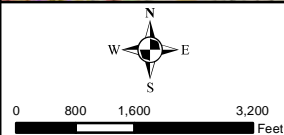
Legend		
● Mile Postings	Archaeological Sensitivity Model	 High Sensitivity
 PennEast Pipeline	 Low Sensitivity	 Steep Slope (> 15%)
 1-Mile Study Area	 Moderate Sensitivity	 State Boundary
		 Known Archaeological Site

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Kunkletown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 18 of 27





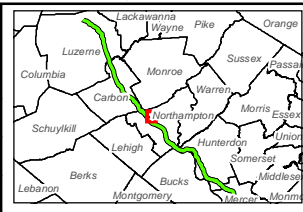
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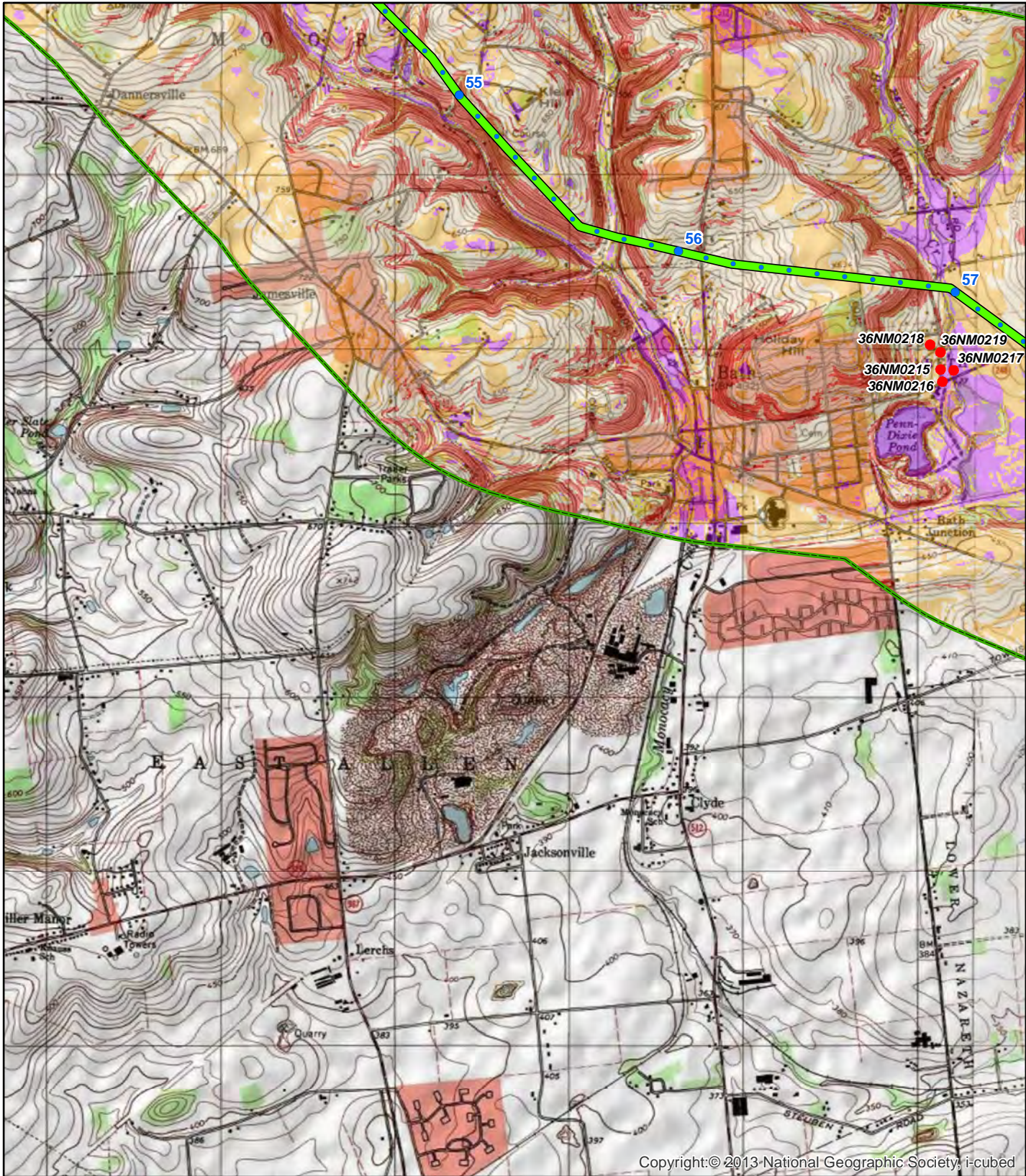


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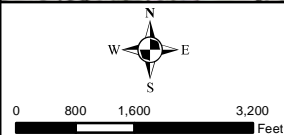
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- PennEast Pipeline
- 1-Mile Study Area
- Archaeological Sensitivity Model
- Low Sensitivity
- Moderate Sensitivity
- High Sensitivity
- Steep Slope (> 15%)
- Known Archaeological Site
- State Boundary

<p>TITLE:</p> <p style="font-size: 1.2em;">PennEast Pipeline Project</p> <p style="font-size: 1.1em;">Pennsylvania Archaeological Resources</p>			
LOC: USGS Kunkletown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 19 of 27





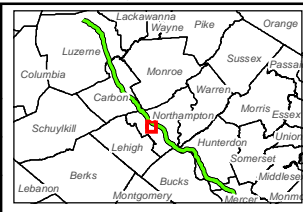
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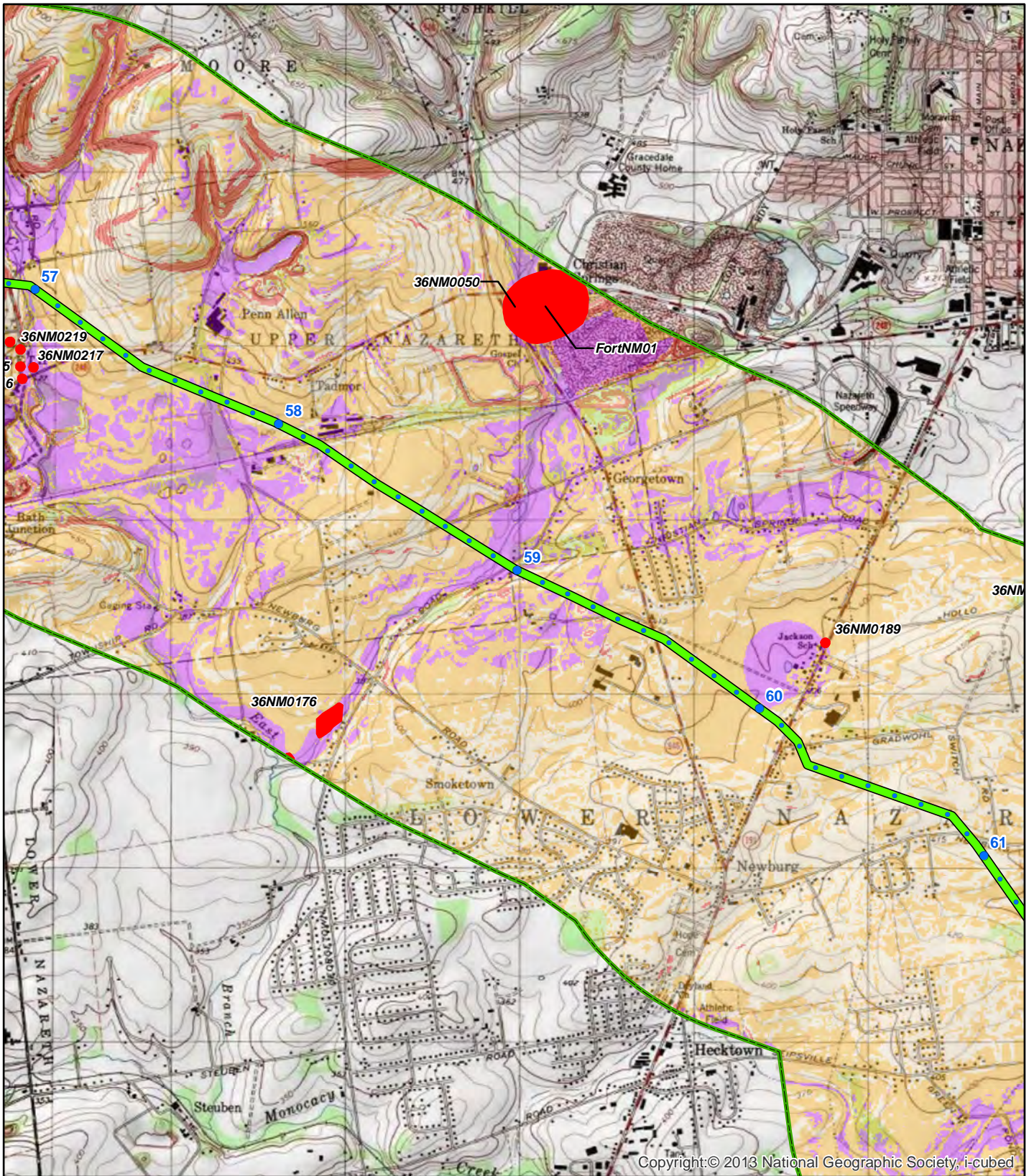


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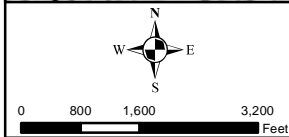
- Mile Postings
- PennEast Pipeline
- 1-Mile Study Area
- Archaeological Sensitivity Model
- Low Sensitivity
- Moderate Sensitivity
- High Sensitivity
- Steep Slope (> 15%)
- Known Archaeological Site
- State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Catsauqua Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 20 of 27



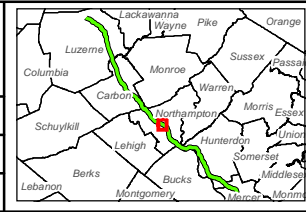


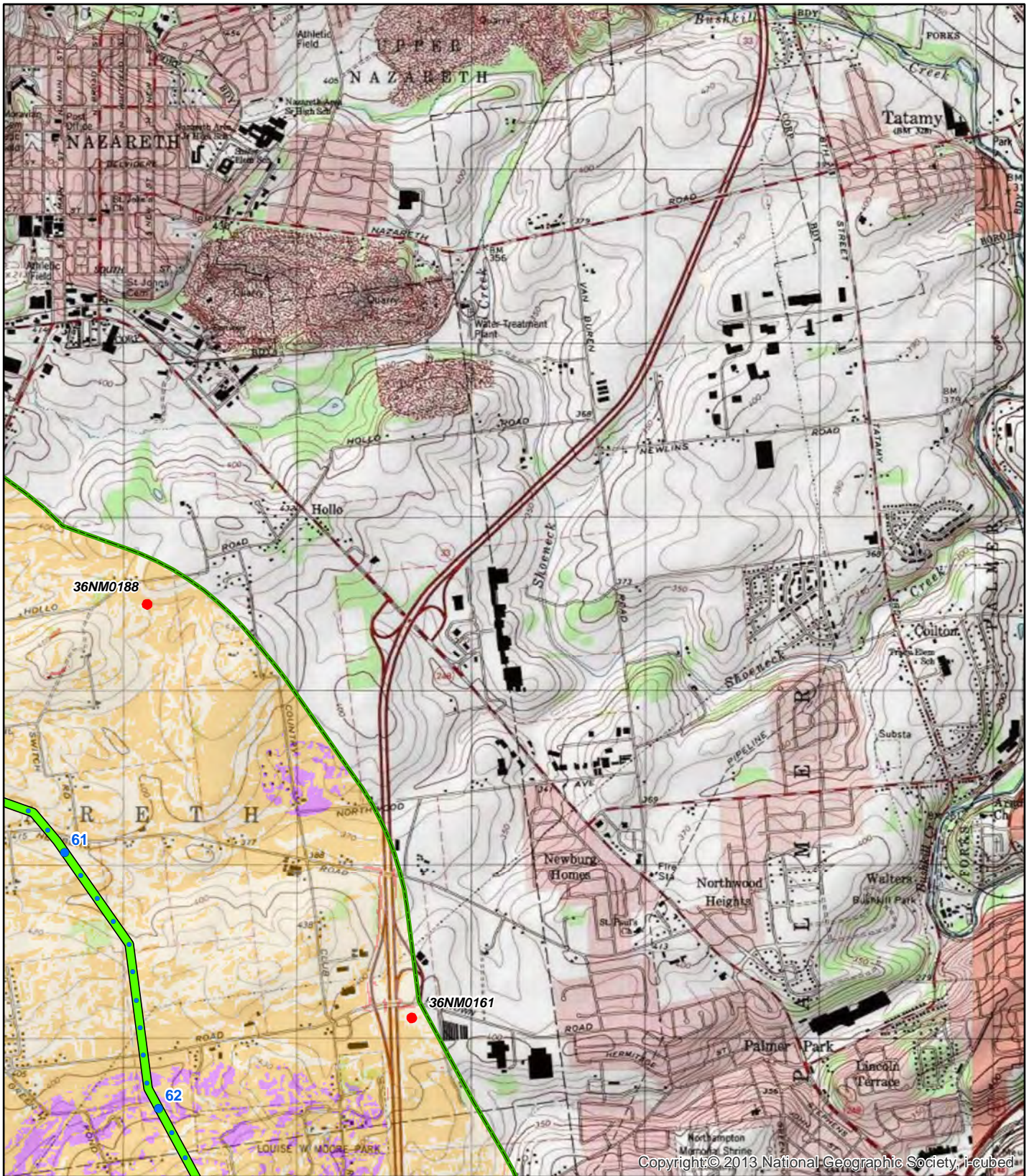
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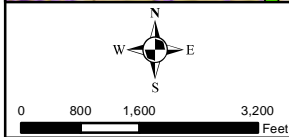
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 PennEast Pipeline	□ Low Sensitivity	□ Steep Slope (> 15%)	
 1-Mile Study Area	□ Moderate Sensitivity	□ Known Archaeological Site	

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Nazareth Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 21 of 27





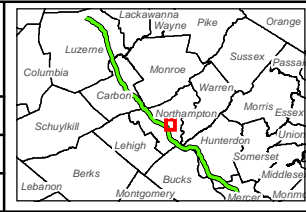
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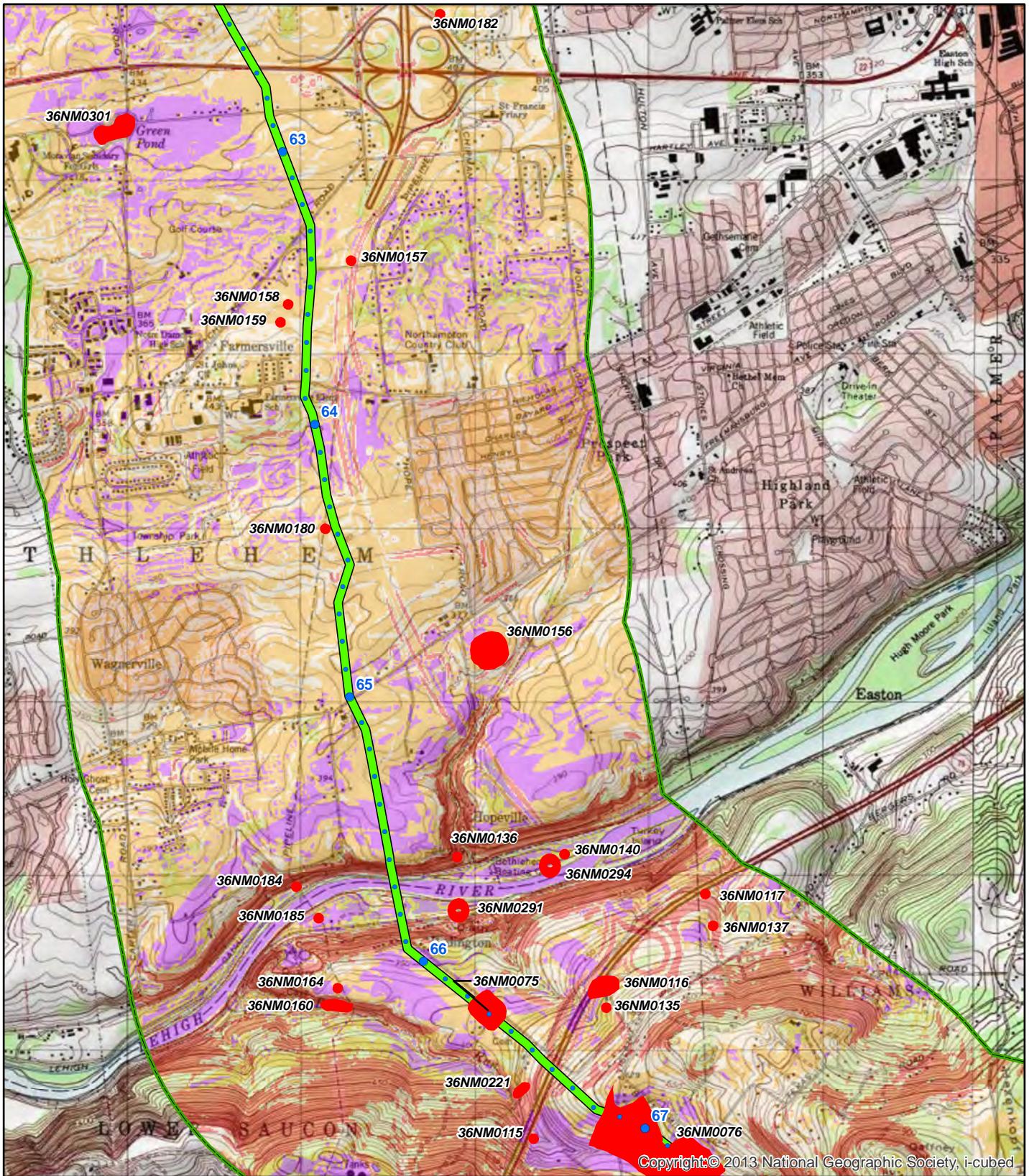


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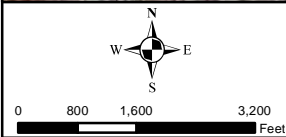
- Mile Postings
- PennEast Pipeline
- 1-Mile Study Area
- Archaeological Sensitivity Model
- Low Sensitivity
- Moderate Sensitivity
- High Sensitivity
- Steep Slope (> 15%)
- Known Archaeological Site
- State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Nazareth Quadrangle		REV.:	
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DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 22 of 27



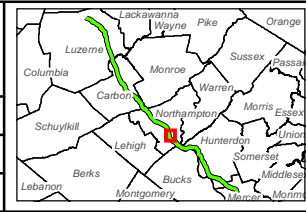


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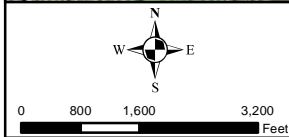
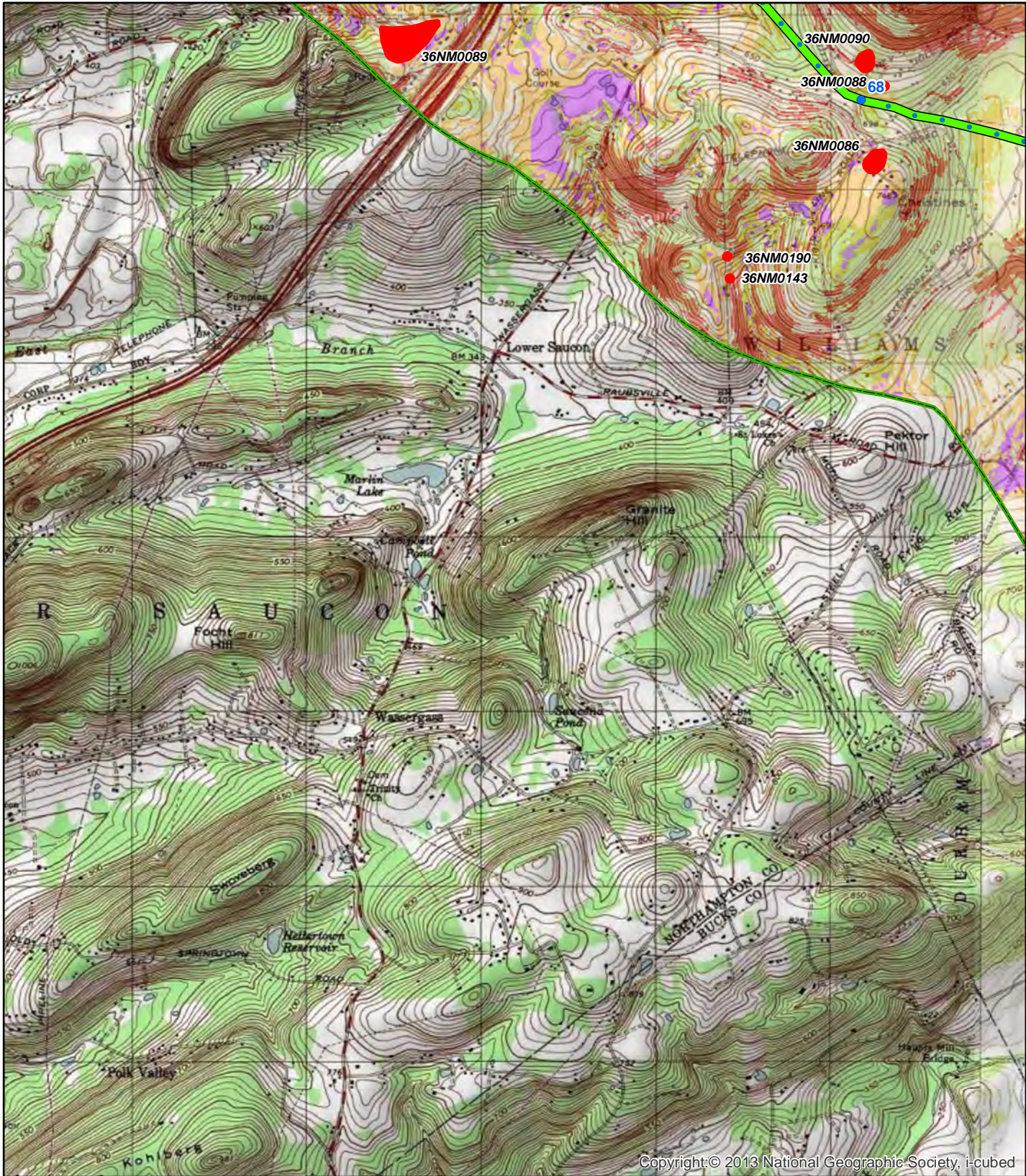
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 PennEast Pipeline	 Low Sensitivity	 Steep Slope (> 15%)	
 1-Mile Study Area	 Moderate Sensitivity	 Known Archaeological Site	

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Nazareth Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 23 of 27



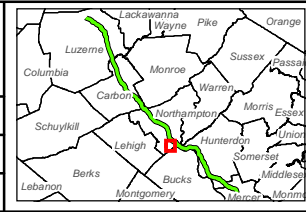
PennEast
PIPELINE

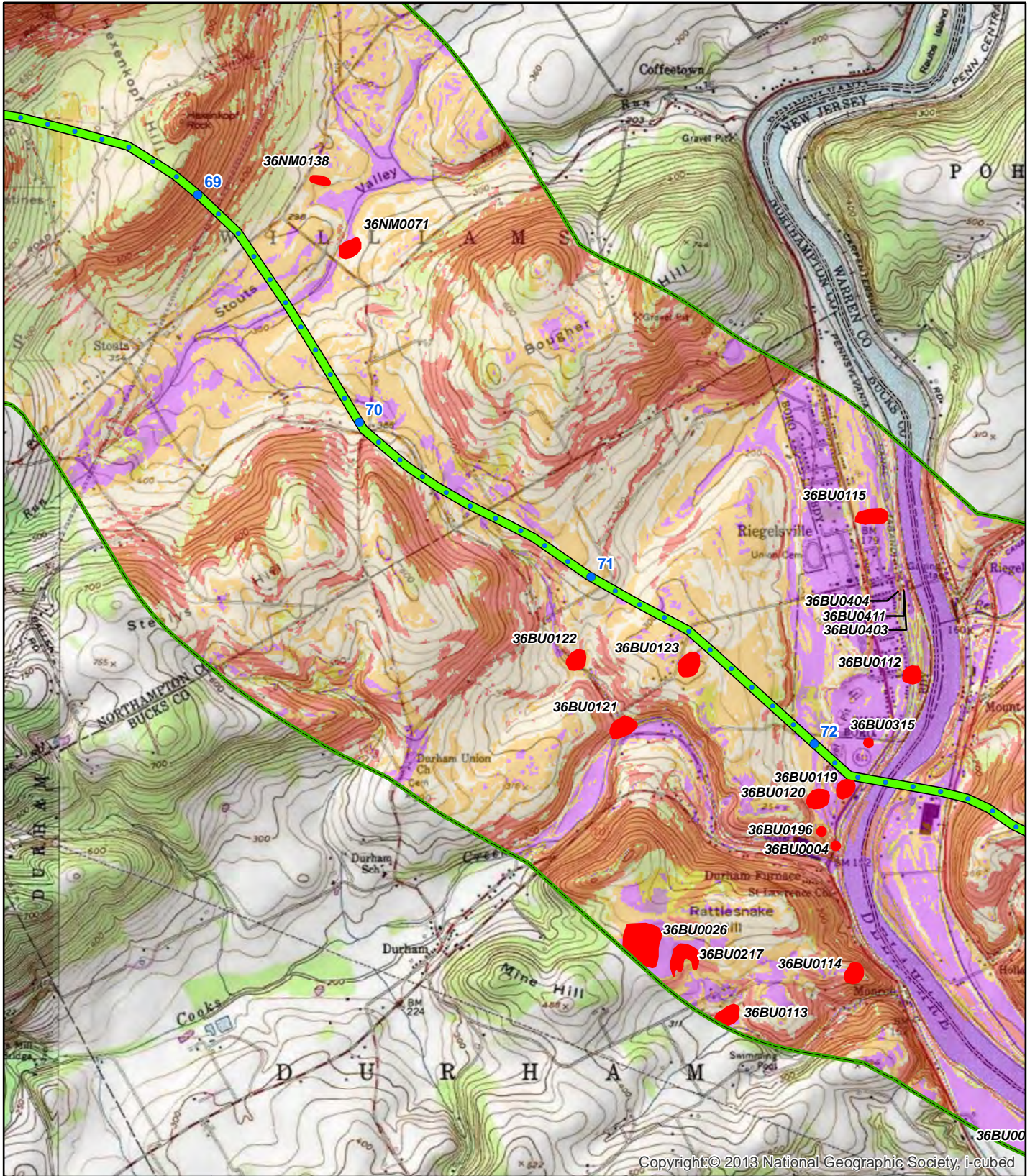
PennEast Pipeline Company, LLC



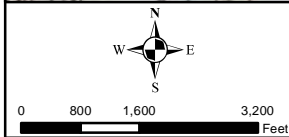
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PennEast Pipeline	Low Sensitivity	Steep Slope (> 15%)
1-Mile Study Area	Moderate Sensitivity	Known Archaeological Site
		State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Hellertown Quadrangle		REV.:	
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DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 24 of 27



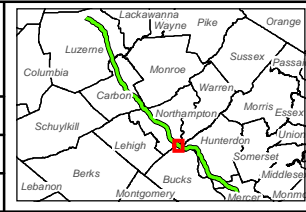


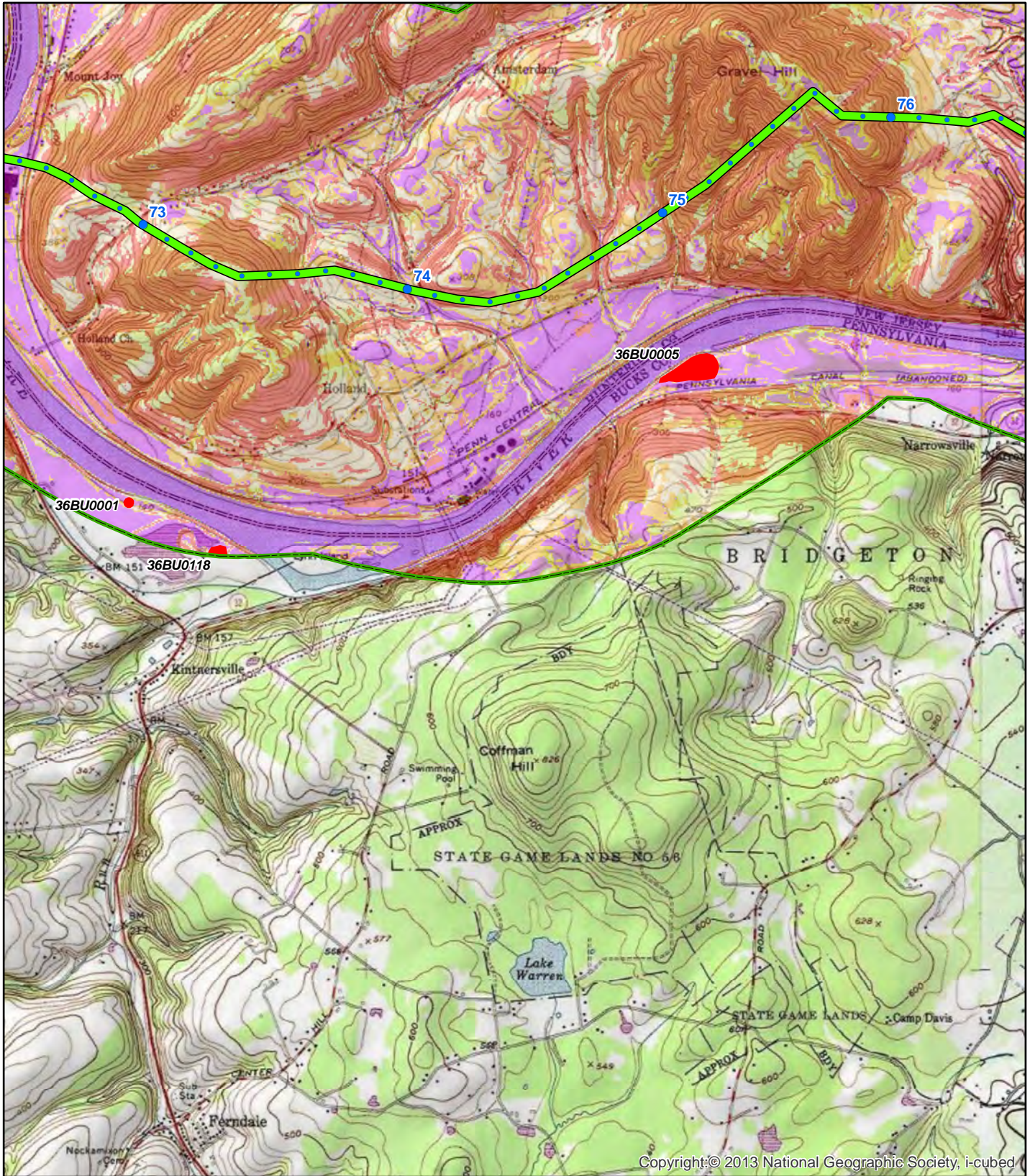
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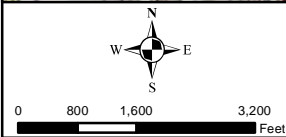
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PennEast Pipeline	Low Sensitivity	Steep Slope (> 15%)	
1-Mile Study Area	Moderate Sensitivity	Known Archaeological Site	

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Riegelsville Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 25 of 27





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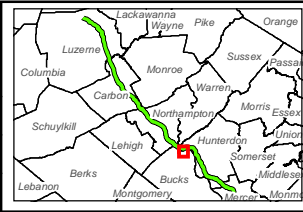
Legend

- Mile Postings
- PennEast Pipeline
- 1-Mile Study Area
- Archaeological Sensitivity Model
- Low Sensitivity
- Moderate Sensitivity
- High Sensitivity
- Steep Slope (> 15%)
- Known Archaeological Site
- State Boundary

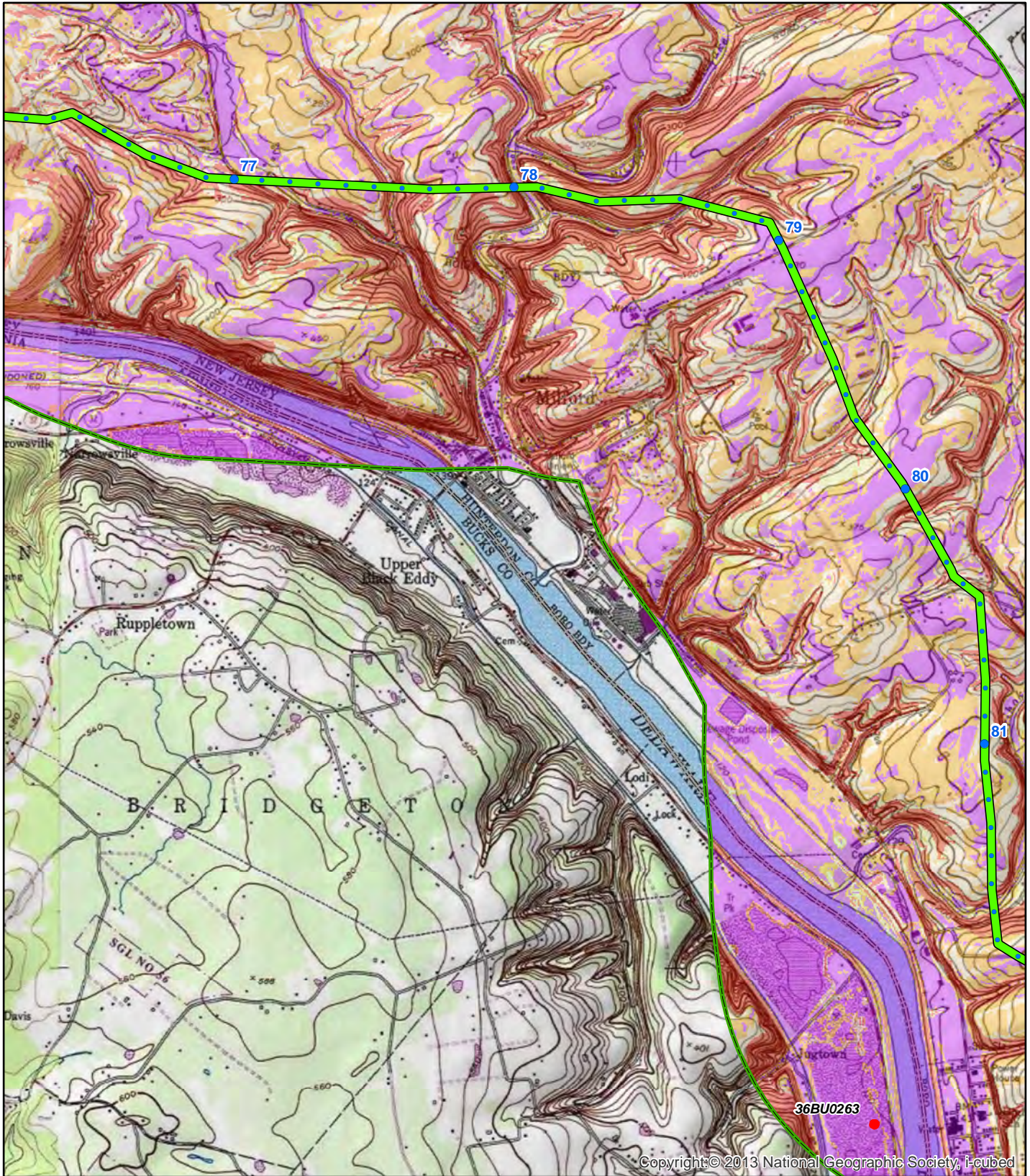
TITLE:

**PennEast Pipeline Project
Pennsylvania Archaeological Resources**

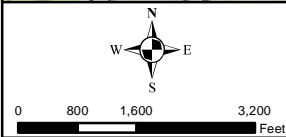
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**PennEast
PIPELINE**
PennEast Pipeline Company, LLC



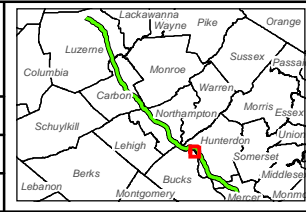
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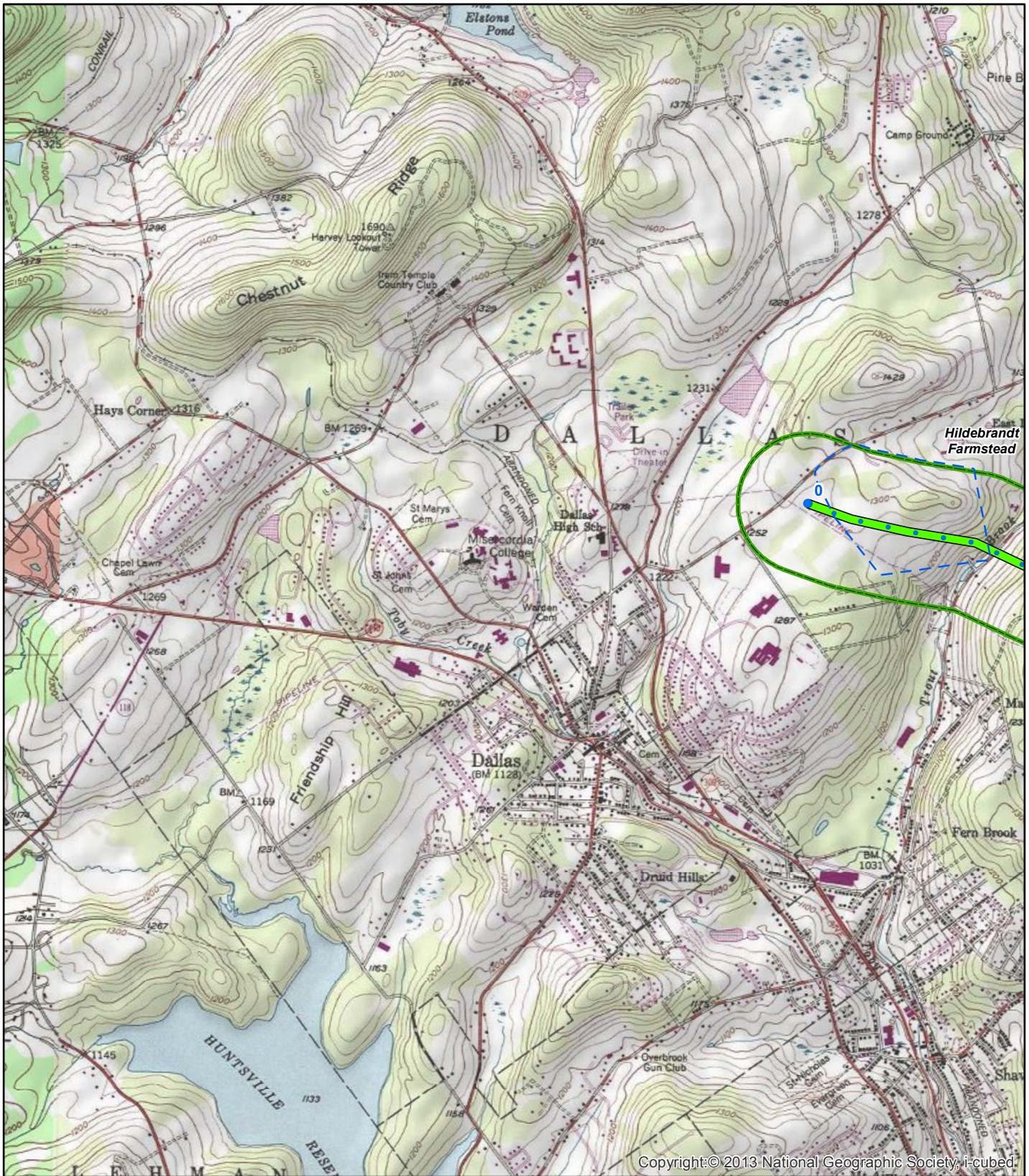
- Mile Postings
- PennEast Pipeline
- 1-Mile Study Area
- Archaeological Sensitivity Model
- Low Sensitivity
- Moderate Sensitivity
- High Sensitivity
- Steep Slope (> 15%)
- Known Archaeological Site
- State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Archaeological Resources			
LOC: USGS Frenchtown (NJ) Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/15/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 27 of 27

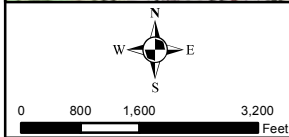




ATTACHMENT C: Project Maps with Previously Recorded Architectural Resources

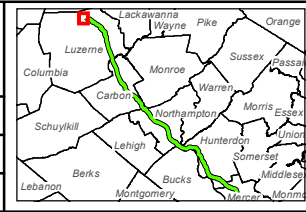


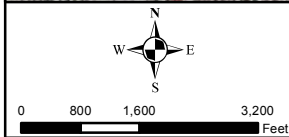
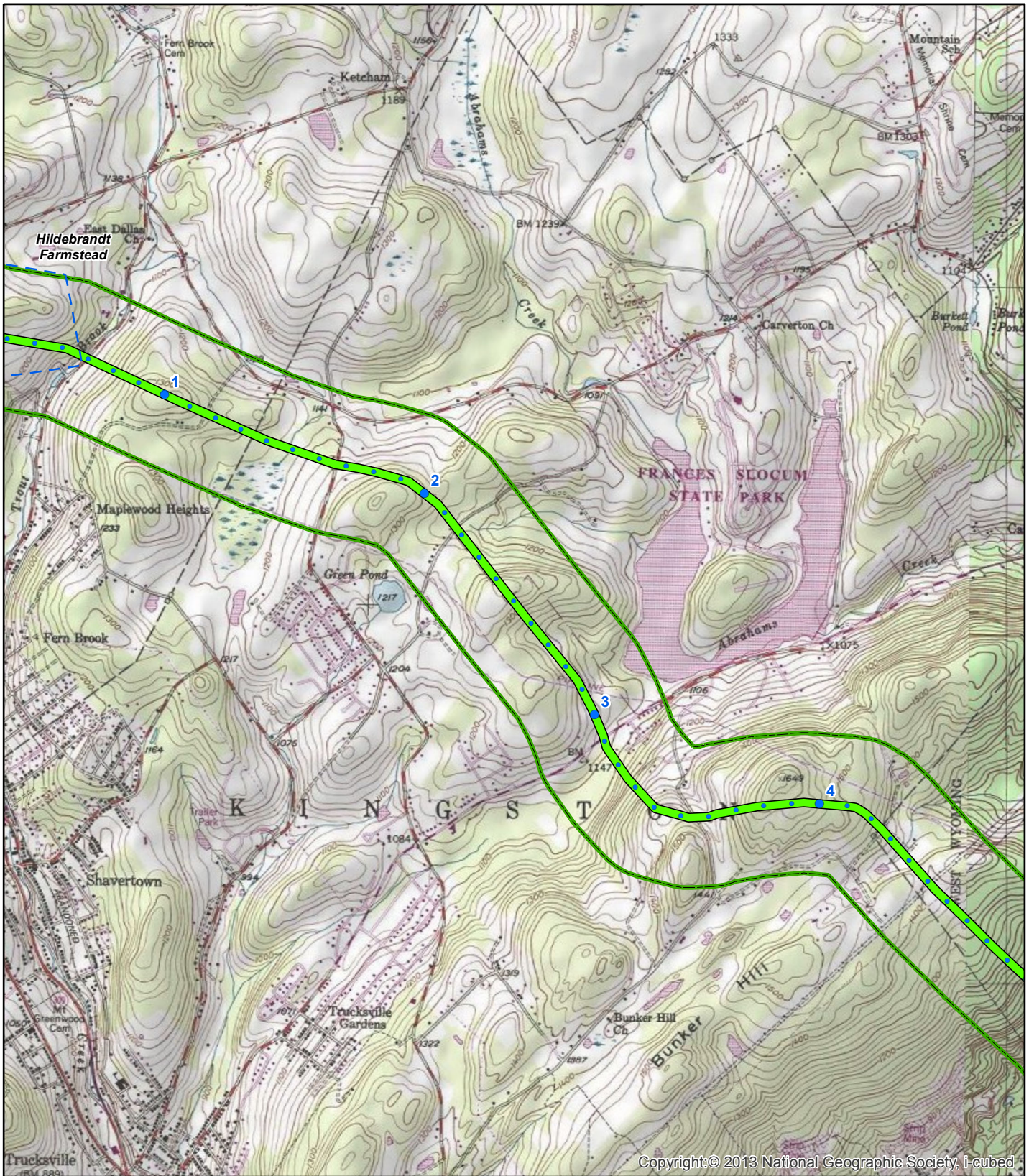
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- | | | | | |
|-----------------------|----------------------------|----------------------|--------------------------|----------------------------|
| ● Mile Postings | ■ Building (Undetermined) | ▭ Object, Listed | ⊗ Building, Not eligible | ⊞ District, Aggregate file |
| — PennEast Pipeline | ⬠ District (Undetermined) | ⊞ Building, Eligible | ⊞ Building, Undetermined | ⊞ District, Undetermined |
| ○ 1/4 Mile Study Area | ▲ Structure (Undetermined) | ⊞ Building, Listed | ⊞ District, Eligible | ⊞ State Boundary |

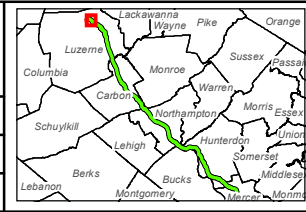
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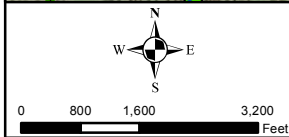
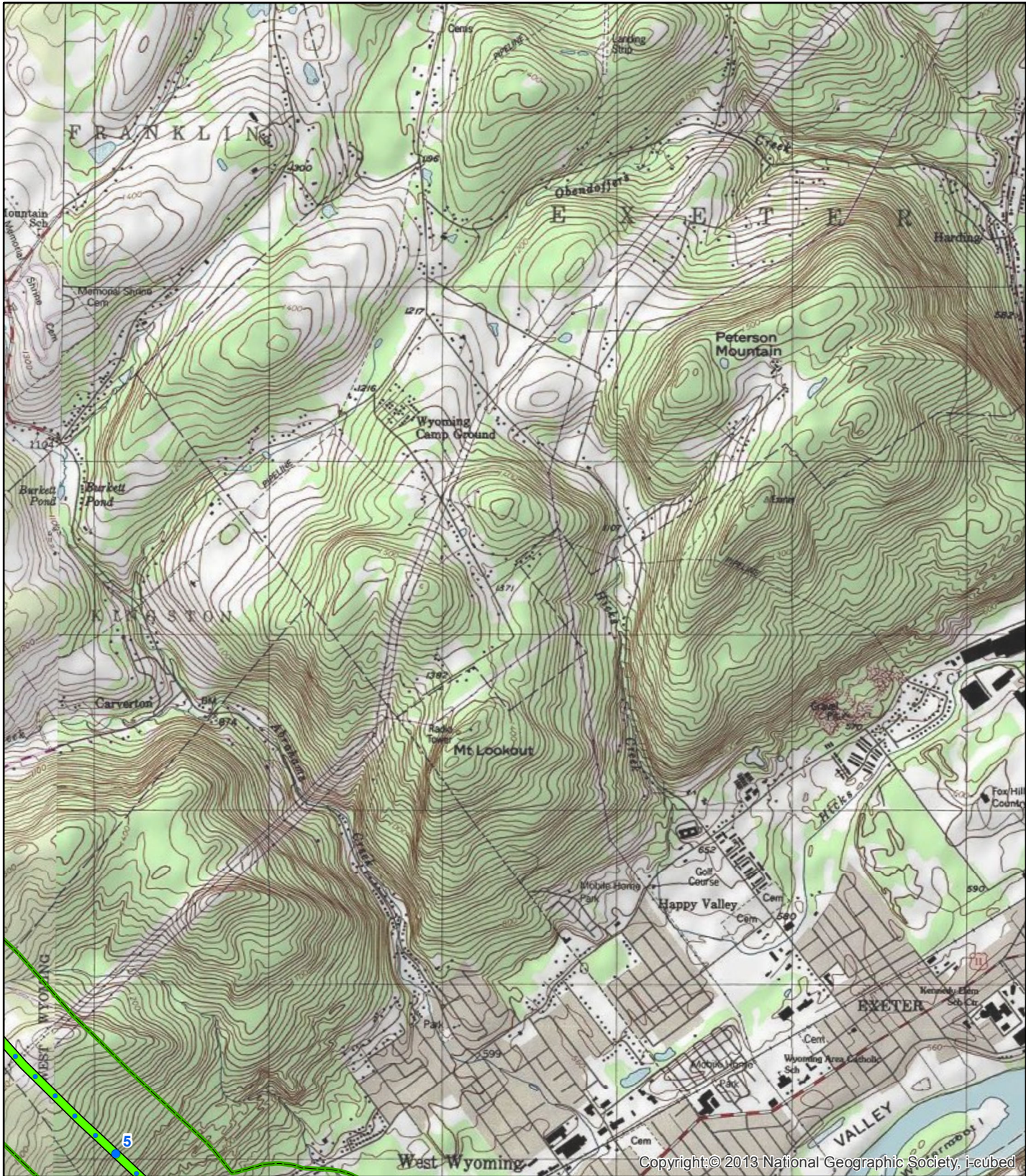
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■ PennEast Pipeline	■ District (Undetermined)	■ Building, Eligible	■ Building, Undetermined	■ District, Undetermined
■ 1/4 Mile Study Area	■ Structure (Undetermined)	■ Building, Listed	■ District, Eligible	■ State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Cultural and Historical Resources			
LOC: USGS Kingston Quadrangle		REV.:	
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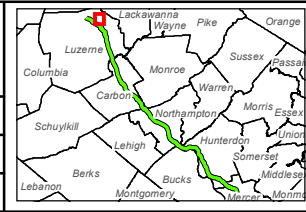
PennEast
PIPELINE

PennEast Pipeline Company, LLC



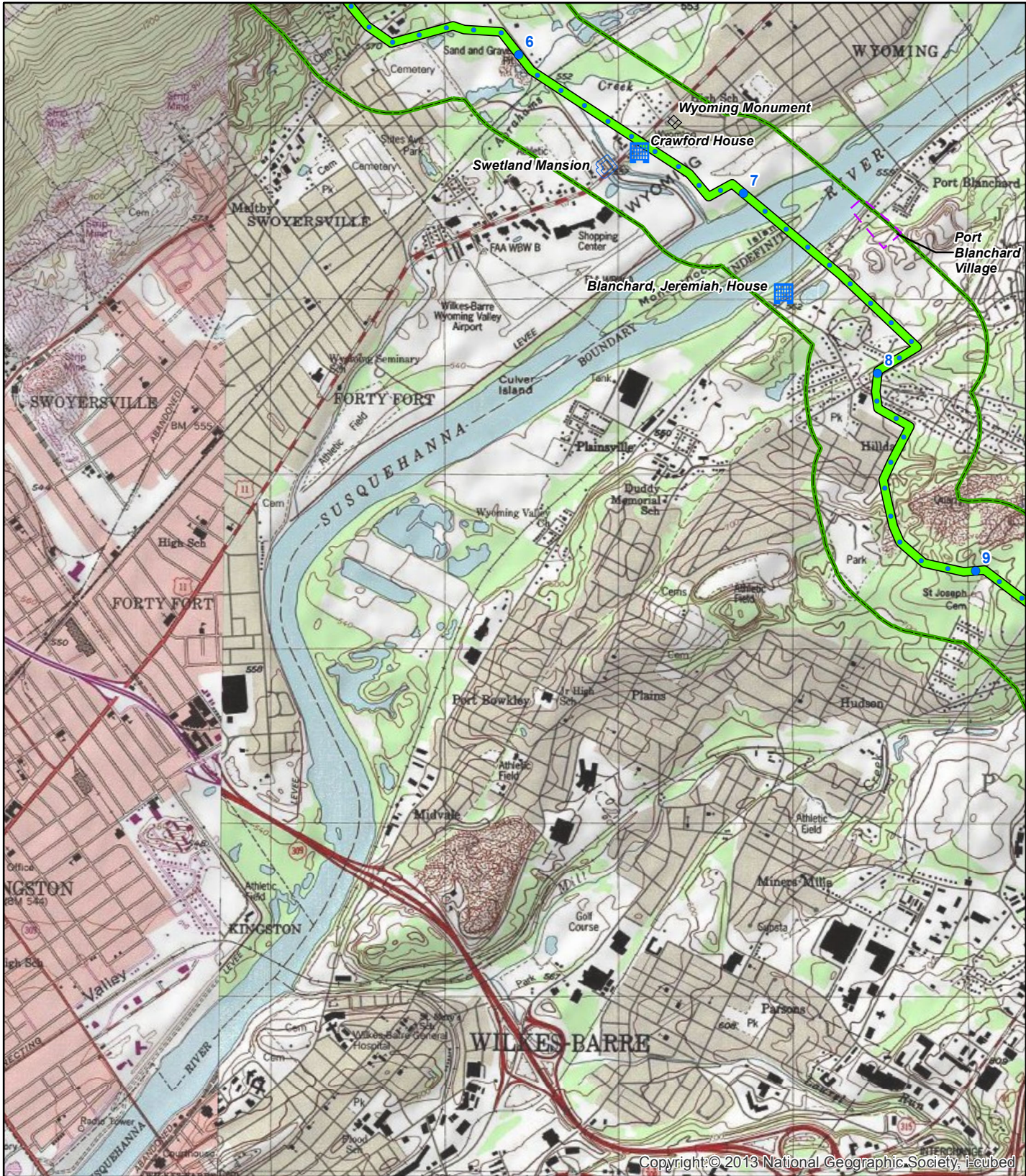
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■ PennEast Pipeline	■ District (Undetermined)	■ Building, Eligible	■ Building, Undetermined	■ District, Undetermined
○ 1/4 Mile Study Area	■ Structure (Undetermined)	■ Building, Listed	■ District, Eligible	■ State Boundary

TITLE: PennEast Pipeline Project Pennsylvania Cultural and Historical Resources			
LOC: USGS Pittston Quadrangle		REV.:	
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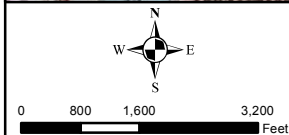


PennEast
PIPELINE

PennEast Pipeline Company, LLC

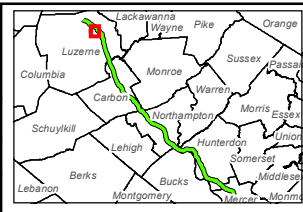


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|-----------------------|----------------------------|----------------------|--------------------------|----------------------------|
| ● Mile Postings | ■ Building (Undetermined) | ▭ Object, Listed | ⊗ Building, Not eligible | ⊞ District, Aggregate file |
| — PennEast Pipeline | ⬢ District (Undetermined) | ⊞ Building, Eligible | ⊞ Building, Undetermined | ⊞ District, Undetermined |
| ⬢ 1/4 Mile Study Area | ▲ Structure (Undetermined) | ⊞ Building, Listed | ⊞ District, Eligible | ⊞ State Boundary |

TITLE: PennEast Pipeline Project Pennsylvania Cultural and Historical Resources			
LOC: USGS Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 8/18/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 4 of 27



PennEast
PIPELINE

PennEast Pipeline Company, LLC



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

September 10, 2014

URS Corporation
Attn: Andrew Wyatt, Senior Archaeologist
4507 North Front Street, Suite 200
Harrisburg, PA 17110

RE: ER# 2014-1767-042-A
FERC: Cultural Resources Scoping
Document for the Proposed PennEast
Pipeline Project, Bucks, Carbon, Luzerne
& Northampton Counties

Dear Mr. Wyatt:

The Bureau for Historic Preservation (the State Historic Preservation Office) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. Our comments are as follows:

Thank you for providing this proposed plan to identify both above-ground and below-ground cultural resources which may be affected by the proposed PennEast Pipeline Project. We concur with the proposed methodology for field survey to identify these resources. We also concur with the proposed Unanticipated Discovery Plan for this project.

We look forward to reviewing the results of the cultural resources investigations to be carried out for this project. If you have any questions or comments concerning our review for above-ground resources, please contact Barbara Frederick at (717) 772-0921. If you have any questions or comments concerning our review for below-ground resources, please contact Mark Shaffer at (717) 783-9900.

Sincerely,

Douglas C. McLearn, Chief
Division of Archaeology and Protection



Pennsylvania Historical & Museum Commission

Tom Corbett, Governor • Andrew L. Masch, Chairman • James M. Vaughan, Executive Director



October 25, 2014

Mr. Douglas McLearn, Chief
 Division of Archaeology and Protection
 Pennsylvania Historical and Museum Commission
 Bureau for Historic Preservation
 Commonwealth Keystone Building, 2nd Floor
 400 North Street
 Harrisburg, PA 17120-0093

**Re: ER# 2014-1767-042
 Updated PennEast Pipeline Alignment
 PennEast Pipeline Company, LLC - PennEast Pipeline Project
 Luzerne, Carbon, Northampton, and Buck Counties, Pennsylvania.**

Dear Mr. McLearn:

On behalf of the PennEast Pipeline Company, LLC (PennEast), URS is notifying the Pennsylvania Historical and Museum Commission’s (PHMC) of the most recent route of the proposed PennEast Pipeline Project. The current preferred alternative has been shifted three to four miles northeast between Mileposts 11.0 and 35.0 in Luzerne and Carbon Counties (Attachment 1). Our methodology for identifying archaeological sites and above-ground cultural resources approved by the PHMC in a letter dated September 10, 2014 has not changed. Using data from the Cultural Resources Geographic Information System, Table 1 lists previously recorded archaeological sites within the 400-foot study corridor centered on the new preferred alternative route and Table 2 lists previously recorded above-ground cultural resources within the 400-foot study corridor centered on the new preferred alternative route.

A total of eight archaeological sites and 17 above-ground resources are mapped within the respective study corridors.

Table 1: Previously Recorded Archaeological Sites within the Study Corridor

Site ID	Type	Temporal Component	Setting	NRHP Status	Milepost
36LU0111	Surface Scatter	Prehistoric: No data	Stream Bench	No data	MP 22.4
36NM0157	Lithic Reduction	Prehistoric Woodland	Hillslope	Undetermined	MP 65.3
36NM0180	Domestic	Historic: 19 th c.	Hilltop	Undetermined	MP 66.3
36NM0291	Open Habitation	Prehistoric: Middle Archaic through Early Woodland	Floodplain	Undetermined	MP 68.0
36NM0075	Open Habitation	Prehistoric: No data	Hillslope	Undetermined	MP 68.4
36NM0076	Open Habitation	Prehistoric: Late and Terminal Archaic	Hillslope	Undetermined	MP 69.2
36BU0123	No data	Prehistoric: No data	Hilltop	Undetermined	MP 73.7
36BU0119	No data	Prehistoric: No data	Terrace	Undetermined	MP 74.4

Table 2: Previously Recorded Above-Ground Cultural Resources within the Study Corridor

BHP Key #	Resource Name	County	Milepost	NRHP Status and Date
156670	Hildebrandt Farmstead	Luzerne	0.1	Undetermined
156166	Delaware, Lackawanna, and Western RR	Luzerne	6.0	Undetermined
097158	Jeremiah Blanchard House	Luzerne	7.3	Undetermined
155754	Central Railroad of New Jersey	Luzerne	9.5	Undetermined
156109	Lehigh Valley Railroad	Luzerne	11.3	Undetermined
144291	Appalachian Trail	Carbon	50.4	Eligible: 4/11/2008
156534	Lehigh and New England Railroad	Northampton	51.5	Undetermined
156601	Pennsylvania - New Jersey (PNJ) Interconnection; Wallenpaupack to Siegfried Transmission Line	Northampton	54.1	Eligible: 8/29/2011
157176	Fehnel Farm	Northampton	54.6	Eligible: 2/11/2013
096314	Koch Farm	Northampton	66.0	Undetermined
096308	Redington Steel Works Proving Grounds	Northampton	68.0	Eligible: 1/31/1990
086688	Site No. 3: Farmhouse, Barn & Outbuildings	Northampton	68.7	Eligible: 3/11/1996
086674	Limekiln	Northampton	68.8	Undetermined
143013	Christman Farm; Pichel Farm	Northampton	69	Eligible: 8/21/2006
123914	Isaac Stout House	Northampton	71.6	NRHP Listed: 8/11/2004
098081	1215 County Line	Bucks	72.8	Undetermined
001661	Delaware Division of the Pennsylvania Canal	Bucks	74.5	NHL Listed: 12/8/1976

If you have any comments or questions regarding this submittal, please feel free to contact me at (717) 635-7942 or at andrew.wyatt@urs.com.

Sincerely,

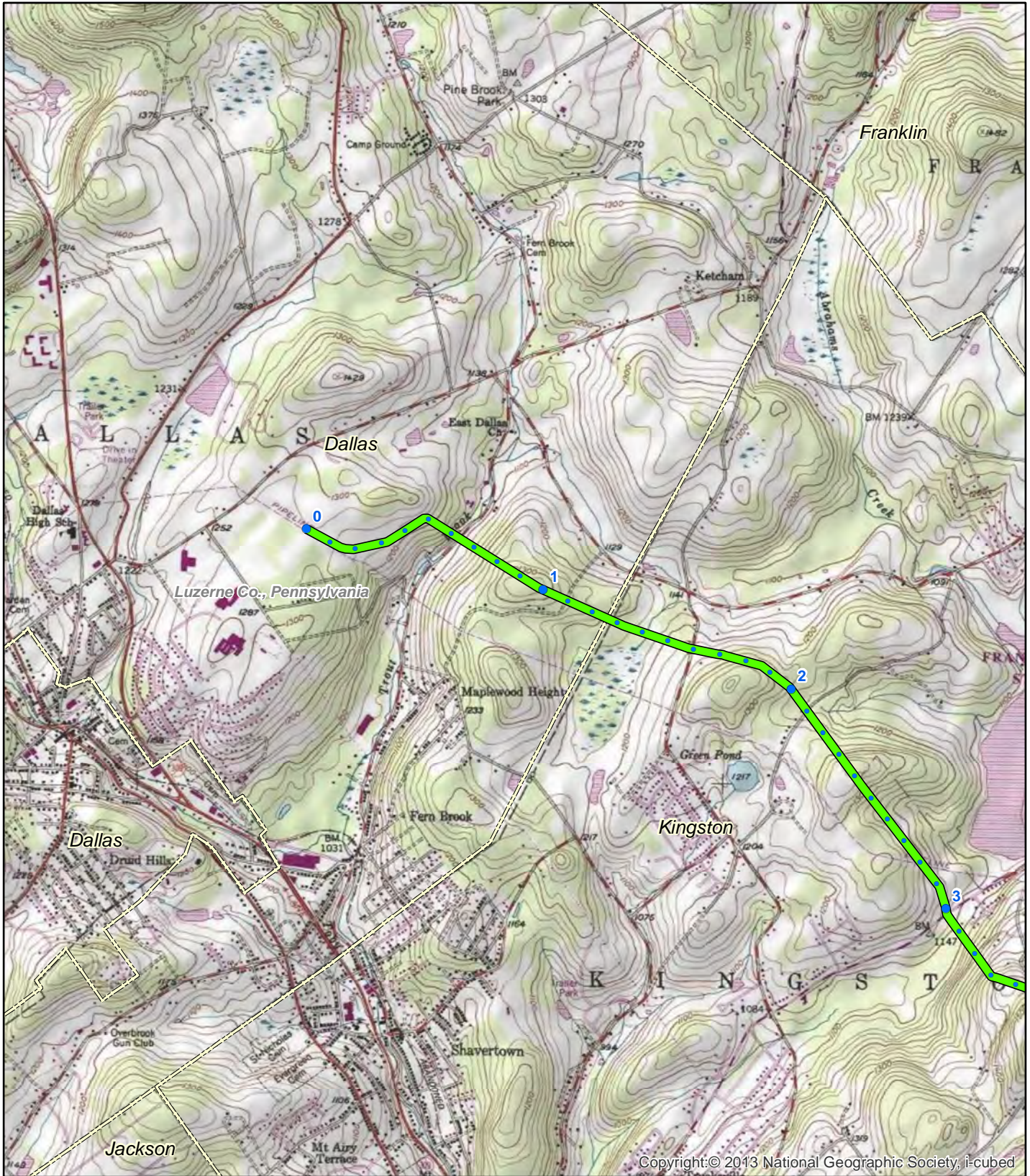


URS Corporation

Andrew Wyatt, Senior Archaeologist
 4507 North Front Street, Suite 200
 Harrisburg, PA 17110



ATTACHMENT A: USGS-based Maps of the PennEast Pipeline Project Preferred Alternative



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0 800 1,600 3,200
Feet

Legend

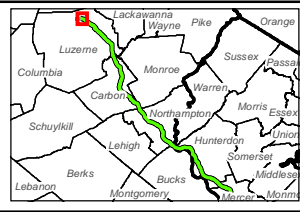
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- PennEast Pipeline
- County Boundary

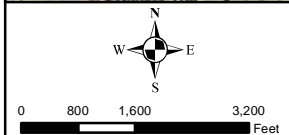
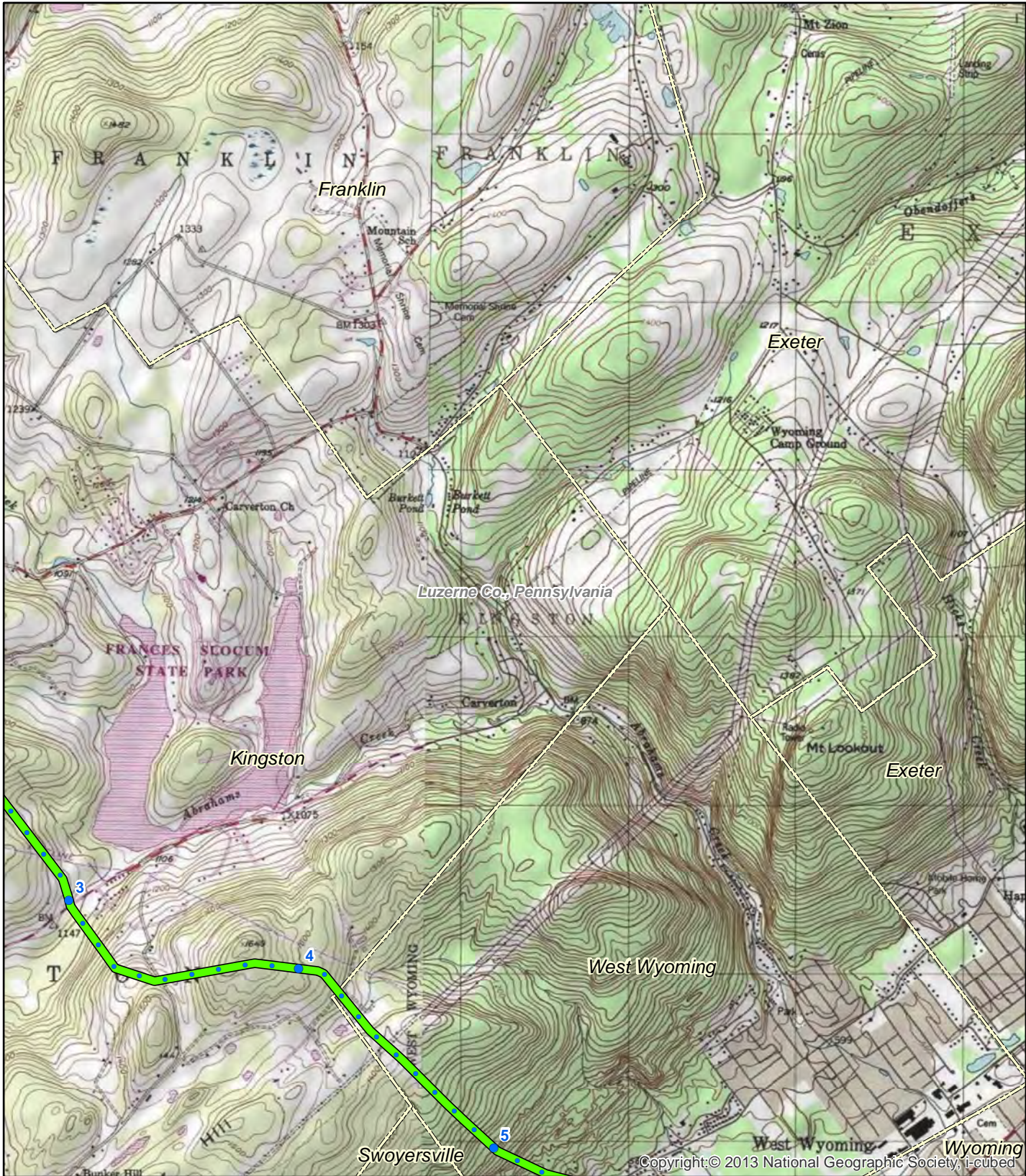
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Kingston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 1 of 33





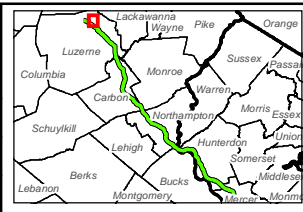
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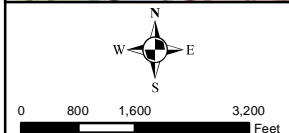
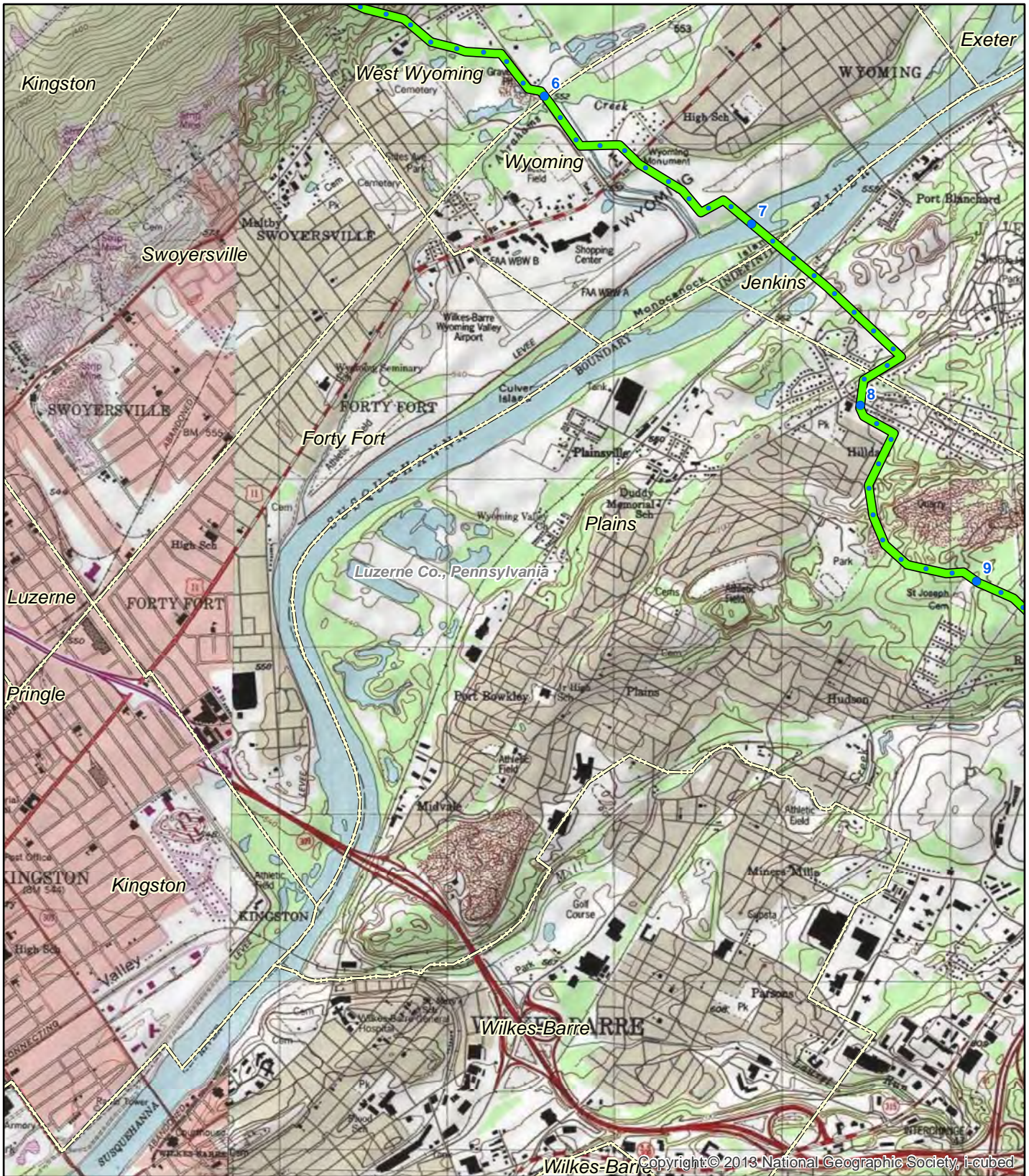
- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Kingston, Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 2 of 33





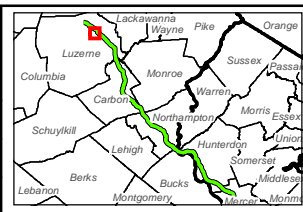
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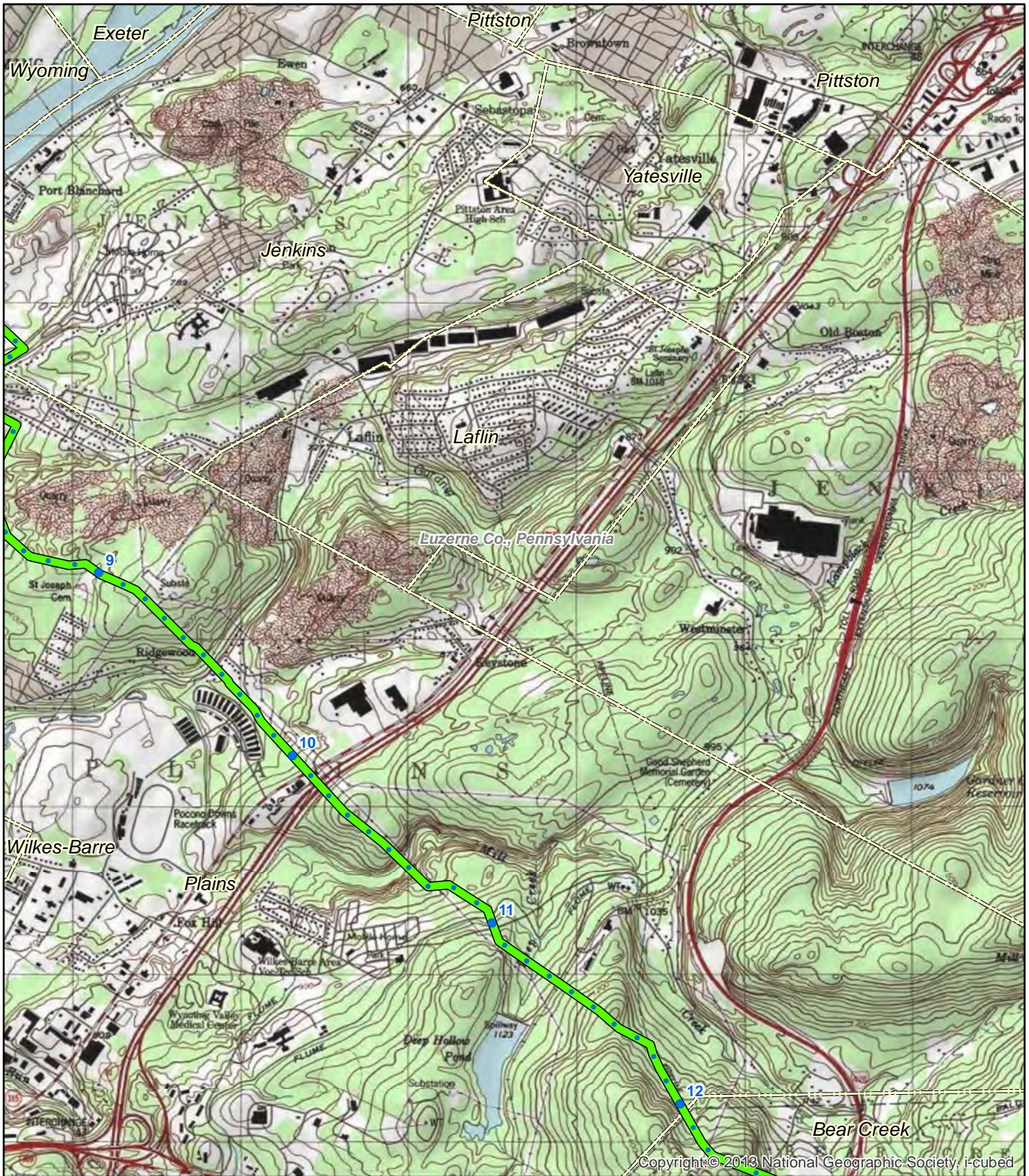
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

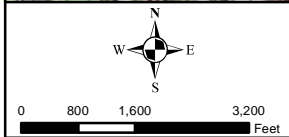
TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Kingston, Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 3 of 33





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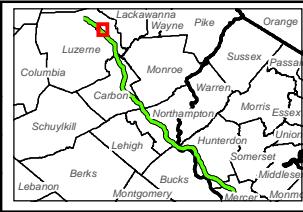


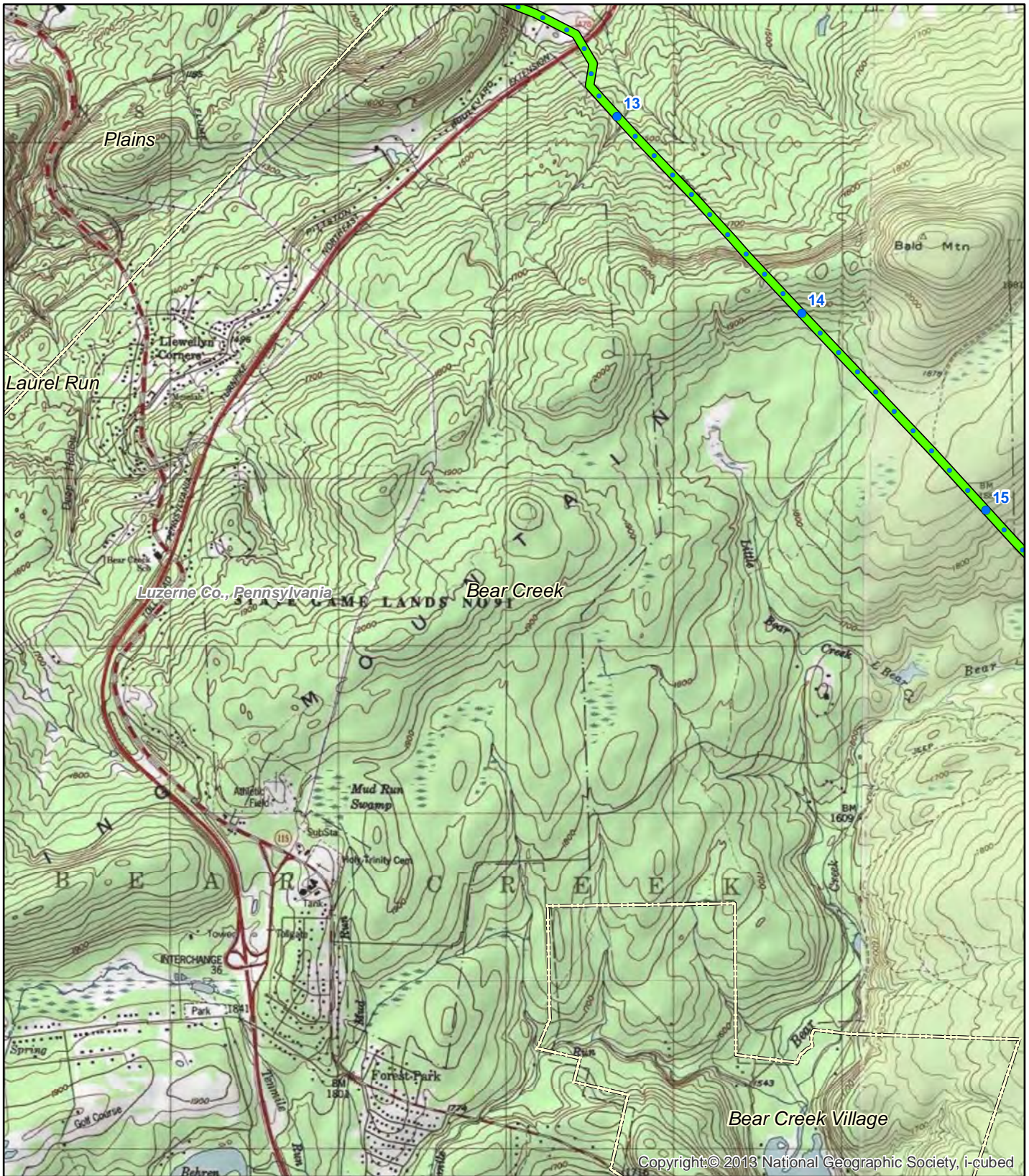
Legend

- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

<p>TITLE: PennEast Pipeline Project USGS Topographic Quadrangle Map</p>			
LOC: Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 4 of 33





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0 800 1,600 3,200
Feet

Legend

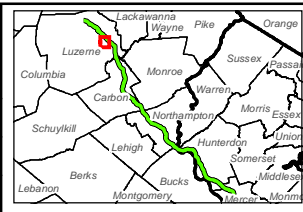
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

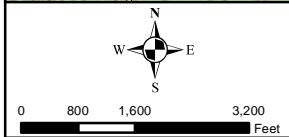
LOC: Wilkes-Barre East, Pleasant View Summit Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 5 of 33



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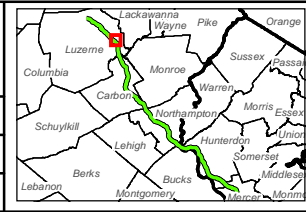


Legend

- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

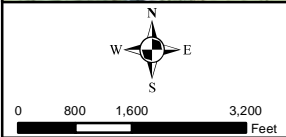
Reference: USA Topo Maps
USGS Topographic Quadrangle

PennEast Pipeline Project USGS Topographic Quadrangle Map			
LOC: Pleasant View Summit Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 6 of 33





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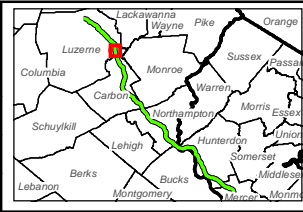
Legend

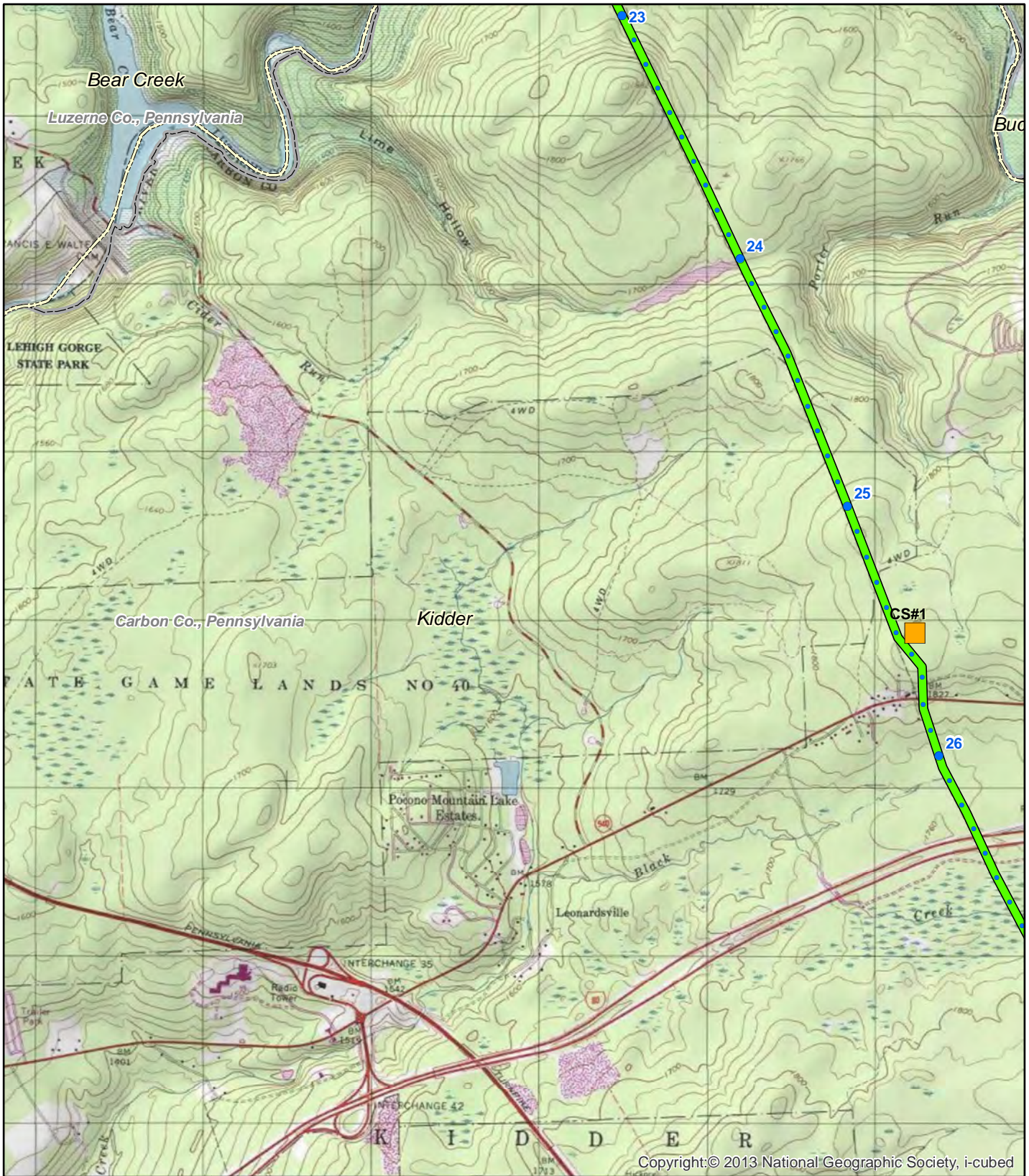
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

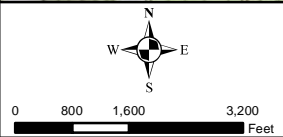
TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Pleasant View Summit Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 7 of 33





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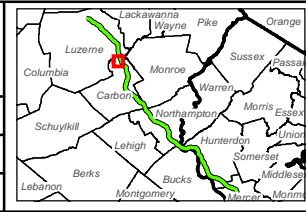


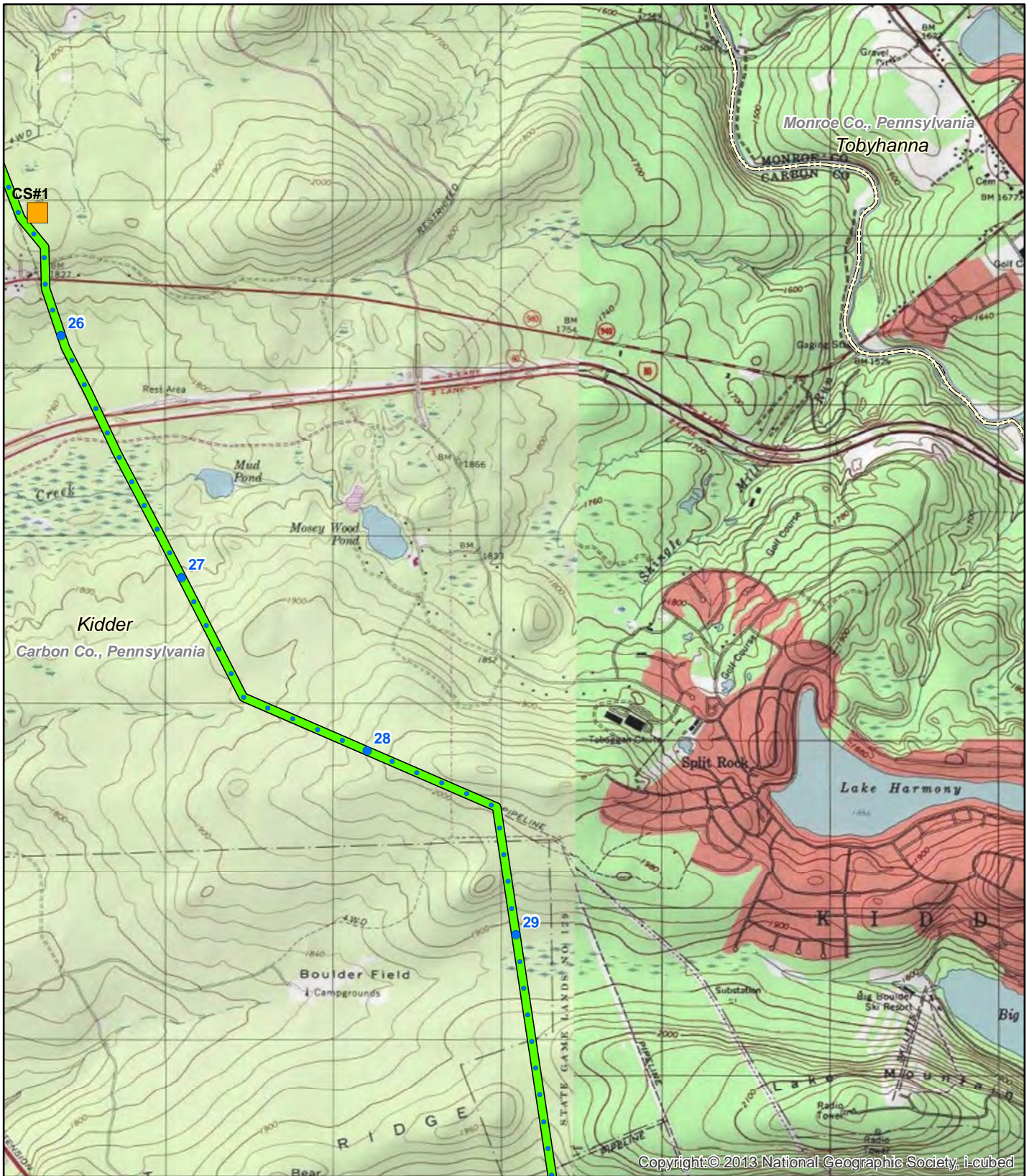
Legend

- Proposed Compressor Station Location
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

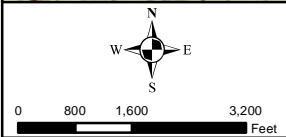
Reference: USA Topo Maps
USGS Topographic Quadrangle

<p>TITLE:</p> <p style="font-size: 1.2em;">PennEast Pipeline Project</p> <p>USGS Topographic Quadrangle Map</p>			
LOC: Hickory Run Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 8 of 33





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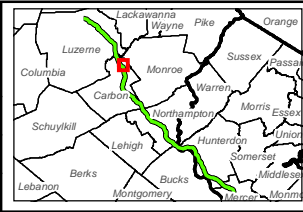


Legend

- Proposed Compressor Station Location
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

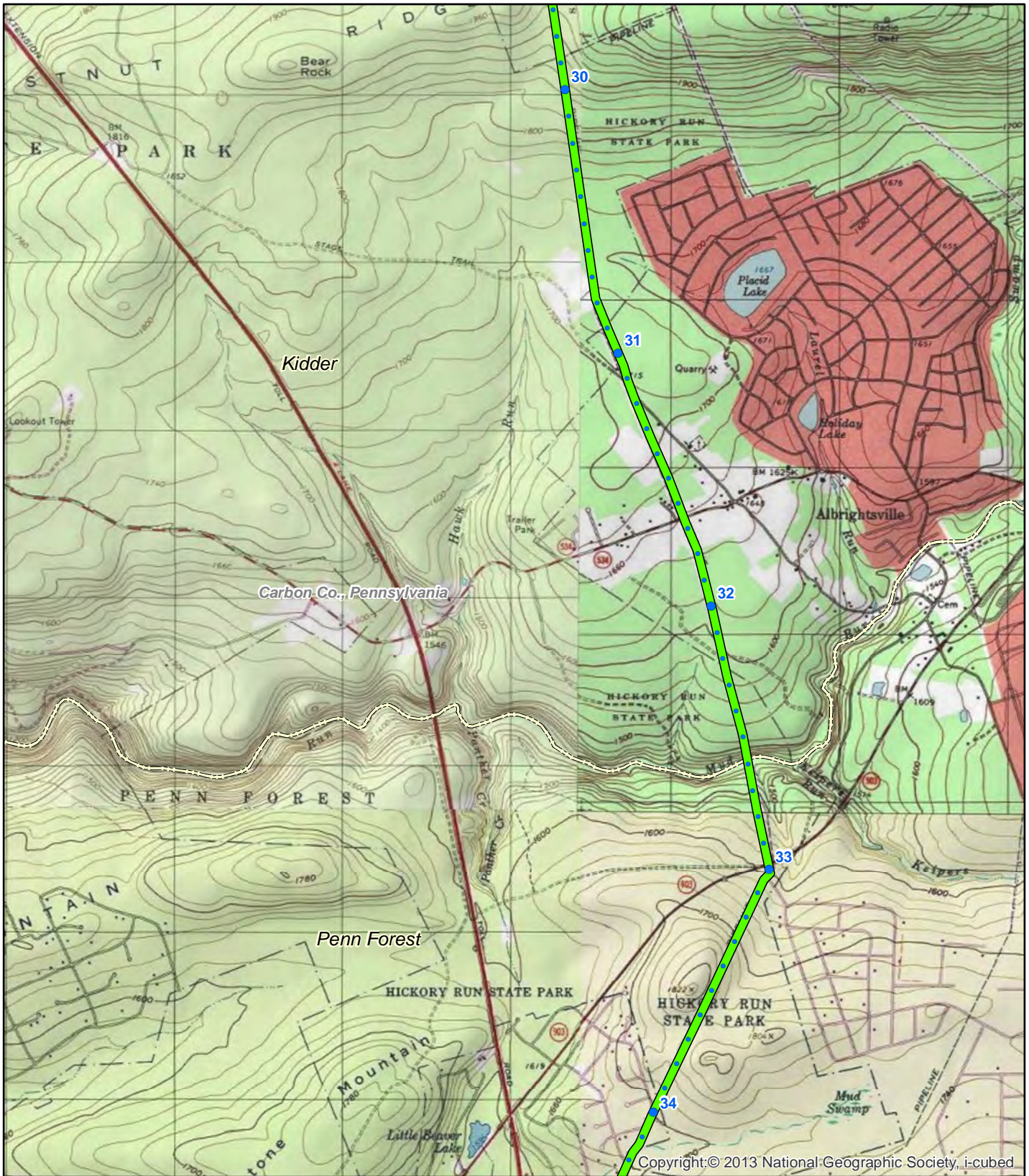
Reference: USA Topo Maps
USGS Topographic Quadrangle

<p>TITLE:</p> <p style="font-size: 1.2em;">PennEast Pipeline Project</p> <p>USGS Topographic Quadrangle Map</p>			
LOC: Hickory Run, Blakeslee Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 9 of 33



PennEast
PIPELINE

PennEast Pipeline Company, LLC



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0 800 1,600 3,200
Feet

Legend

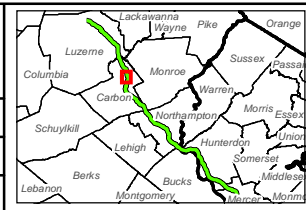
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

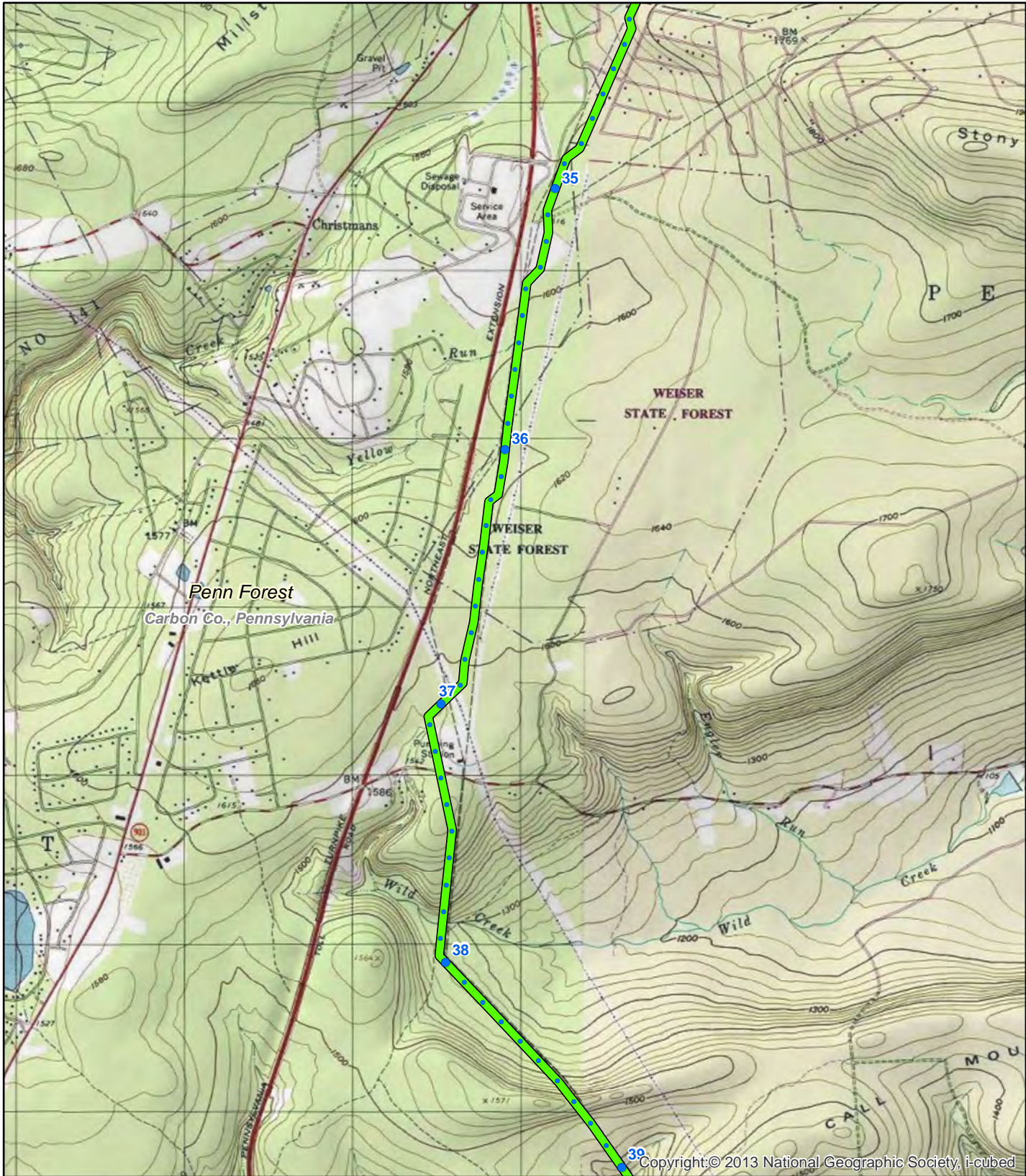
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

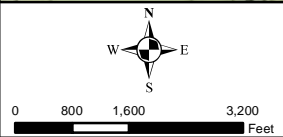
**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Hickory Run, Blakeslee, Pohopoco Mt. Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 10 of 33





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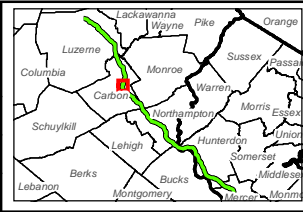
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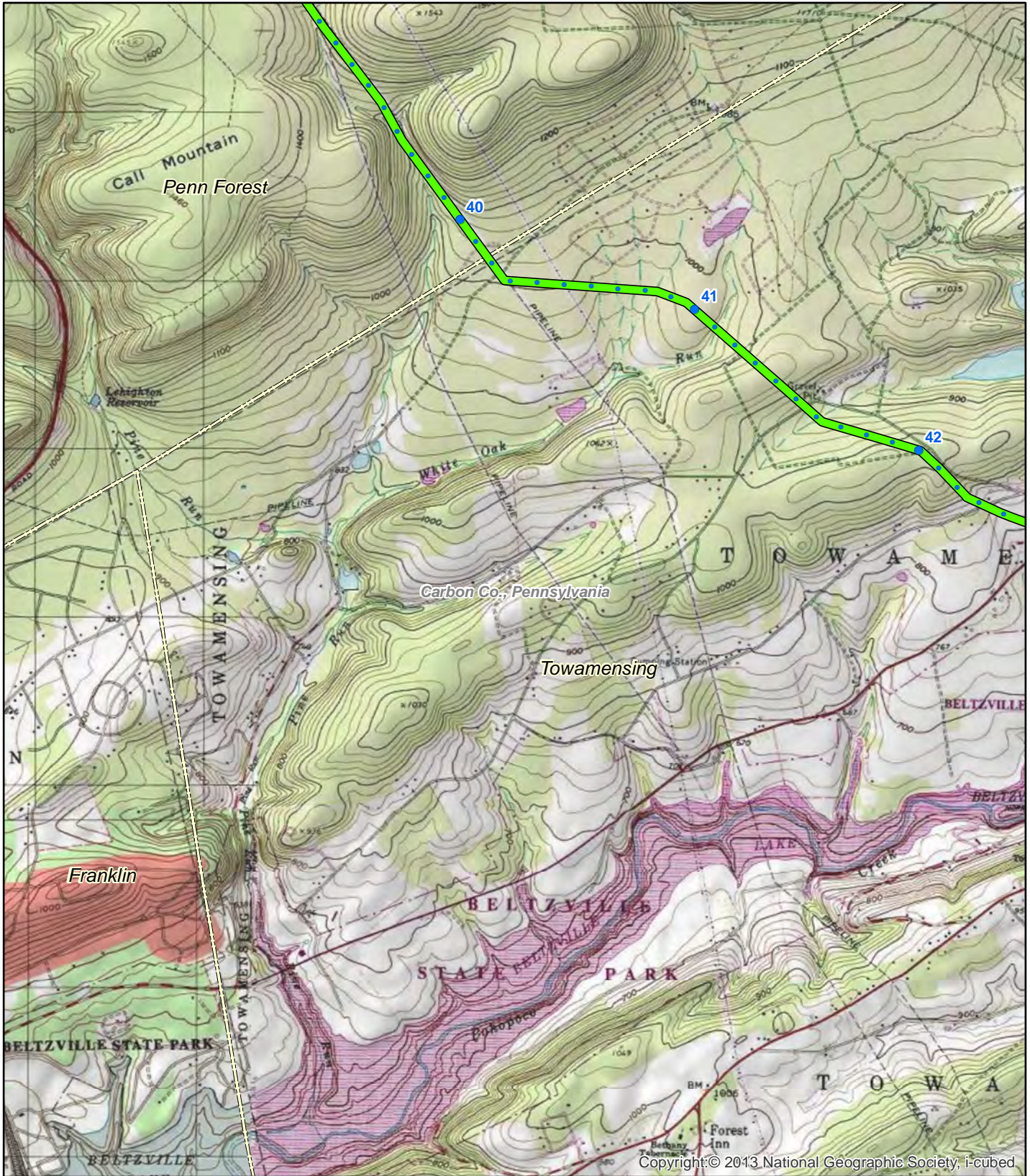
- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Christmans, Pohopoco Mt. Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 11 of 33





0 800 1,600 3,200 Feet

Legend

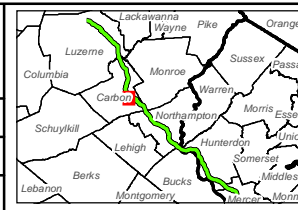
- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

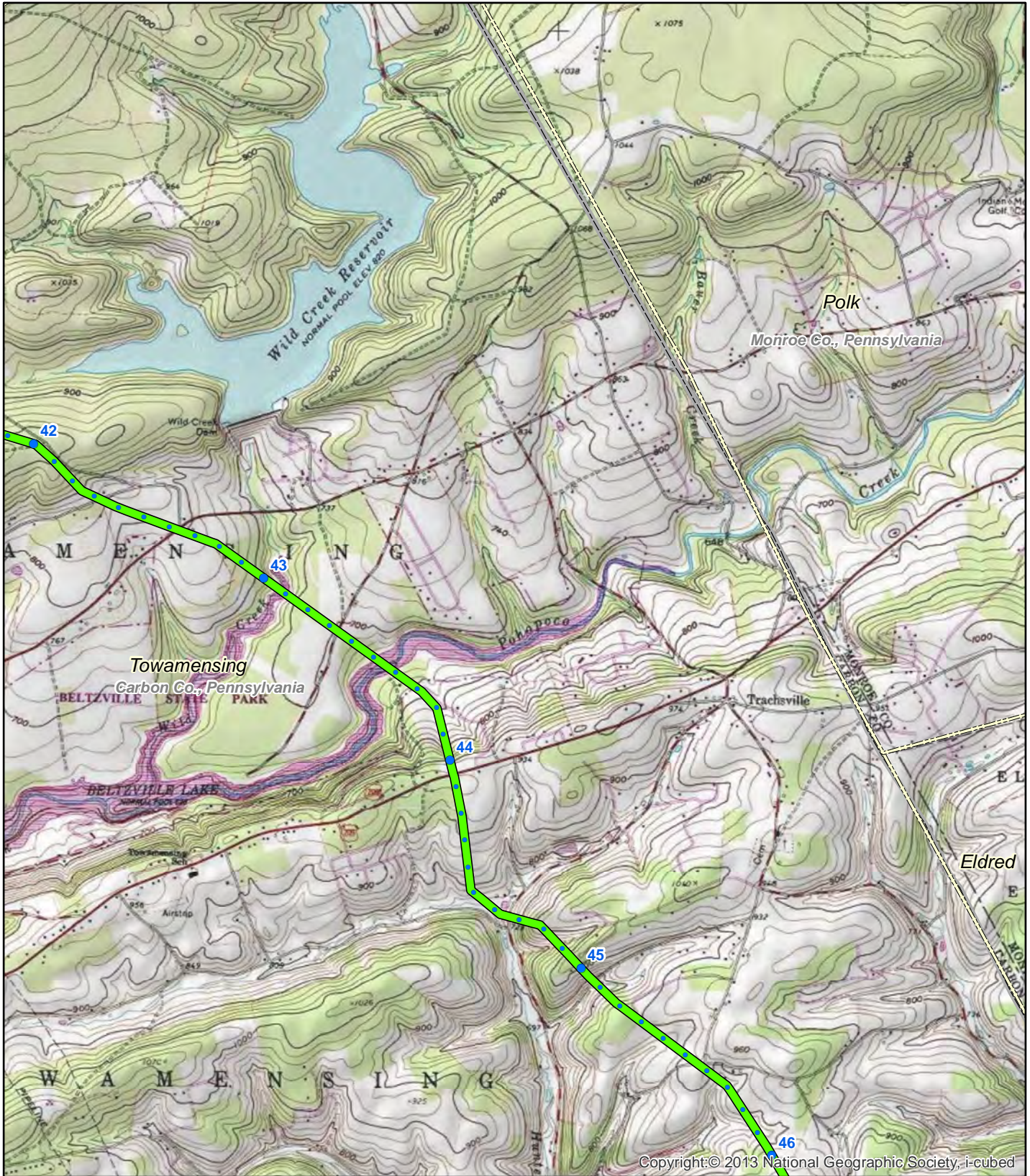
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Pohopoco Mnt., Palmerton Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 12 of 33





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0 800 1,600 3,200 Feet

Legend

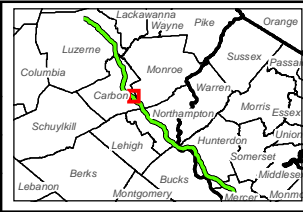
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Pohopoco Mnt., Palmerton Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 13 of 33



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0 800 1,600 3,200 Feet

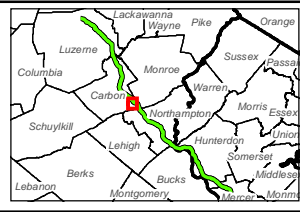
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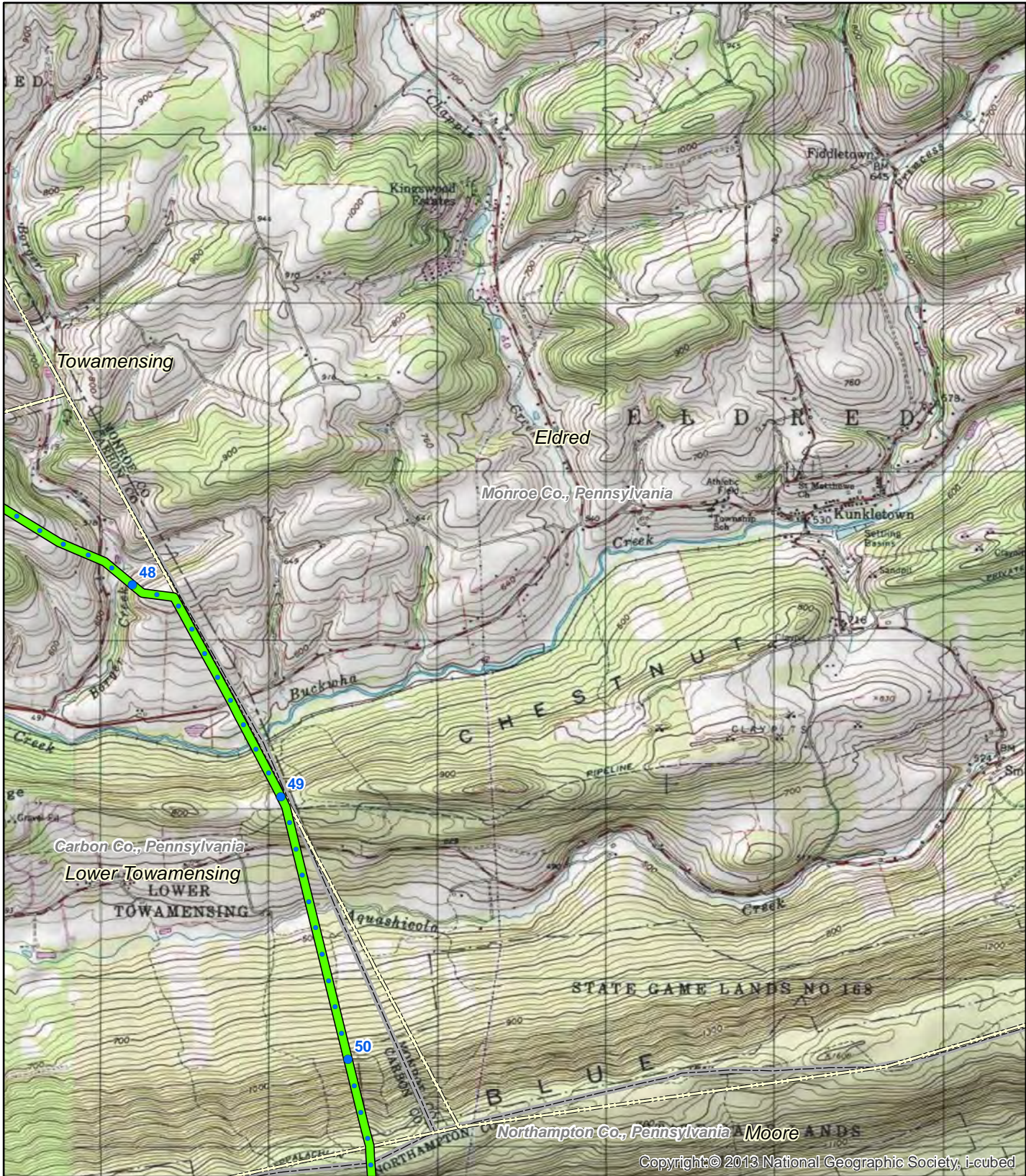
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

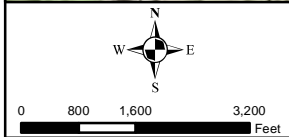
TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Palmerton Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 14 of 33





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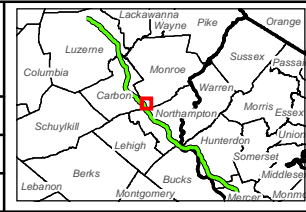


Legend

- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

<p>TITLE:</p> <p style="font-size: 1.2em;">PennEast Pipeline Project USGS Topographic Quadrangle Map</p>			
LOC: Kunkletown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 15 of 33





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0 800 1,600 3,200 Feet

Legend

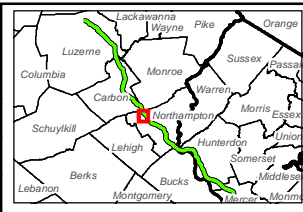
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

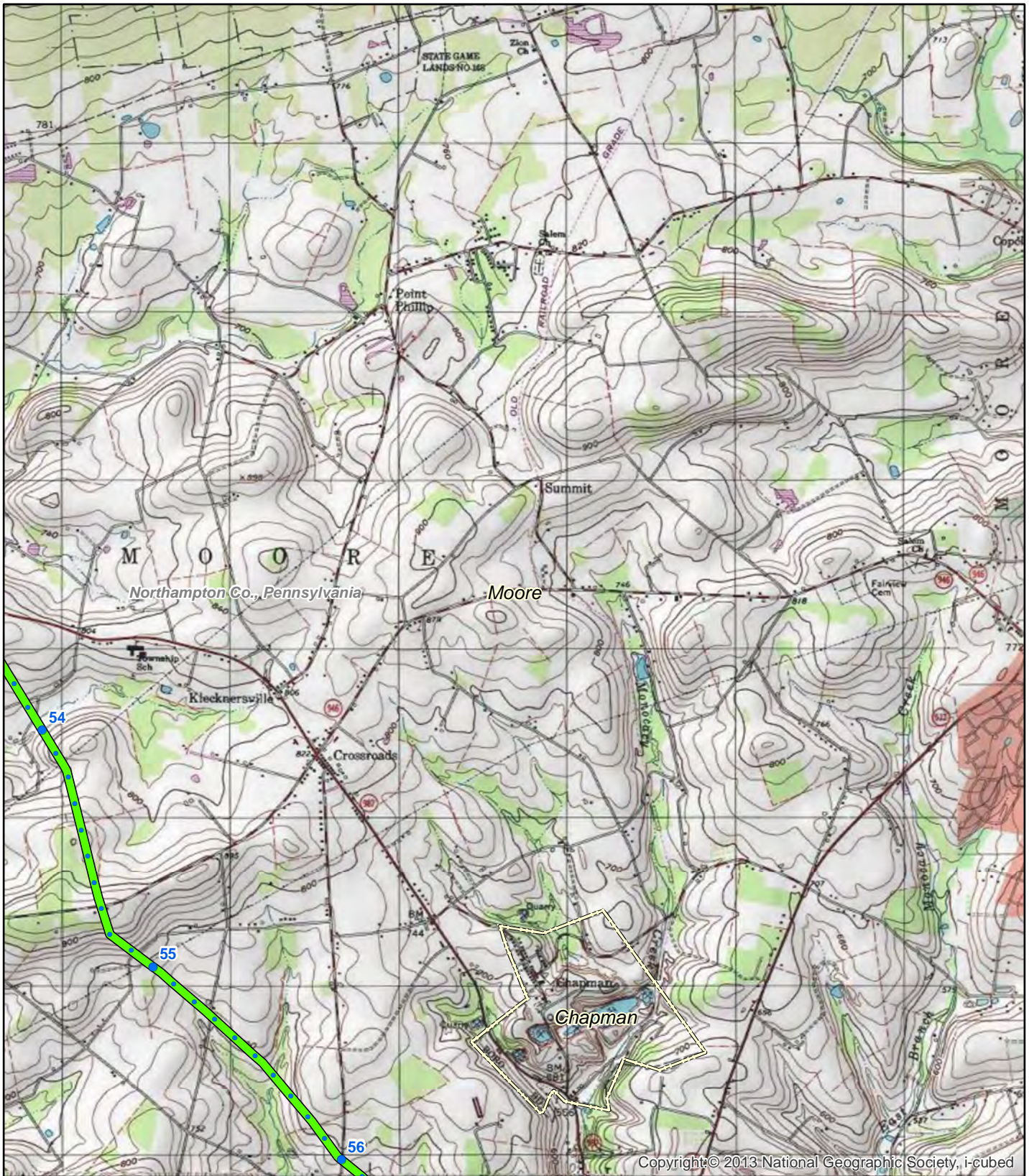
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

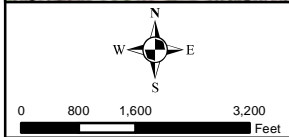
**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Kunkletown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 16 of 33





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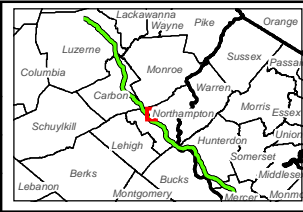
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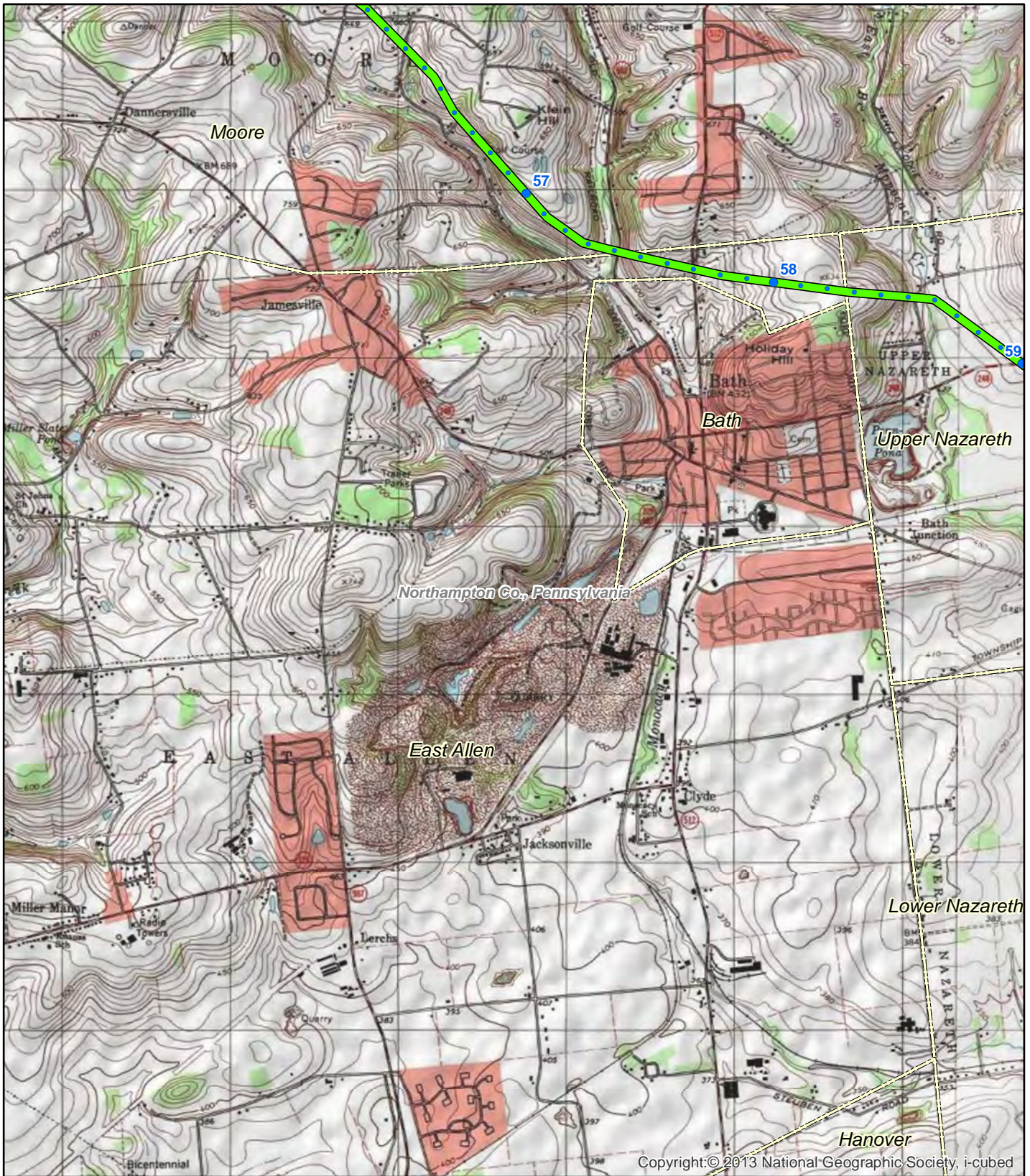
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Kunkletown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 17 of 33





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0 800 1,600 3,200 Feet

Legend

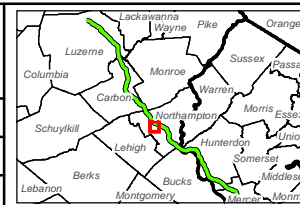
- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

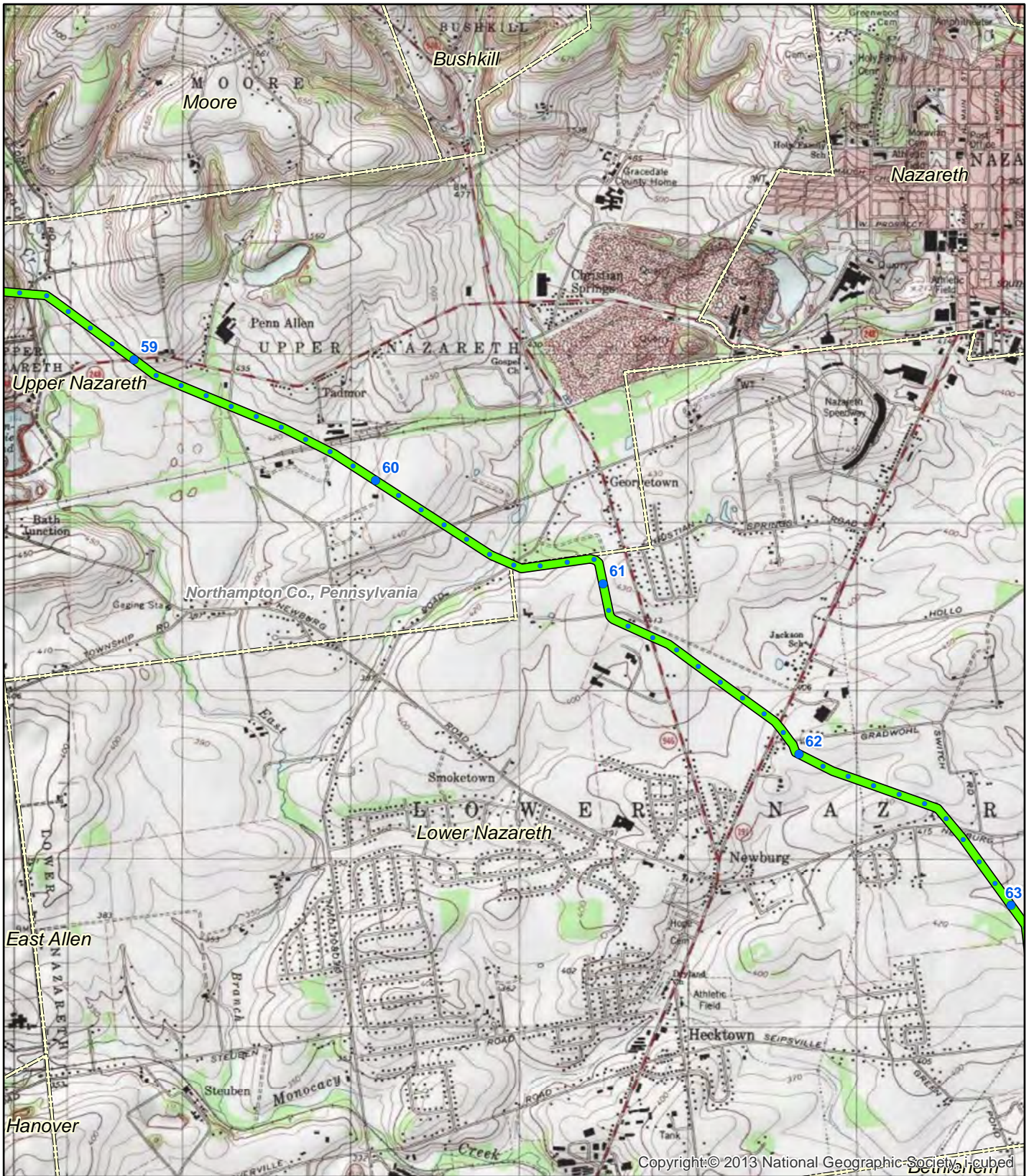
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE:

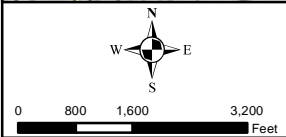
**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Catasauqua Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 18 of 33





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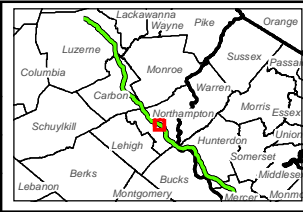


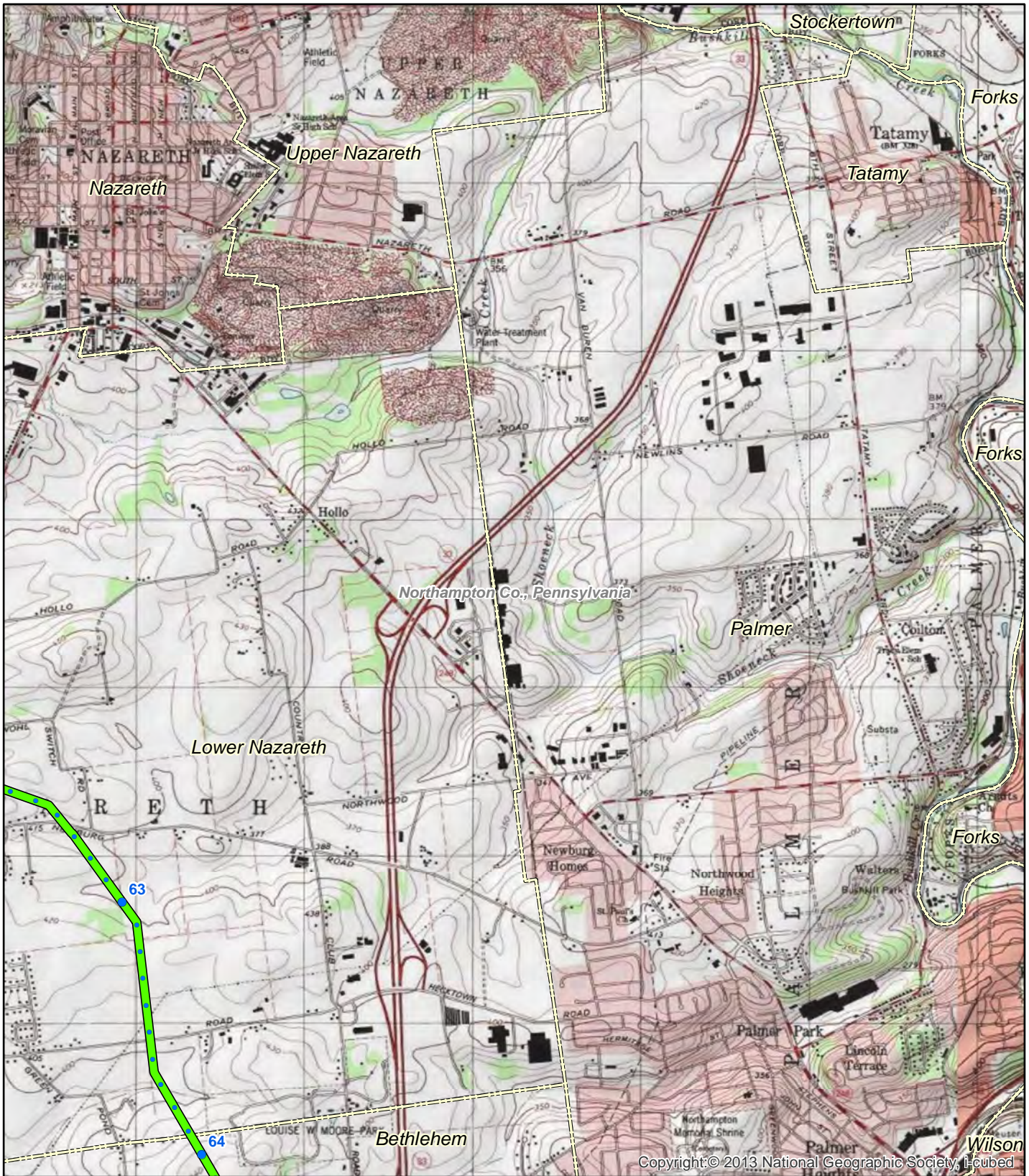
Legend

- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

TITLE: PennEast Pipeline Project
USGS Topographic Quadrangle Map

LOC: Nazareth Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 19 of 33





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0 800 1,600 3,200 Feet

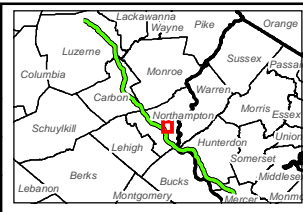
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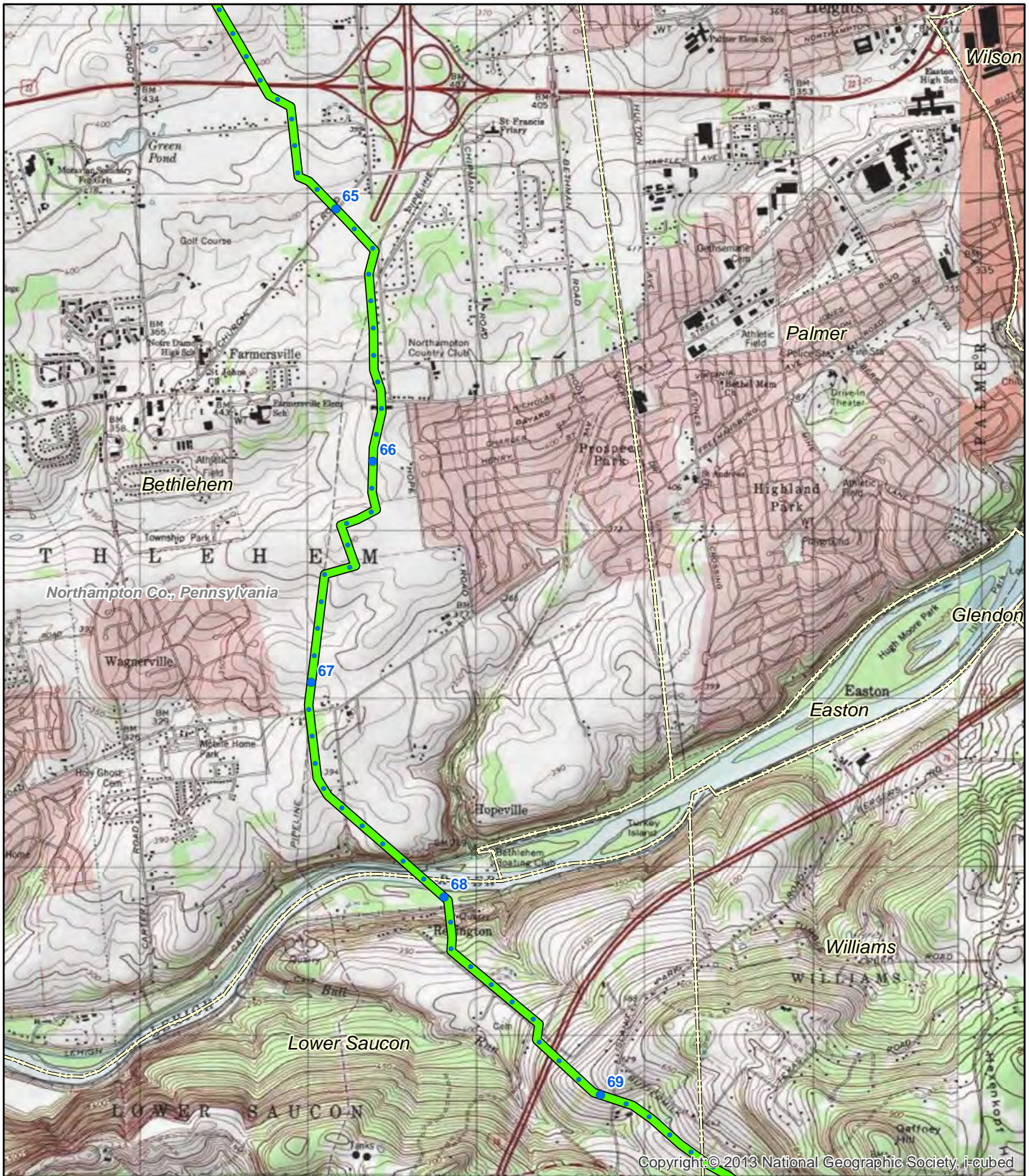
- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

TITLE:

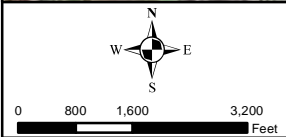
**PennEast Pipeline Project
USGS Topographic Quadrangle Map**

LOC: Nazareth Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 20 of 33





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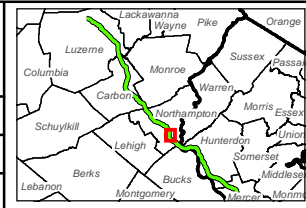


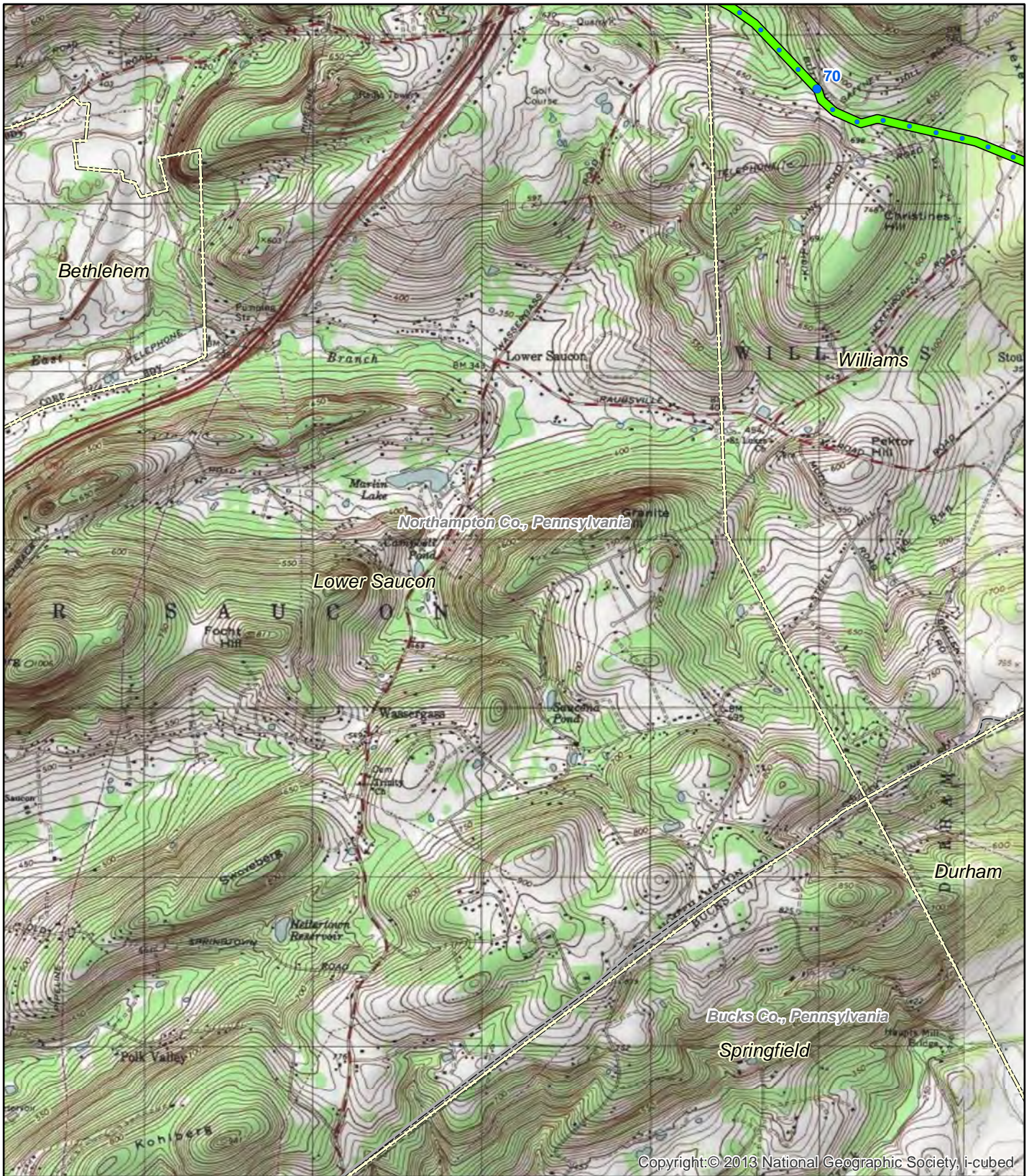
Legend

- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

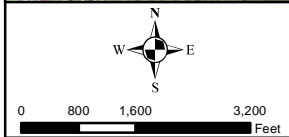
Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE: PennEast Pipeline Project USGS Topographic Quadrangle Map			
LOC: Nazareth Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 21 of 33





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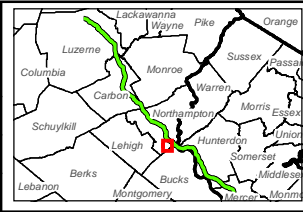


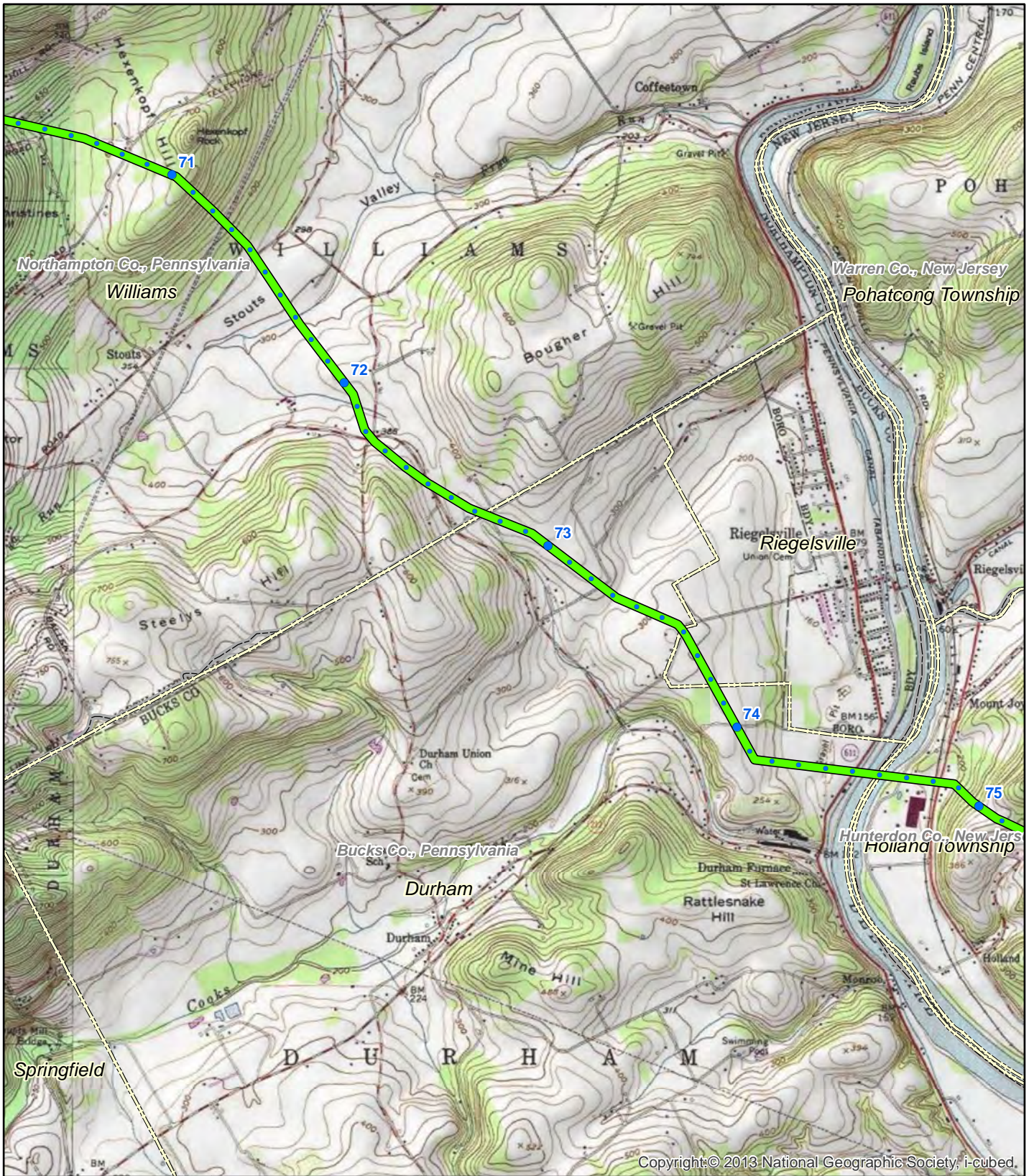
Legend

- Mile Postings
- Municipality Boundary
- PennEast Pipeline
- County Boundary

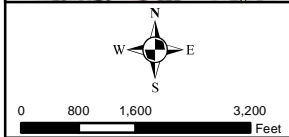
Reference: USA Topo Maps
USGS Topographic Quadrangle

<p>TITLE:</p> <p style="font-size: 1.2em; margin: 0;">PennEast Pipeline Project</p> <p style="font-size: 1.2em; margin: 0;">USGS Topographic Quadrangle Map</p>			
LOC: Hellertown Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 22 of 33





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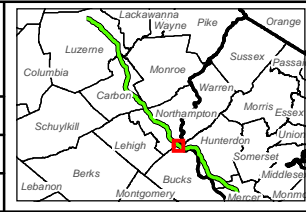


Legend

- Mile Postings
- ▭ Municipality Boundary
- ▬ PennEast Pipeline
- ▭ County Boundary

Reference: USA Topo Maps
USGS Topographic Quadrangle

TITLE: PennEast Pipeline Project USGS Topographic Quadrangle Map			
LOC: Riegelsville Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 10/7/2014	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 23 of 33





March 31, 2015

Mr. Douglas McLearen
Pennsylvania Historical & Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093

Dear Mr. McLearen:

On behalf of PennEast Pipeline Company, LLC, we would like to thank you for your continued coordination on the proposed PennEast Pipeline Project. PennEast is a joint project of AGL Resources; NJR Pipeline Company, a subsidiary of New Jersey Resources; PSEG Power LLC; South Jersey Industries; Spectra Energy Partners; and UGI Energy Services (UGIES), a subsidiary of UGI Corporation.

As an interstate natural gas pipeline, PennEast will be regulated by the Federal Energy Regulatory Commission (FERC). FERC issued a Notice of Intent to prepare an Environmental Impact Statement (EIS) for this project on January 13, 2015. Over the past months, PennEast has worked to refine a preferred alternative route and to obtain permissions to survey. To that end, we must inform you that the preferred alternative route has again been adjusted to account for engineering, environmental, and land use constraints that have been identified since we last provided your agency with detailed project mapping on January 14, 2015.

Following feedback from FERC's scoping meetings and numerous conversations with landowners, state and local agencies, and other various stakeholders, PennEast has revised and refined various portions of the preferred alternative route. The largest variations to the previously released route are related to the location of the crossing of the Bethlehem Authority water supply mainline (MP 44 and MP 45), Appalachian Trail crossing (between MP 46 and MP 55), and accommodating future subdivision and housing development plans. Additional field data gained over the last month has helped make smaller adjustments related to environmental surveys and individual discussions with landowners.

In addition to the route variations noted above, an additional interconnect was needed for the Gilbert Power Generation facility in Holland Township, New Jersey, which is fed by a small lateral (12 inches) to supply natural gas to the facility. The previously located interconnection with Elizabethtown Gas was relocated so that both interconnects can be co-located within the power station's industrial property to minimize additional above-ground impacts.

A summary of the significant route variations in Pennsylvania is provided below:

- In Towamensing Township in Carbon County, PA, less than one mile of the alignment has been re-routed ¼-mile to the east as a result of consultations with the Bethlehem Authority (Authority). The alignment has been re-routed between mileposts 44 and 45 to cross the Authority's water supply mainline in a location where it is deeper in an effort to maximize protection of the Authority's resources.
- Straddling the Carbon – Northampton County line in PA, approximately 8 miles of the alignment between mileposts 46 and 55 has been re-routed up to 1 mile to the west of the previous route in an effort to refine the crossing location of the Appalachian Trail.

Fedex Tracking #: 773259075640



- In Northampton County, PA, approximately 2.5 miles of the alignment has been re-routed less than ½-mile to the north of the previous route as a result of consultations with private landowners and local officials. The alignment has been re-routed between mileposts 59 and 62 to accommodate current and future land use plans in the area.

Updated USGS-based topographic maps for the entire new preferred alternative route are being provided to aide in your review and analysis of the project.

We look forward to continuing to work with you and your colleagues on this important project. Please contact me if you have any questions.

Sincerely,

Bernie Holcomb

Pipeline Environmental Services Manager



URS Corporation 625 West Ridge Pike, Suite E-100; Conshohocken, PA 19428
Direct: 610 832 1810; Cell: 215 275-7956; Fax: 610-832-3501 bernard.holcomb@urs.com



Legend

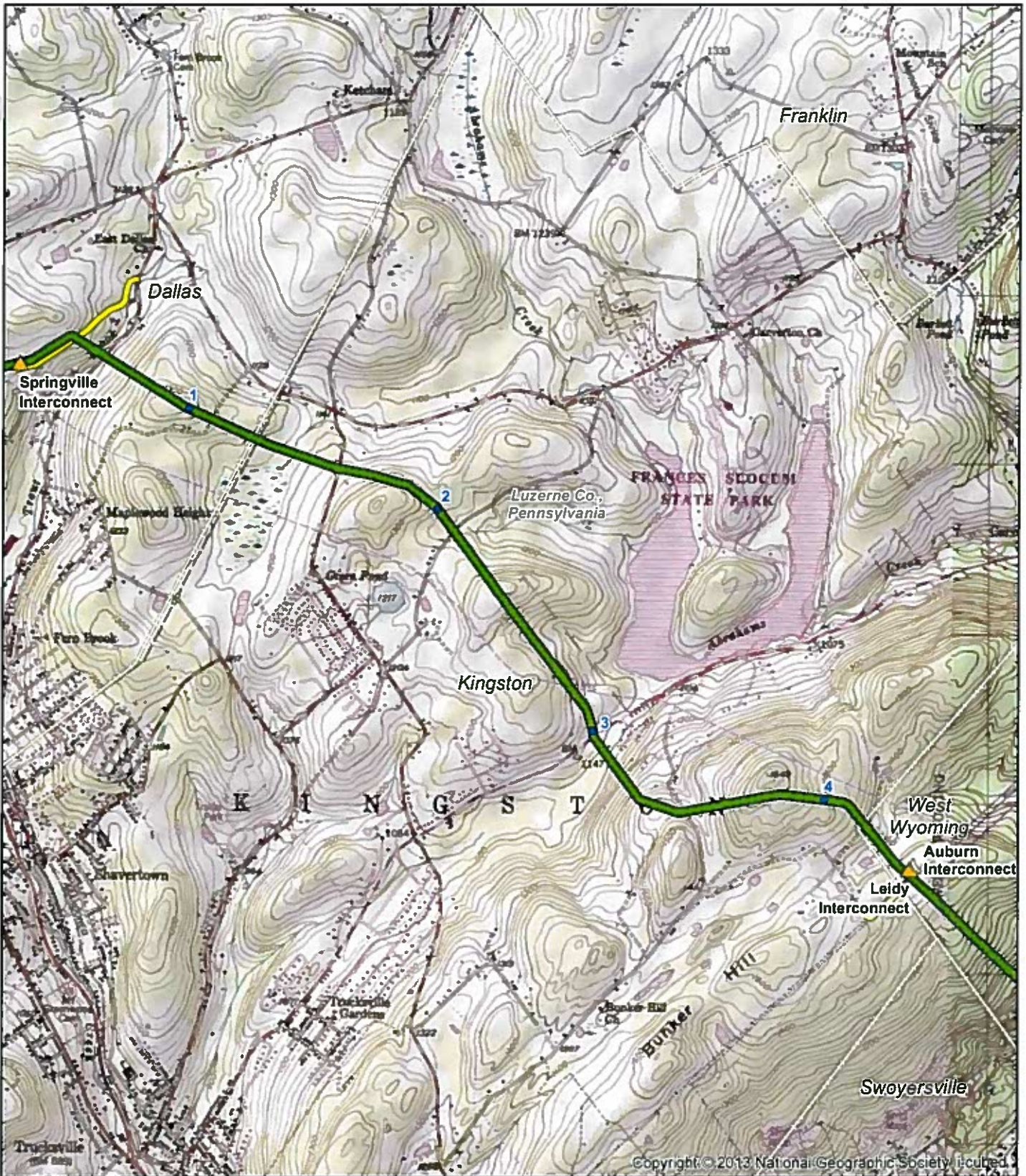
Mile Posting	Interconnect	Potential Access Road
PennEast Pipeline	Municipality Boundary	County Boundary

TITLE: PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

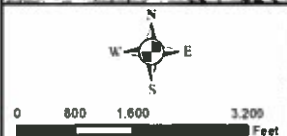
LOC: Kingston Quadrangle		REV:	
CKD BY: BH	ENG:	Date: 3/31/2015	WO:
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 1 of 22



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Legend

- Mile Posting
- ▲ Interconnect
- Potential Access Road
- PennEast Pipeline
- Municipality Boundary
- County Boundary

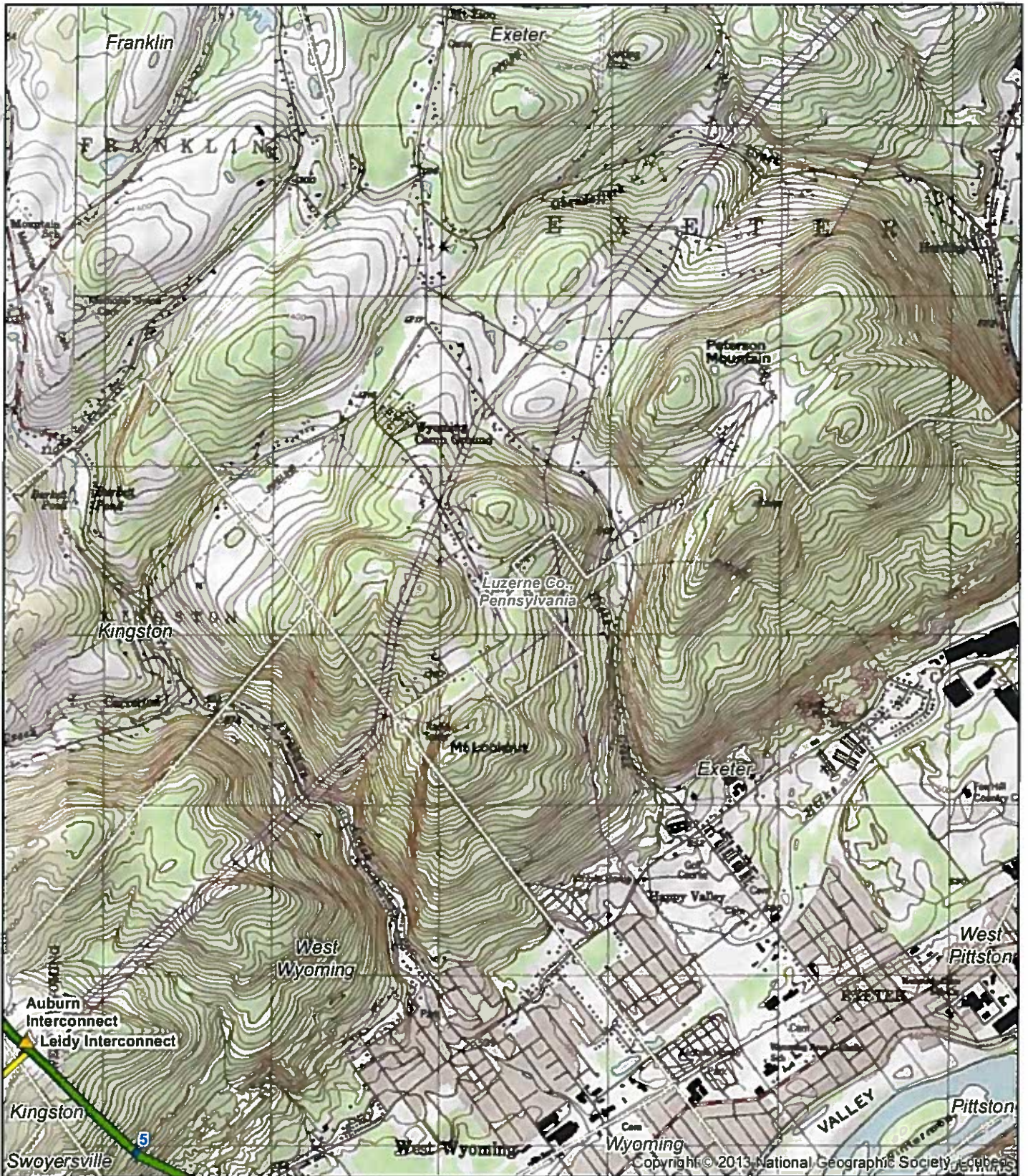
TITLE: PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

LOC: Kingston Quadrangle		REV:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	W.O.:
DRN BY: VP	SCALE SEE GRAPHIC SCALE	DWG. NO.:	SHEET 2 of 22



PennEast
PIPELINE

PennEast Pipeline Company, LLC



Legend

- Mile Posting
- PennEast Pipeline
- ▲ Interconnect
- Municipality Boundary
- County Boundary
- Potential Access Road

TITLE:

**PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map**

LOC: Pittston Quadrangle

REV.:

CKD. BY: BH

ENG.:

Date: 3/31/2015

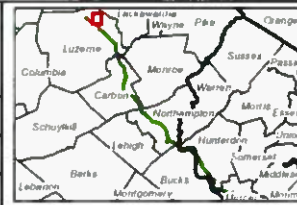
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DRN. BY: VP

SCALE: SEE GRAPHIC SCALE

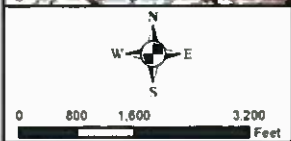
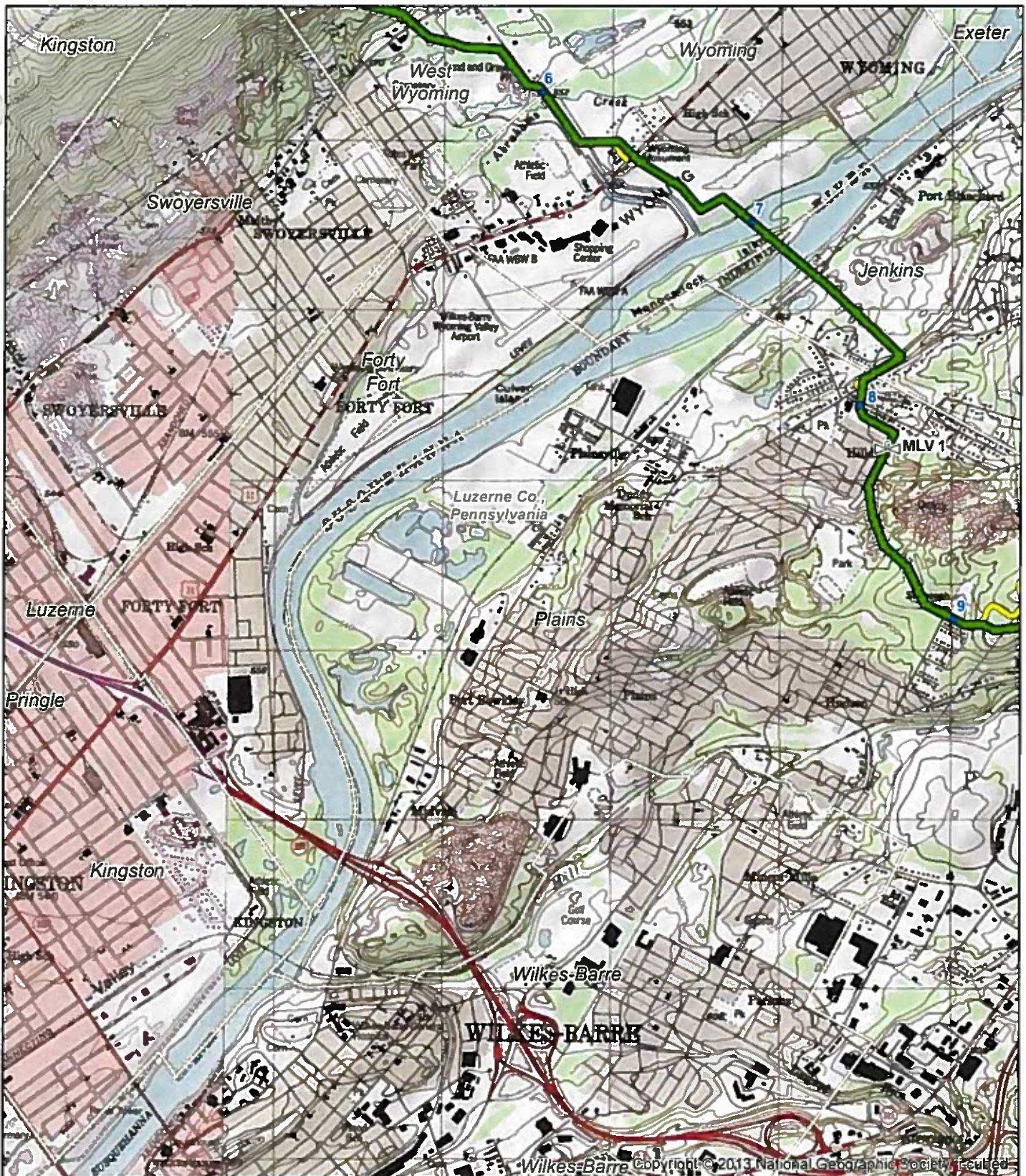
DWG. NO.:

SHEET: 3 of 22



PennEast Pipeline Company, LLC

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Legend

- Mile Posting
- PennEast Pipeline
- Main Line Valve Site
- Potential Access Road
- Municipality Boundary
- County Boundary

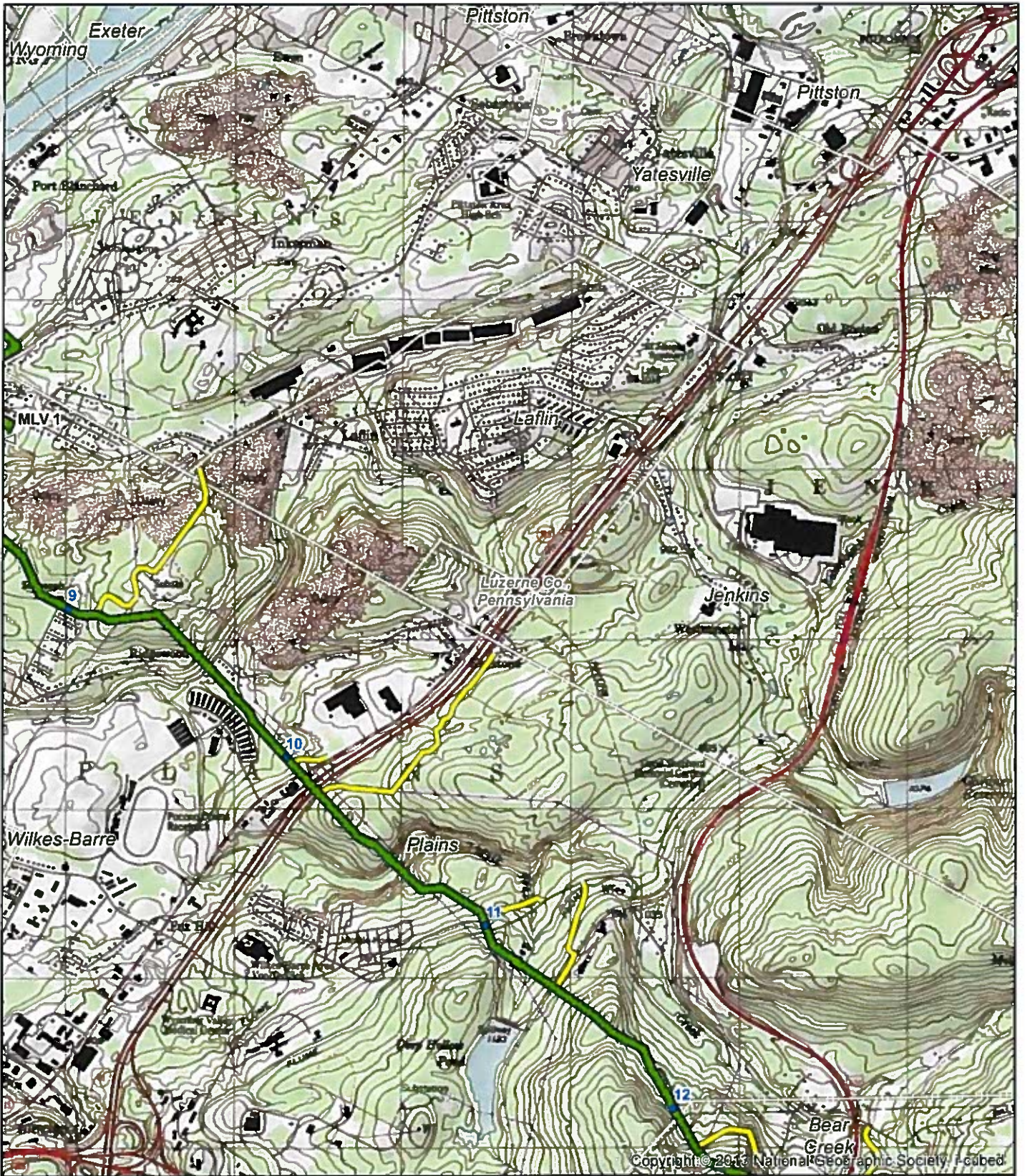
TITLE: PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

LOC: Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 4 of 22

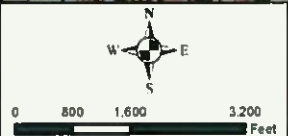


PennEast
PIPELINE

PennEast Pipeline Company, LLC



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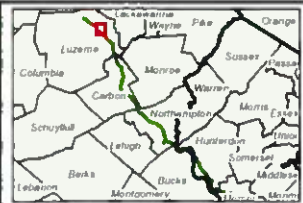


Legend

- Mile Posting
- PennEast Pipeline
- Main Line Valve Site
- Potential Access Road
- Municipality Boundary
- County Boundary

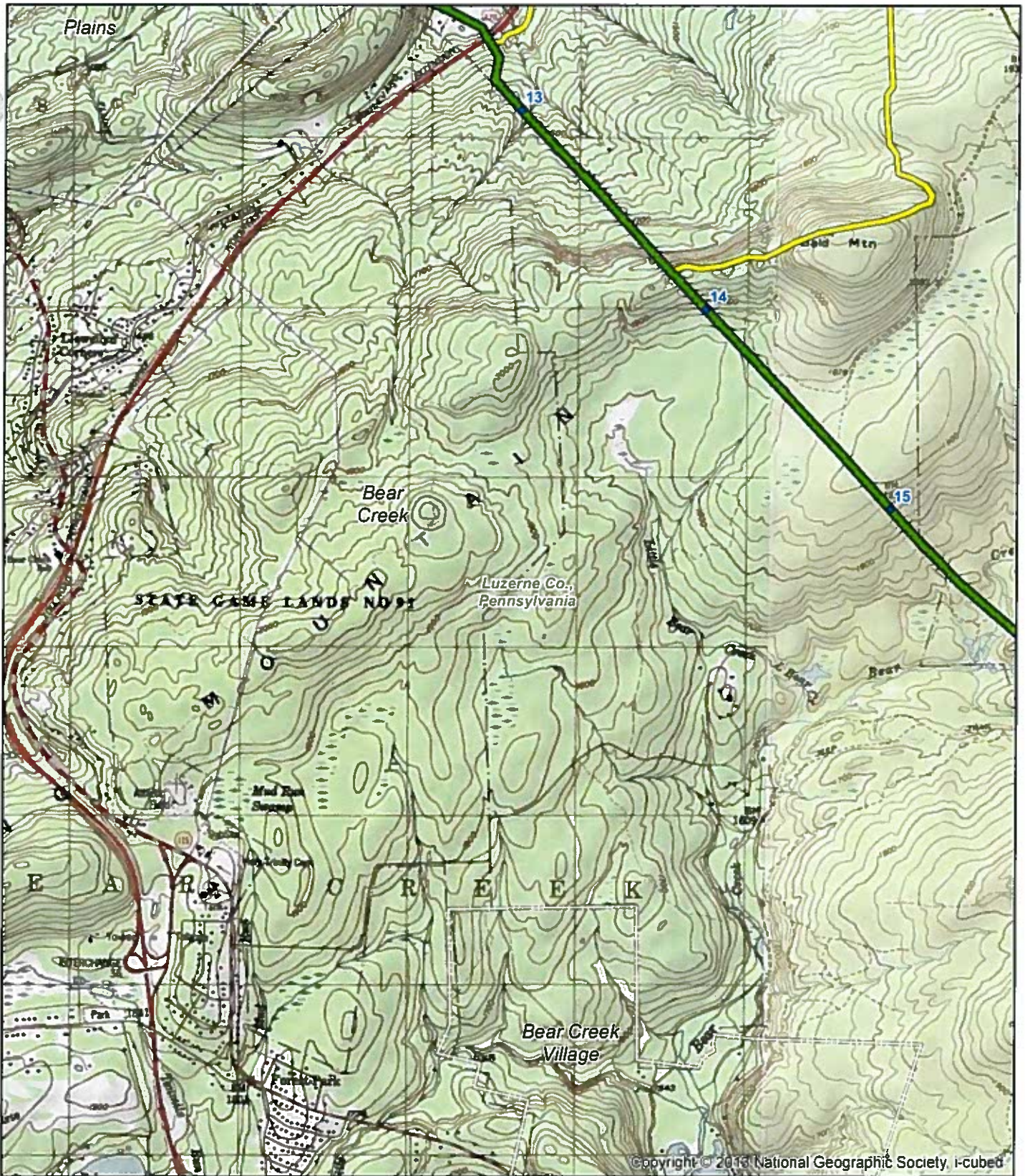
TITLE:

**PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map**

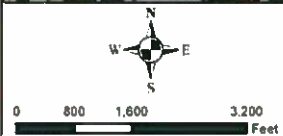


PennEast Pipeline Company, LLC

LOC: Pittston Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	WO.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 5 of 22



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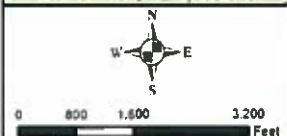
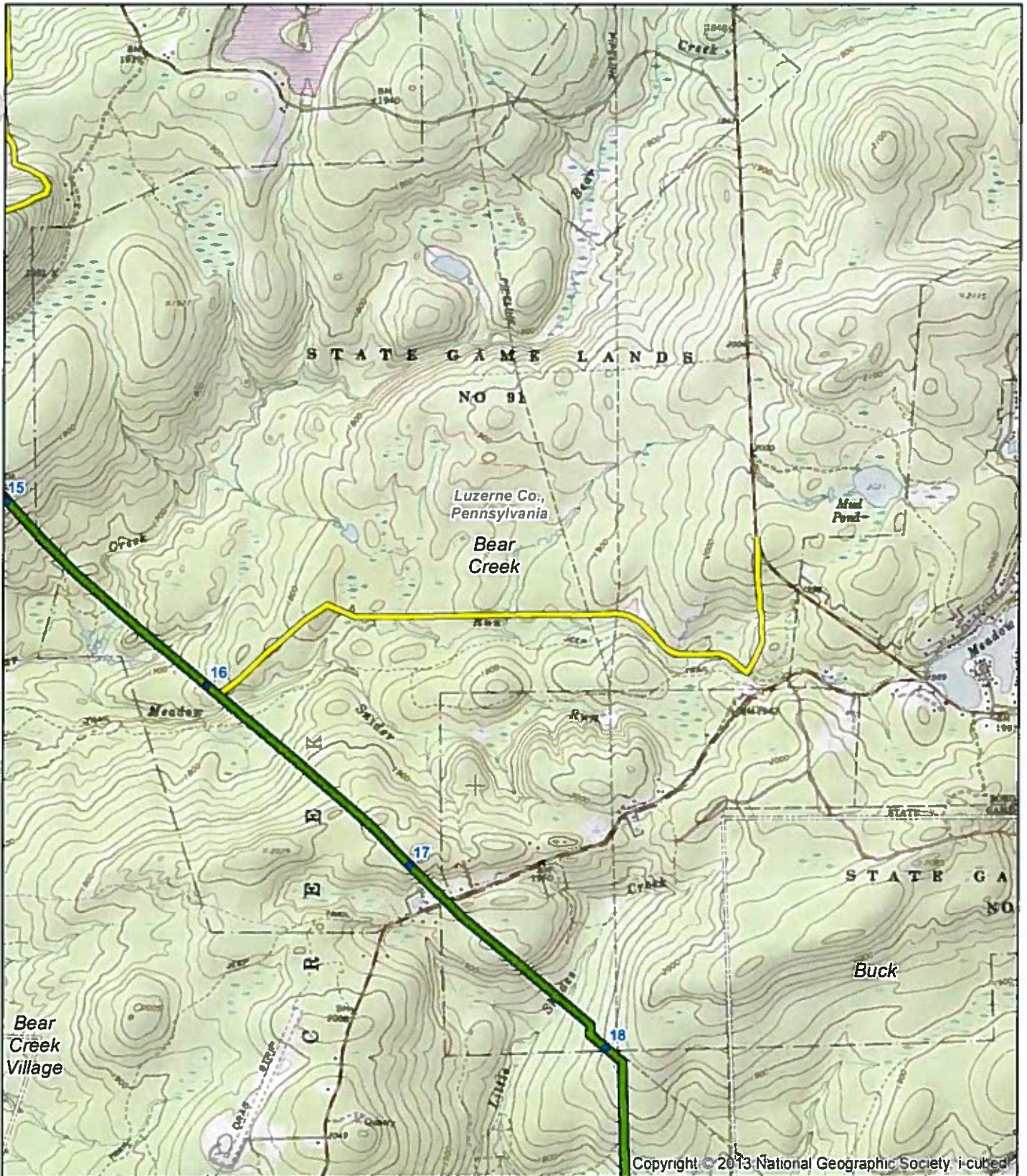


Legend	
● Mile Posting	— Potential Access Road
— PennEast Pipeline	 Municipality Boundary
 County Boundary	

TITLE: **PennEast Pipeline Project - Pennsylvania USGS Topographic Quadrangle Map**

LOC: Wilkes-Barre East Quadrangle		REV:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	WO.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 6 of 22



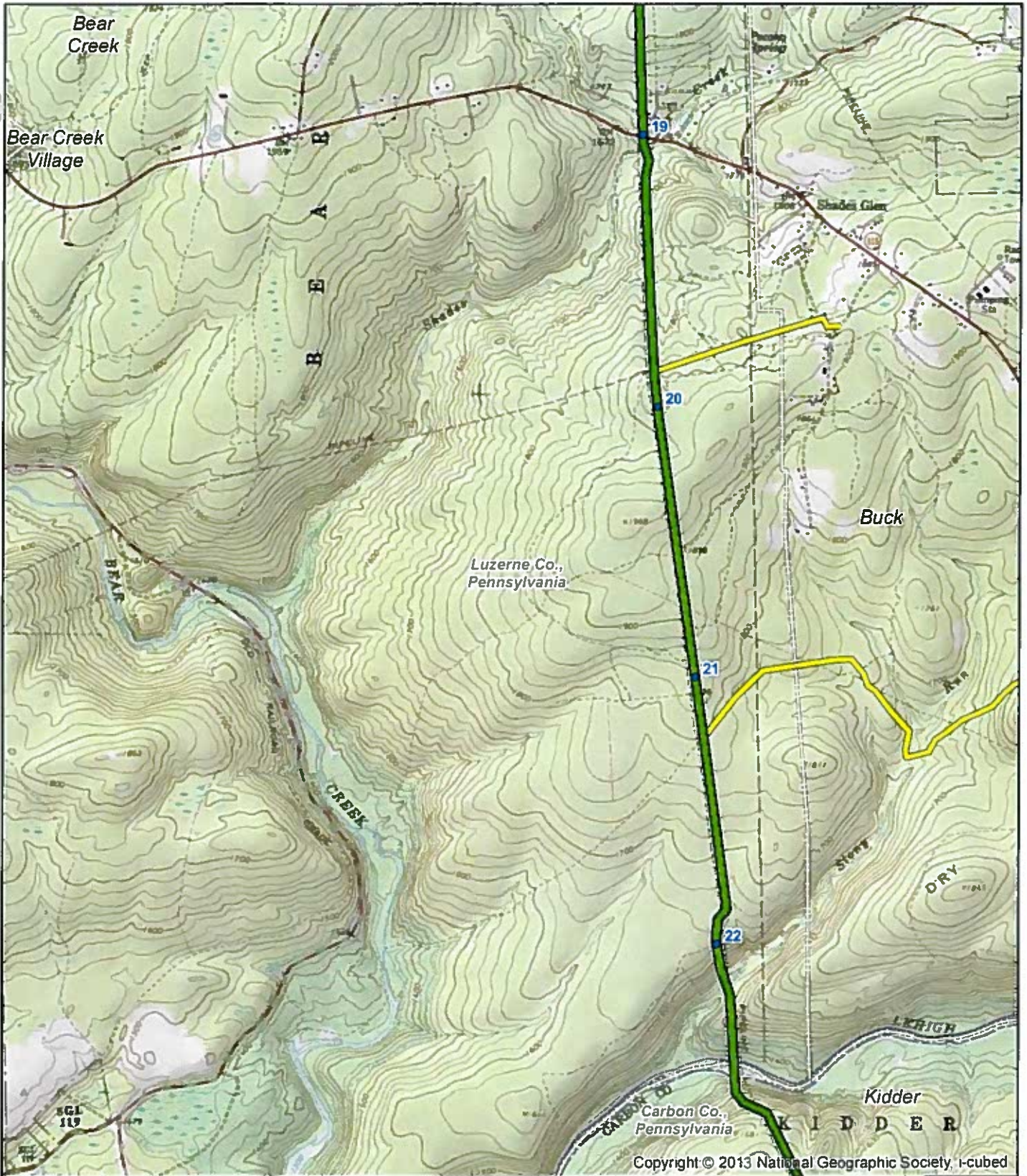


Legend	
● Mile Posting	 Potential Access Road
 PennEast Pipeline	 Municipality Boundary
 County Boundary	

TITLE
PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

LOC Pleasant View Summit Quadrangle		REV:	
CKD BY: BH	ENG:	Date: 3/31/2015	WO:
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG NO.:	SHEET: 7 of 22





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Legend

- Mile Posting
- PennEast Pipeline
- Potential Access Road
- Municipality Boundary
- County Boundary

TITLE:

**PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map**

LOC: Pleasant View Summit Quadrangle		REV:	
CKD BY: BH	ENG:	Date: 3/31/2015	W.O.:
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 8 of 22



PennEast Pipeline Company, LLC



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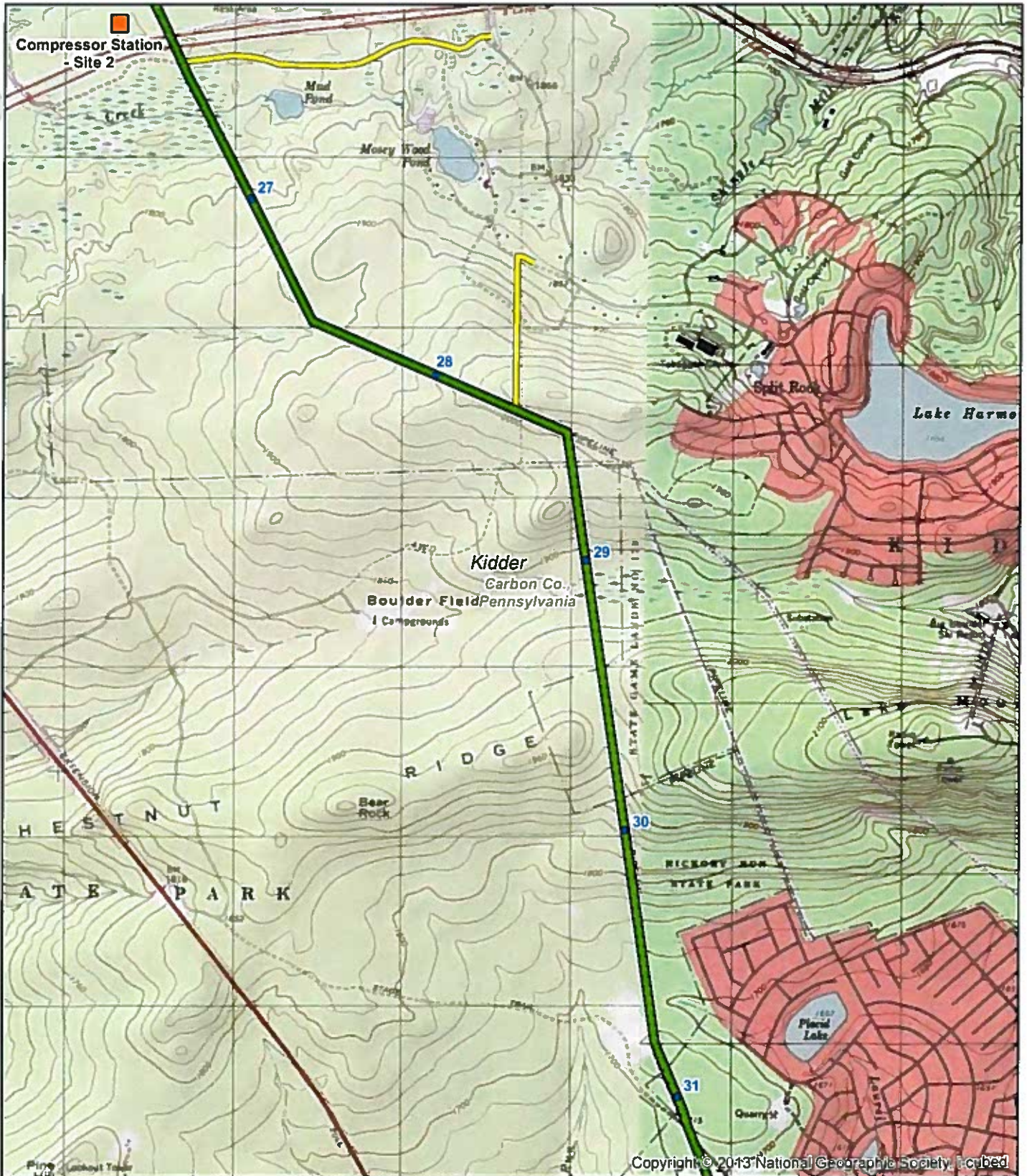
Legend

- Mile Posting
- PennEast Pipeline
- Compressor Station Option
- Potential Access Road
- Municipality Boundary
- County Boundary

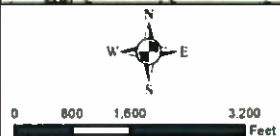
TITLE
PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

LOC: Hickory Run Quadrangle		REV.:
CKD BY: BH	ENG:	Date: 3/31/2015
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG NO.:
		W.O.:
		SHEET: 9 of 22





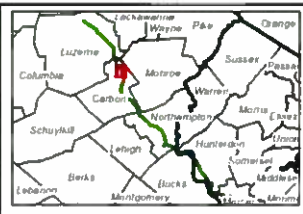
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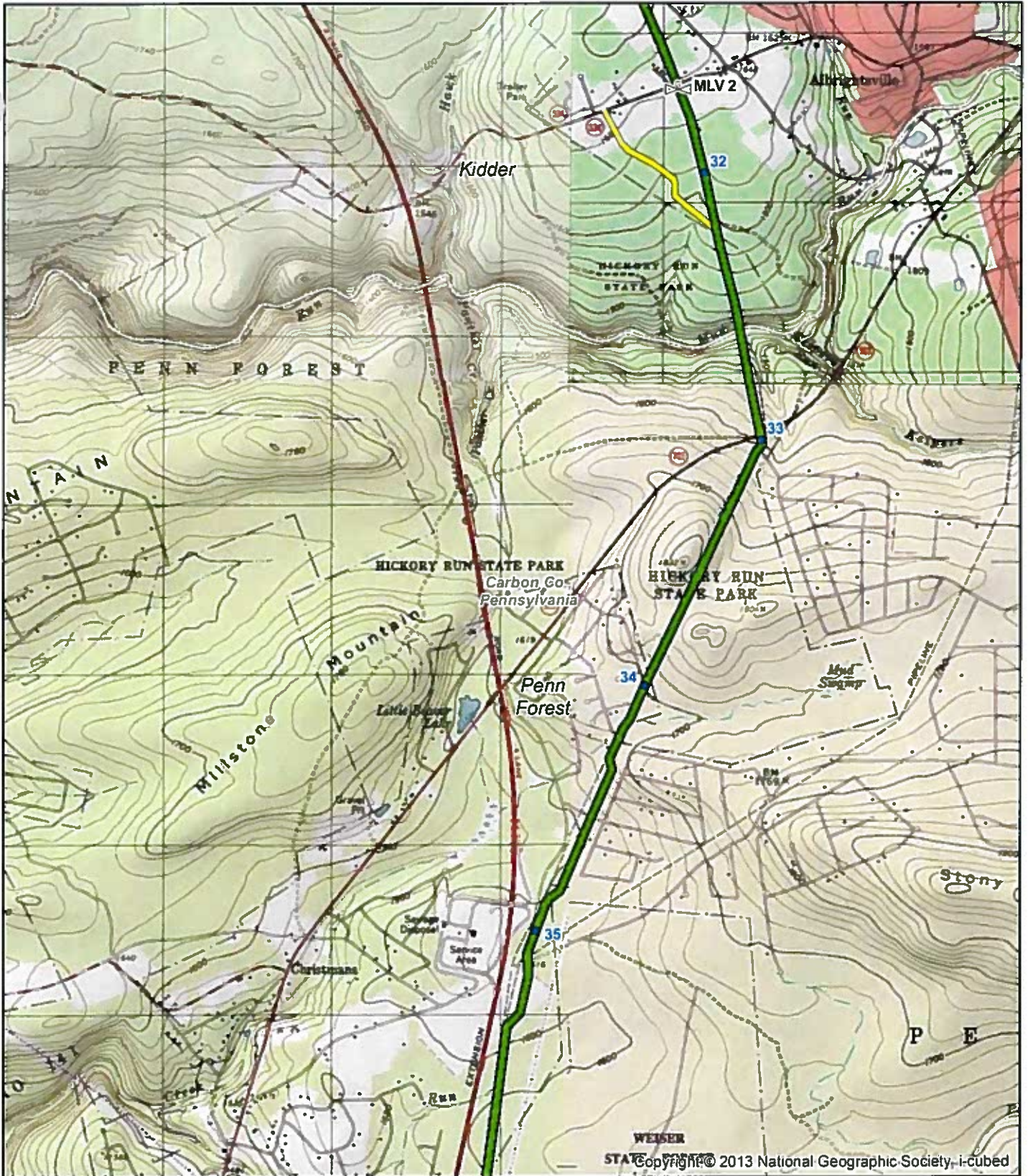


Legend

- Mile Posting
- Compressor Station Option
- Potential Access Road
- PennEast Pipeline
- Municipality Boundary
- County Boundary

TITLE: PennEast Pipeline Project - Pennsylvania USGS Topographic Quadrangle Map			
LOC: Hickory Run Quadrangle		REV.:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 10 of 22





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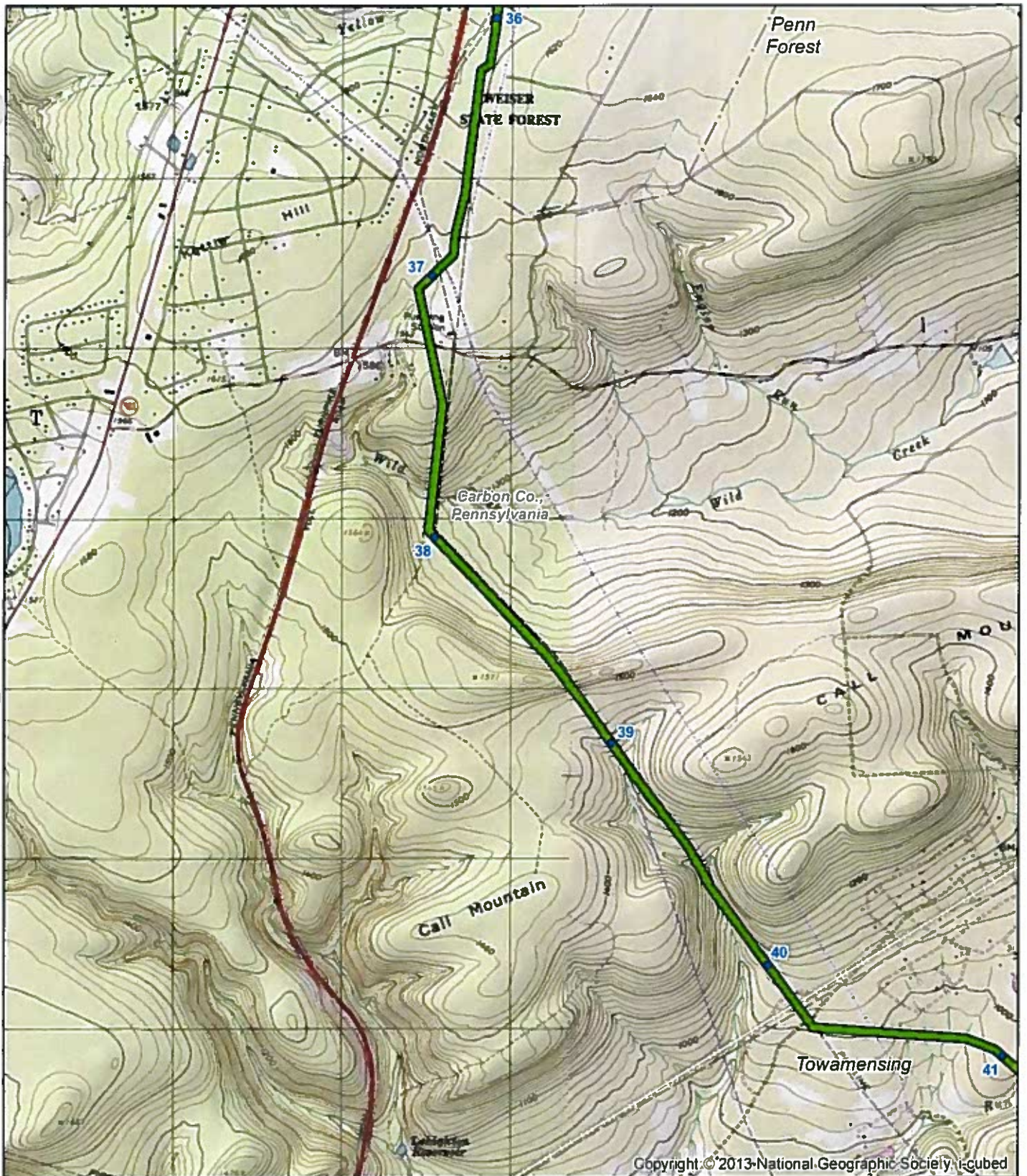


0 800 1600 3200 Feet

Legend

- Mile Posting
- PennEast Pipeline
- Main Line Valve Site
- Potential Access Road
- Municipality Boundary
- County Boundary

PennEast Pipeline Project - Pennsylvania USGS Topographic Quadrangle Map					 PennEast Pipeline Company, LLC
LOC: Christmans Quadrangle		REV:			
CKD BY: BH	ENG:	Date: 3/31/2015	W.O.:		
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG NO.:	SHEET: 11 of 22		



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0 800 1,600 3,200 Feet

Legend

- Mile Posting
- PennEast Pipeline
- Potential Access Road
- Municipality Boundary
- County Boundary

TITLE:

**PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map**

LOC: Christmans Quadrangle		REV:	
CKD BY: BH	ENG.:	Date: 3/31/2015	WO:
DRN BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 12 of 22



PennEast Pipeline Company, LLC



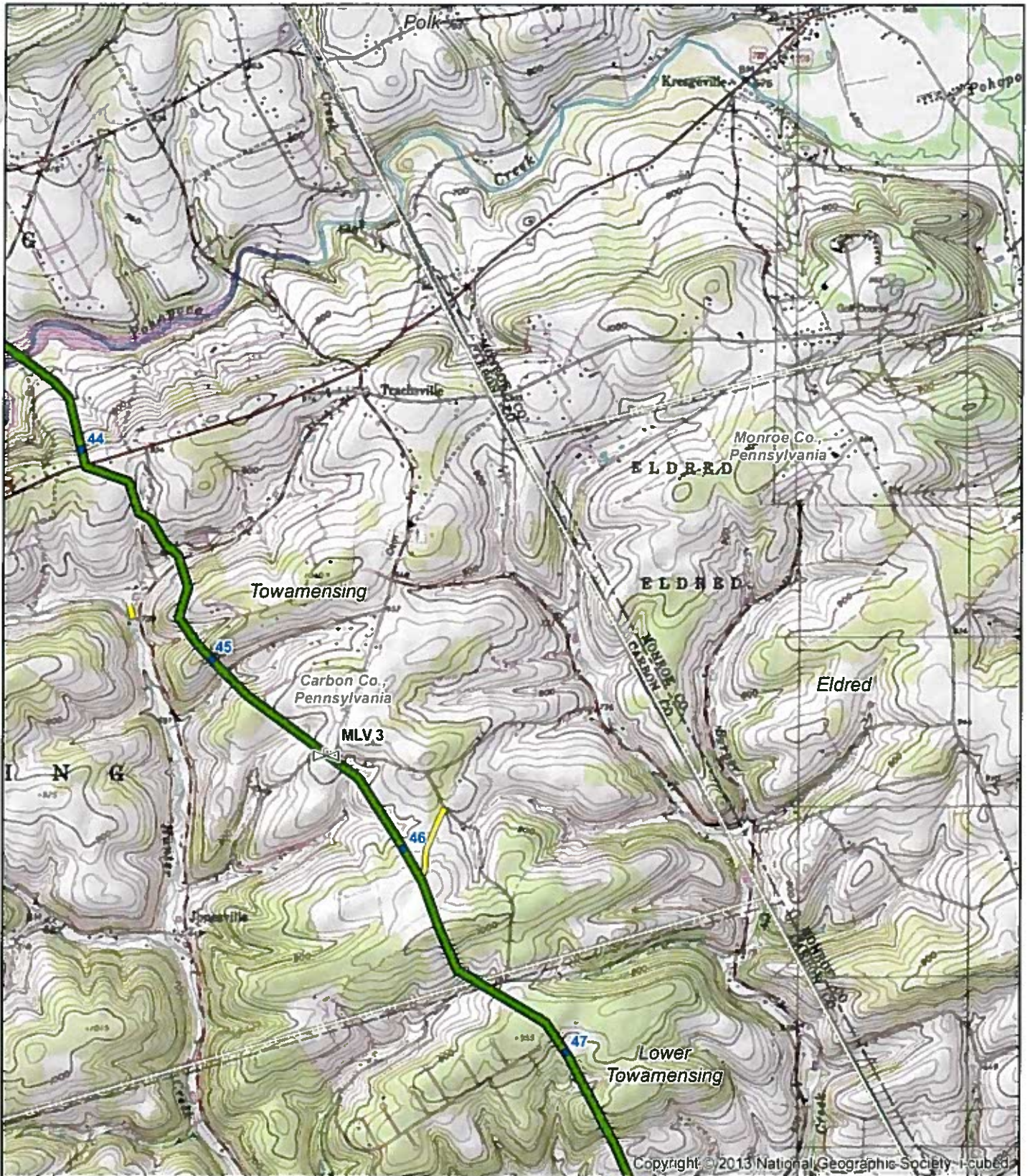
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Legend	
● Mile Posting	 Potential Access Road
 PennEast Pipeline	 Municipality Boundary
 County Boundary	

TITLE			
PennEast Pipeline Project - Pennsylvania USGS Topographic Quadrangle Map			
LOC Pohopoco Mountain Quadrangle		REV:	
CKD BY: BH	ENG:	Date 3/31/2015	W.O.:
DRN BY: VP	SCALE SEE GRAPHIC SCALE	DWG NO.:	SHEET 13 of 22





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Legend

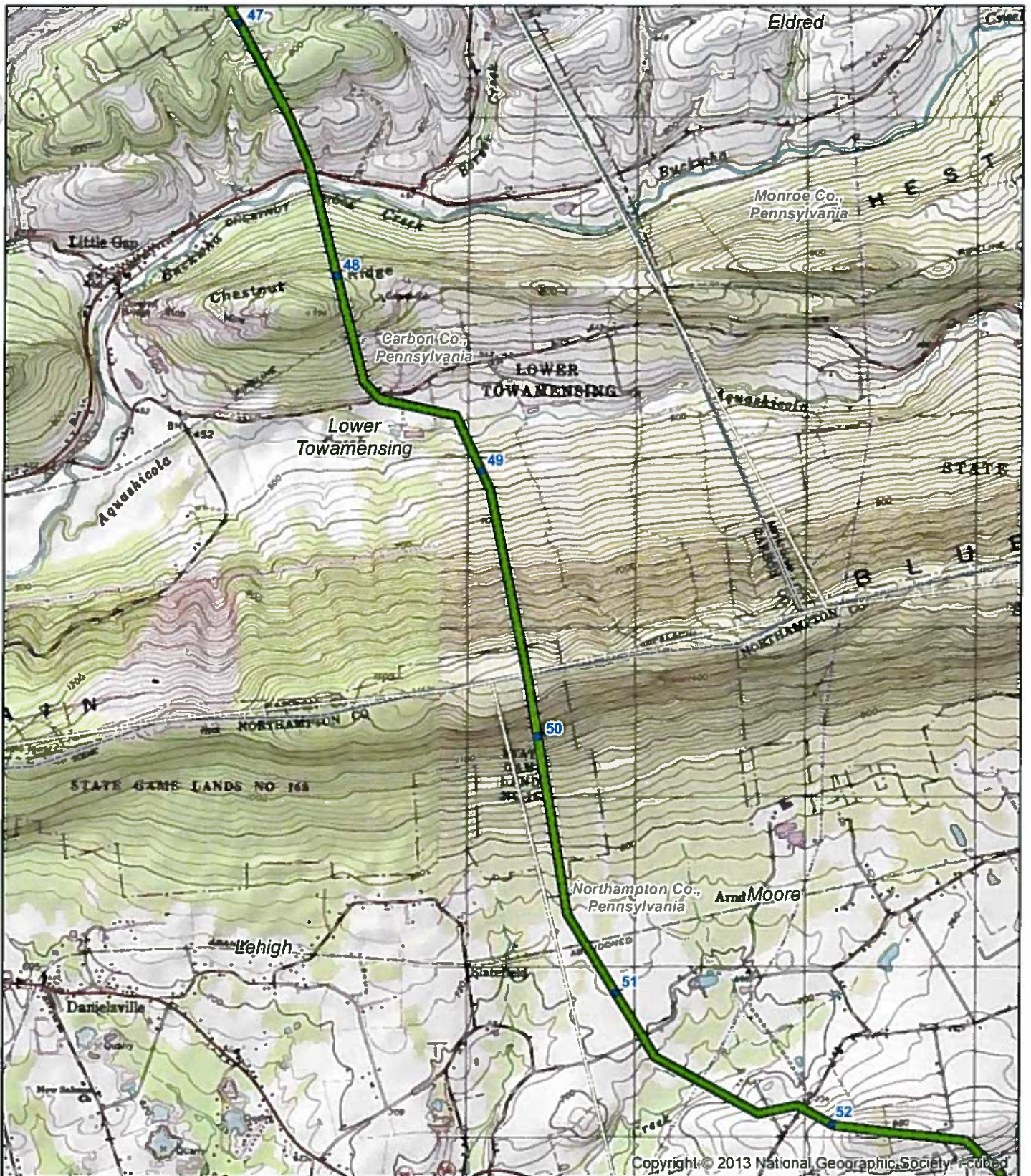
- Mile Posting
- PennEast Pipeline
- Main Line Valve Site
- Municipality Boundary
- County Boundary
- Potential Access Road

TITLE: PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map



LOC: Palmerton Quadrangle		REV:	
CKD. BY: BH	ENG:	Date: 3/31/2015	WO:
DRN. BY: VP	SCALE SEE GRAPHIC SCALE	DWG. NO.:	SHEET 14 of 22





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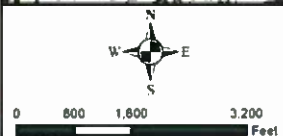
- Legend**
- Mile Posting
 - PennEast Pipeline
 - Potential Access Road
 - Municipality Boundary
 - County Boundary

TITLE: PennEast Pipeline Project - Pennsylvania USGS Topographic Quadrangle Map			
LOC: Kunkletown Quadrangle		REV:	
CKD BY: BH	ENG:	Date: 3/31/2015	WO:
DRN BY: VP	SCALE SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 15 of 22





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Legend	
● Mile Posting	 Potential Access Road
 PennEast Pipeline	 Municipality Boundary
 County Boundary	

TITLE: PennEast Pipeline Project - Pennsylvania
USGS Topographic Quadrangle Map

LOC: Kunkletown Quadrangle		REV:	
CKD. BY: BH	ENG.:	Date: 3/31/2015	W.O.:
DRN. BY: VP	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET: 16 of 22

