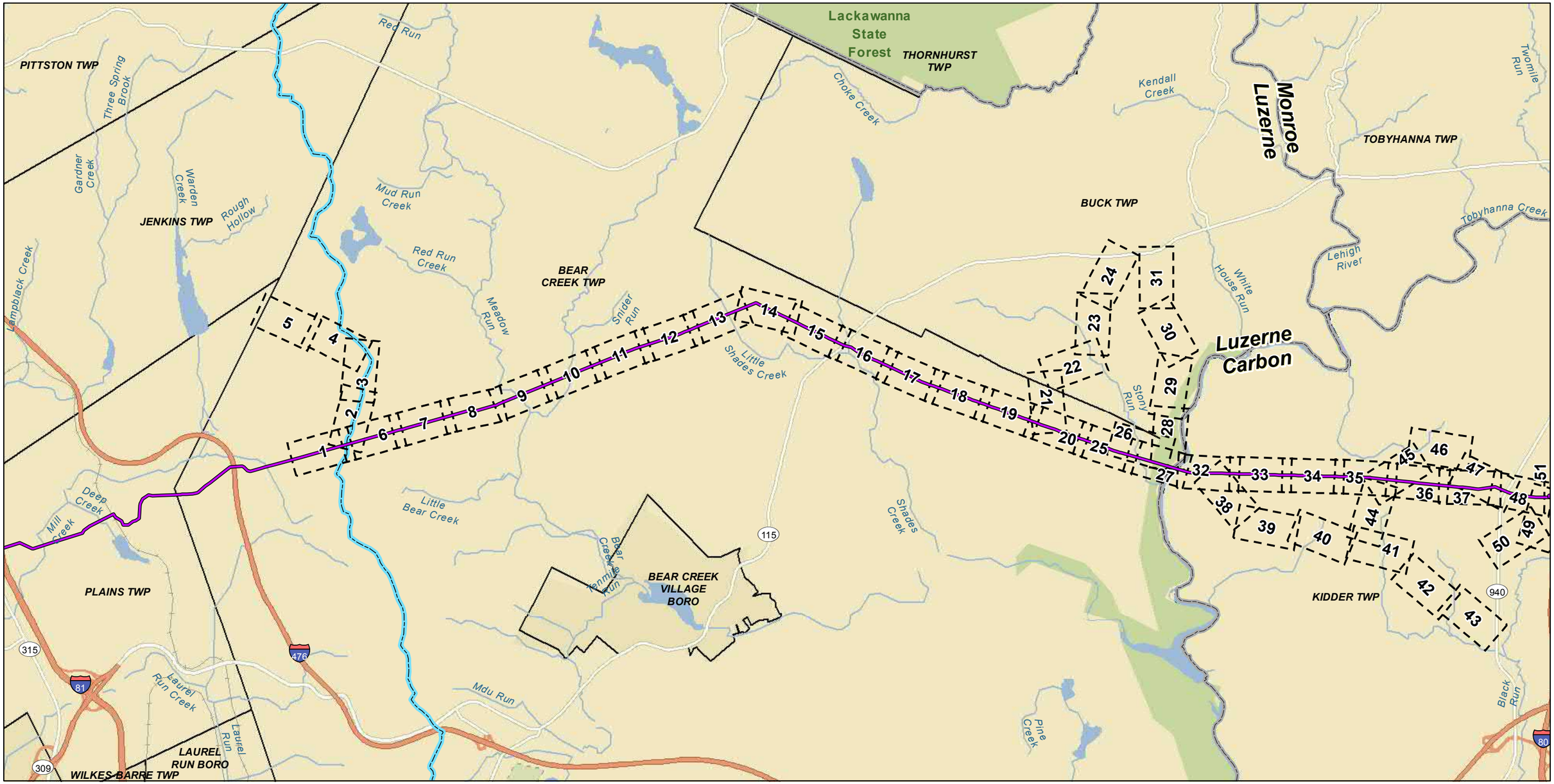


Legend

Index Map Extent | Delaware River Basin Boundary | Municipality Boundary | County Boundary

Reference:
esri Streets

PennEast / PIPELINE

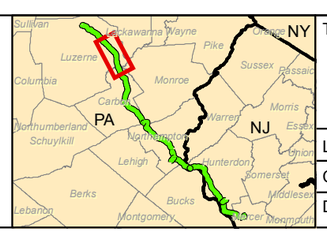
PennEast Pipeline Company, LLC

N E S W

0 0.5 1 2 Miles

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Meter (1.0)

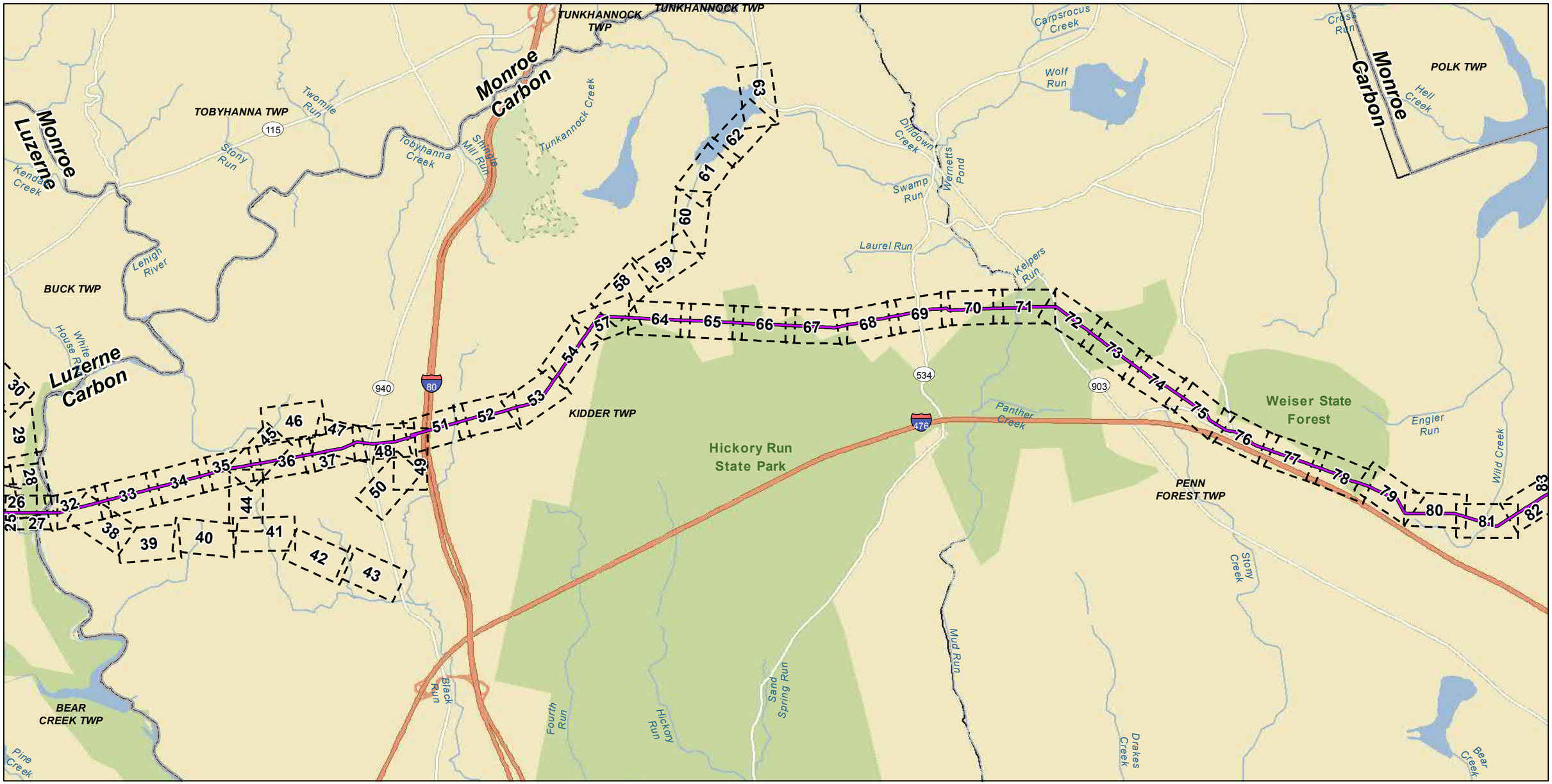
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania Index Sheets

LOC: Luzerne County (main county in view)			REV.:
CKD. BY:	ENG.:	Date: 5/6/2020	W.O.:
DRN. BY: CDW	SCALE: See Graphic Scale	DWG. NO.:	SHEET: 1 of 5



Reference:
esri Streets

Legend

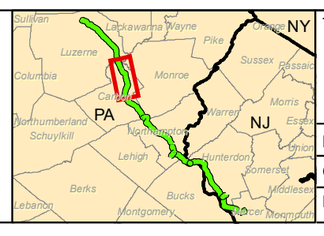
Index Map Extent | Delaware River Basin Boundary | Municipality Boundary | County Boundary

PennEast Pipeline Company, LLC

0 0.5 1 2 Miles

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Meter (1.0)

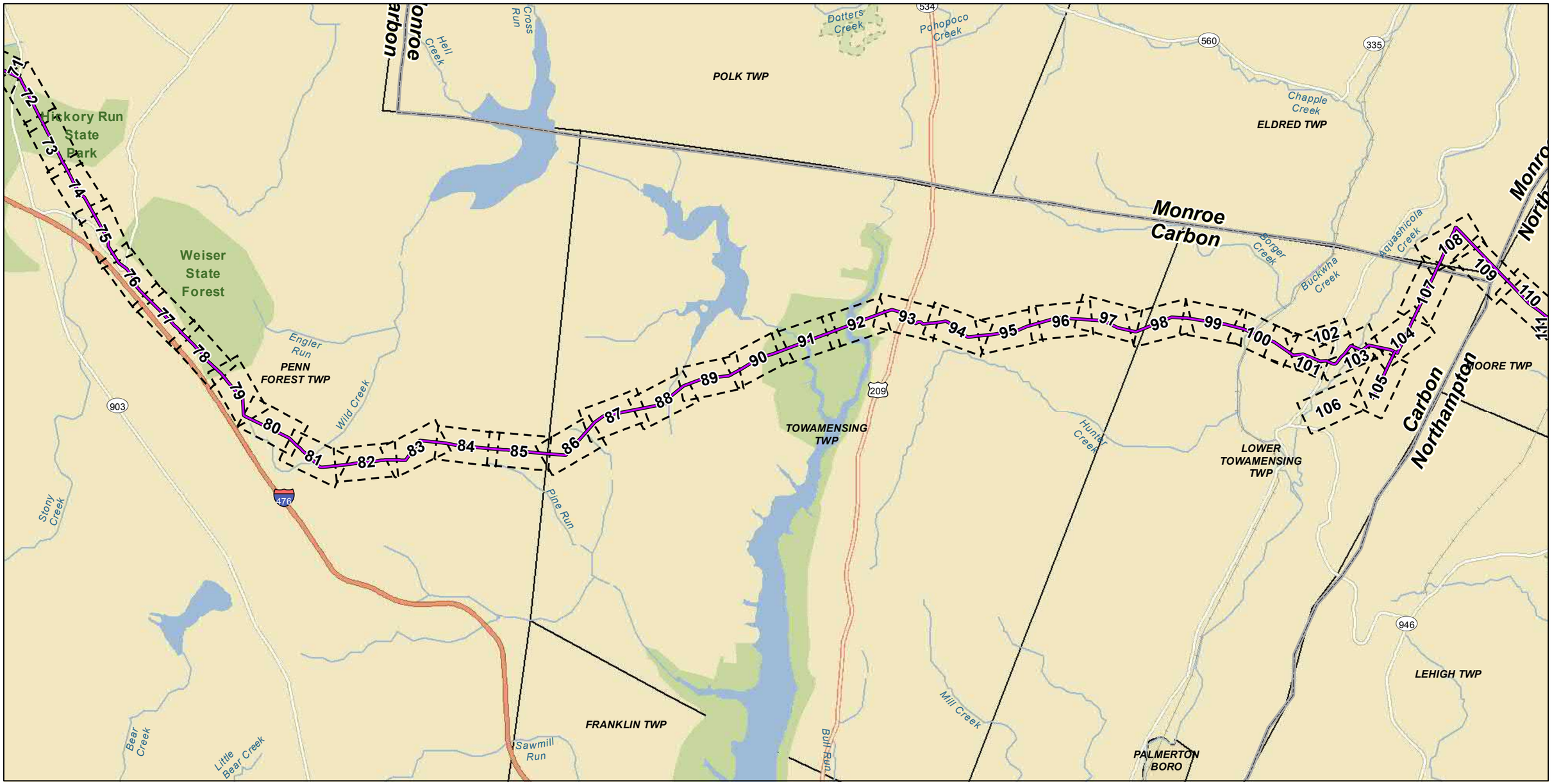
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania Index Sheets

LOC: Carbon County (main county in view)			REV.:
CKD. BY:	ENG.:	Date: 5/6/2020	W.O.:
DRN. BY: CDW	SCALE: See Graphic Scale	DWG. NO.:	SHEET: 2 of 5



Legend

Index Map Extent | Delaware River Basin Boundary | Municipality Boundary | County Boundary

Reference:
esri Streets

PennEast PIPELINE

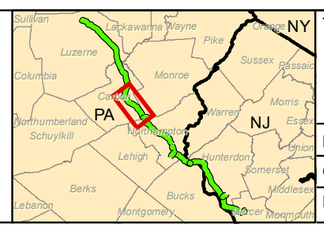
PennEast Pipeline Company, LLC

N W E S

0 0.5 1 2 Miles

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Meter (1.0)

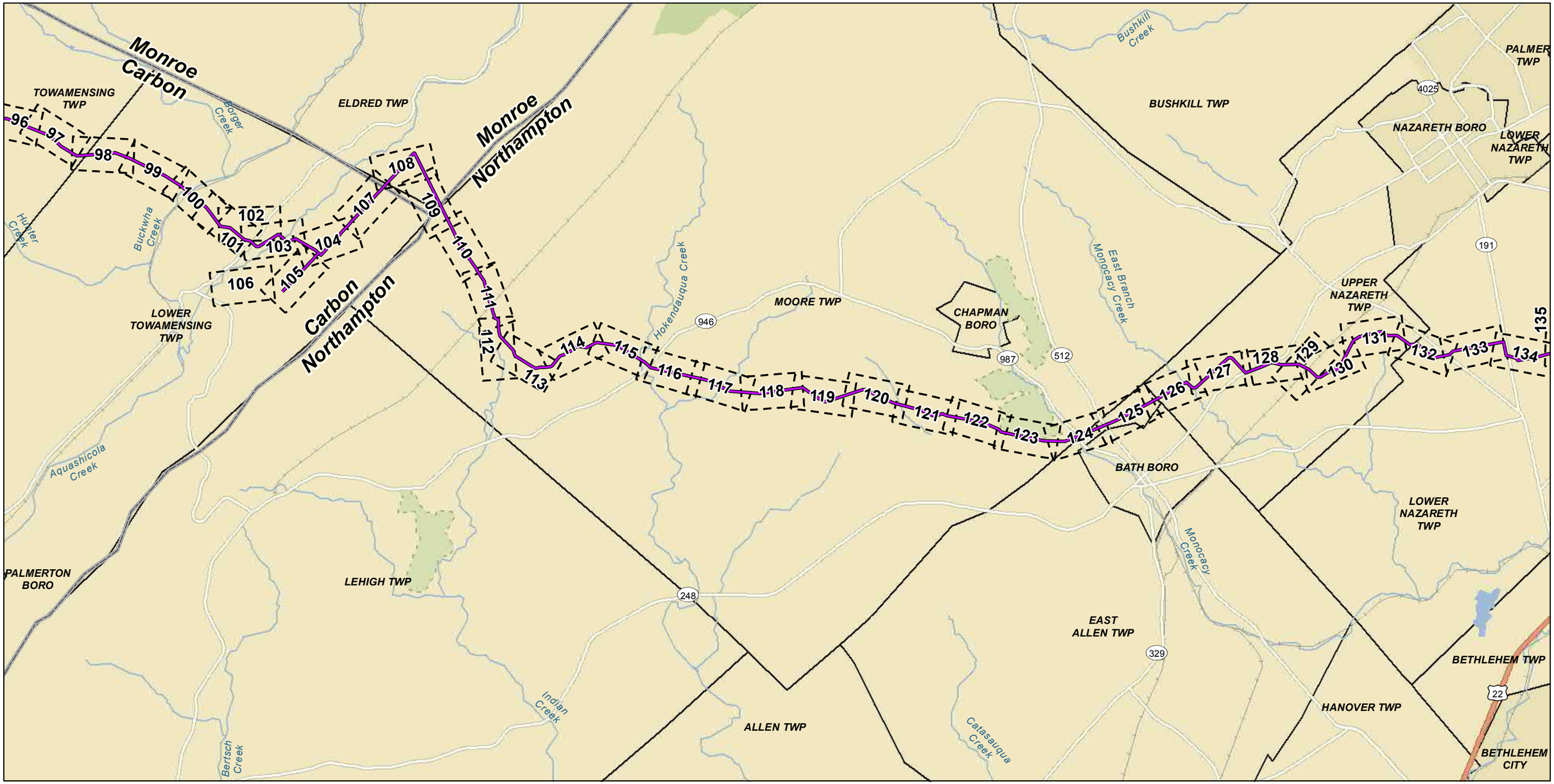
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania Index Sheets

LOC: Carbon County (main county in view)			REV.:
CKD. BY:	ENG.:	Date: 5/6/2020	W.O.:
DRN. BY: CDW	SCALE: See Graphic Scale	DWG. NO.:	SHEET: 3 of 5



Legend

Index Map Extent | Delaware River Basin Boundary | Municipality Boundary | County Boundary

Reference:
esri Streets

PennEast PIPELINE

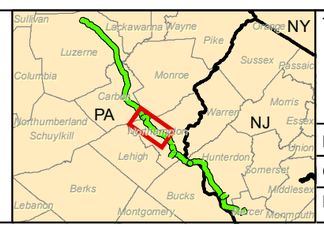
PennEast Pipeline Company, LLC

N W E S

0 0.5 1 2 Miles

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Meter (1.0)

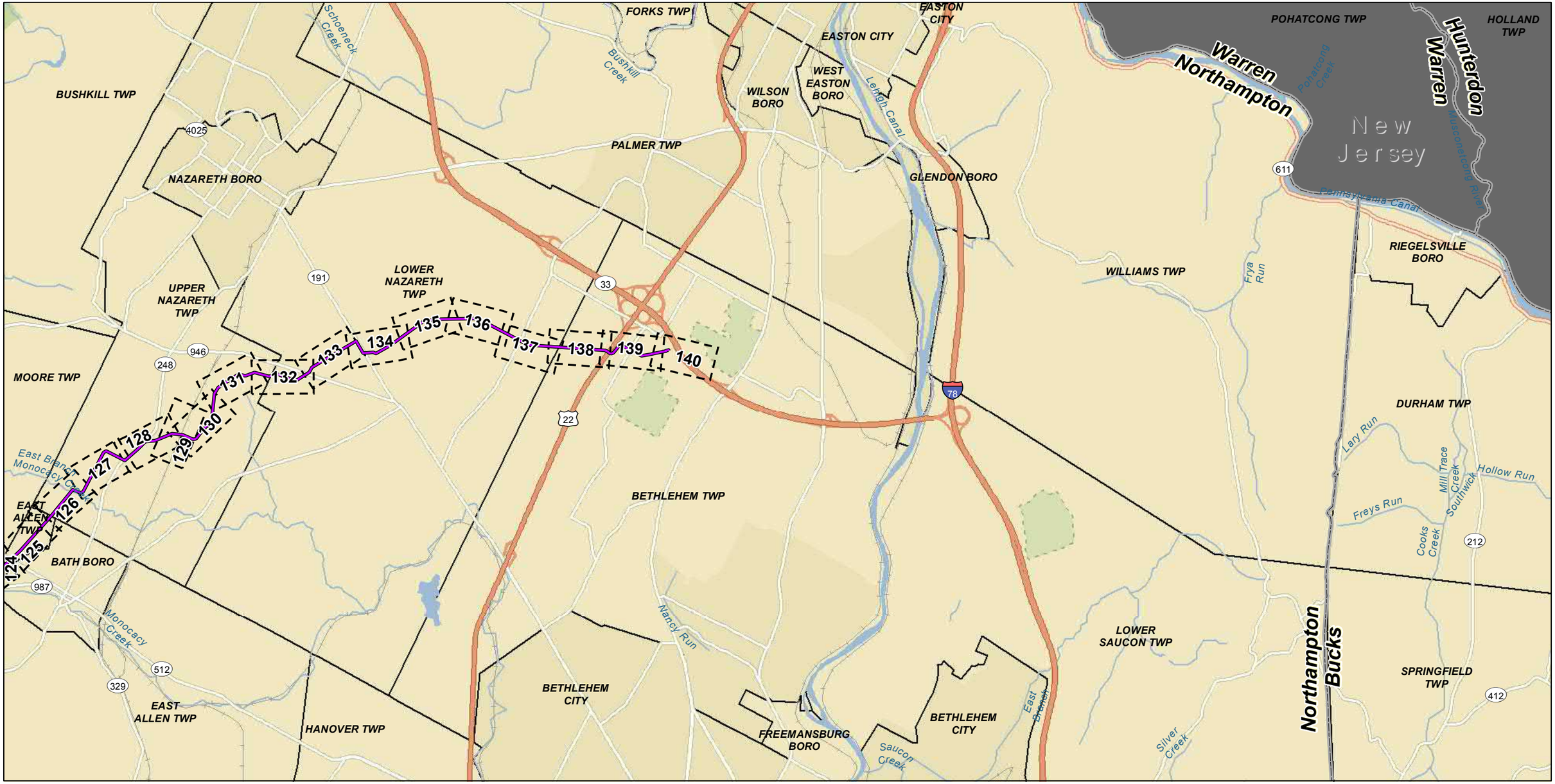
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania Index Sheets

LOC: Northampton County (main county in view)			REV.:
CKD. BY:	ENG.:	Date: 5/6/2020	W.O.:
DRN. BY: CDW	SCALE: See Graphic Scale	DWG. NO.:	SHEET: 4 of 5



Legend

Index Map Extent | Delaware River Basin Boundary | Municipality Boundary | County Boundary

Reference:
esri Streets

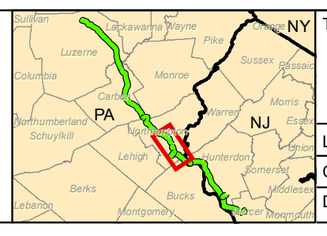
PennEast Pipeline Company, LLC

N W E S

0 0.5 1 2 Miles

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Meter (1.0)

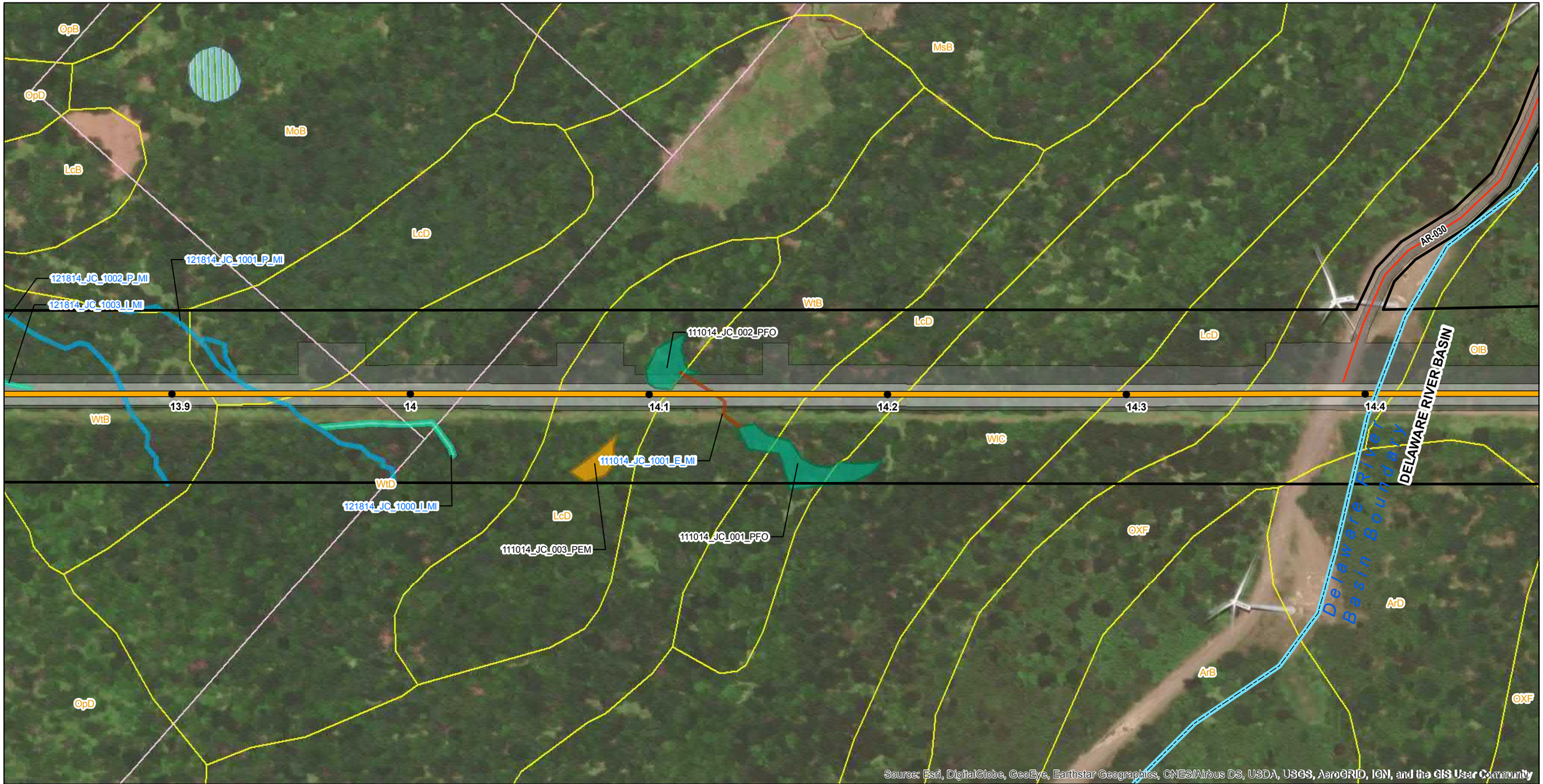
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania Index Sheets

LOC: Northampton County (main county in view)			REV.:
CKD. BY:	ENG.:	Date: 5/6/2020	W.O.:
DRN. BY: CDW	SCALE: See Graphic Scale	DWG. NO.:	SHEET: 5 of 5



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

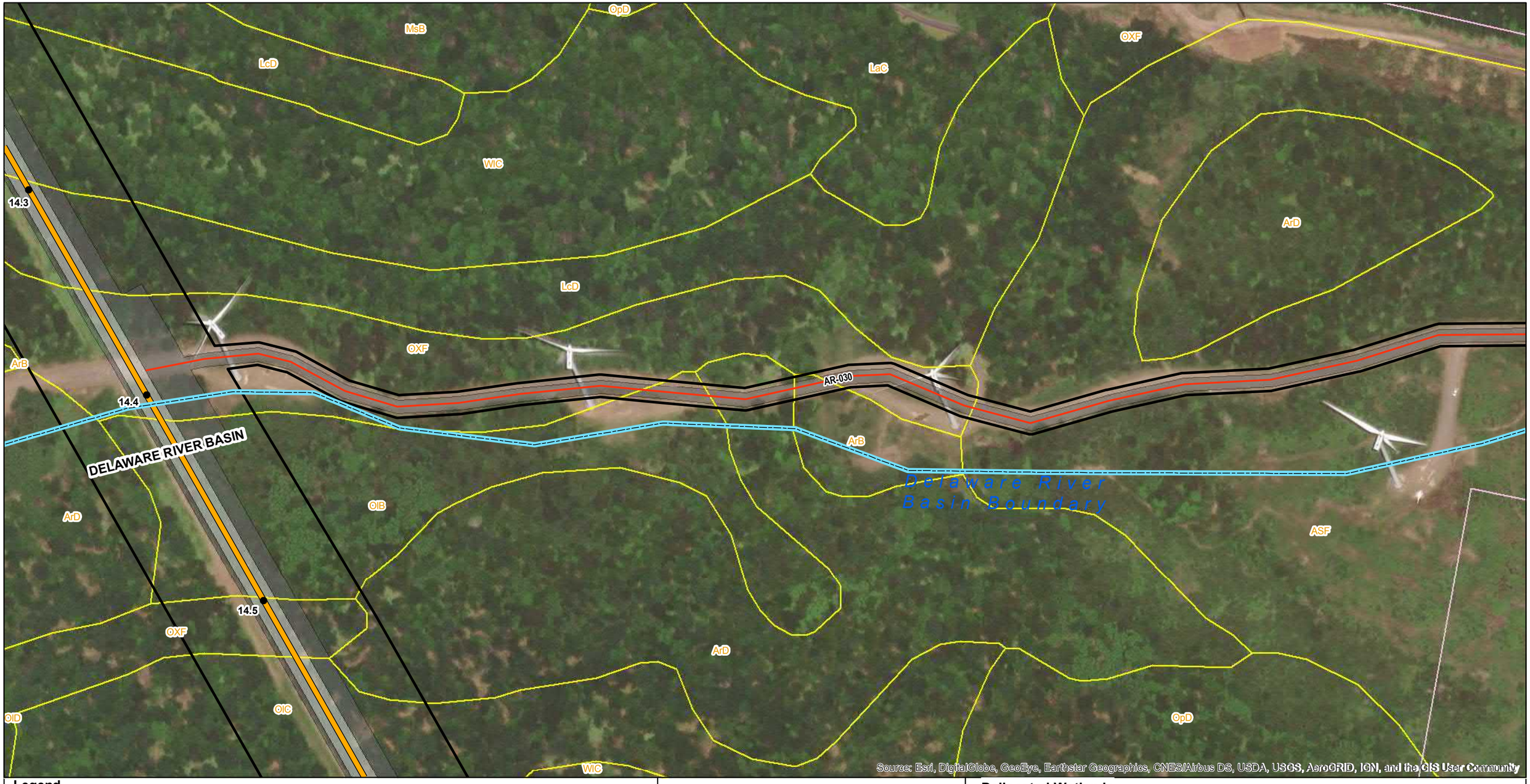
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 1 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

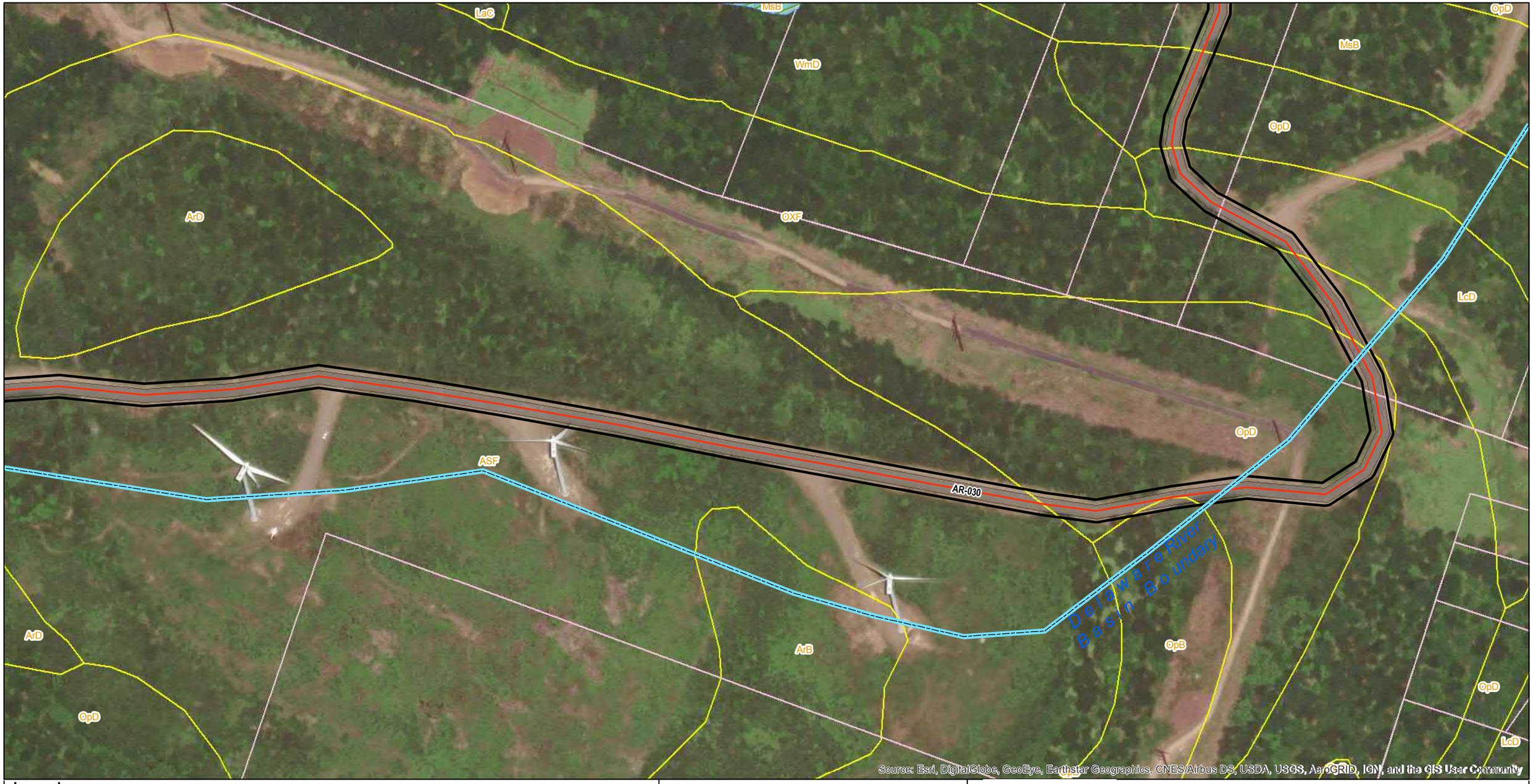
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 2 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

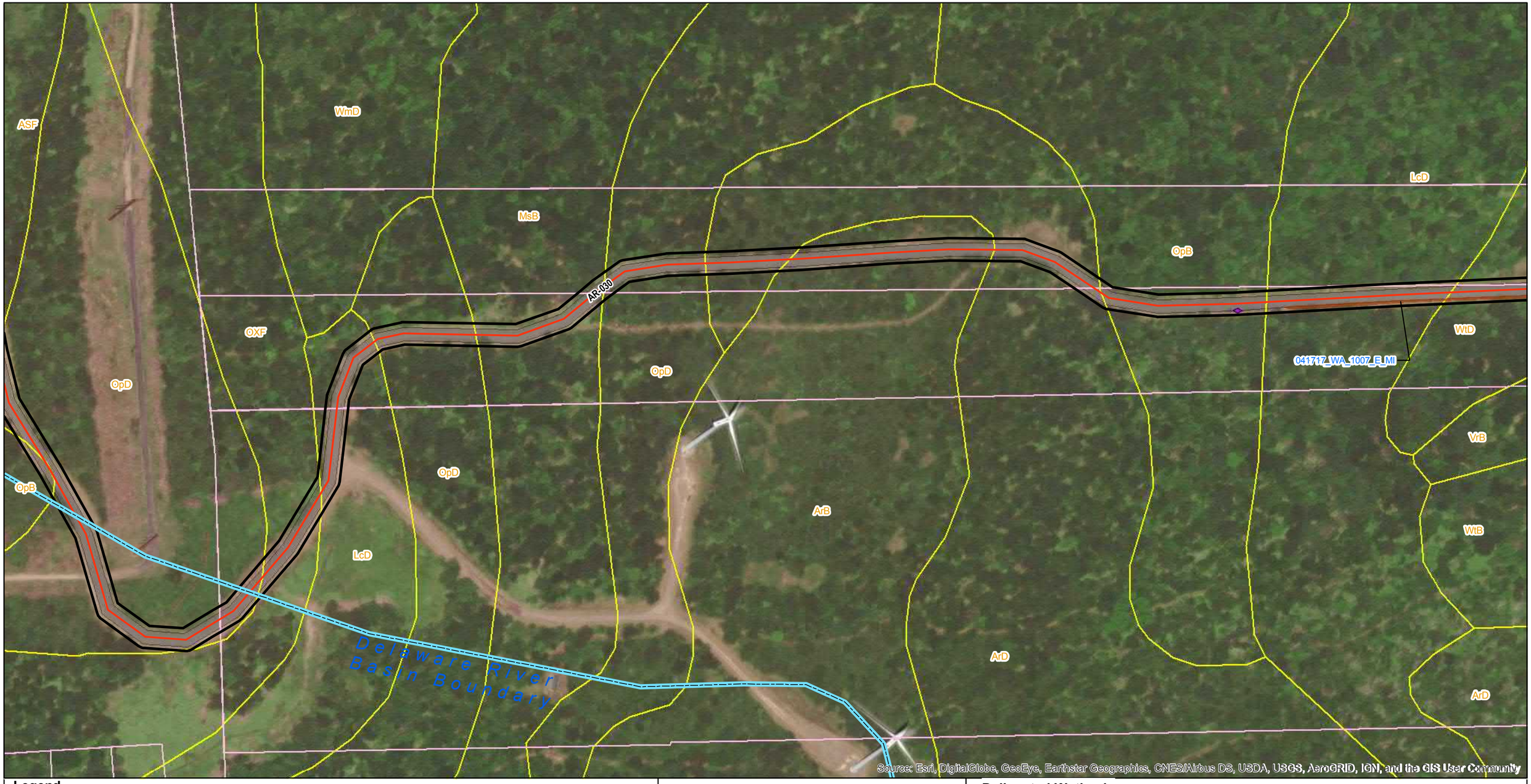
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 3 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

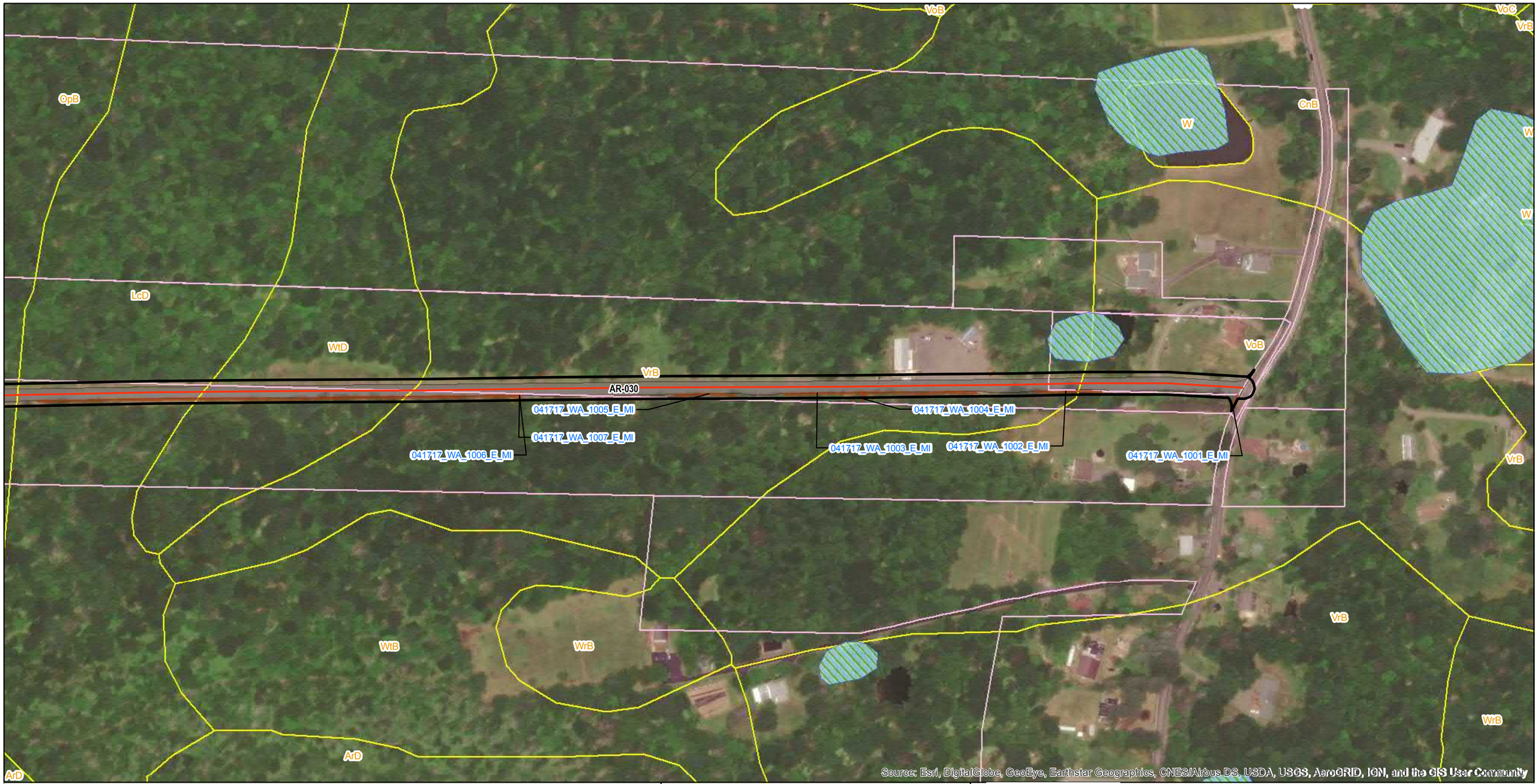
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 4 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary

Delineated Waterbodies

- Ephemeral

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

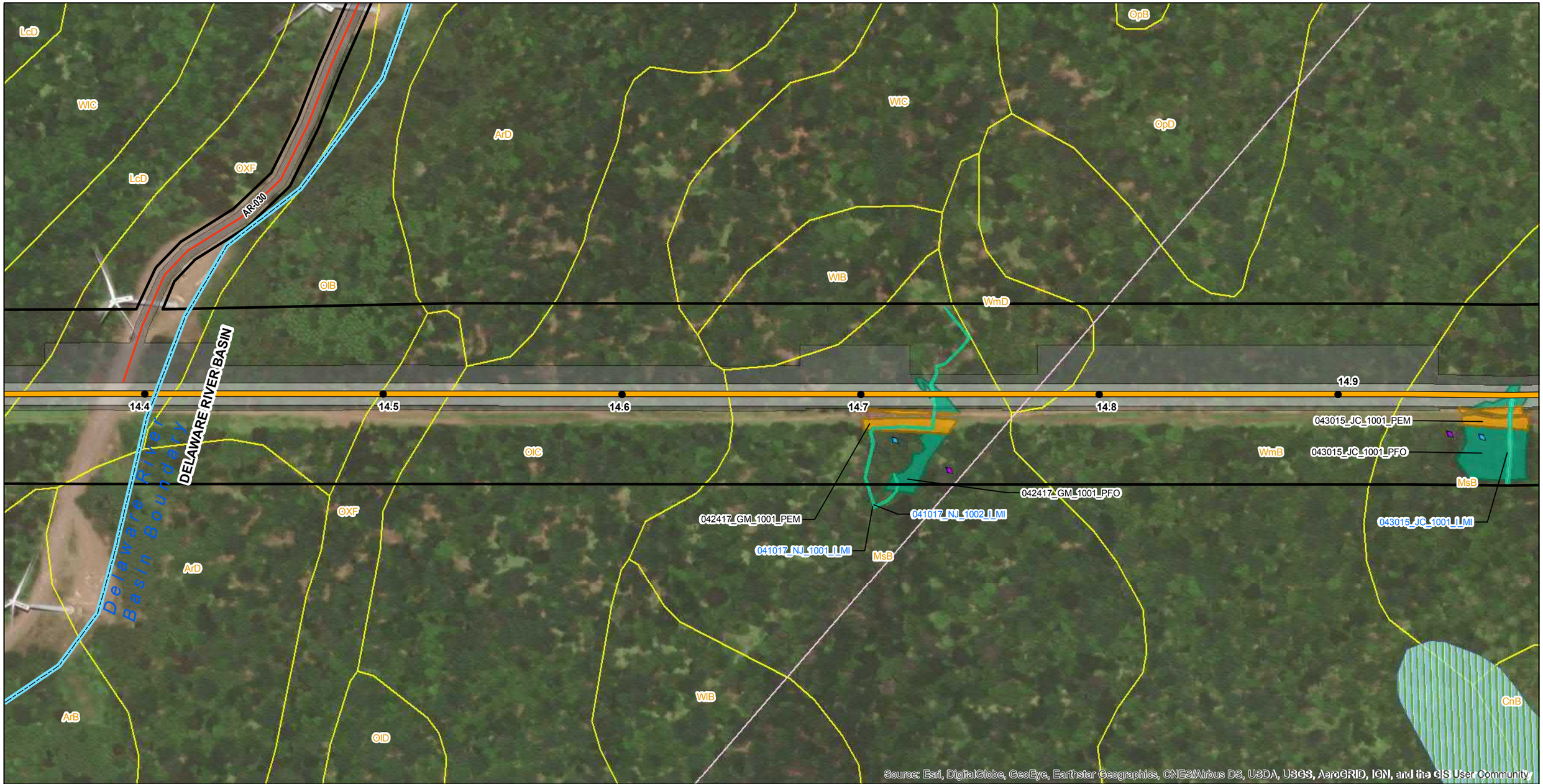
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 5 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 6 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

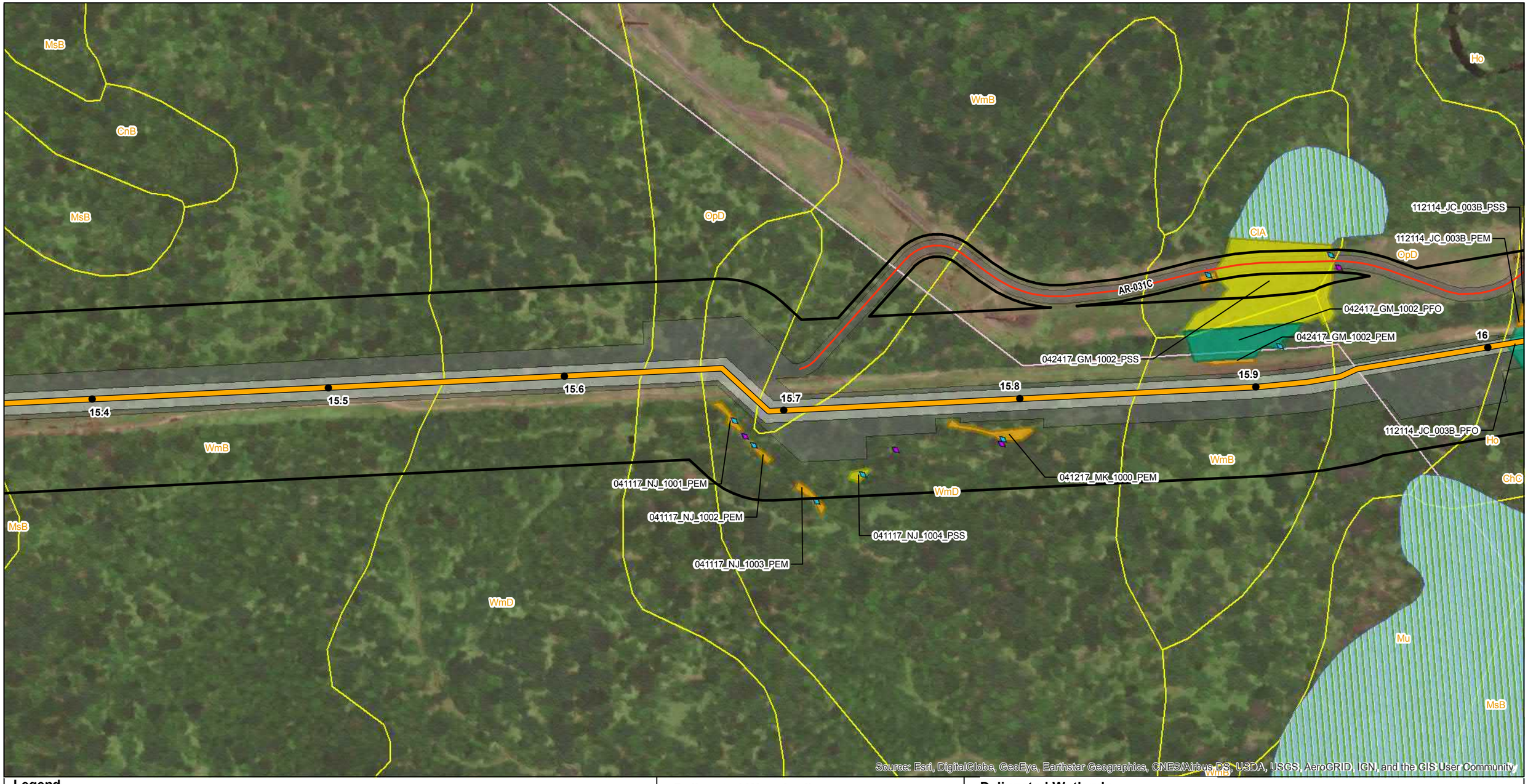
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 7 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

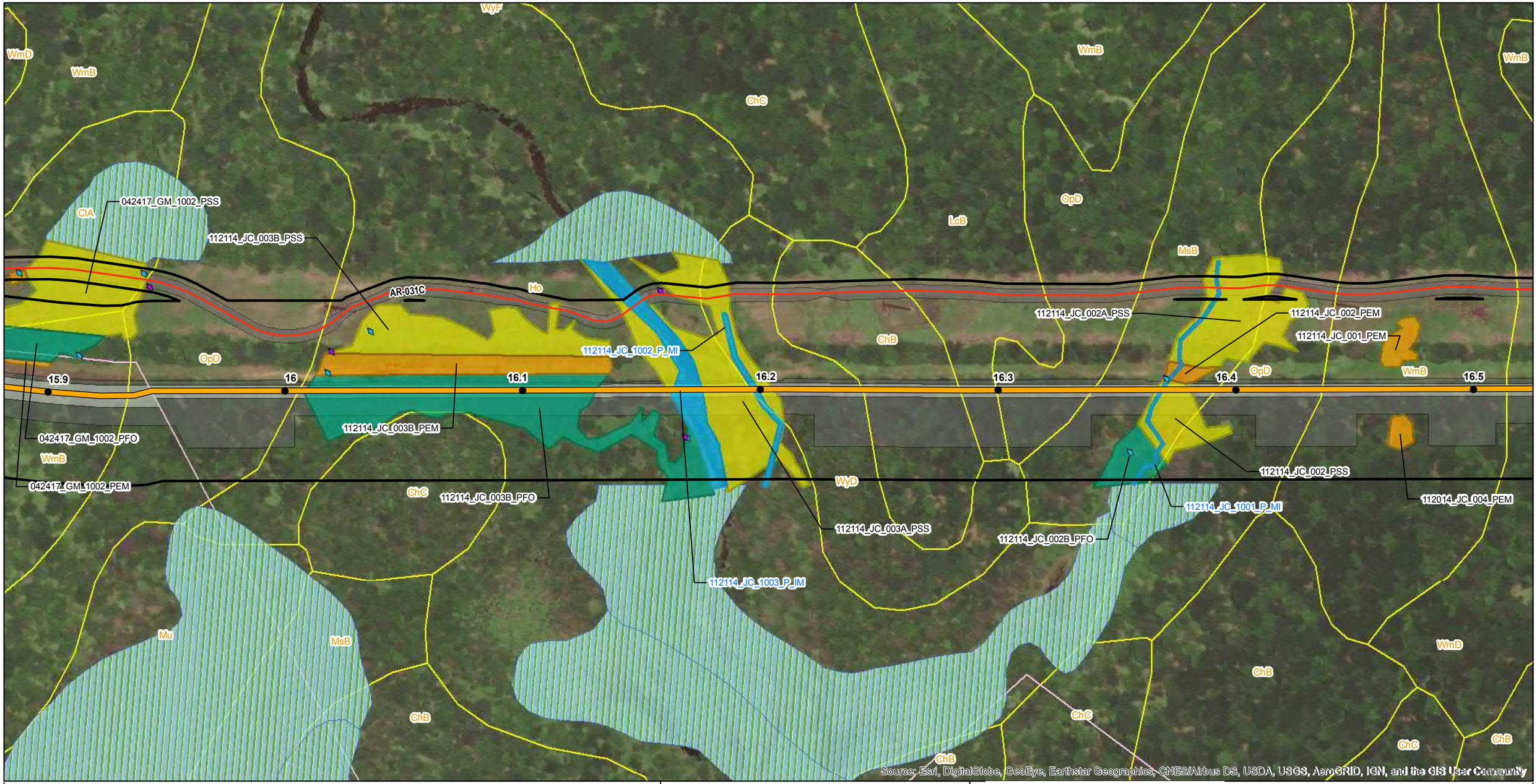
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 8 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

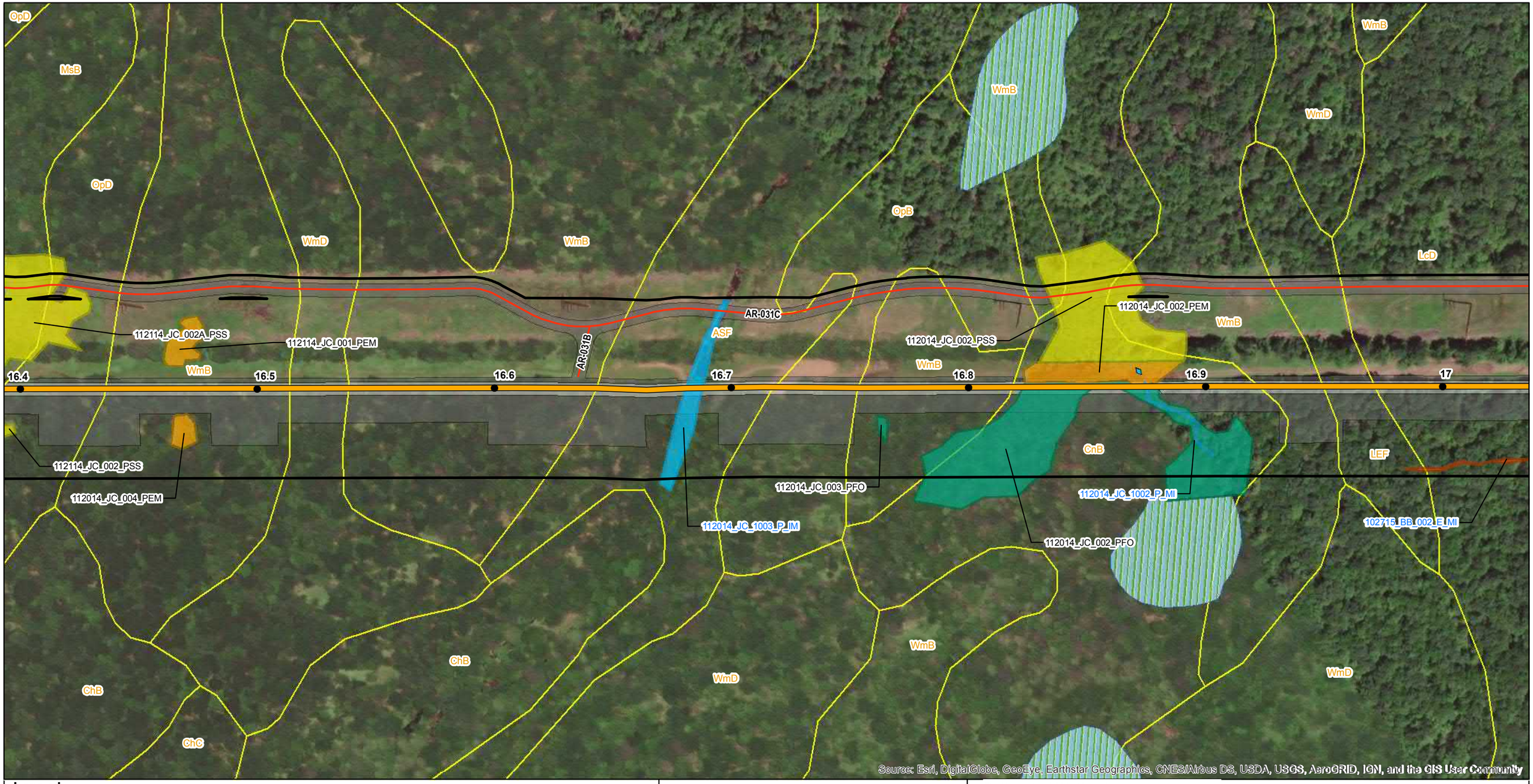
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 9 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

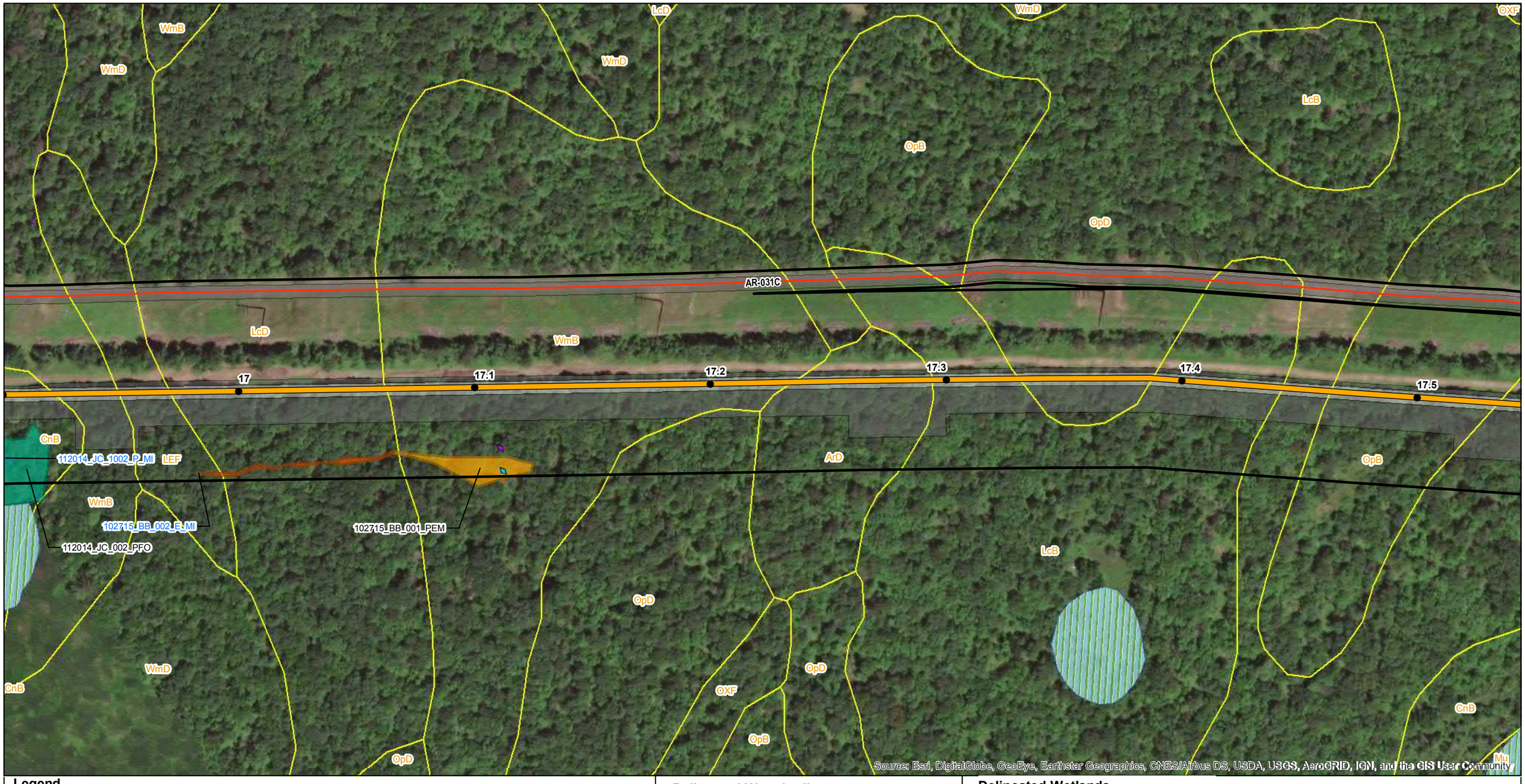
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 10 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

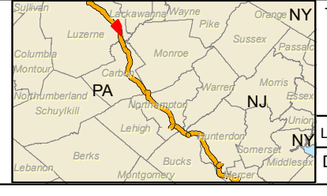
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

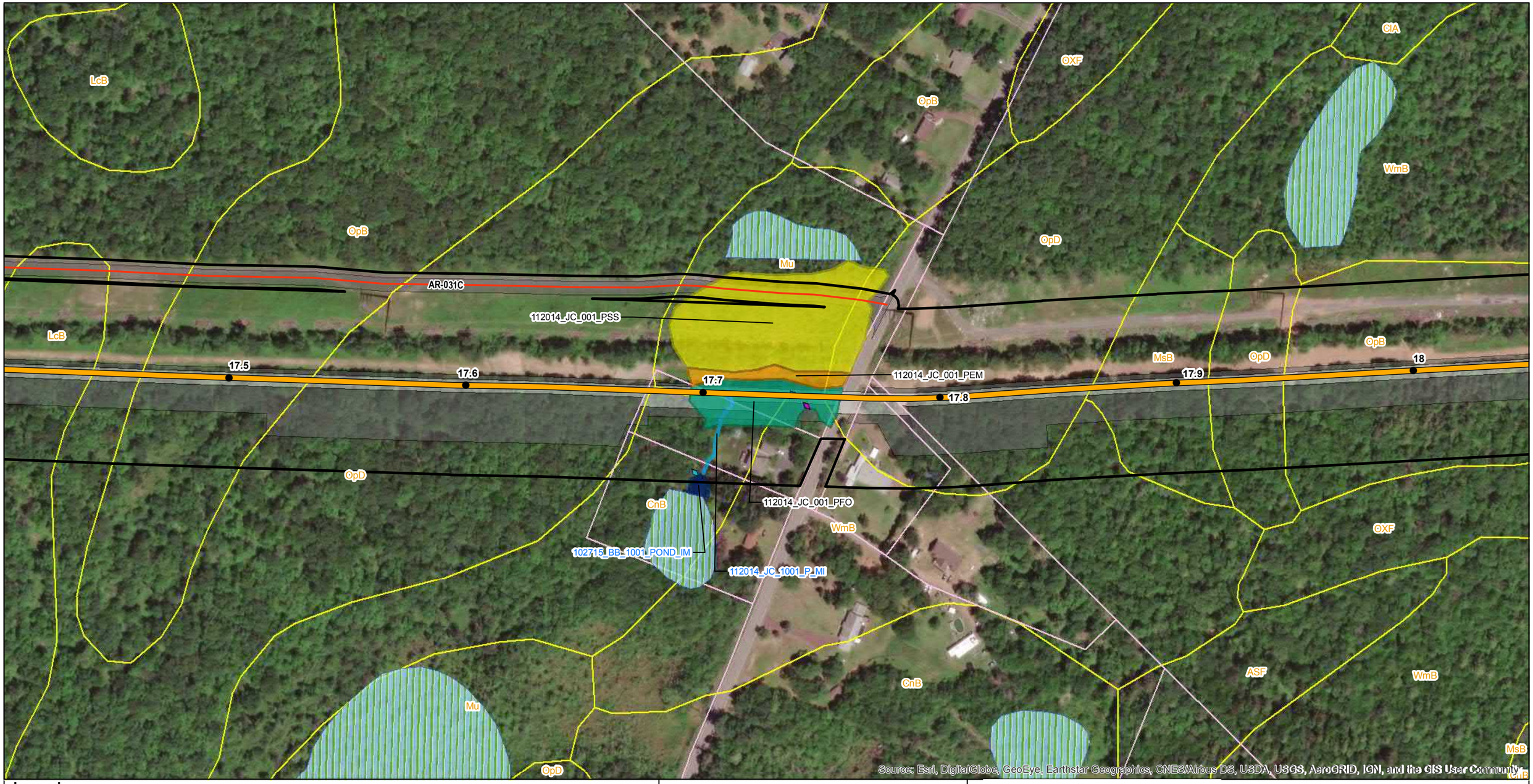


TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA | Date: 5/6/2020

DRN. BY: NAB | CKD. BY: SKB | REV.: | SCALE: See Graphic Scale | SHEET: 11 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial
- Pond

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

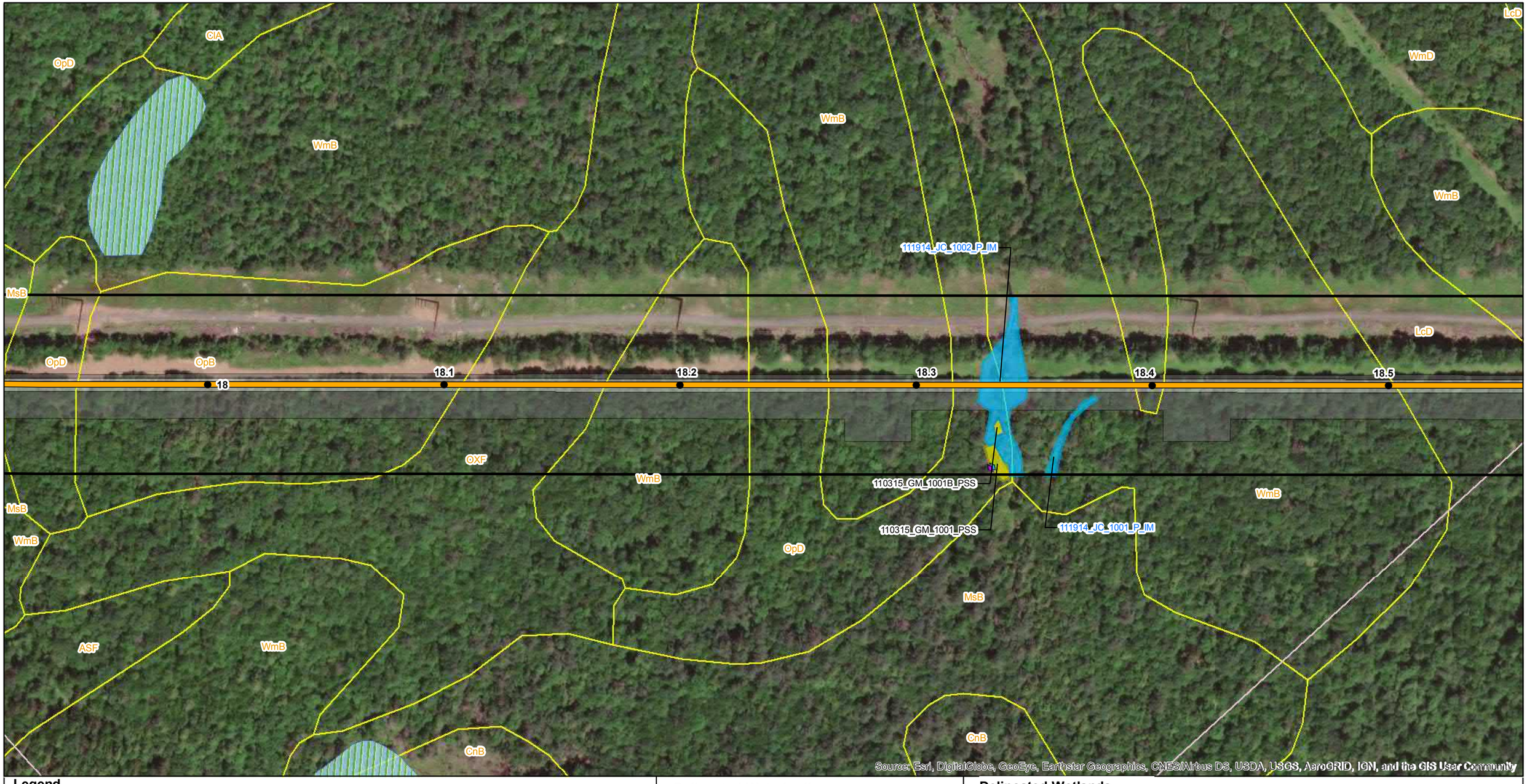
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 12 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

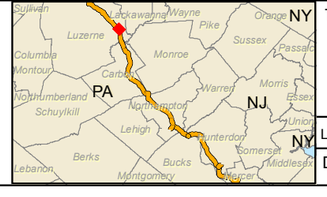
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 13 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

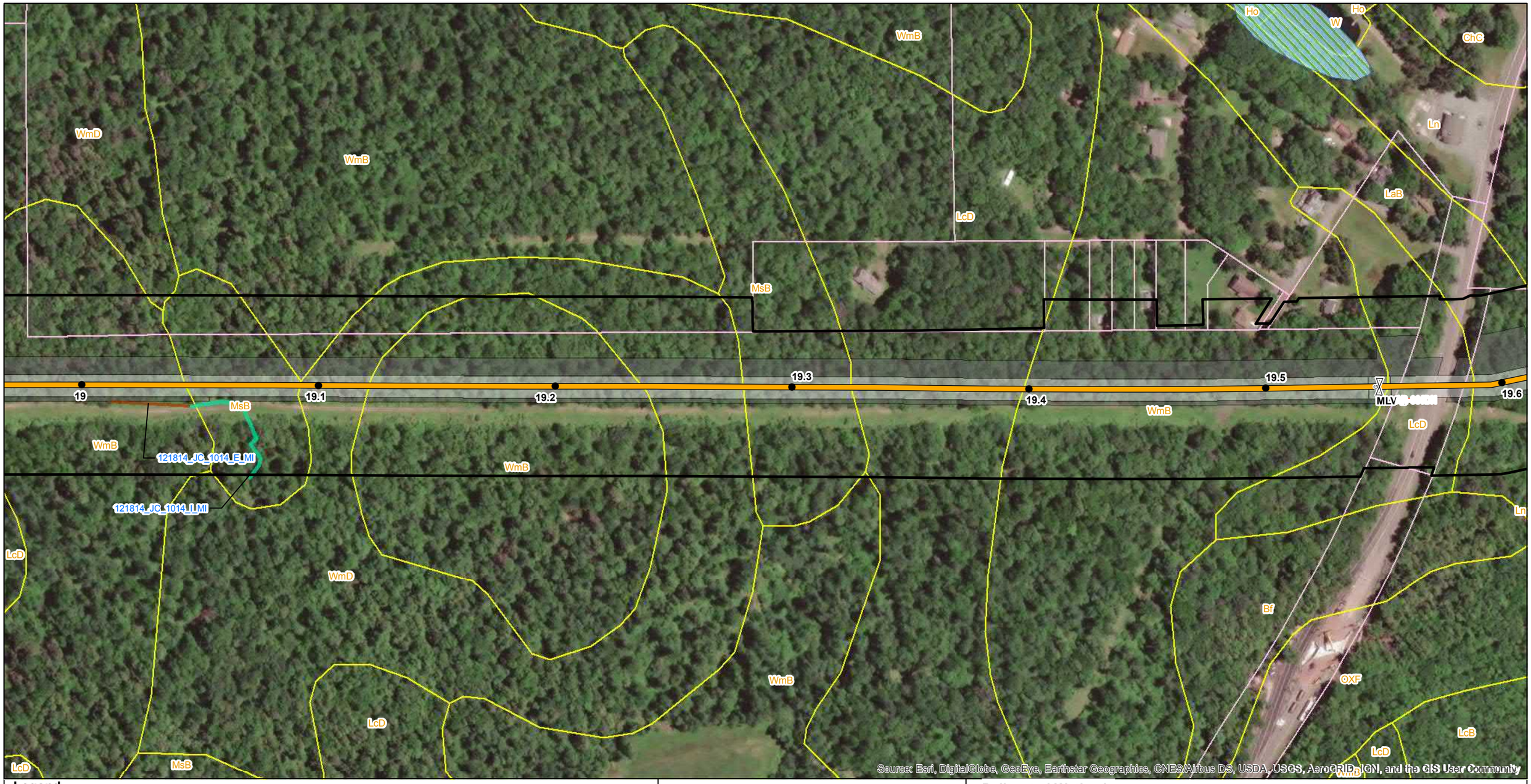
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 14 of 138



Legend

- Mile Post
- Mainline Block Valve
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

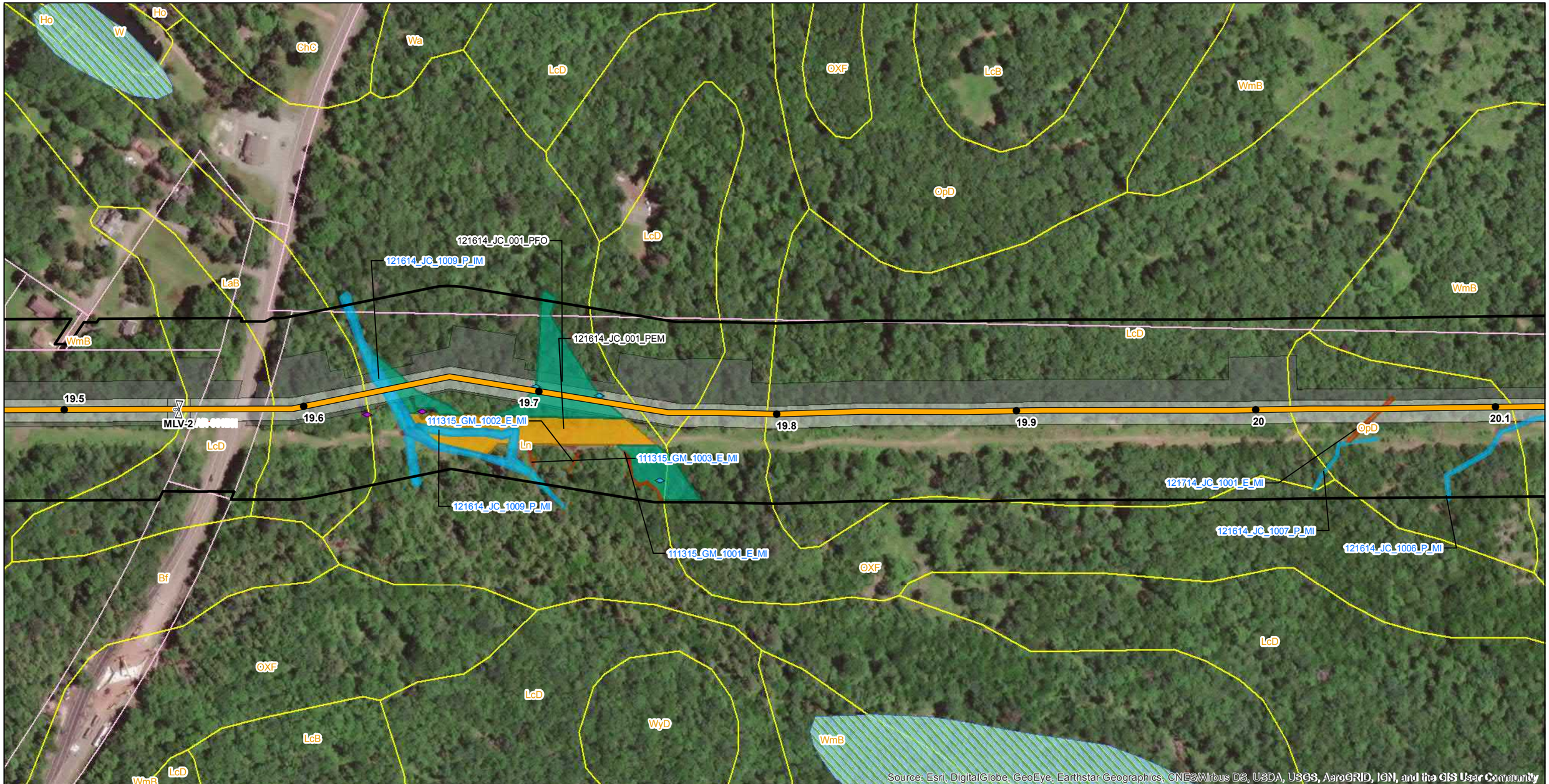
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 15 of 138



Legend

- Mile Post
- Mainline Block Valve
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 16 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

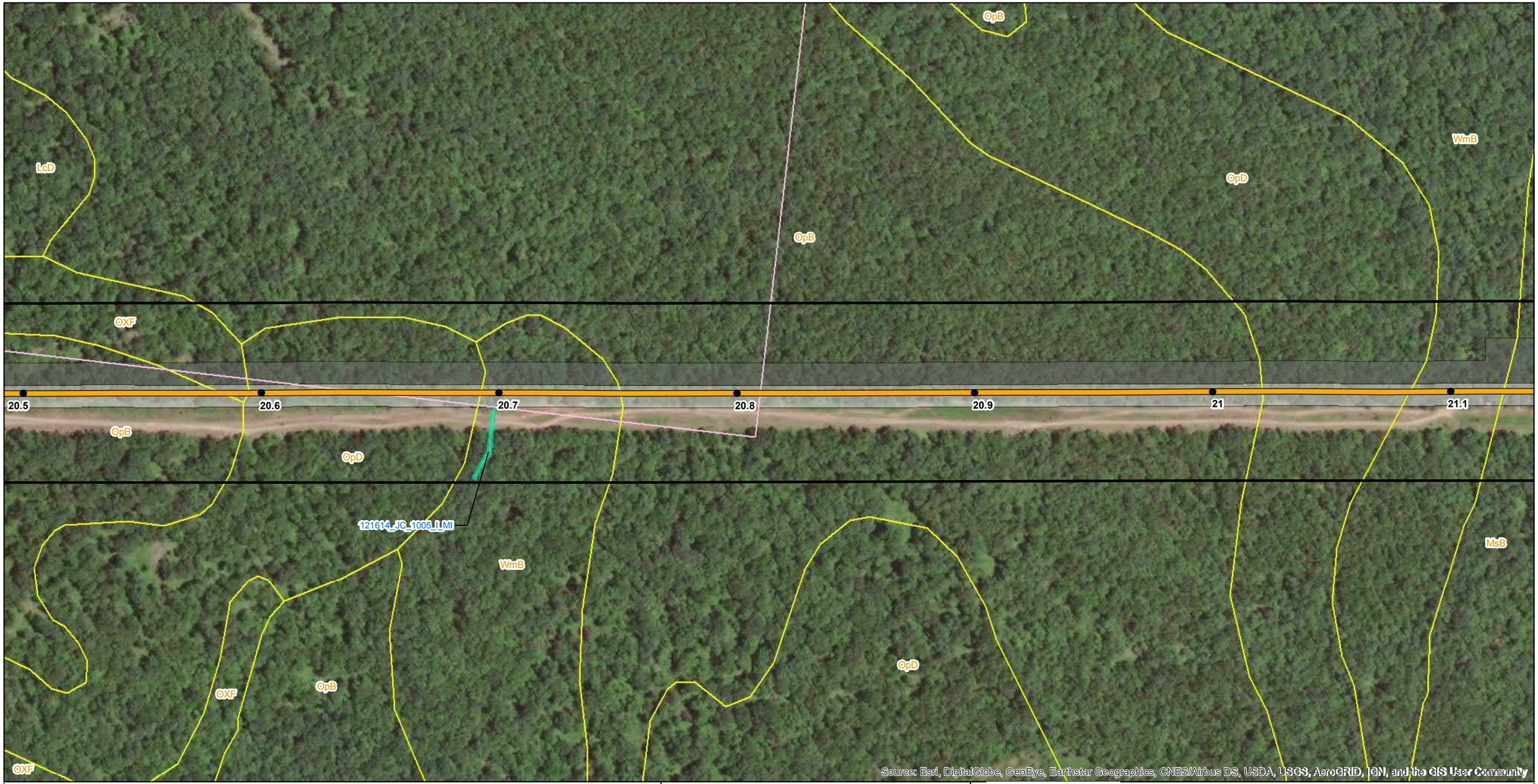
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 17 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

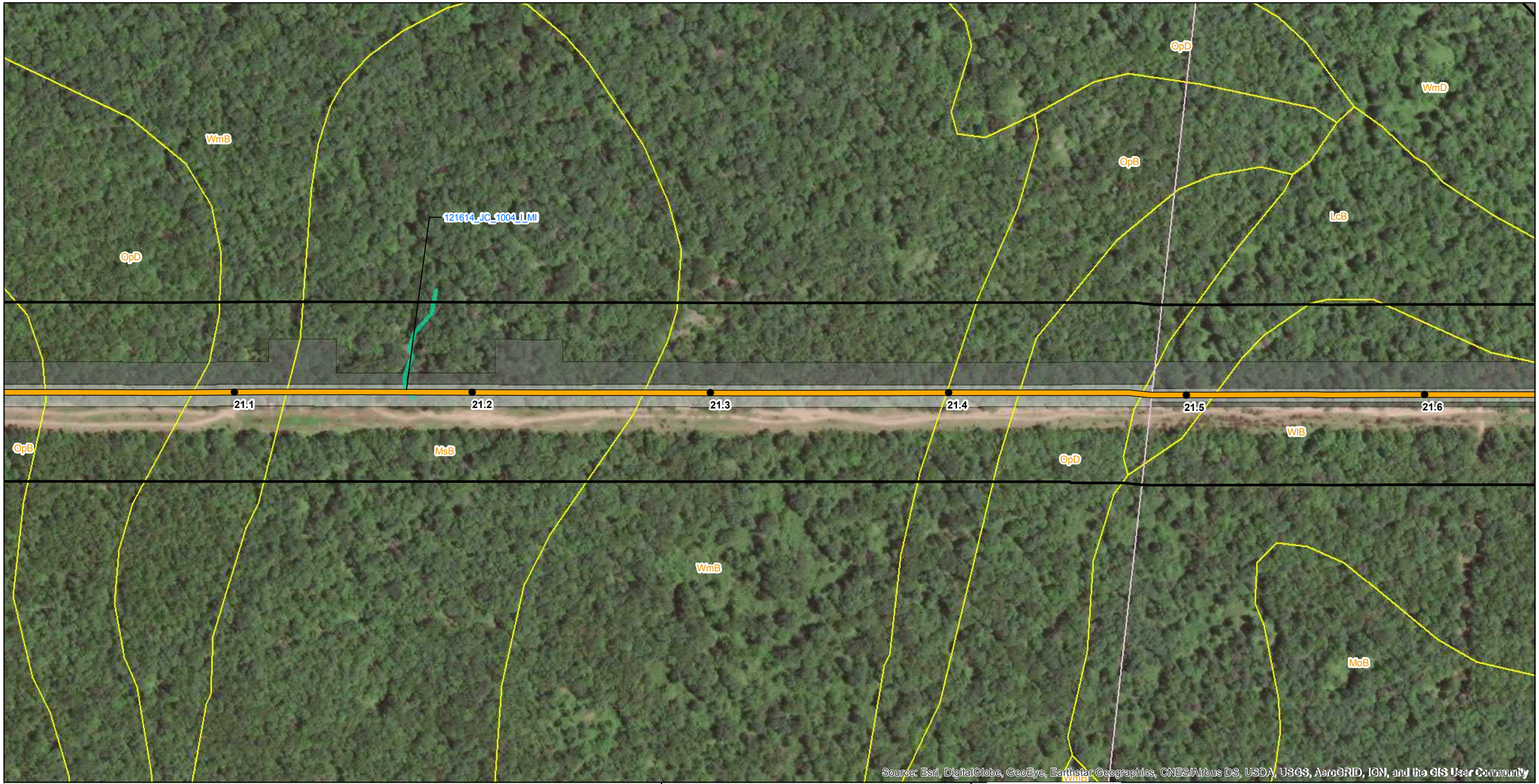
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 18 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

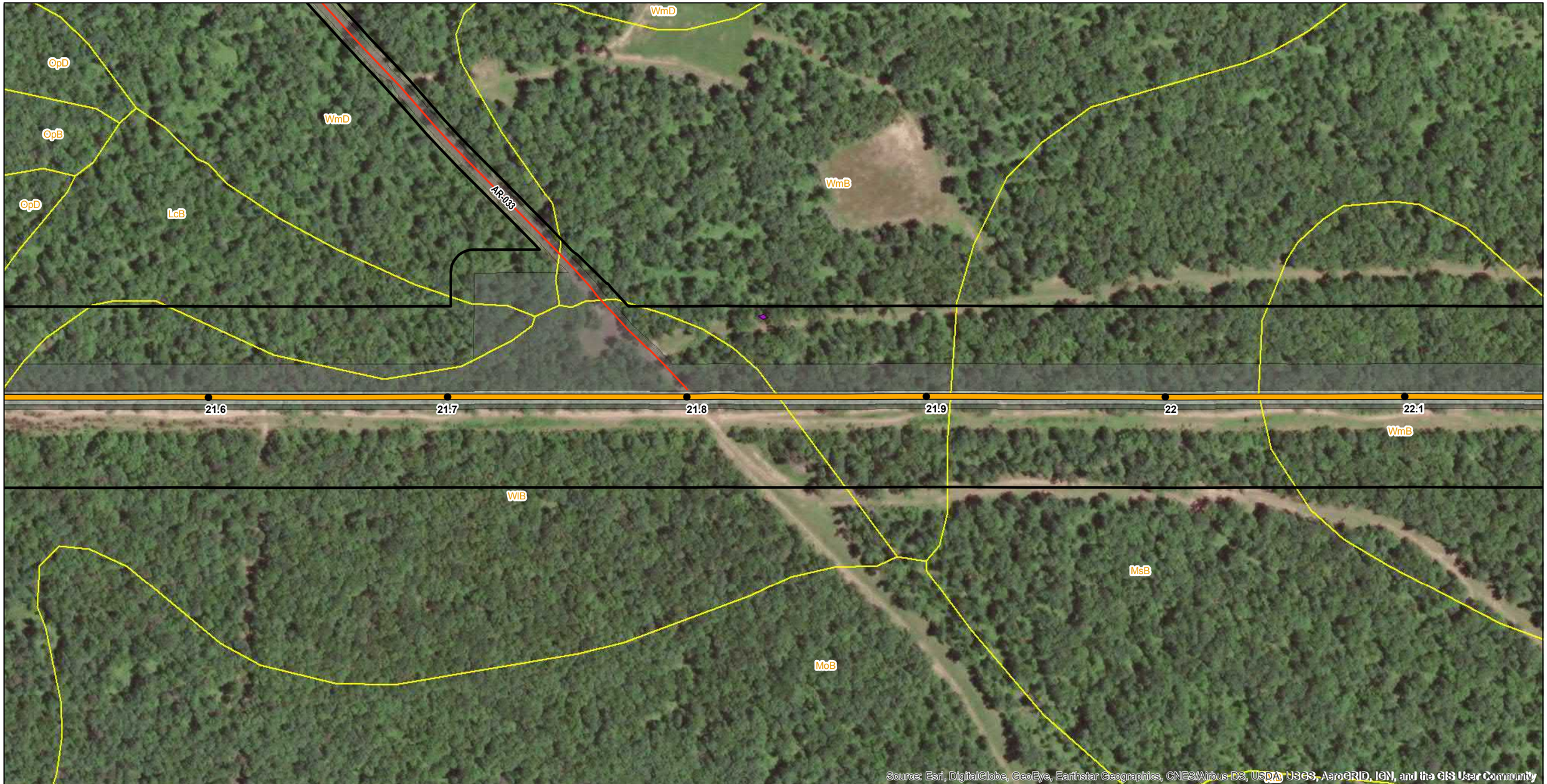
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 19 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 20 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

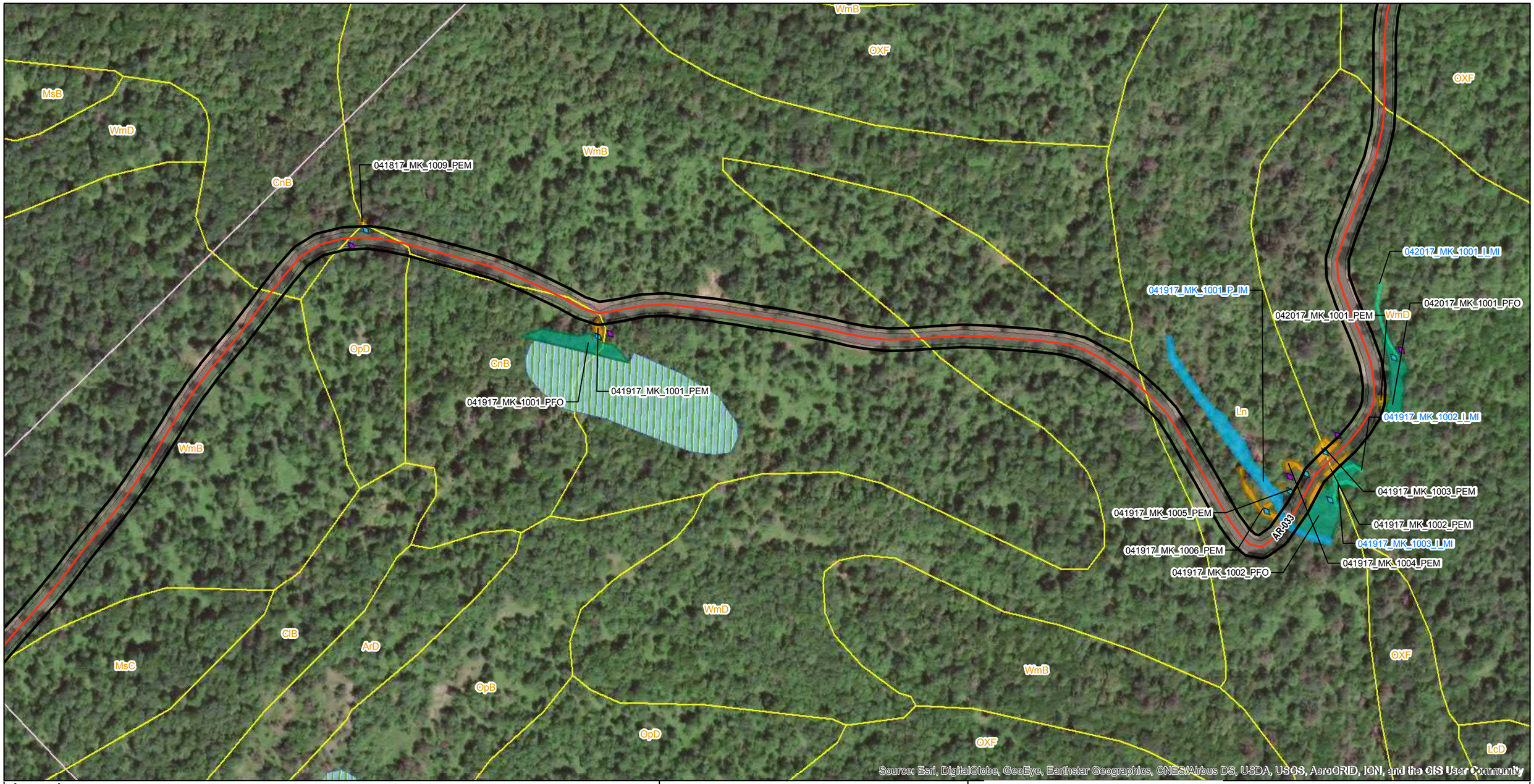
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP/BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 21 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 22 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

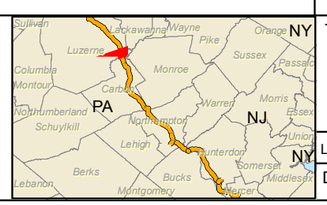
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 23 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 24 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- PFO
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 25 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

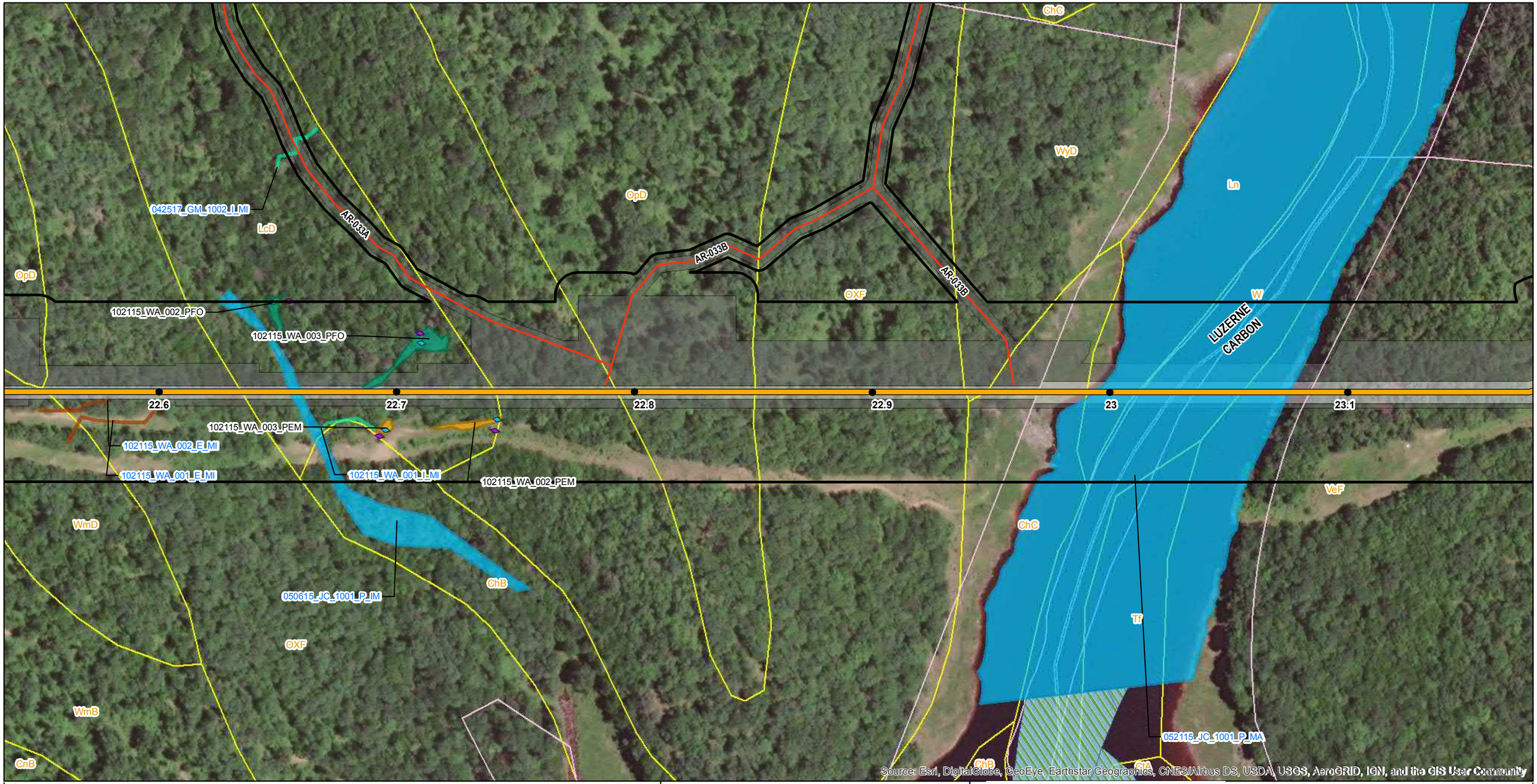
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 26 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

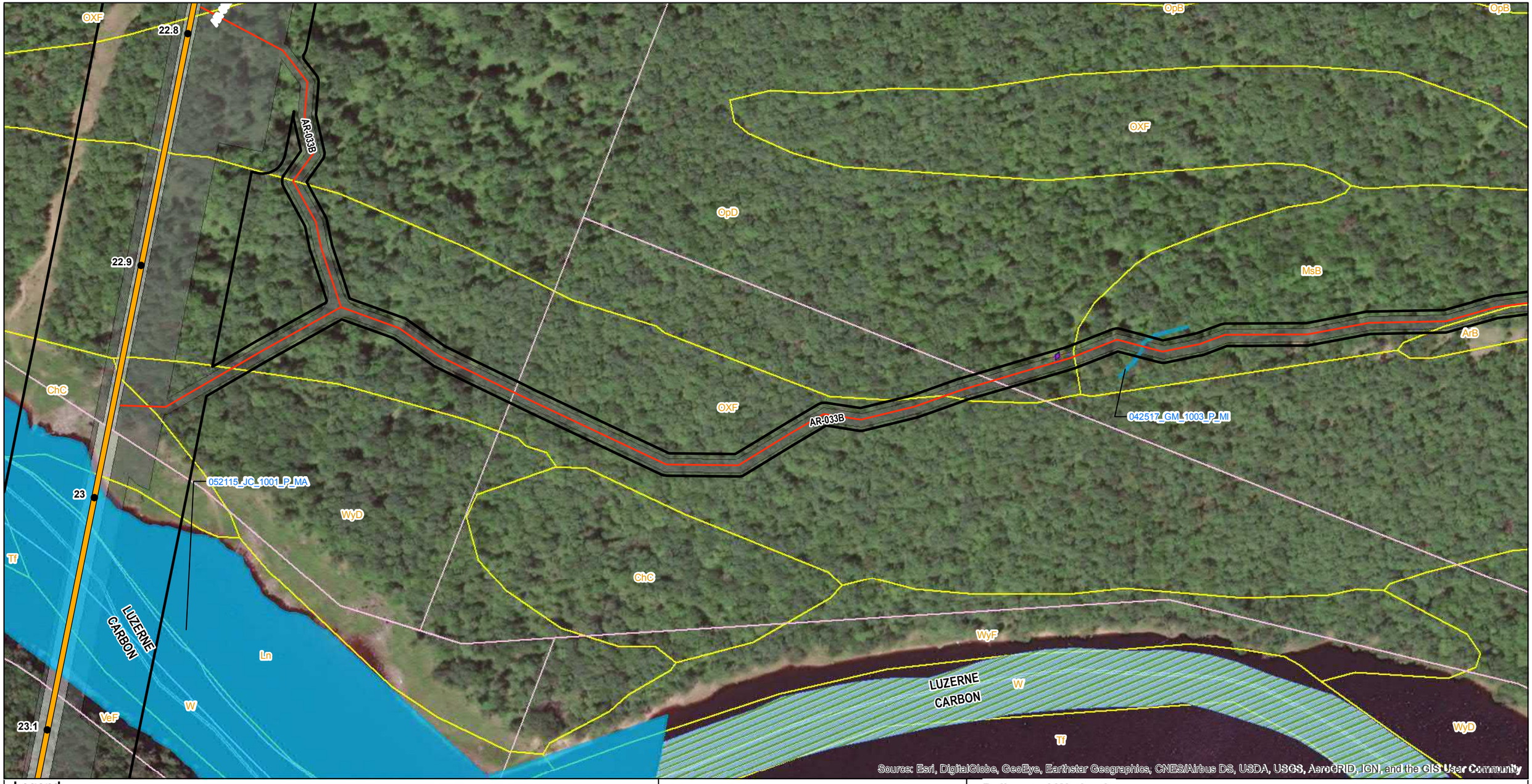
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP/KIDDER TWP, LUZERNE/CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 27 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BEAR CREEK TWP/BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 28 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PFO
- Upland Soil Pit
- Wetland Soil Pit

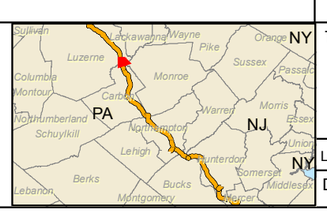
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

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Projection: Transverse Mercator
Linear Unit: Foot (1.0)

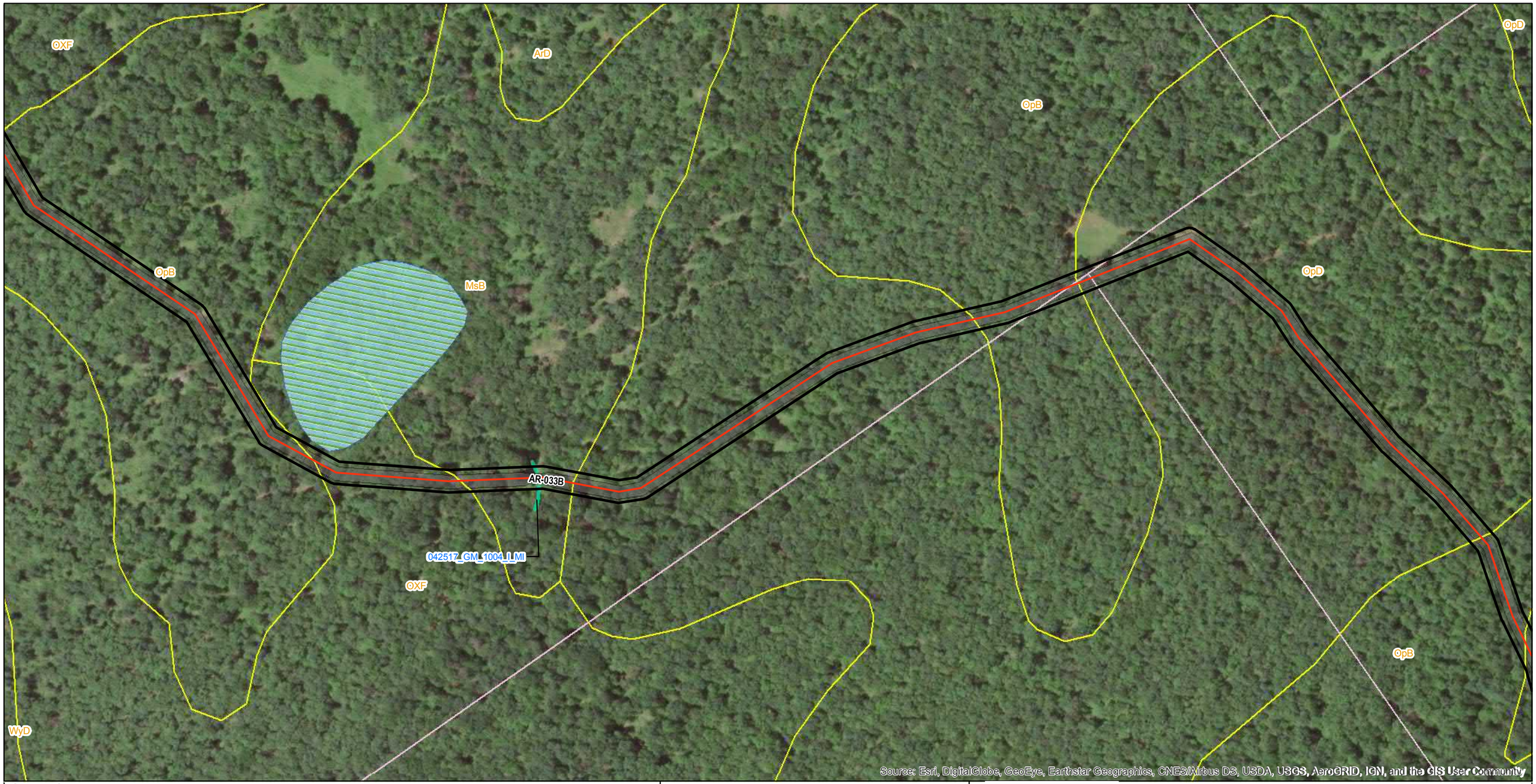
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 29 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 30 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:BUCK TWP, LUZERNE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 31 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 32 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

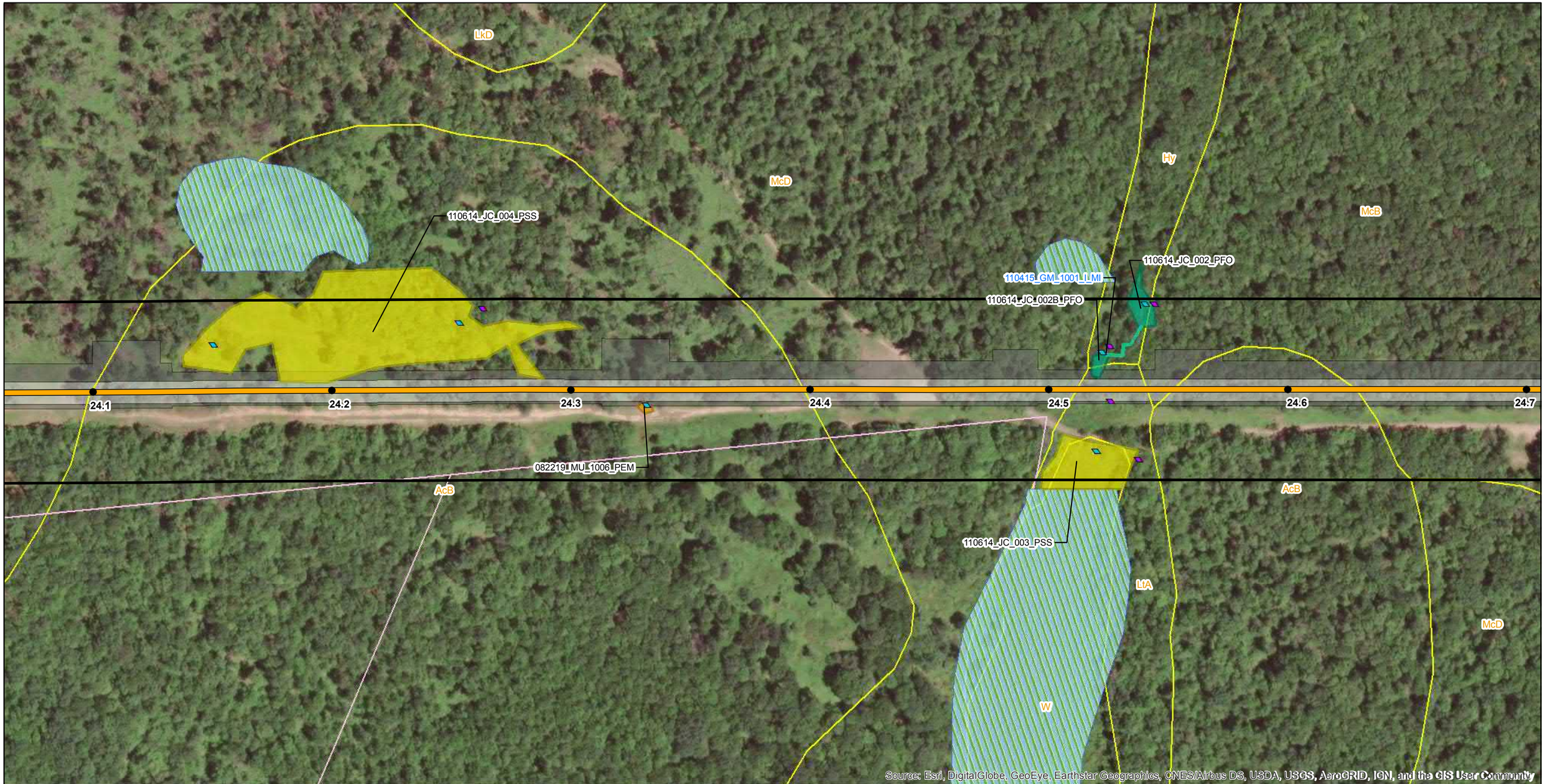
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 33 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 34 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 35 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 36 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 37 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 38 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

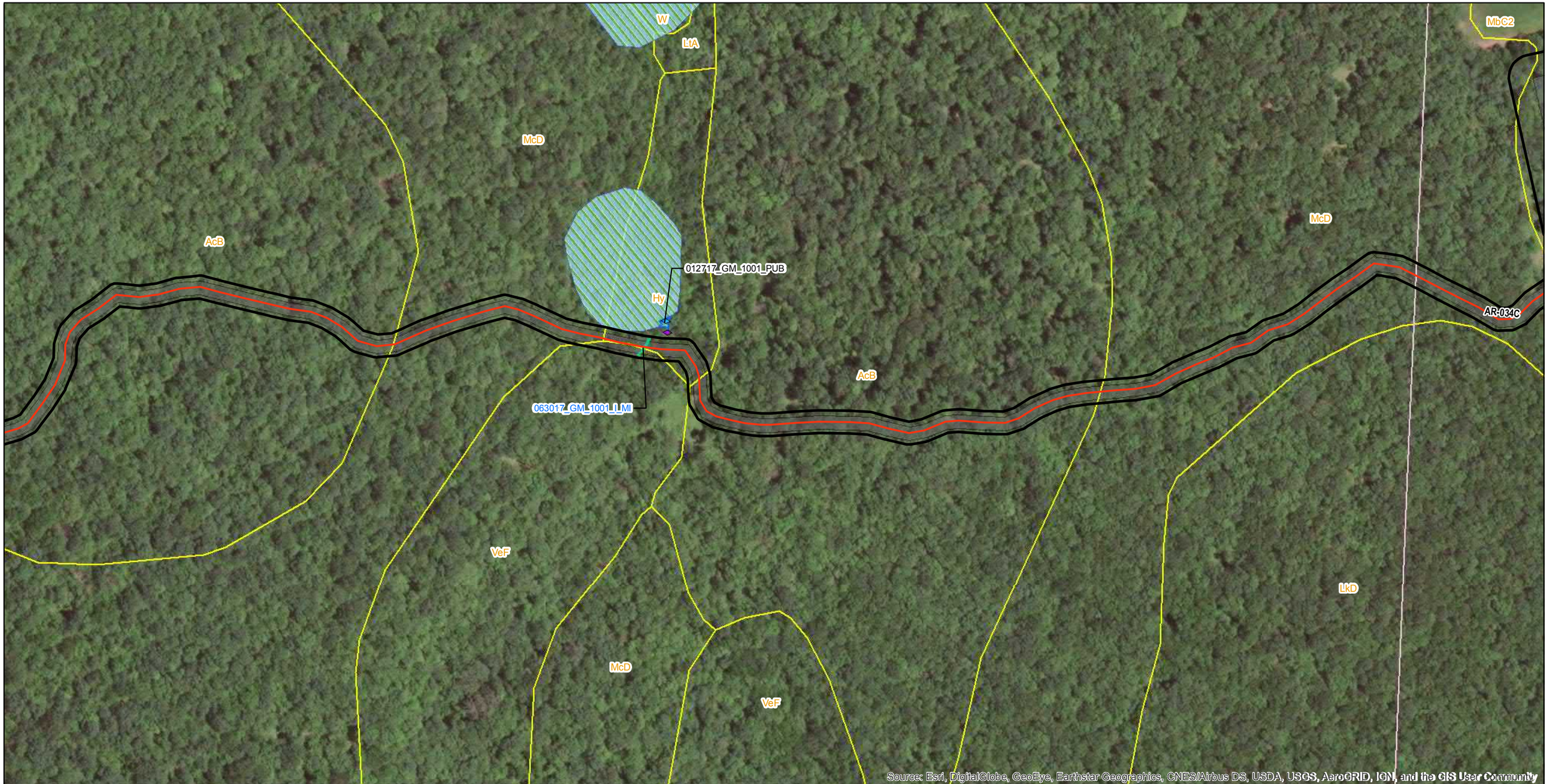
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 39 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PUB
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 40 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

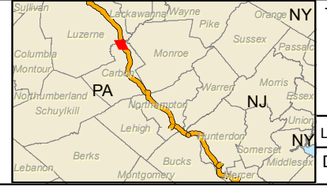
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 41 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 42 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

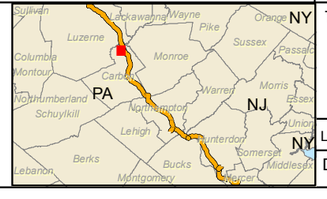
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 43 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 44 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

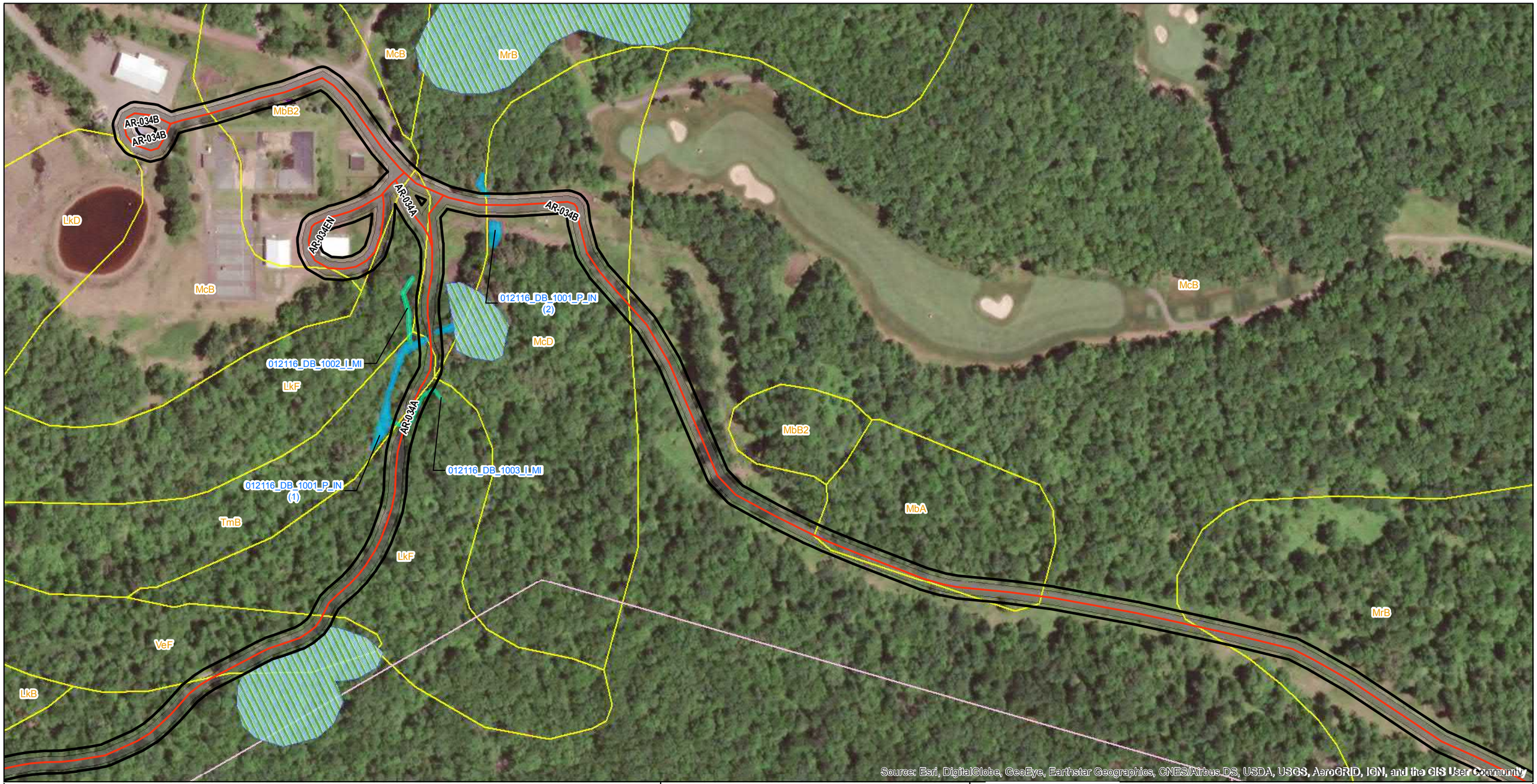
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 45 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 46 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

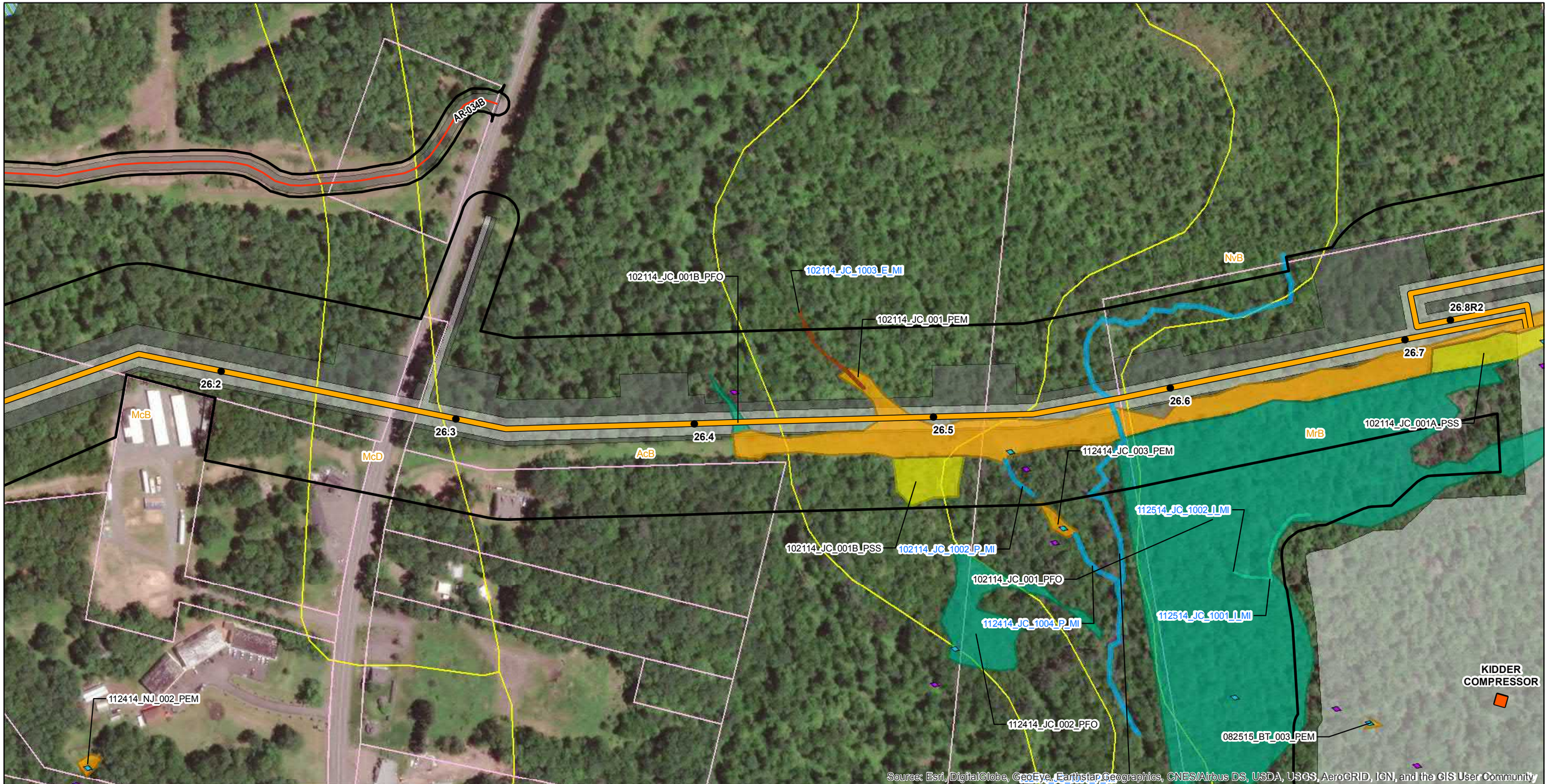
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 47 of 138



Legend

- Mile Post
- Compressor Station
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 48 of 138



Legend

- Mile Post
- Compressor Station
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 49 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

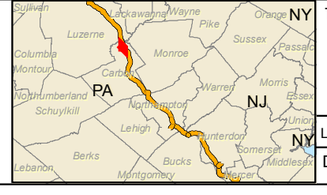
PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

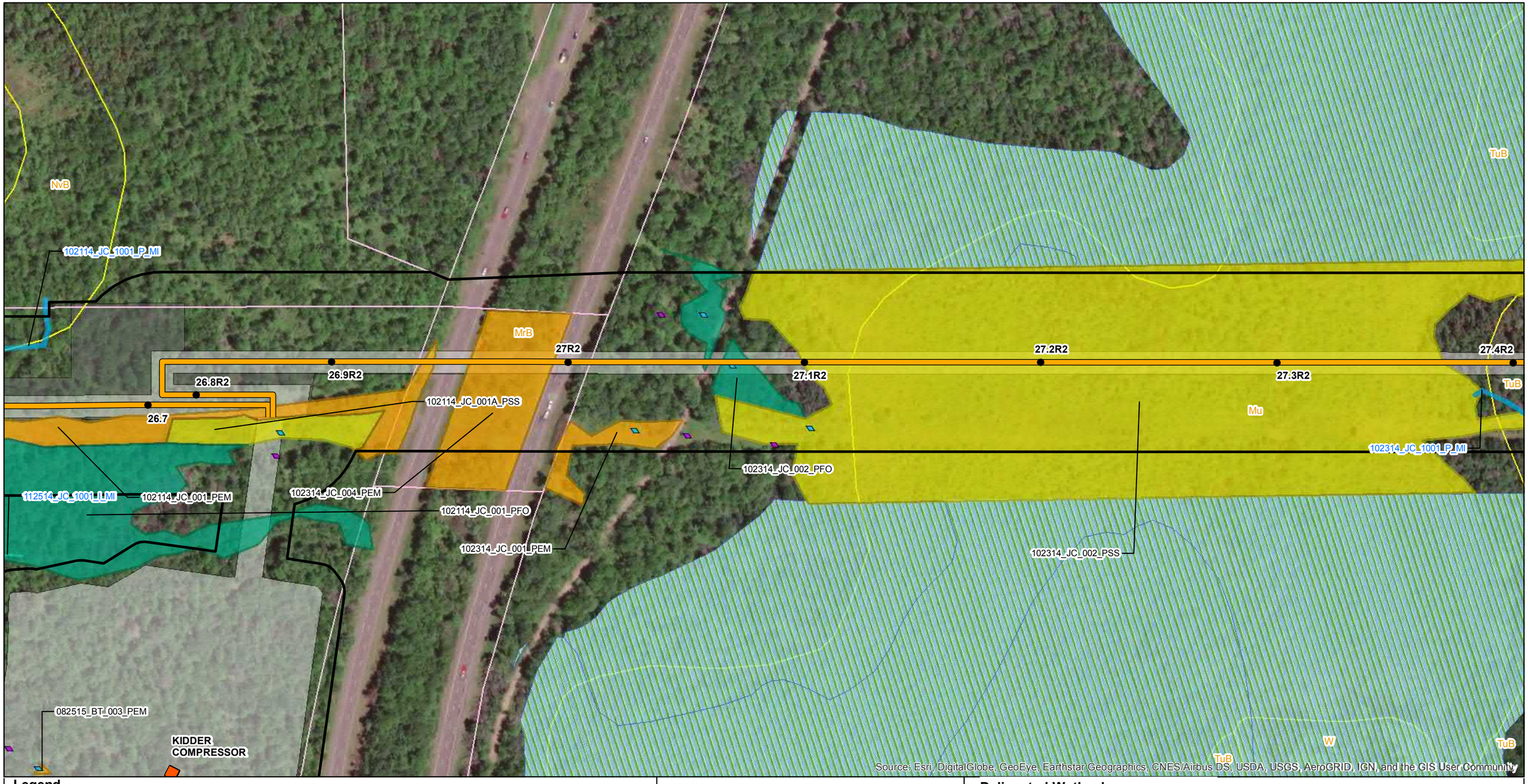
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 50 of 138



Legend

- Mile Post
- Compressor Station
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 51 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 52 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 53 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 54 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 55 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

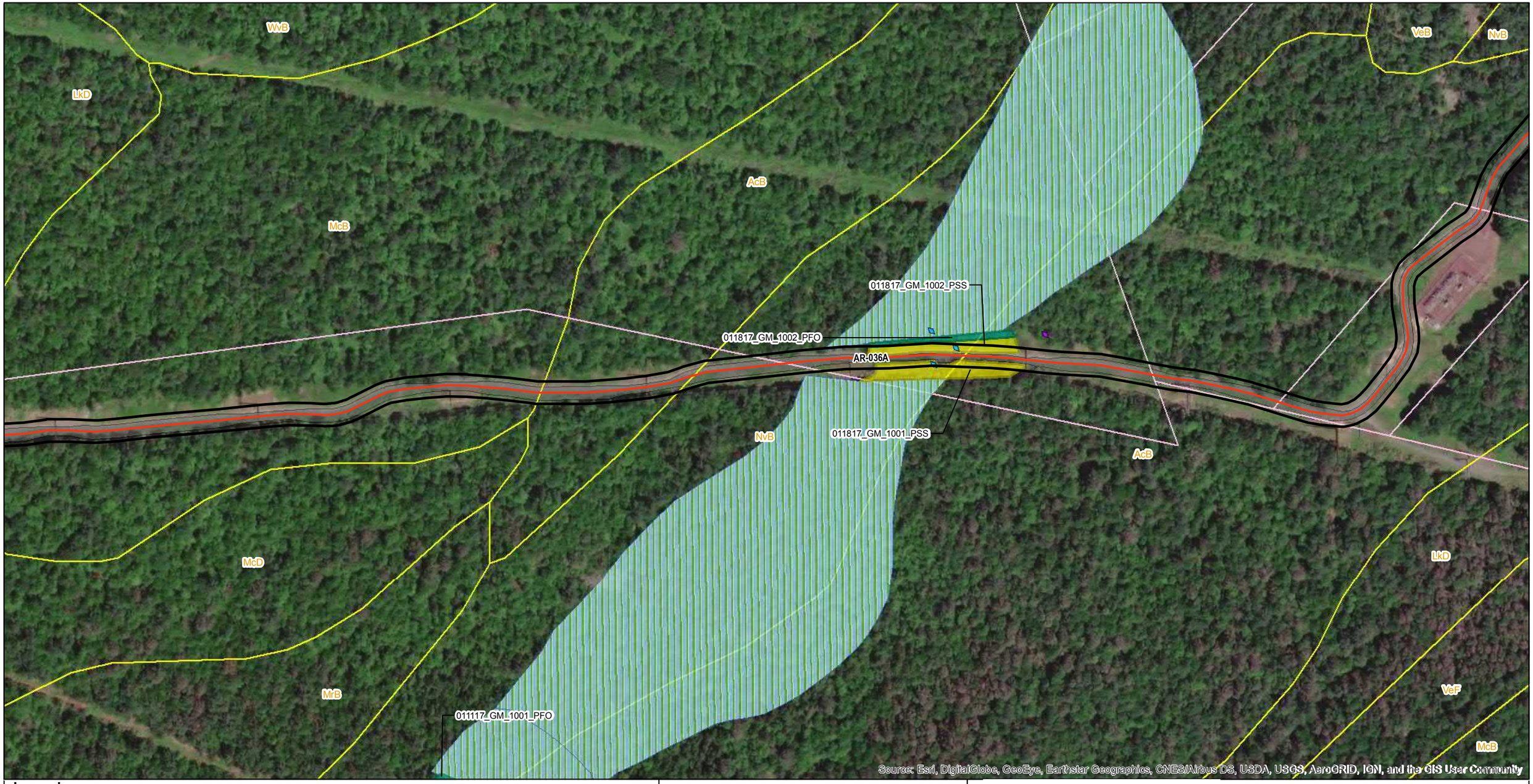
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 56 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PFO
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 57 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PFO
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 58 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 59 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 60 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

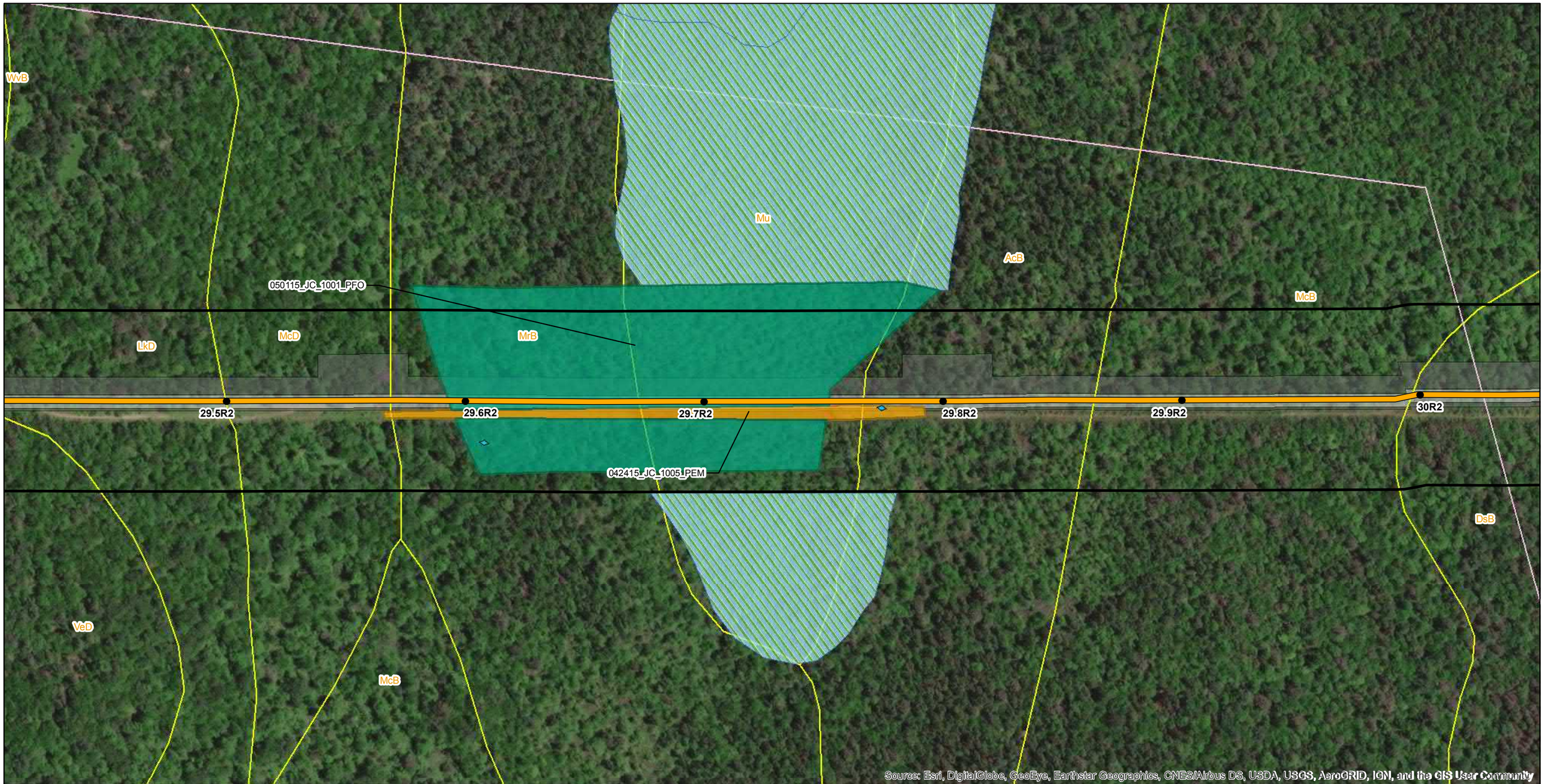
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 61 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

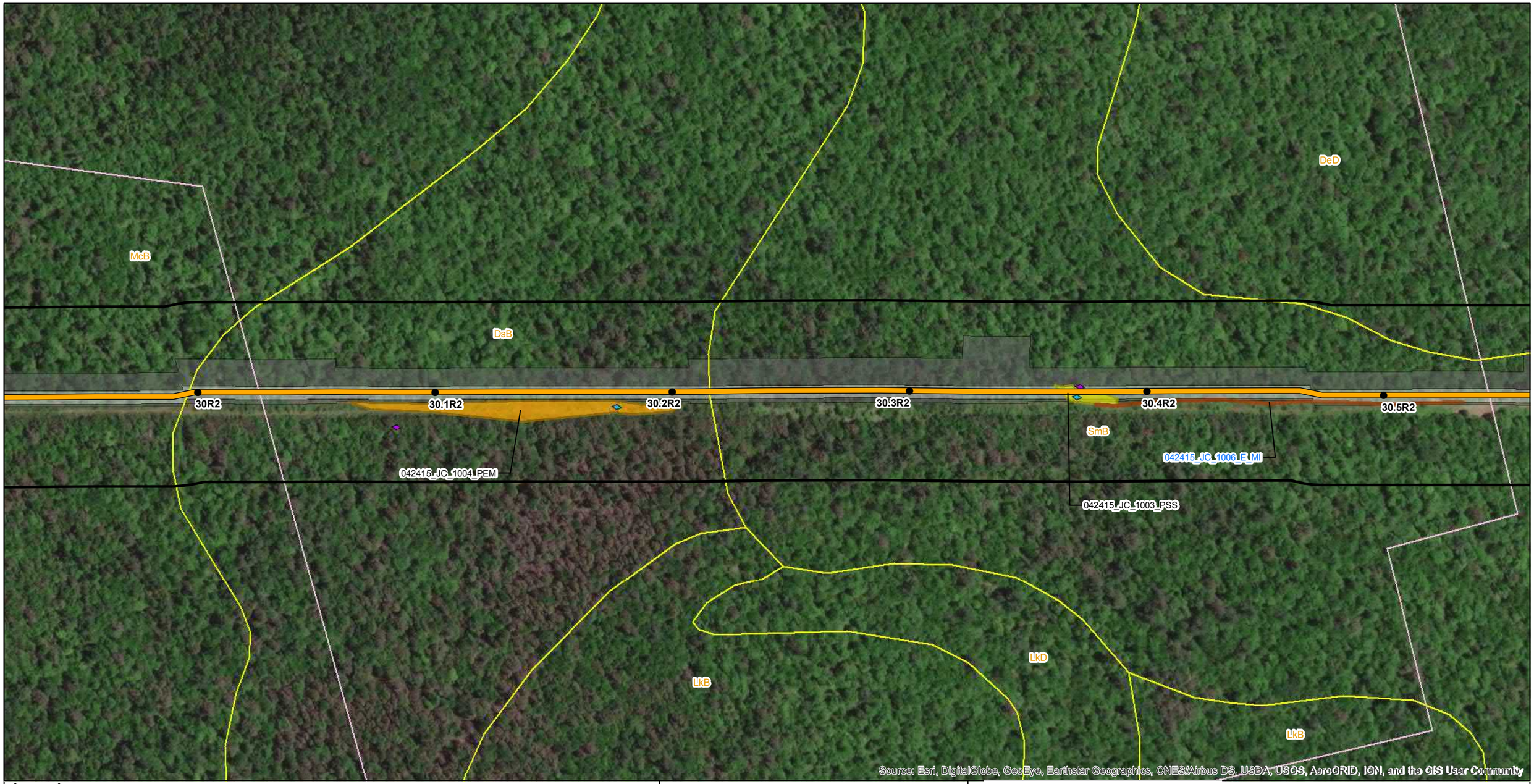
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 62 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 63 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral

Delineated Wetlands

- PEM
- PFO
- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

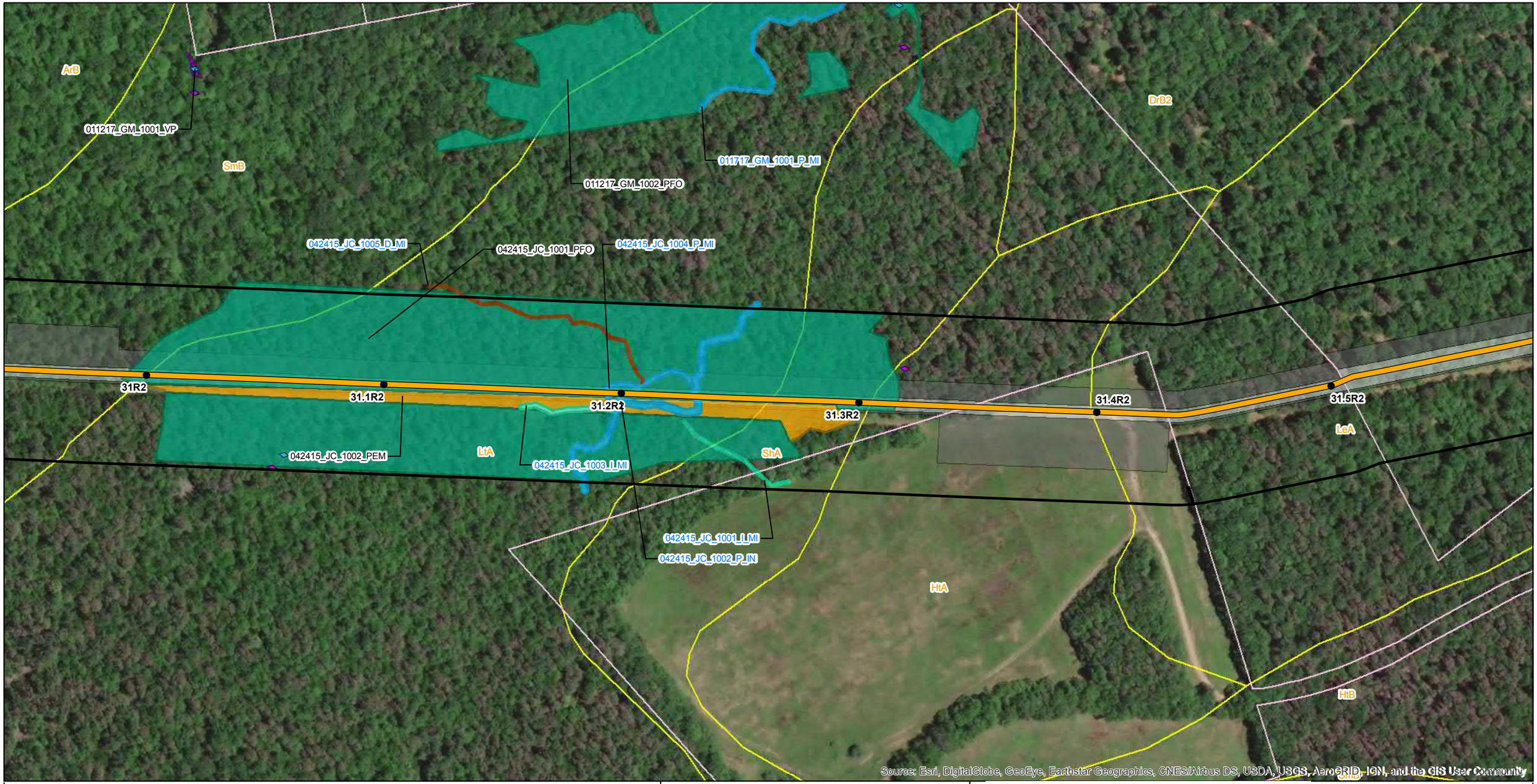
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 64 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

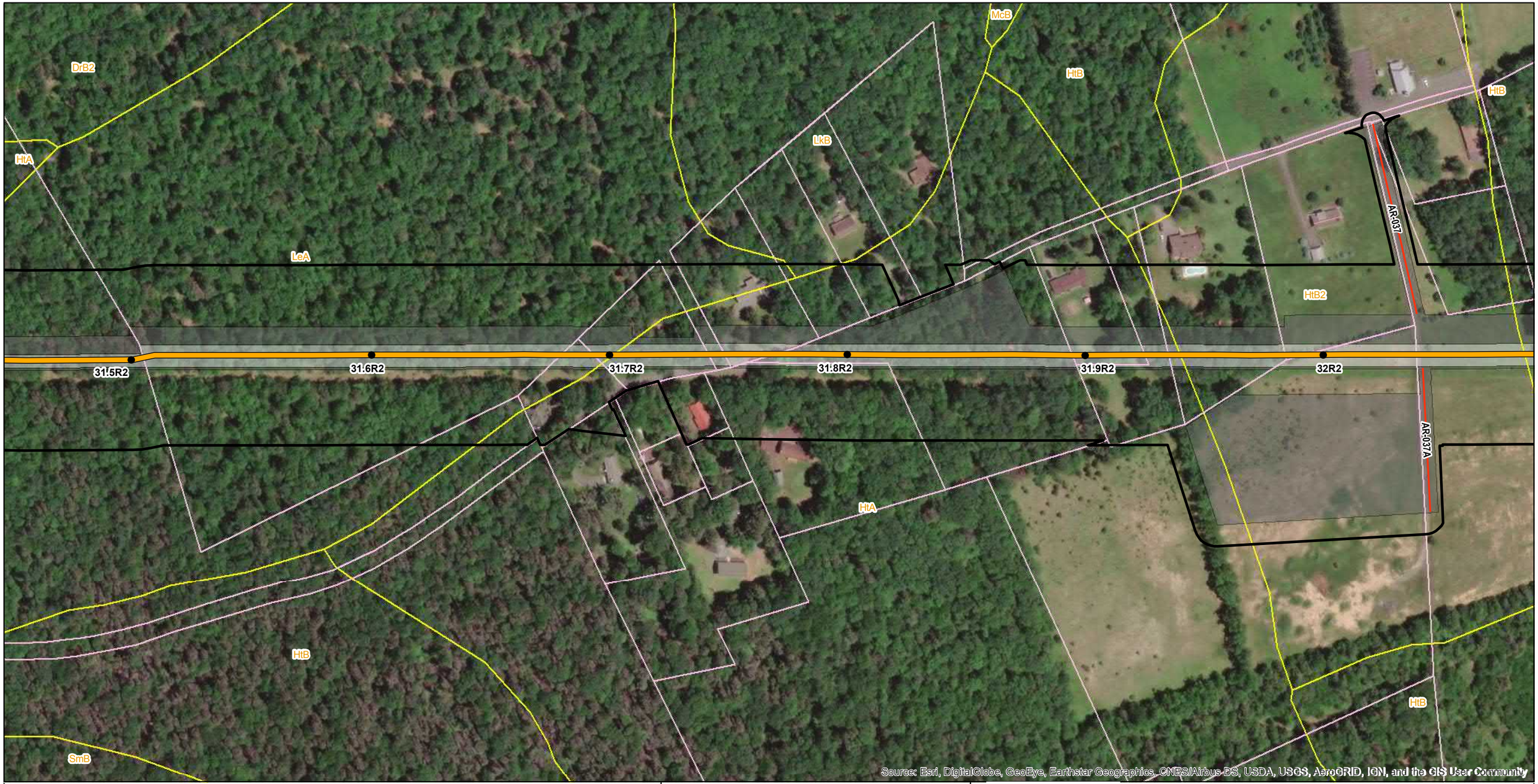
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 65 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 66 of 138



Legend

- Mile Post
- Mainline Block Valve
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 67 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PFO
- PSS
- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

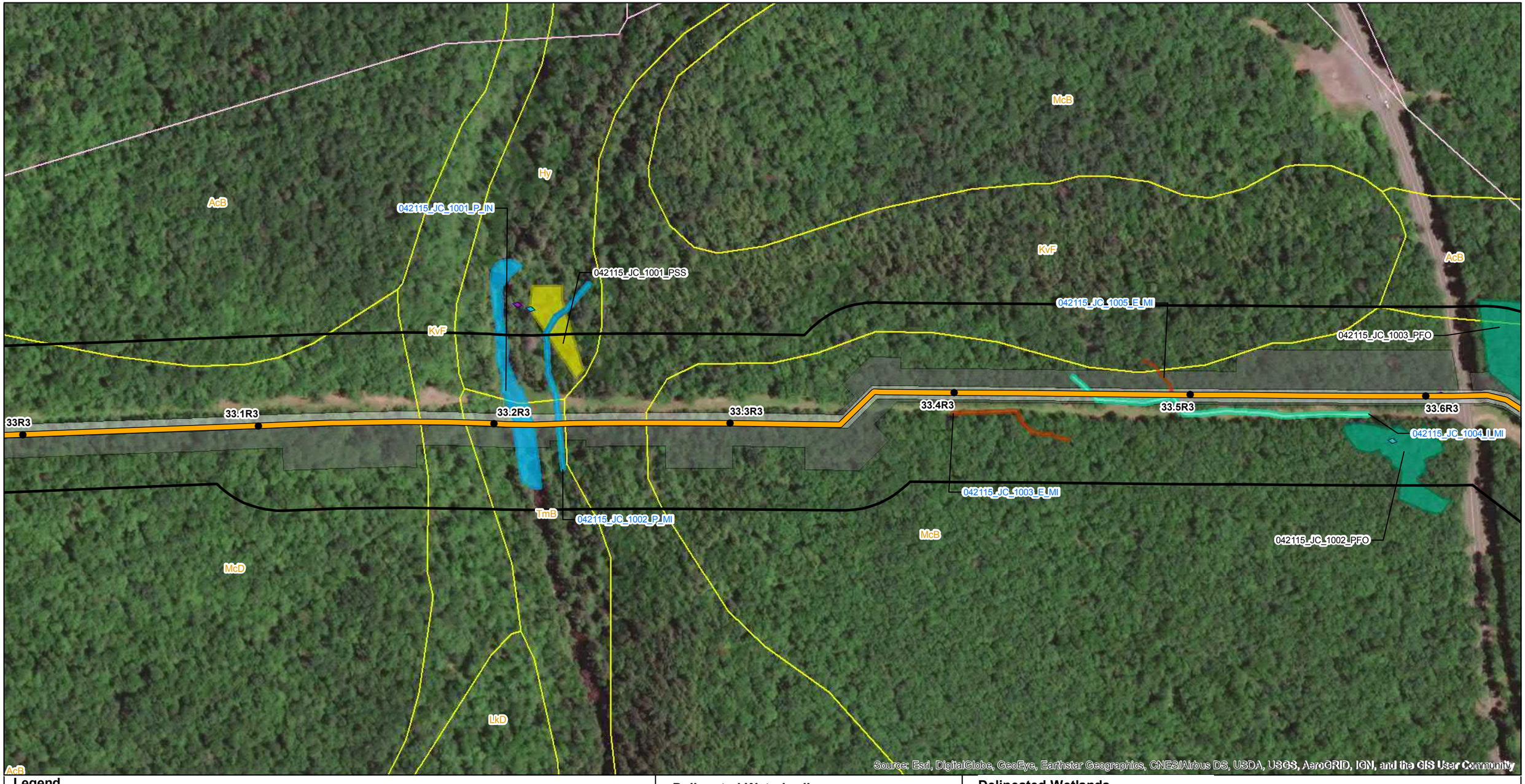
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 68 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PFO
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

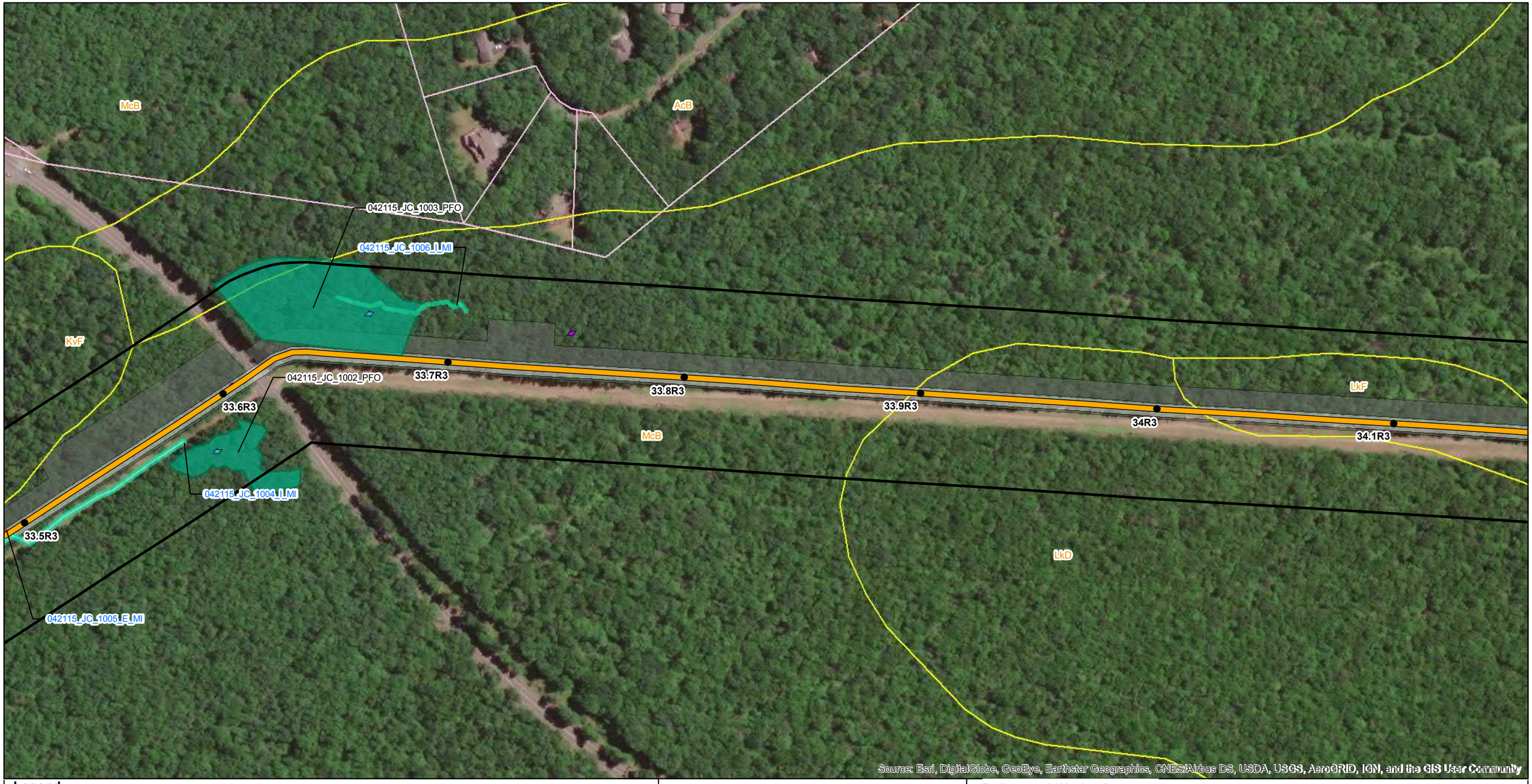
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:KIDDER TWP/PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 69 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Intermittent

Delineated Wetlands

- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 70 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 71 of 138

LkD
LkD
DsB
McB
042315_JC_1001_PFO
042315_JC_1003_P_IN
McB
McD
Pa
34.6R2
34.7R2
34.8R3
34.8
34.9
34.9R2
35
042315_JC_1001_I_MI
042315_JC_1002_PEM
042315_JC_1003_PEM
042315_JC_1002_P_MI
042315_JC_1003_I_IN
ArB
LkD
McB
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

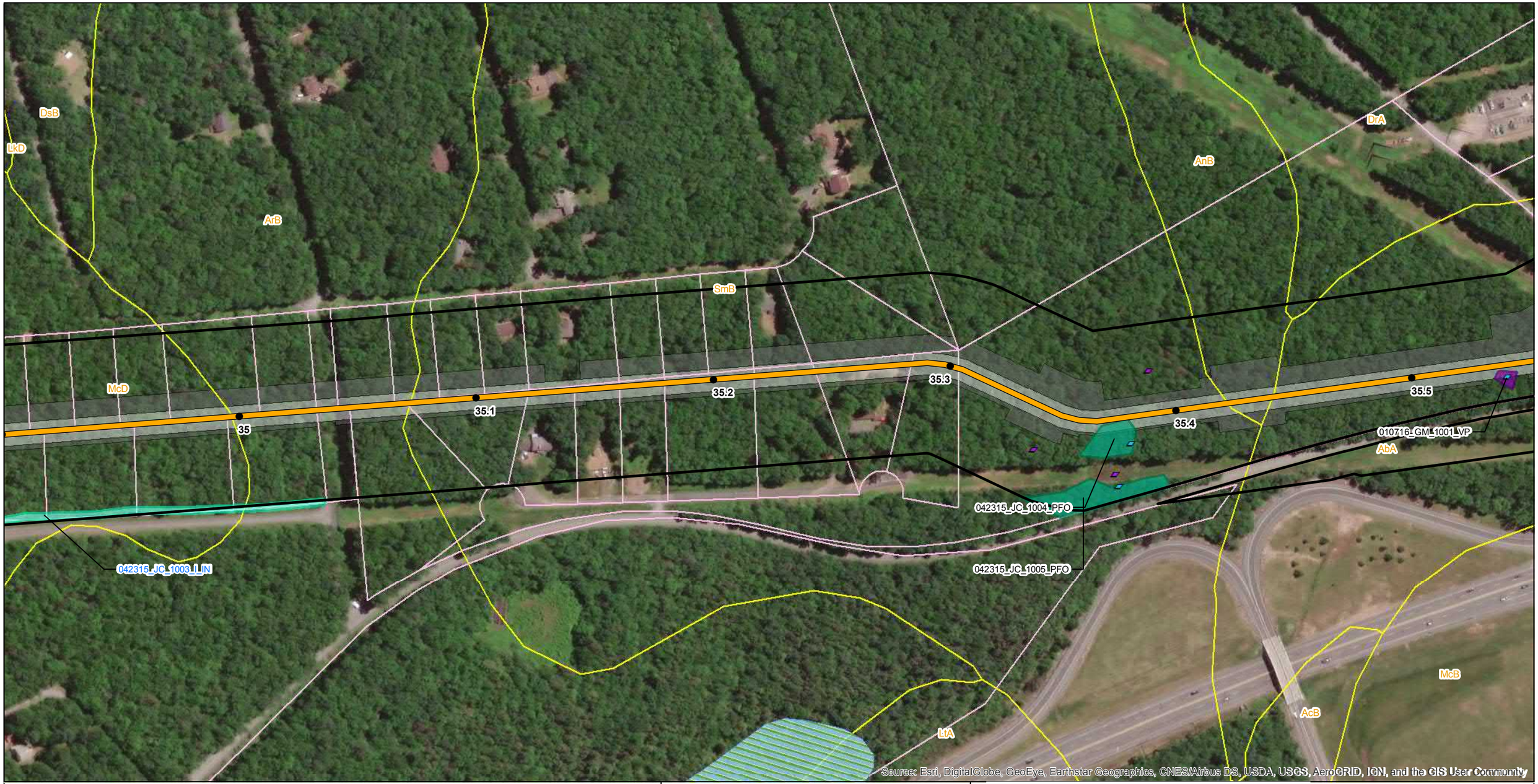
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TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 72 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PFO
- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

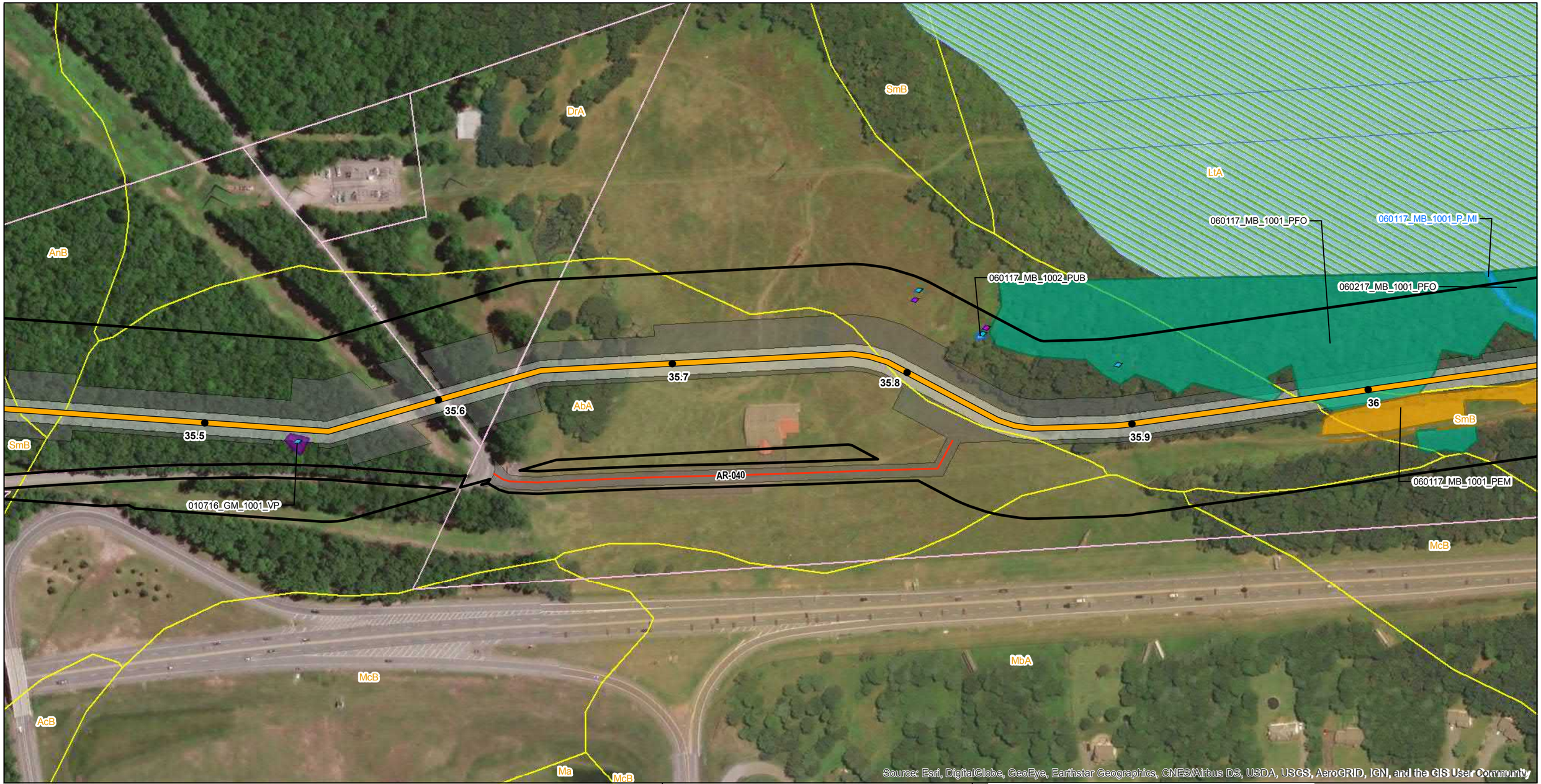
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 73 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- PUB
- PFO
- Potential Vernal Pool
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

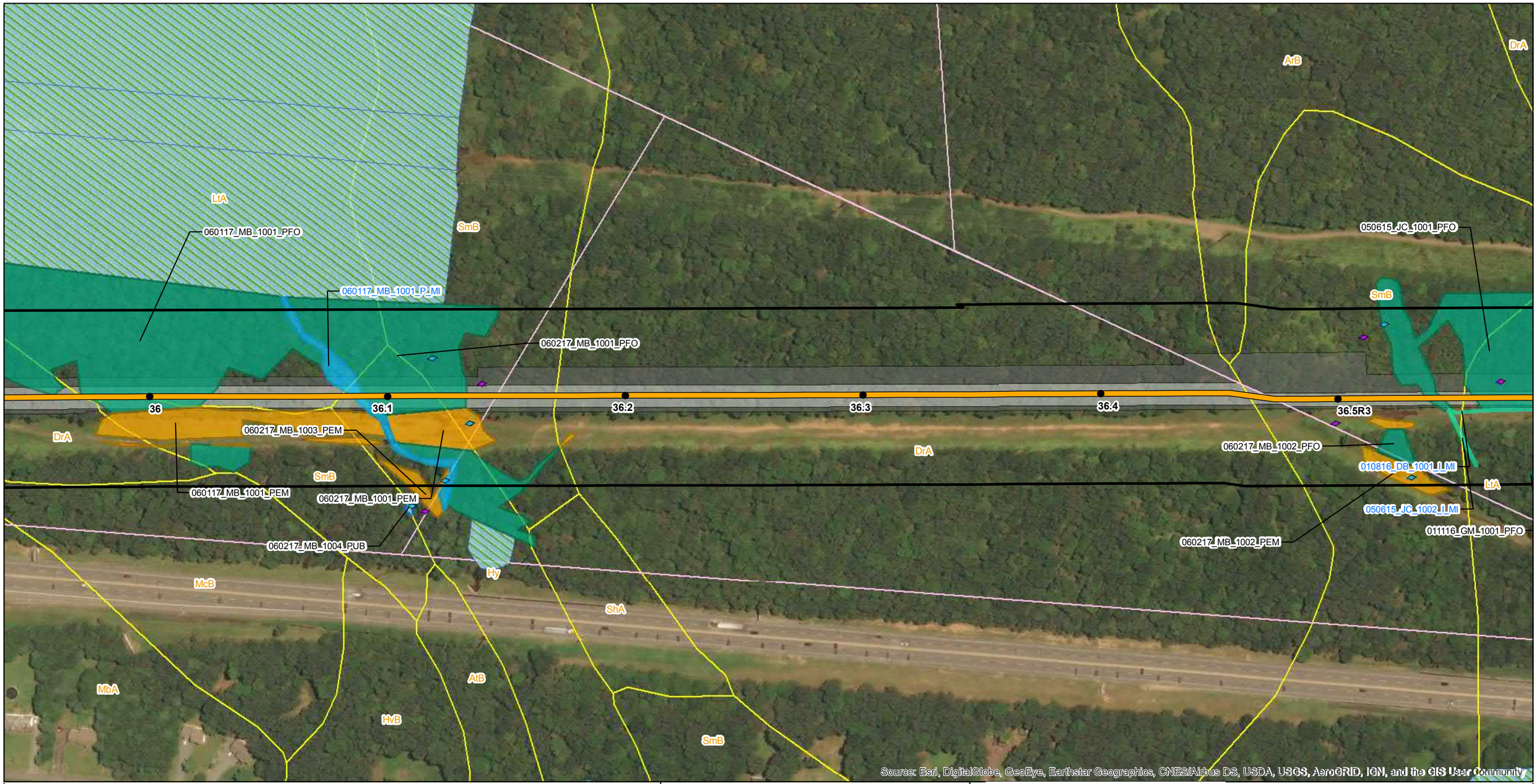
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 74 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PUB
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

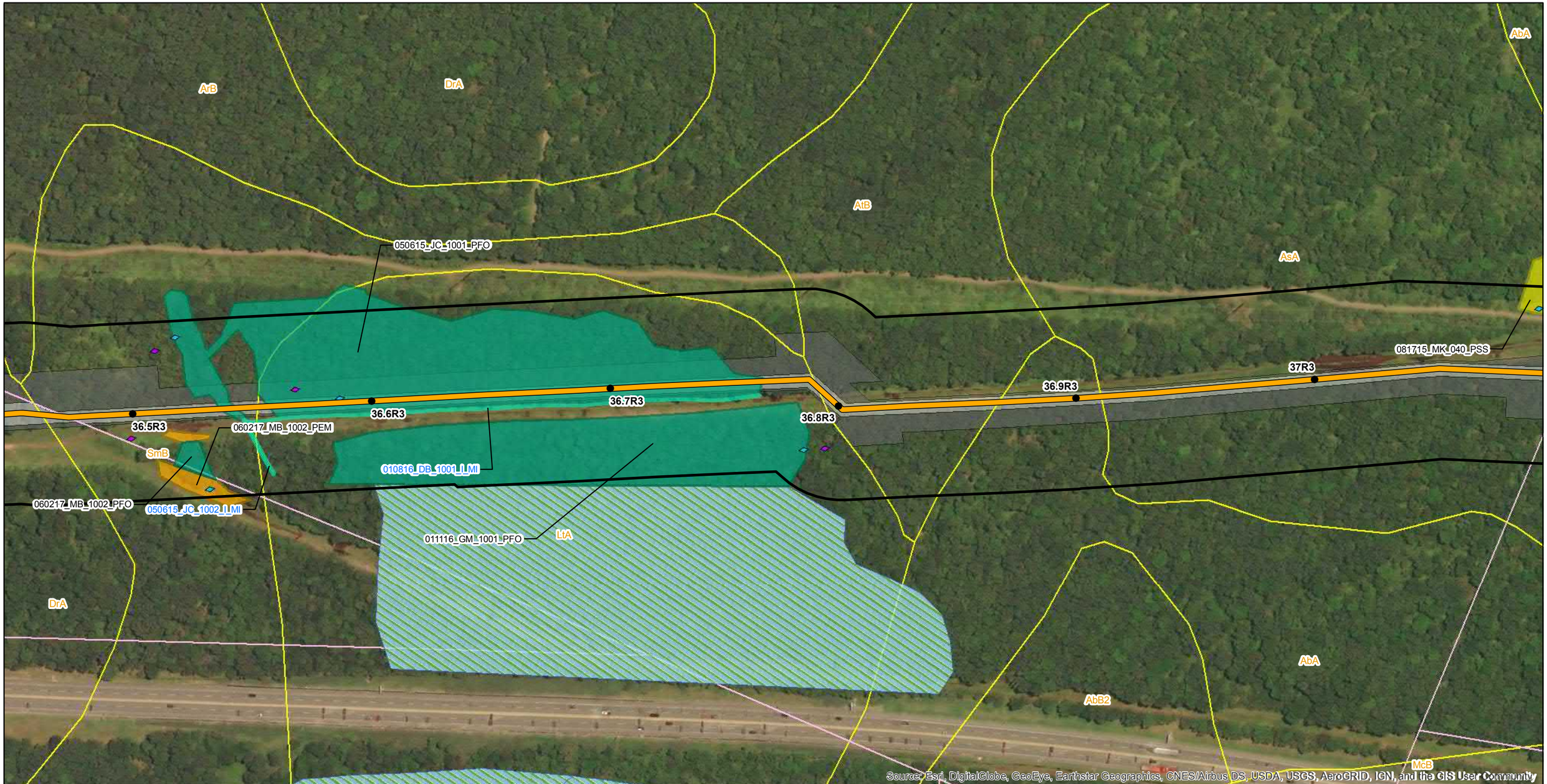
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 75 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

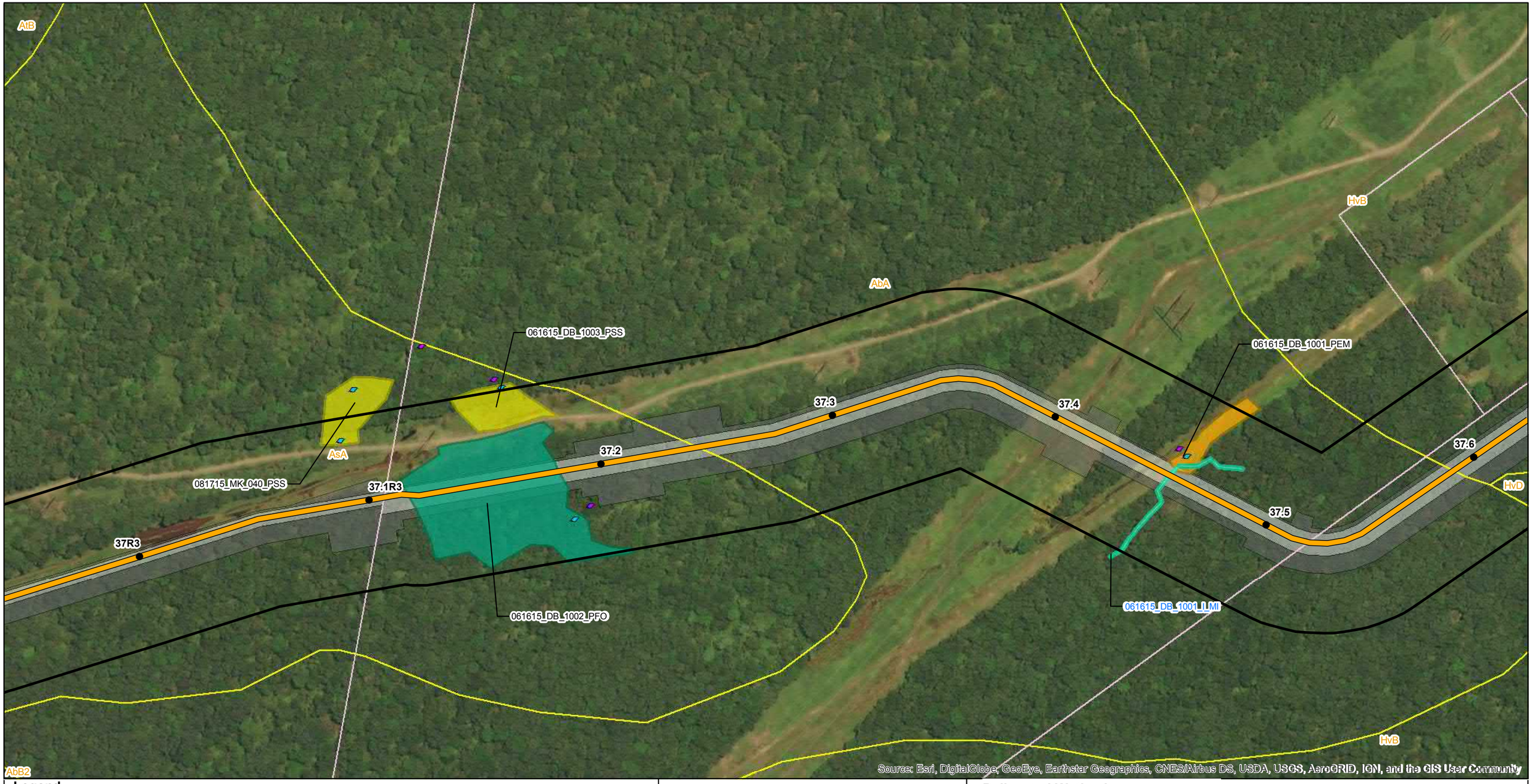
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 76 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- PSS
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 77 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

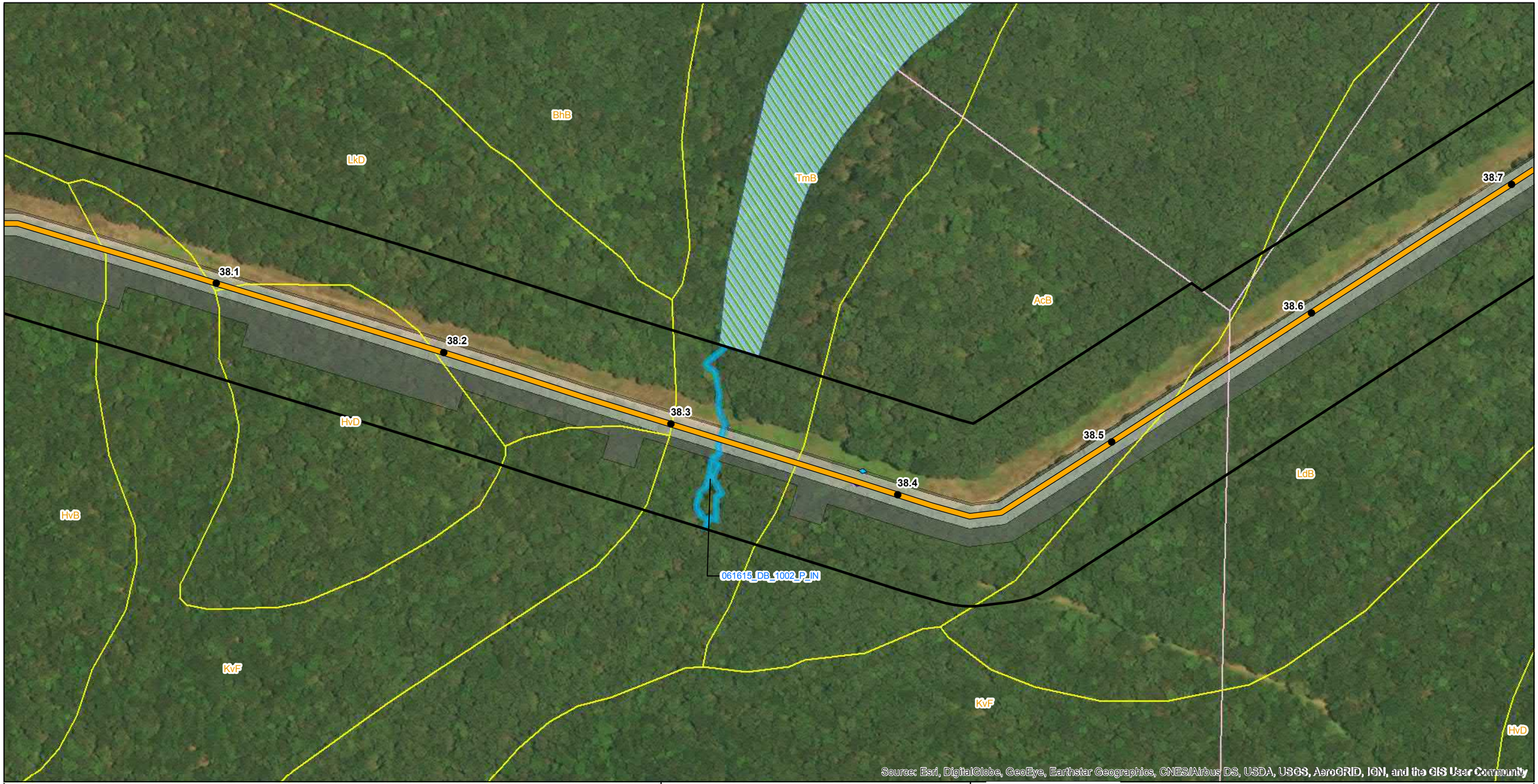
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 78 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

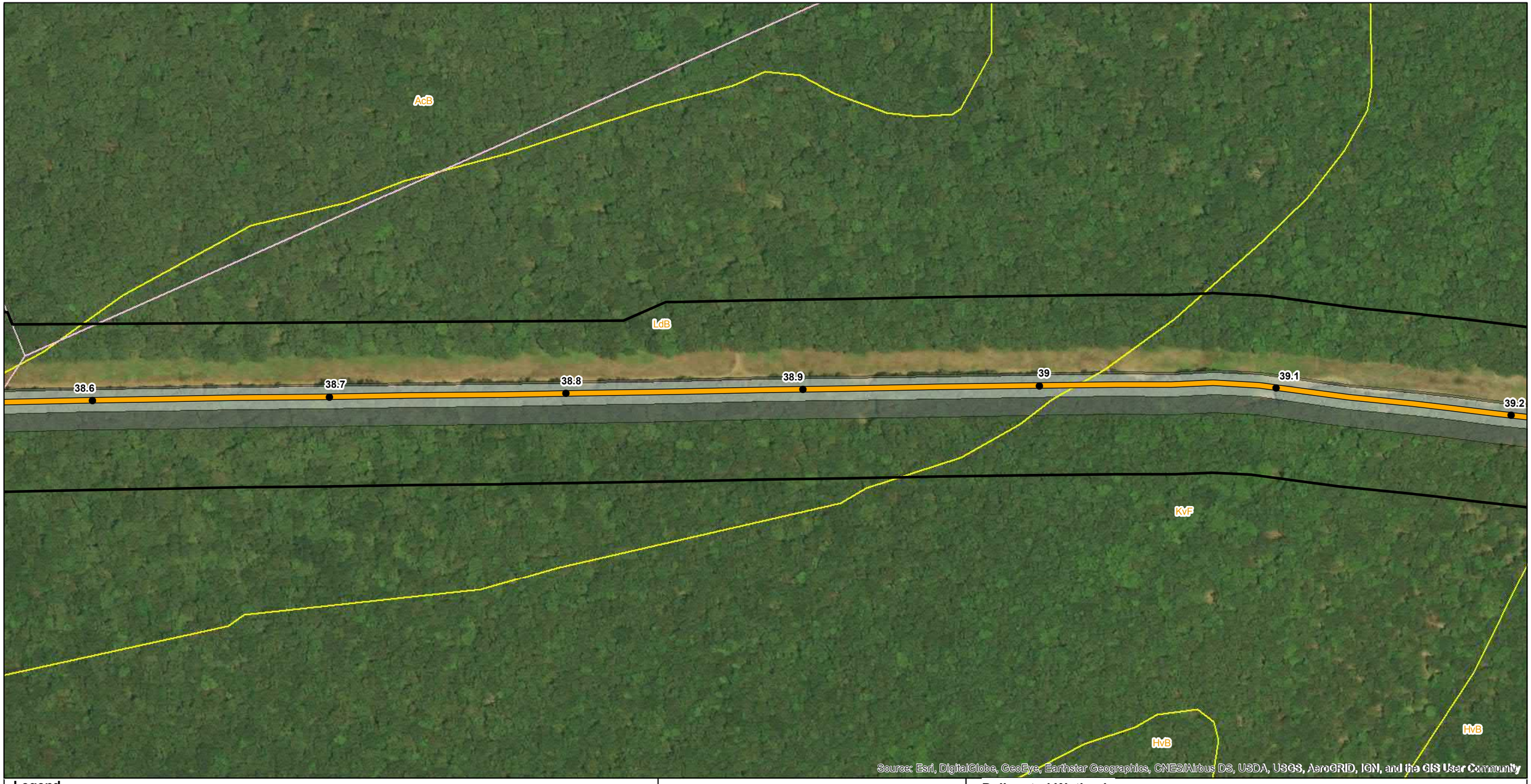
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 79 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

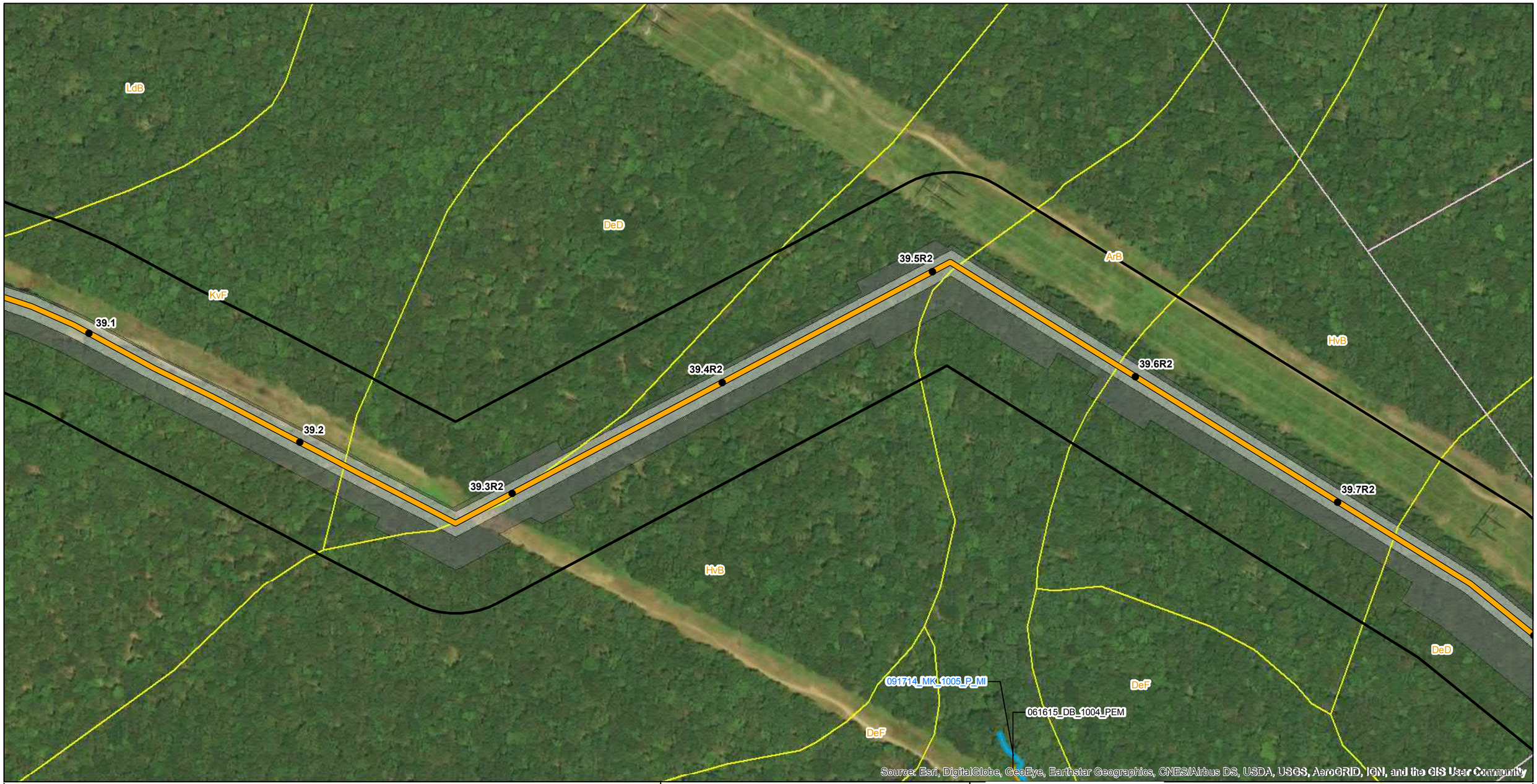
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 80 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

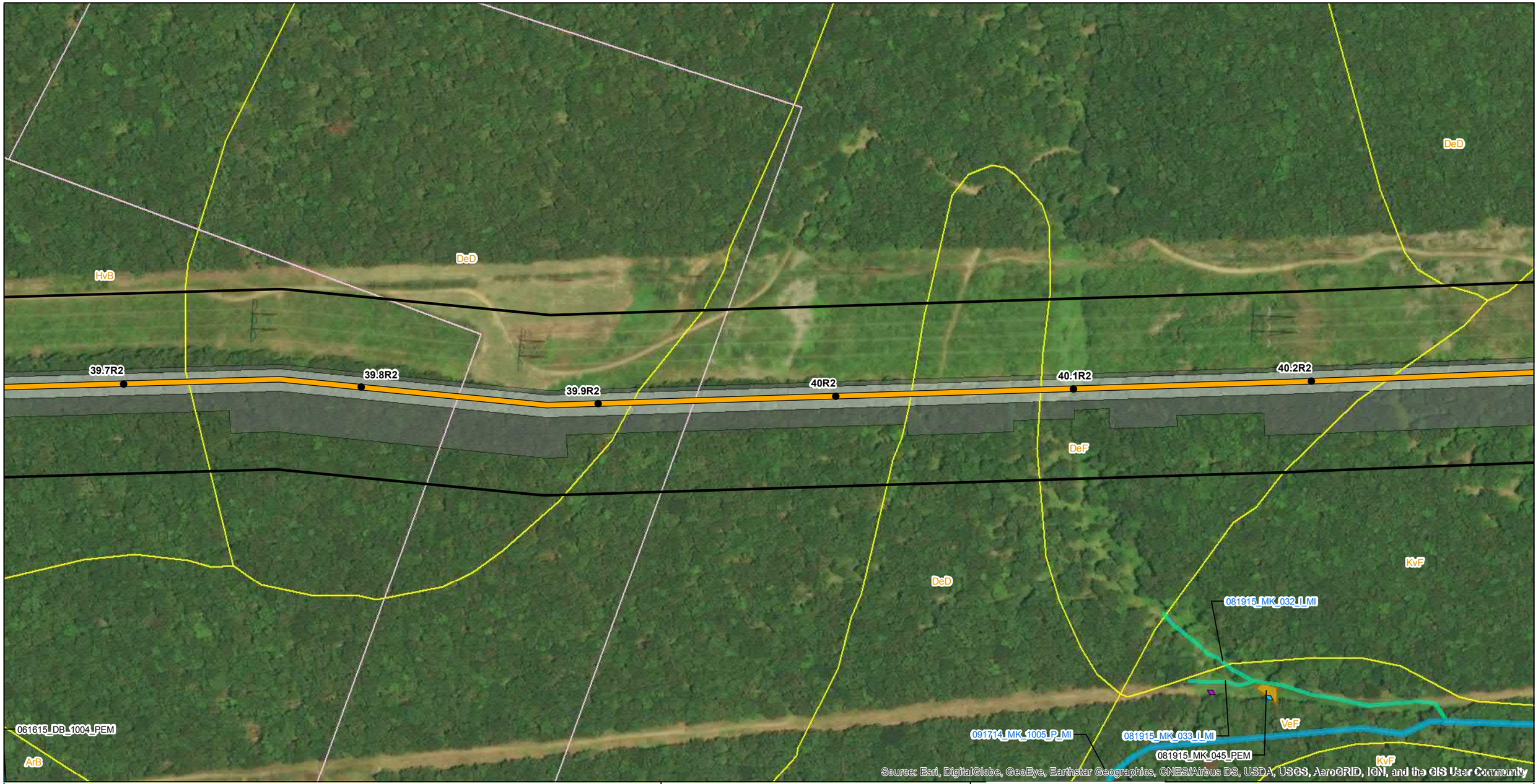
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 81 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

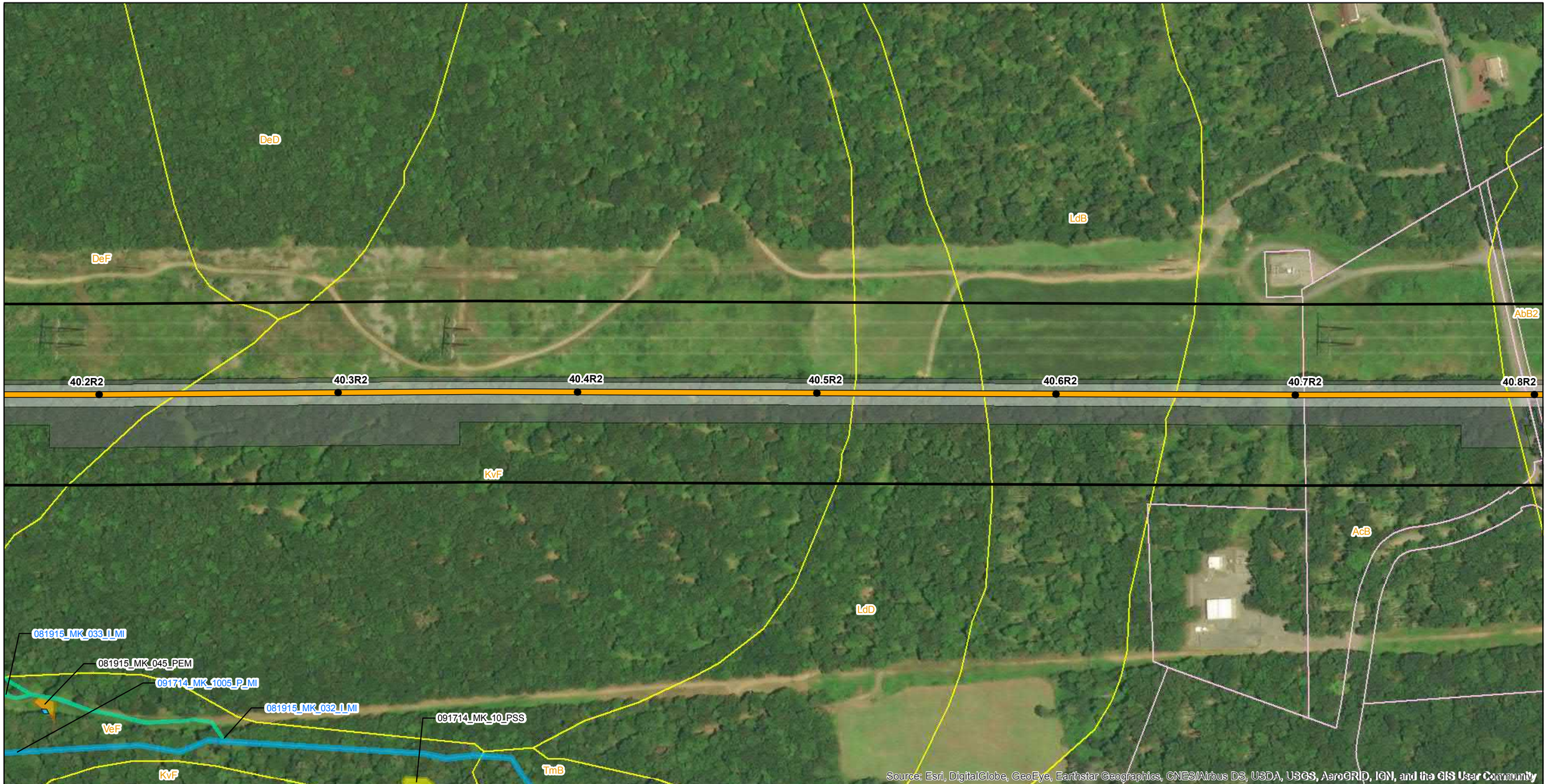
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 82 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

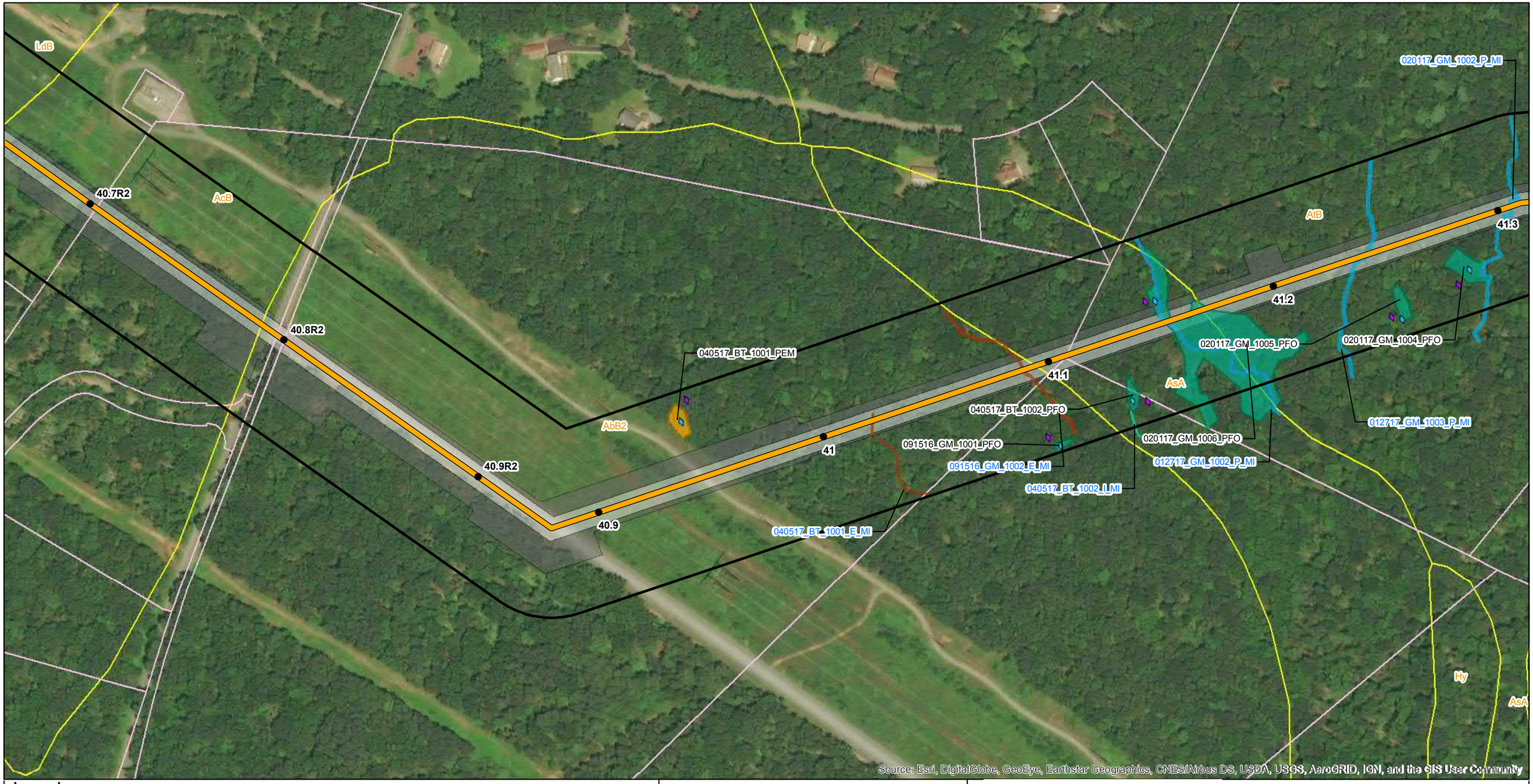
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 83 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

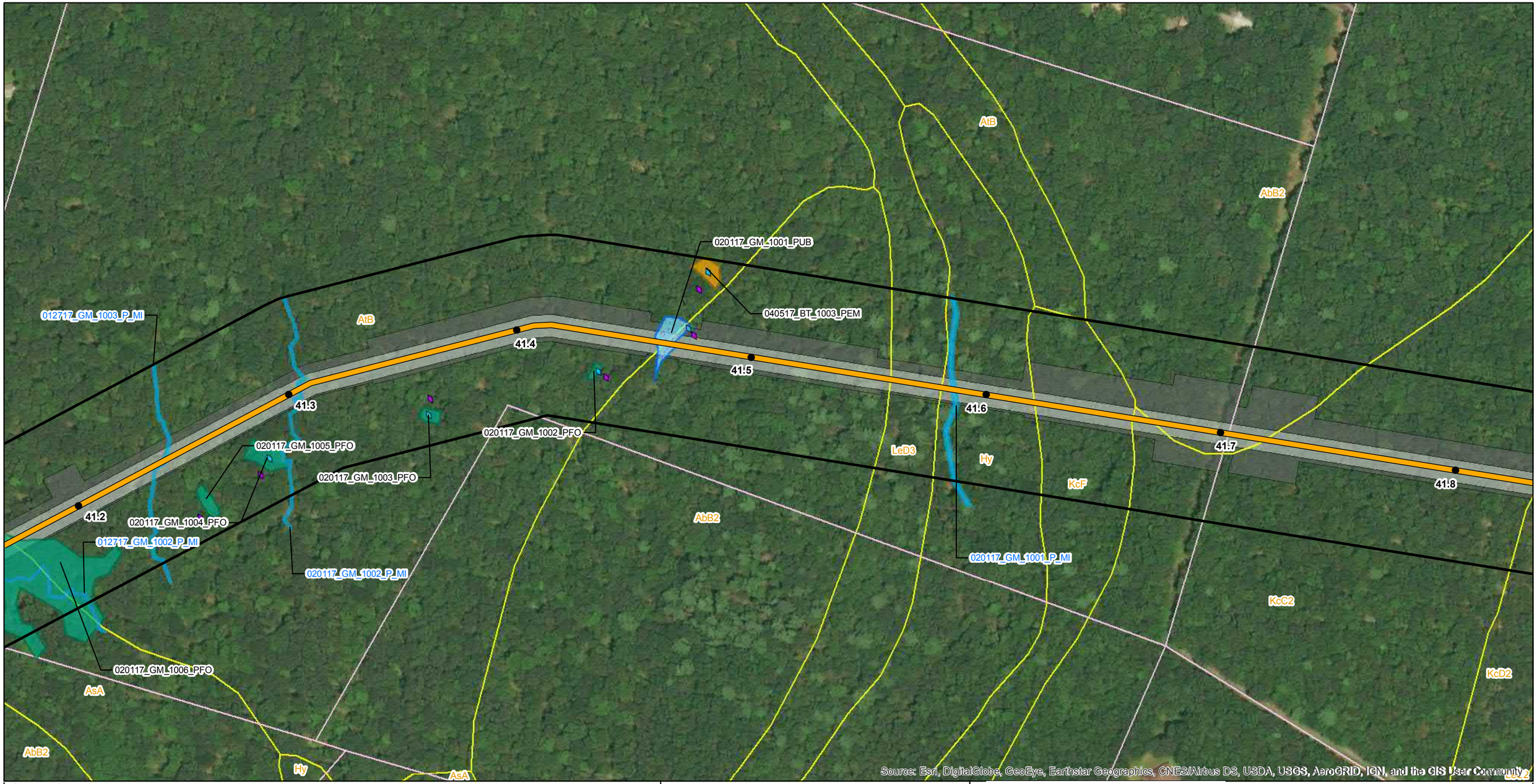
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:PENN FOREST TWP/TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 84 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- PUB
- PFO
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 85 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 86 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

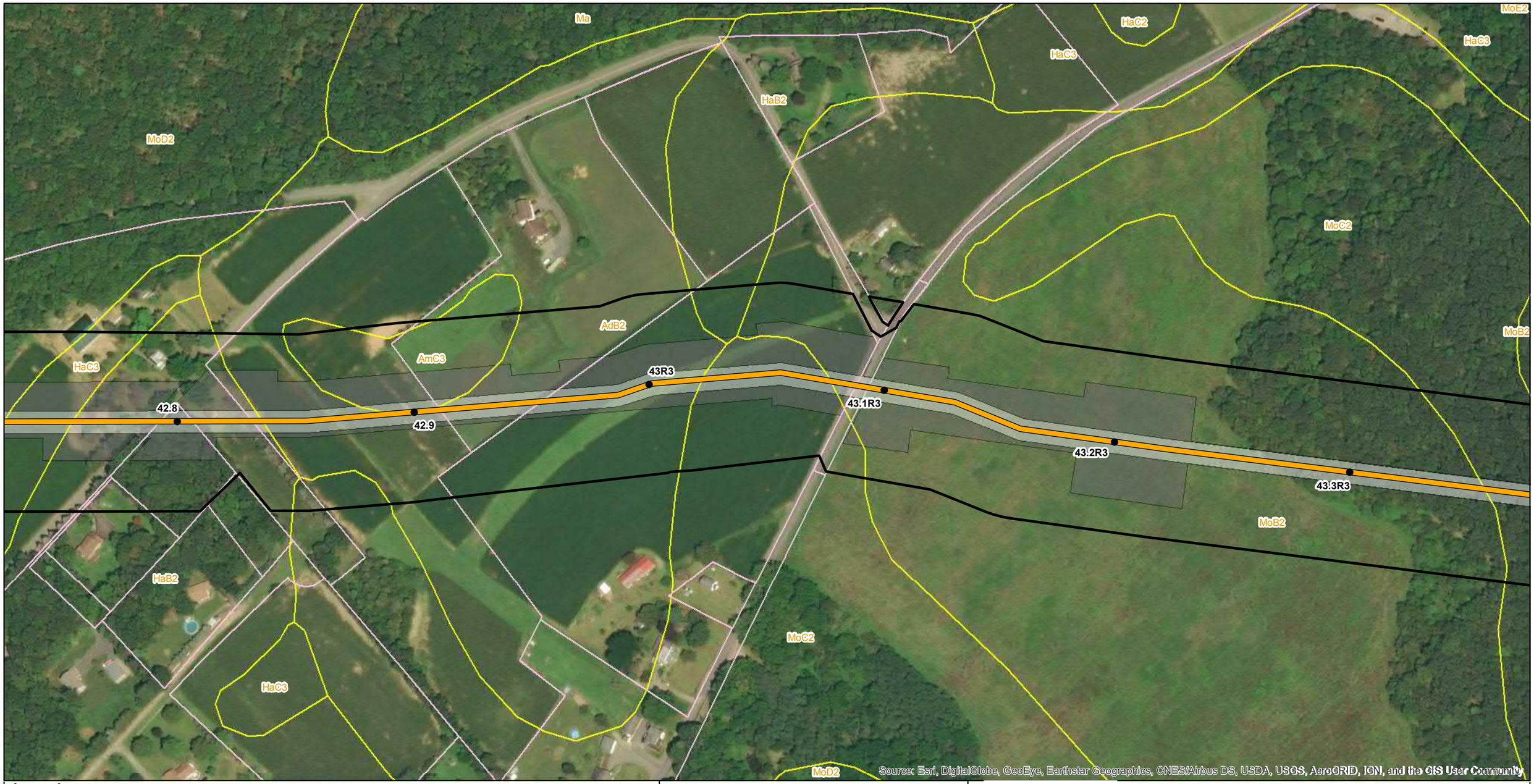
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 87 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

Delineated Wetlands

- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

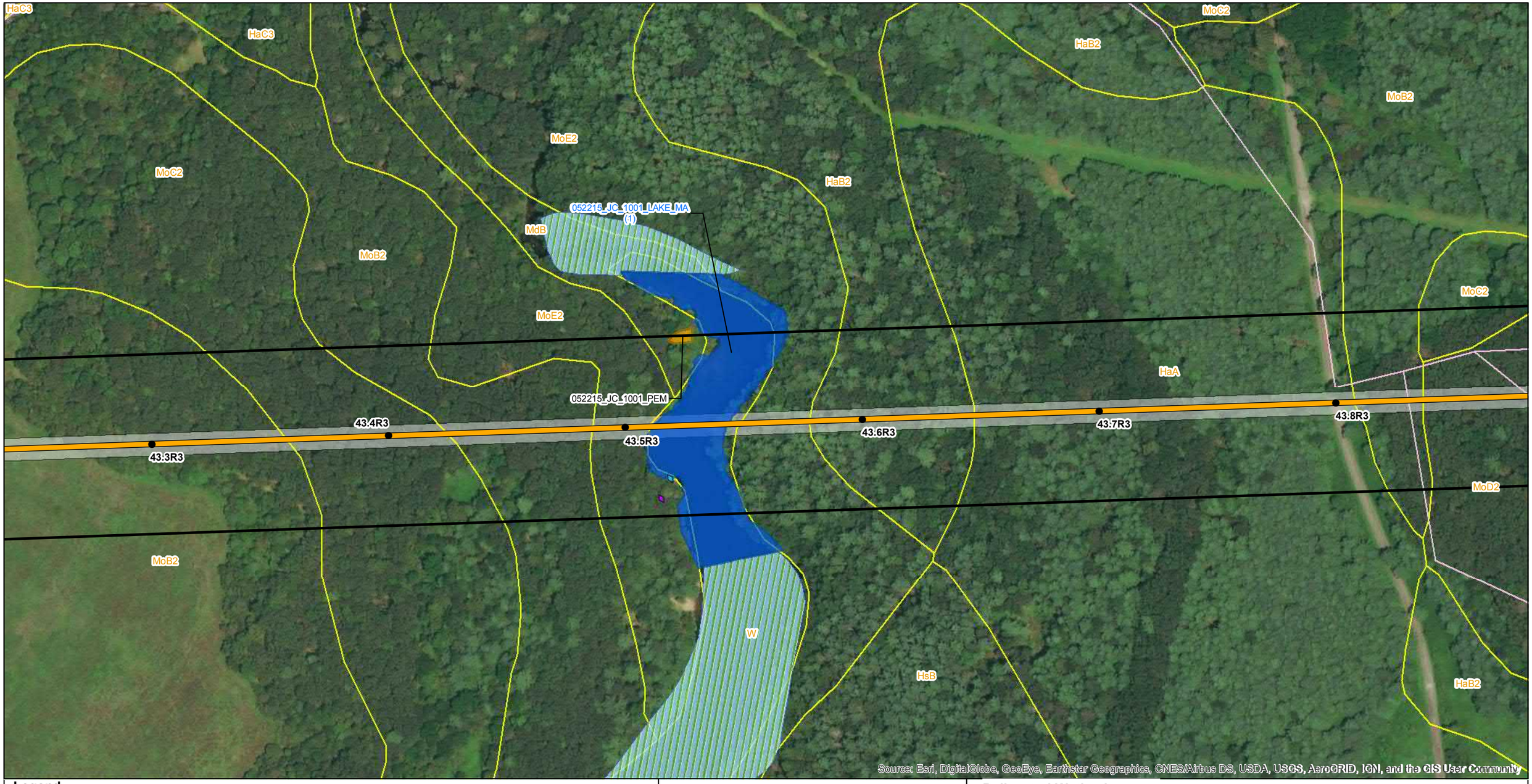
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 88 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Lake

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

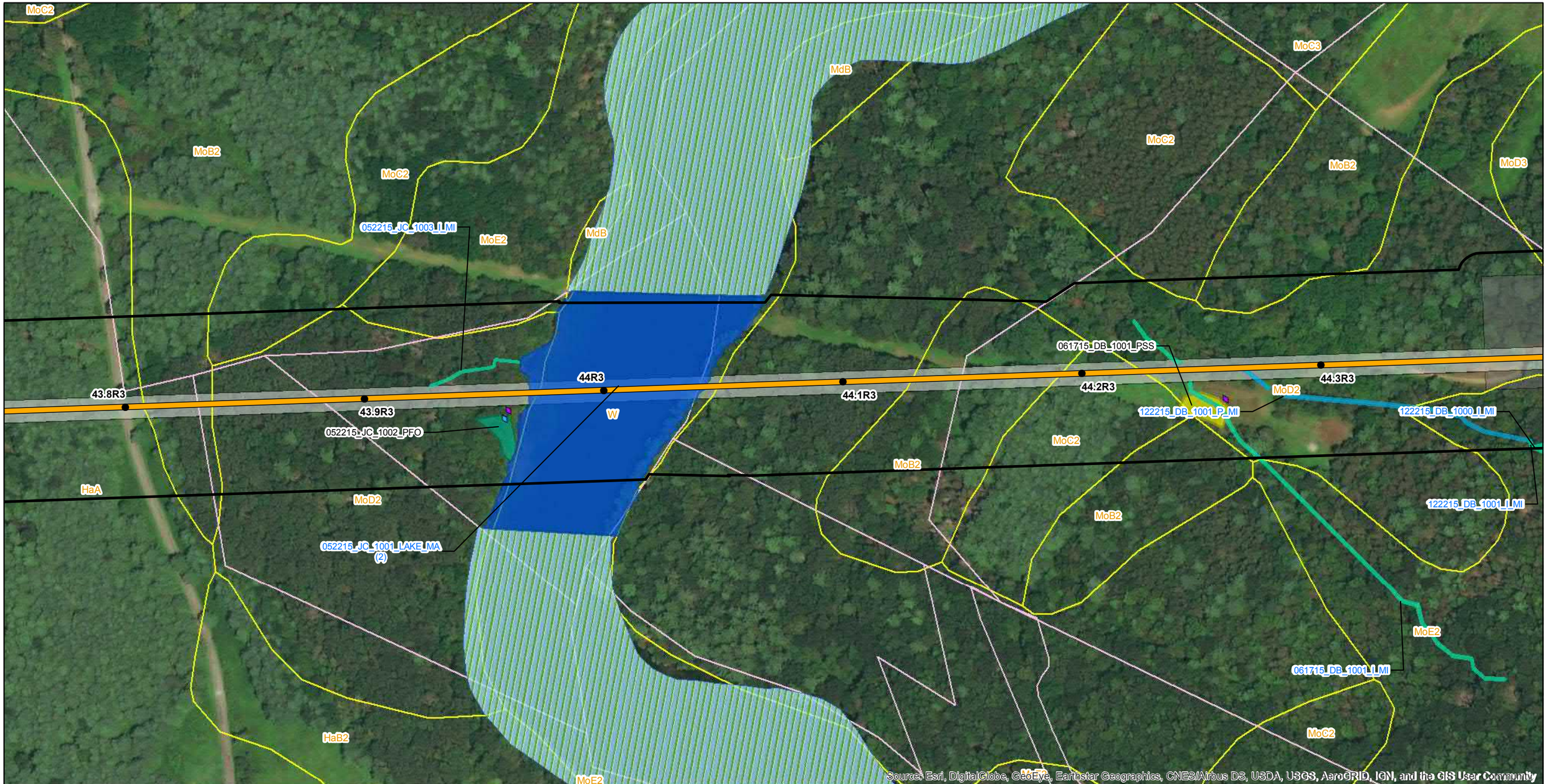
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 89 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent
- Perennial
- Lake

Delineated Wetlands

- PFO
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

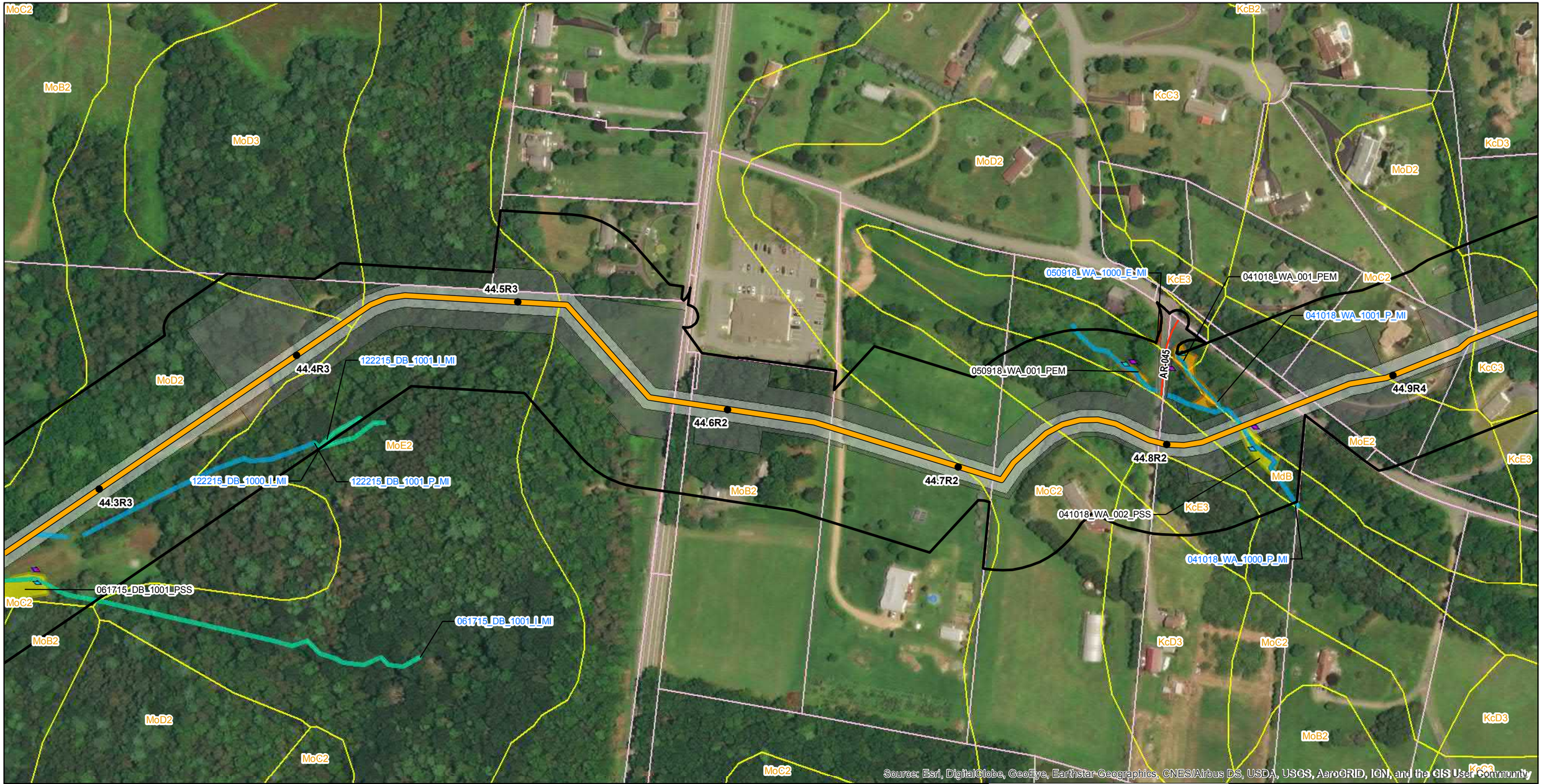
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 90 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Ephemeral
- Perennial
- Intermittent

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 91 of 138



Legend

- Mile Post
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- NWI Wetland
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- PSS
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 92 of 138



Legend

- Mile Post
- Mainline Block Valve
- Proposed Route (9/19/2018)
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Perennial

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

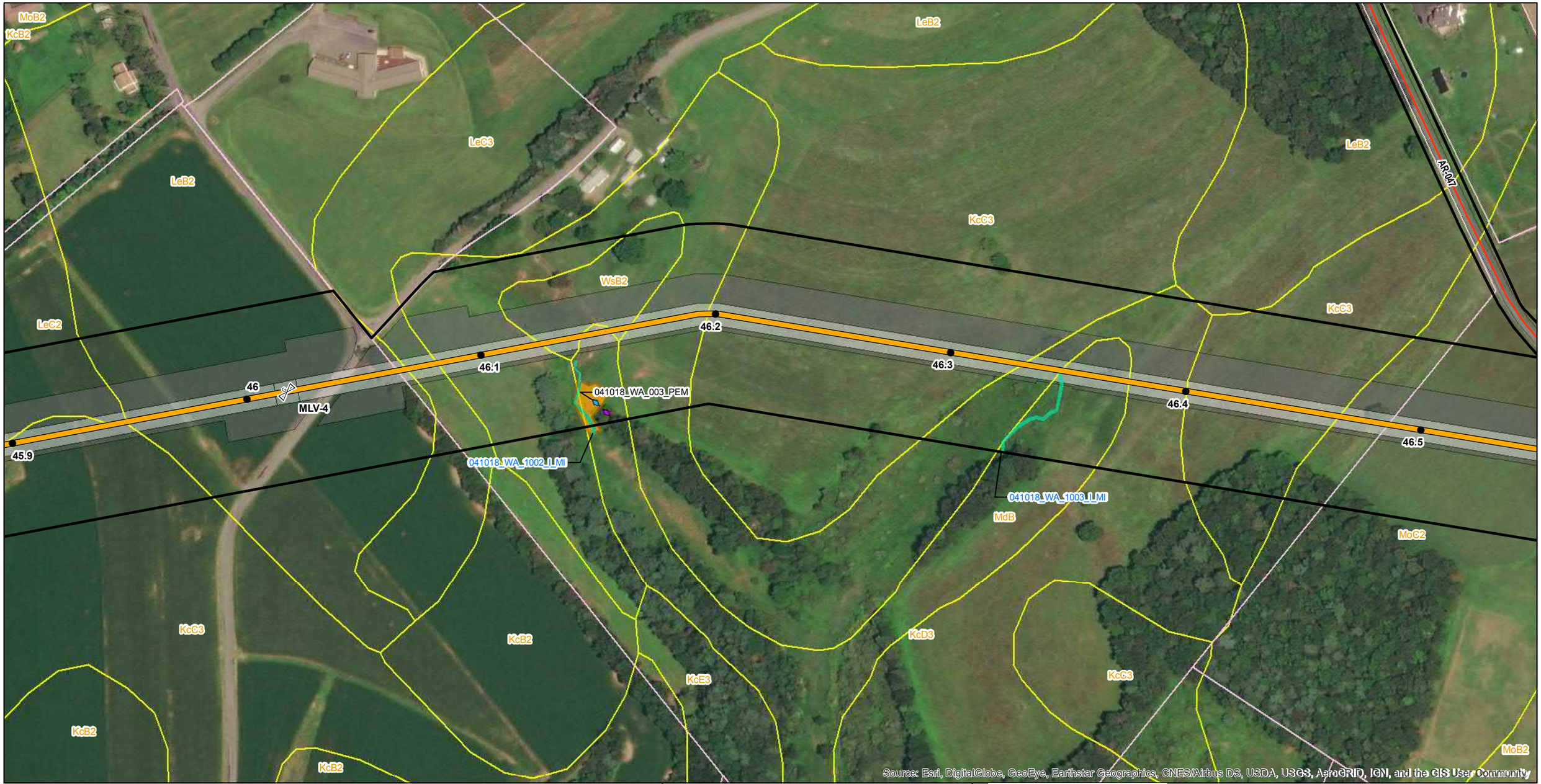
Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 93 of 138



Legend

- Mile Post
- Mainline Block Valve
- Proposed Route (9/19/2018)
- Access Road Centerline
- Permanent Easement
- Construction Limits
- Study Corridor
- Parcel Boundary
- Soil Map Unit
- County Boundary
- Delaware River Basin Boundary

Delineated Waterbodies

- Intermittent

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet

NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale



TITLE:

PennEast Pipeline Project Phase 1
Delaware River Basin
Wetland Delineation Map - Pennsylvania

LOC:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 94 of 138