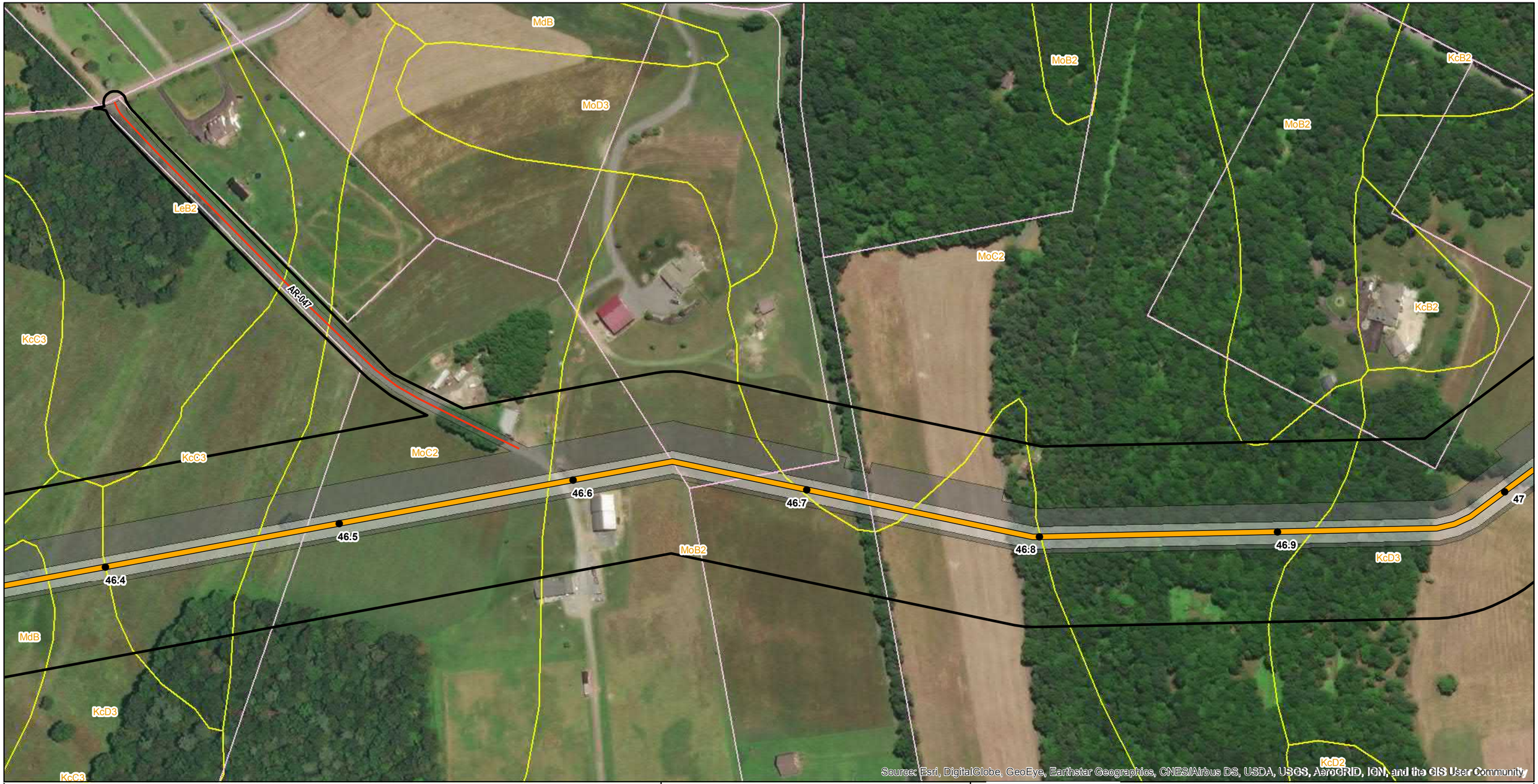


Legend

- 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:TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 95 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/LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 96 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

- 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

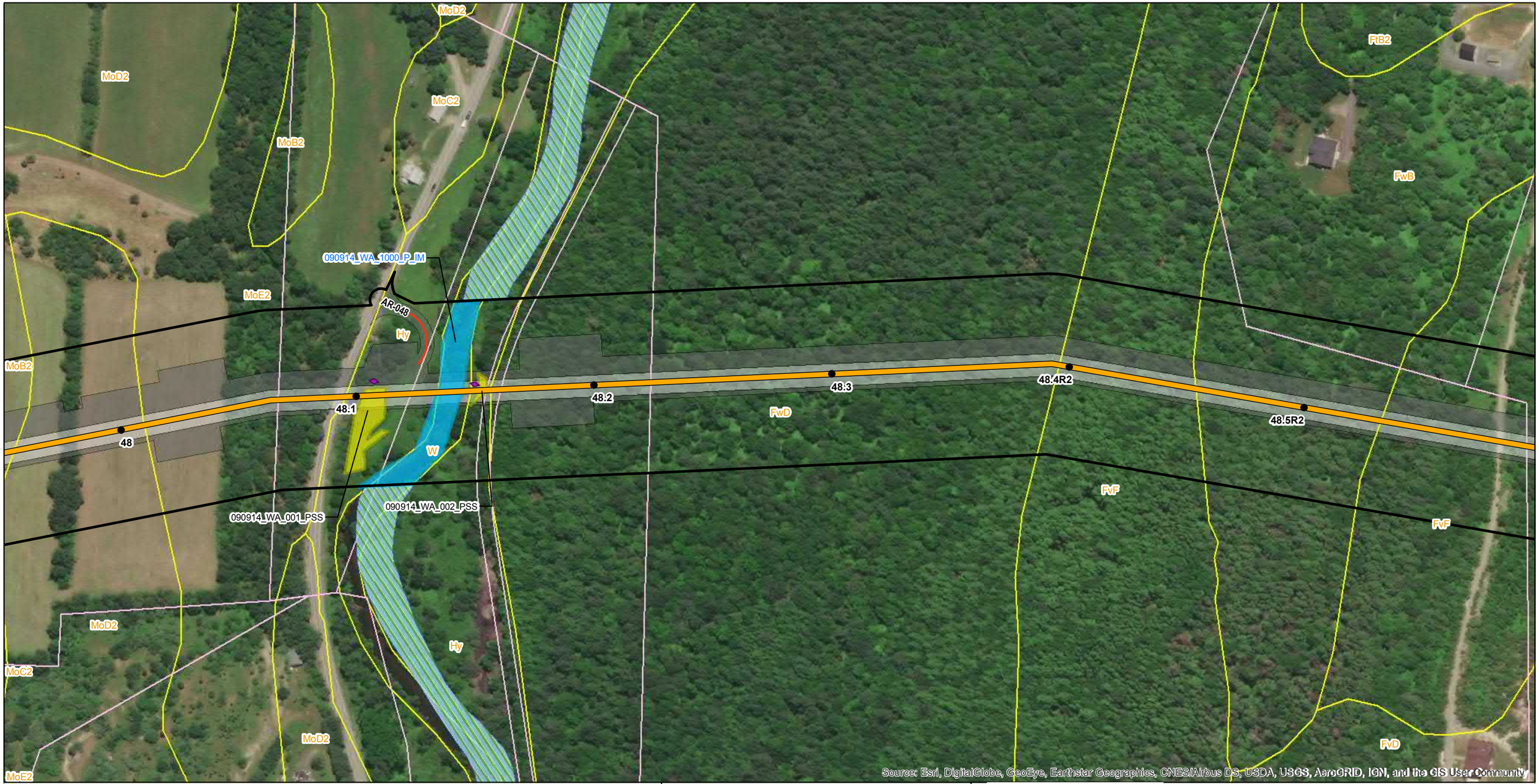
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 97 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

- 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:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 98 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

- 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

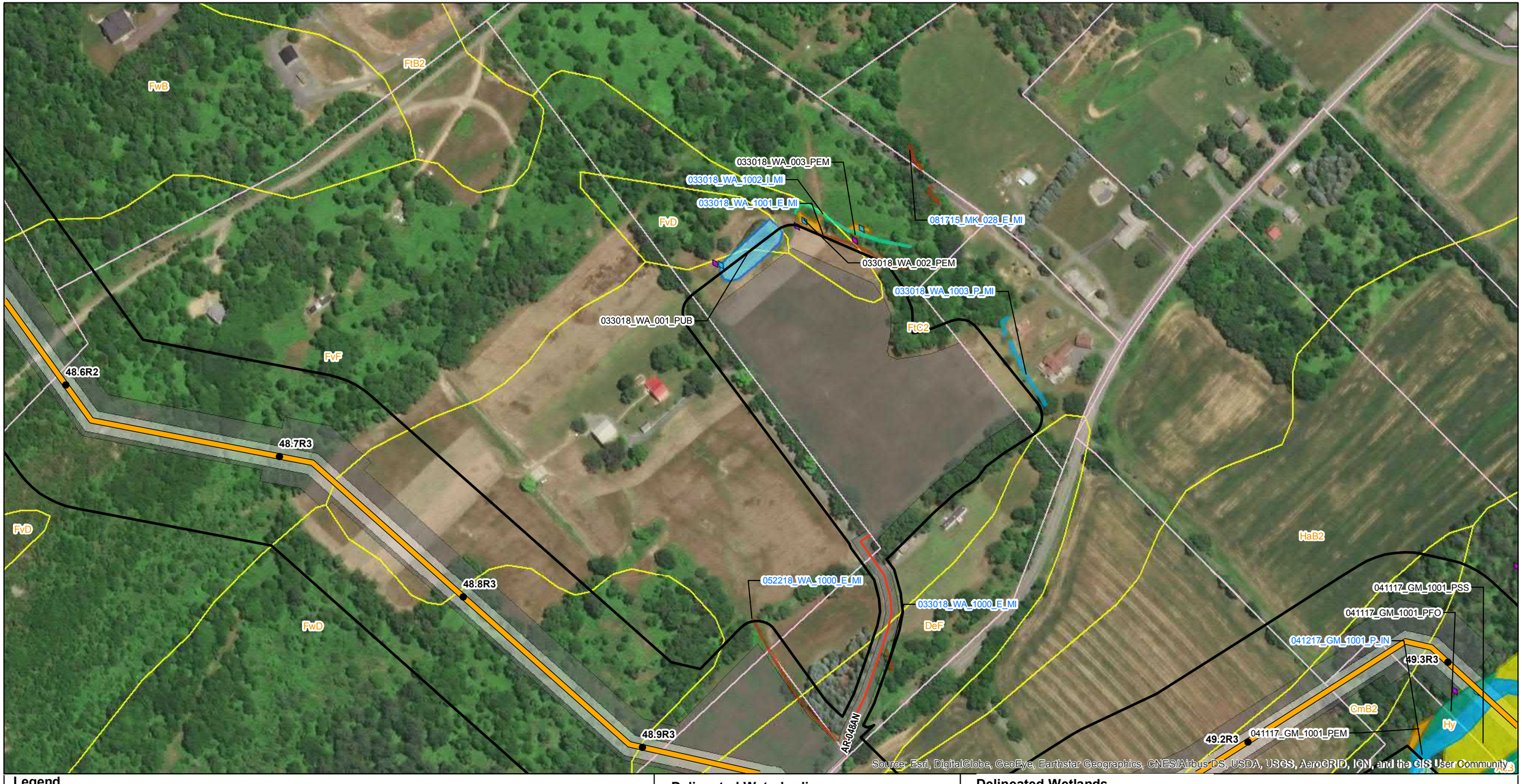
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 99 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
- PUB
- Wetland Soil Pit

PennEast PIPELINE

PennEast Pipeline Company, LLC

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

0 100 200 400 Feet

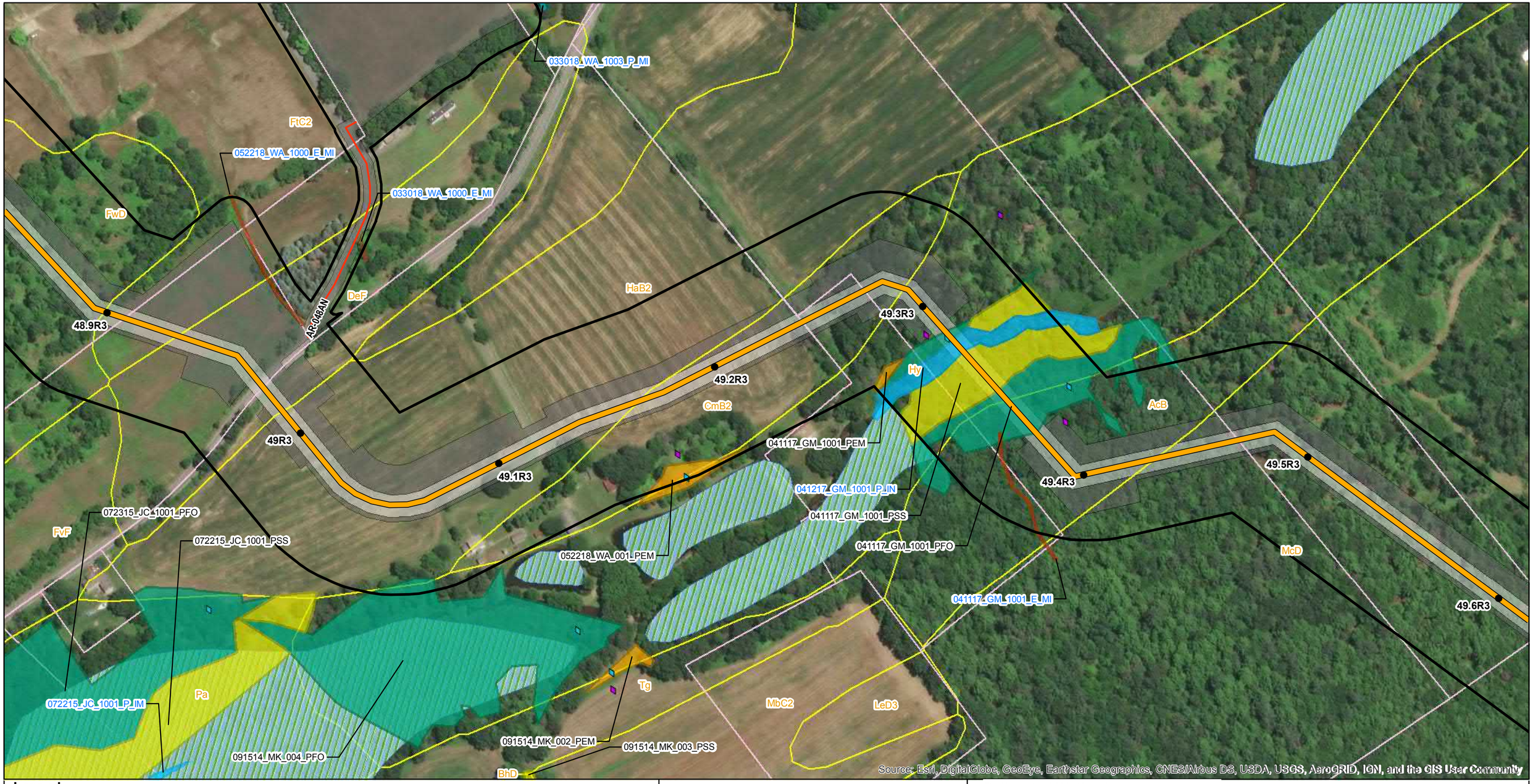
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 100 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:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 101 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

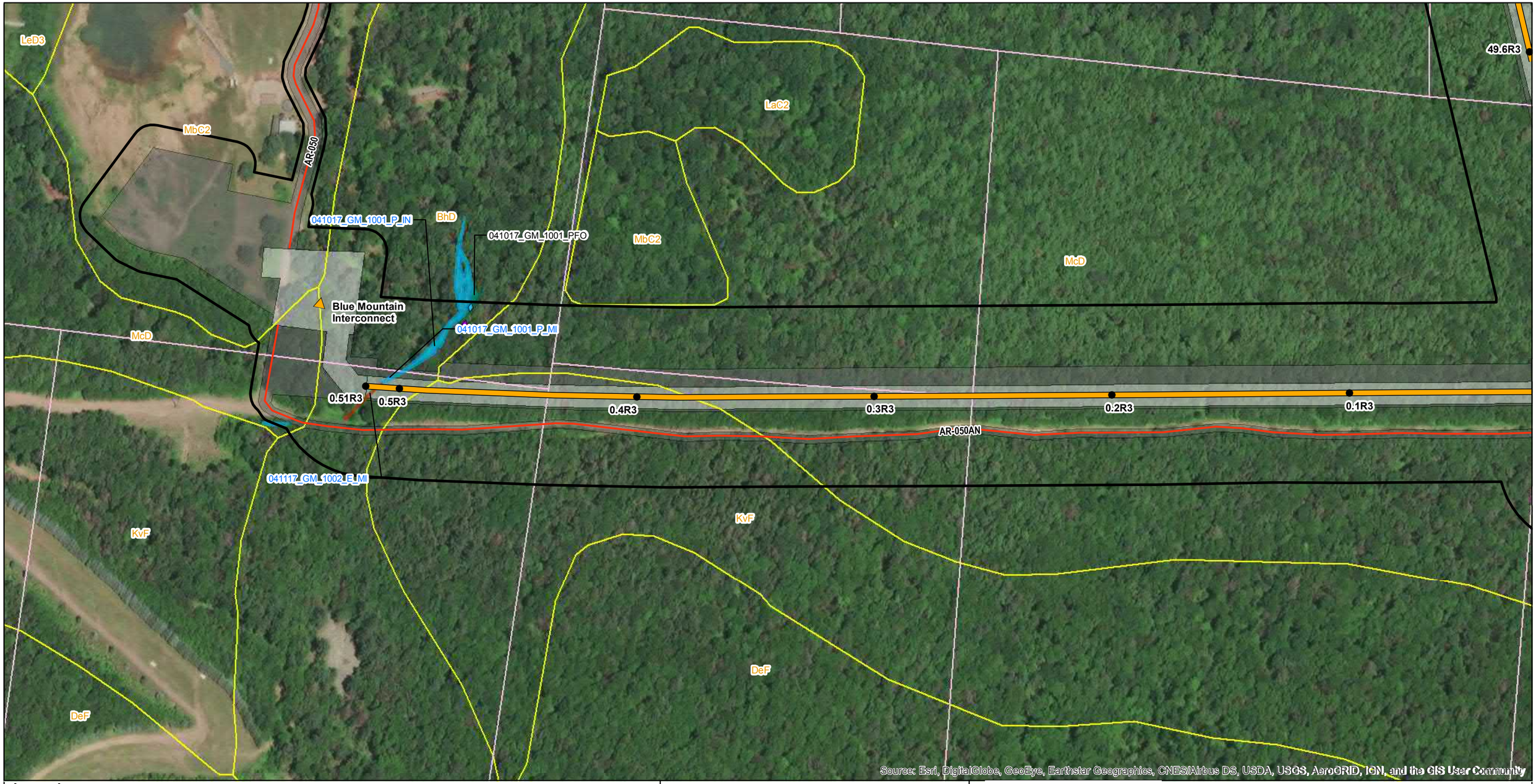
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 102 of 138



Legend

- Mile Post
- Interconnect
- 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

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

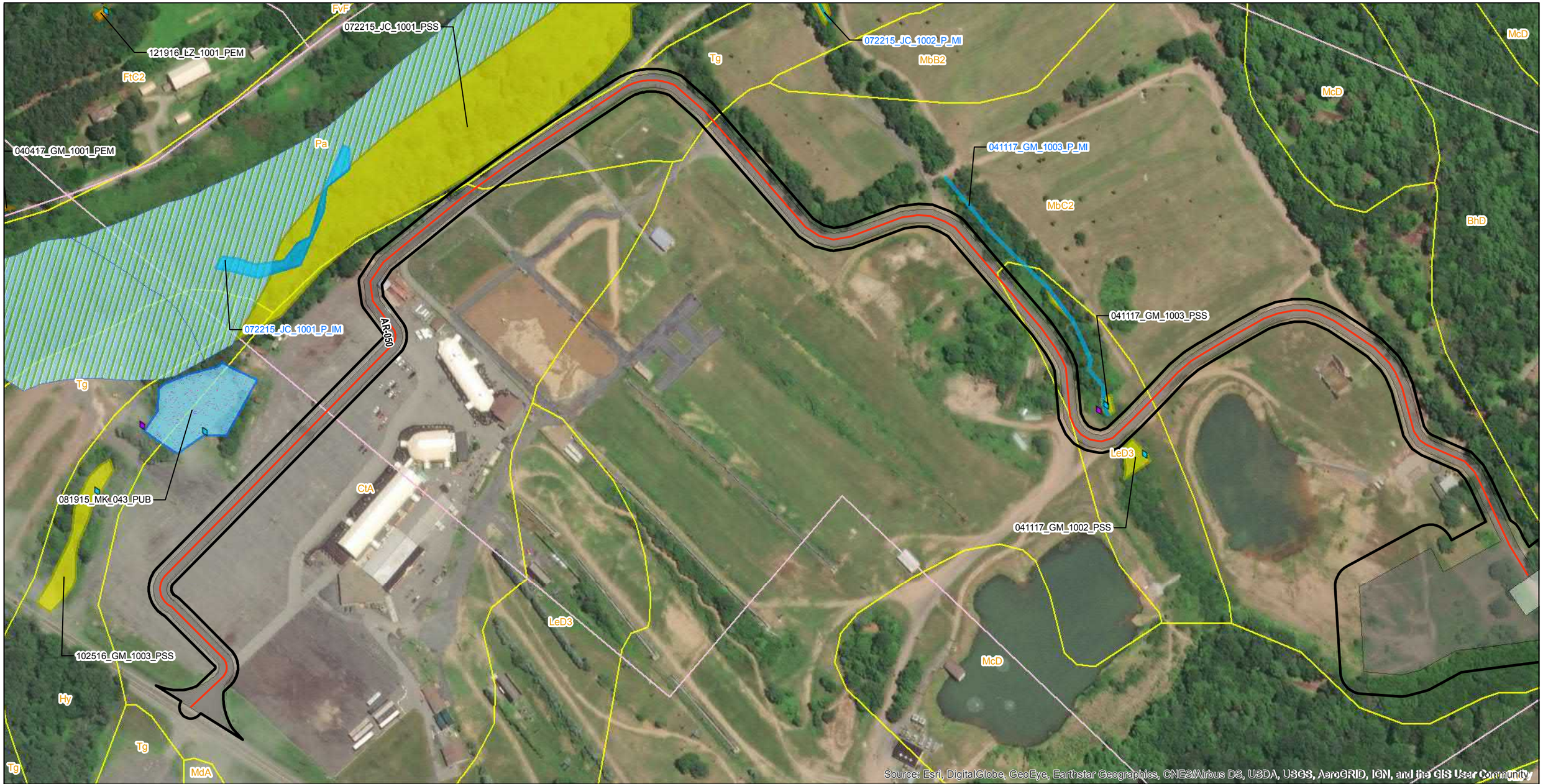
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 103 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
- 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:LOWER TOWAMENSING TWP, CARBON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 104 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

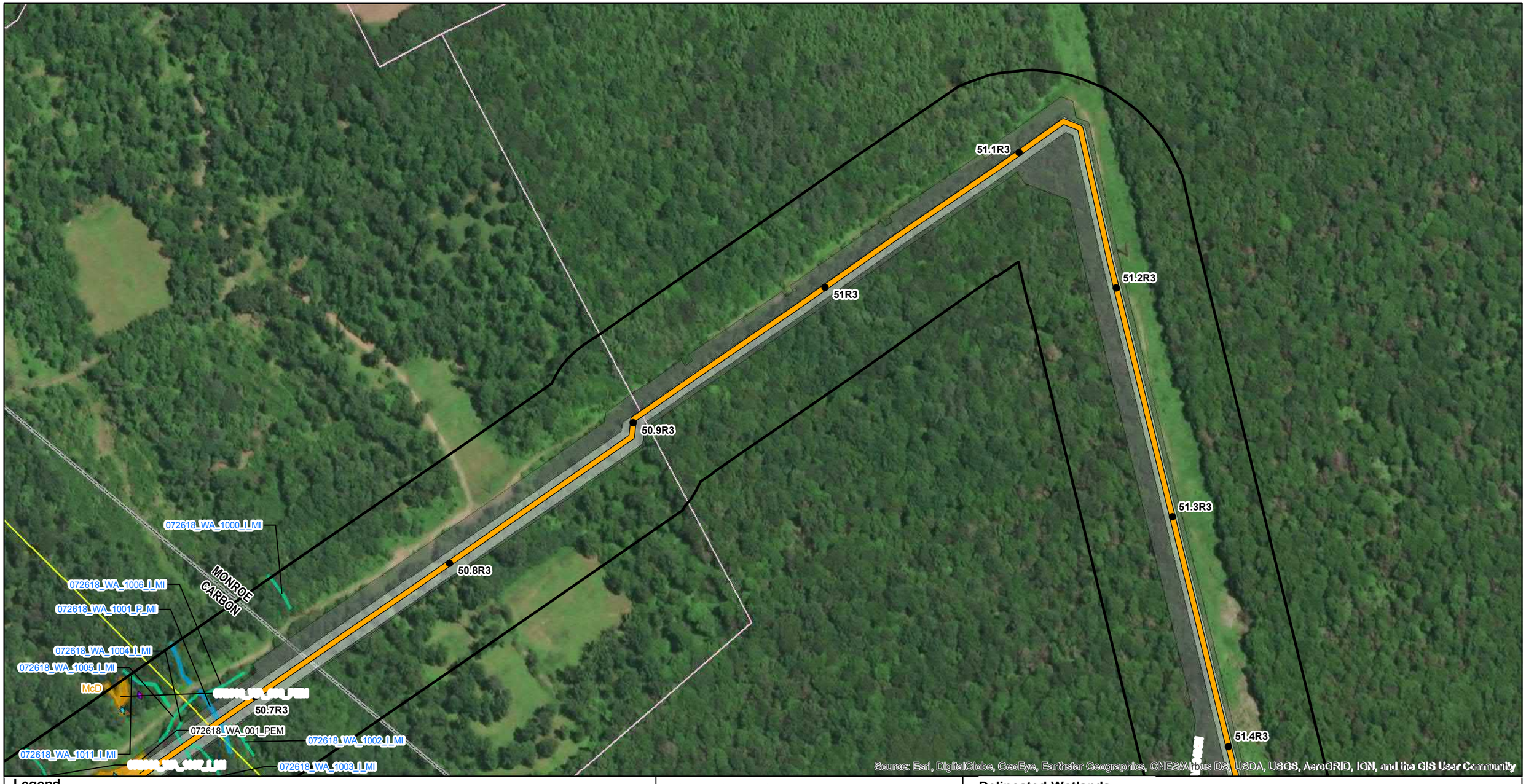
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP/ELDRED TWP, CARBON/MONROE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 105 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
- 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:LOWER TOWAMENSING TWP / ELDRED TWP, CARBON / MONROE, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 106 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

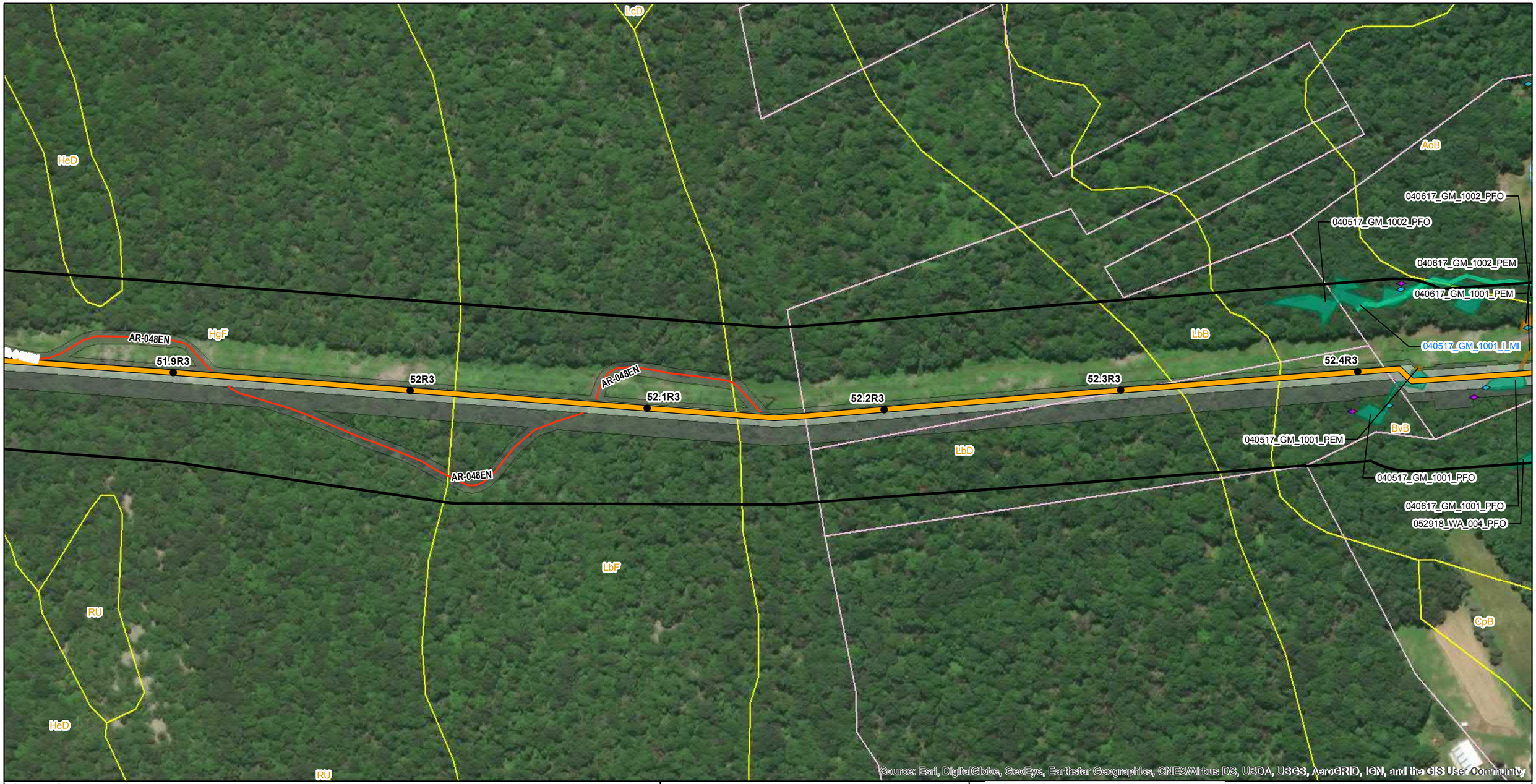
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER TOWAMENSING TWP / ELDRED TWP / MOORE TWP, CARBON / MONROE / NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 107 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

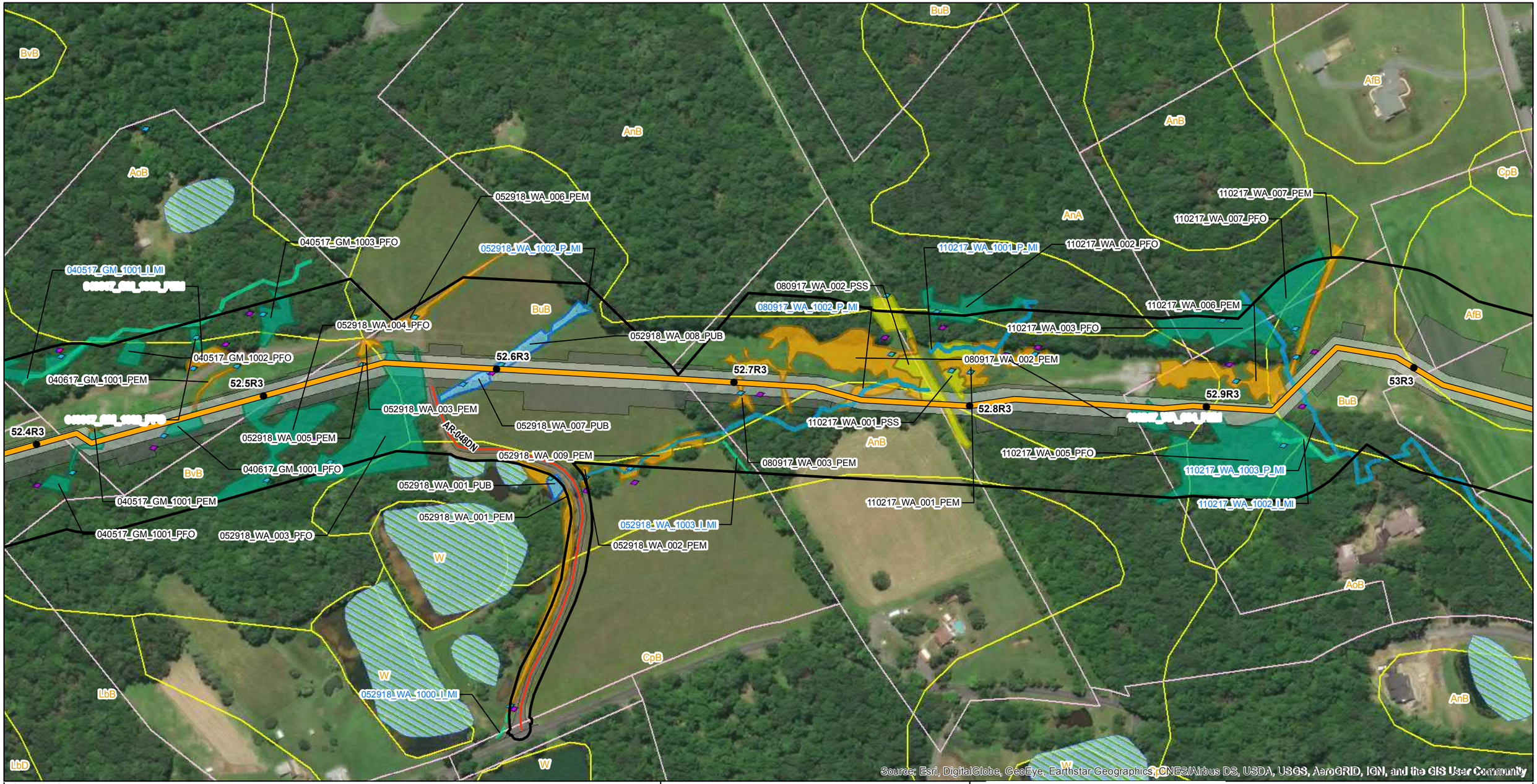
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 108 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
- PSS
- Upland Soil Pit
- PFO
- PUB
- Wetland Soil Pit

PennEast Pipeline Company, LLC

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

0 100 200 400 Feet

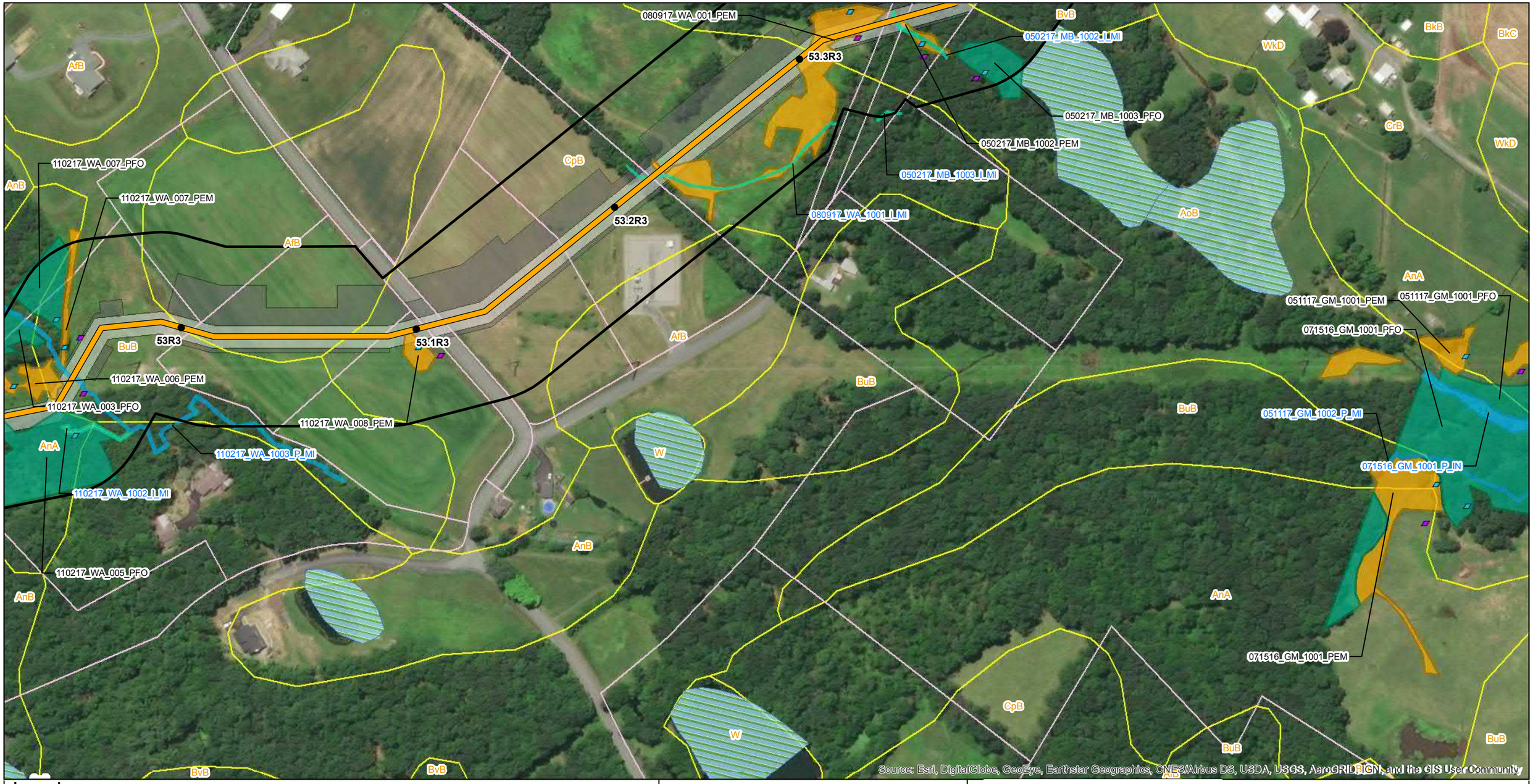
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 109 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
- 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

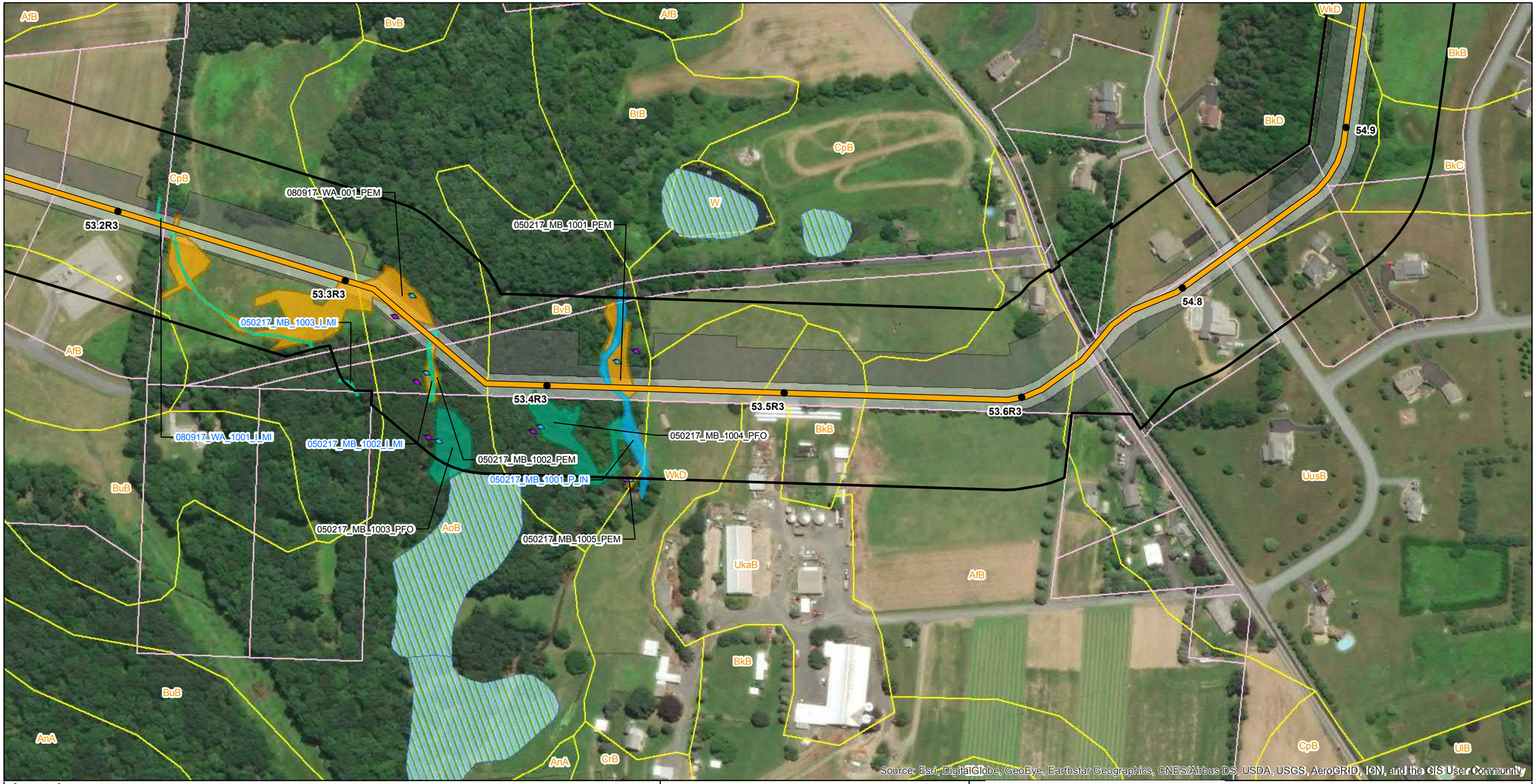
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 110 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
- 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 111 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 112 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 113 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

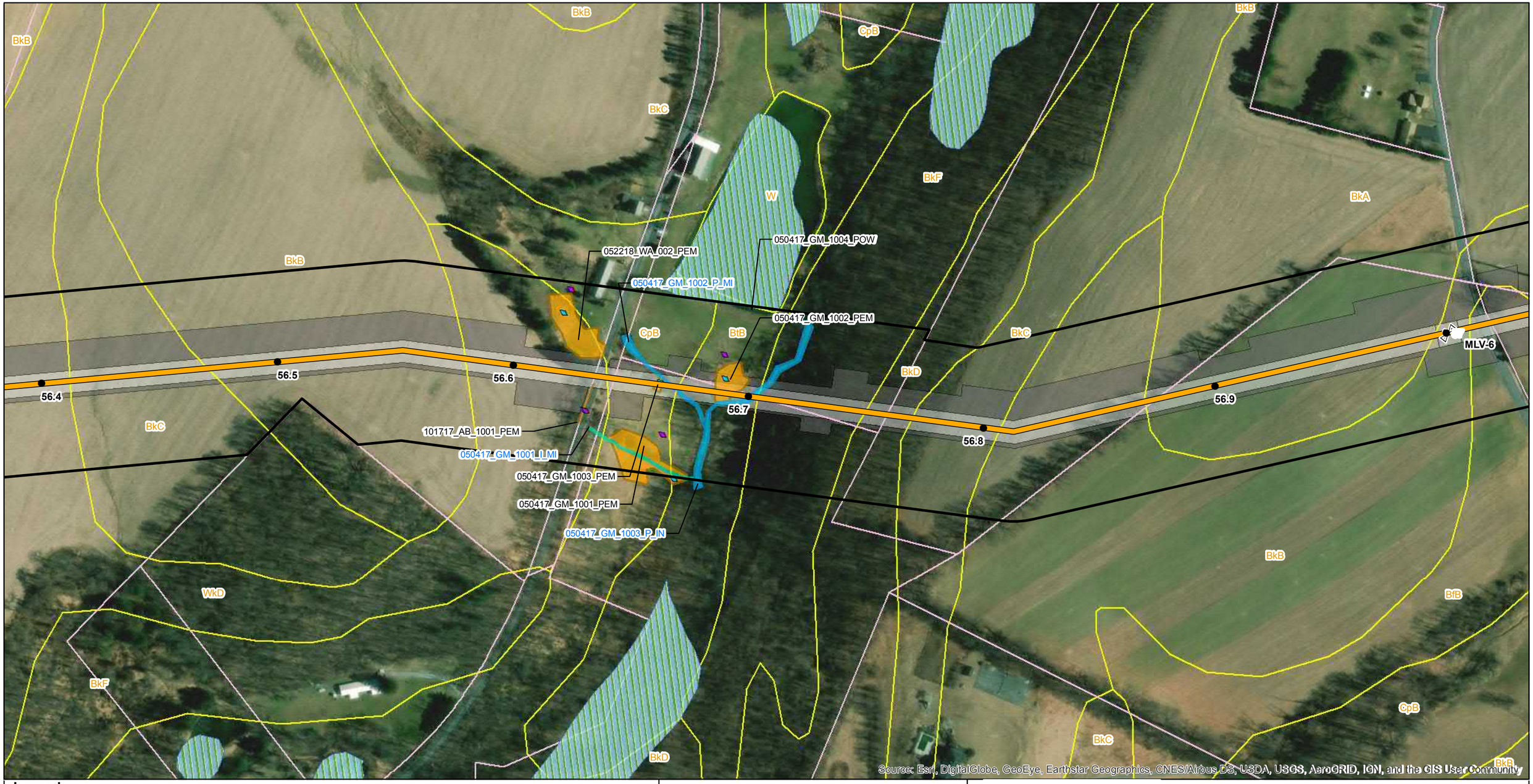
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 114 of 138



Legend

- Mile Post
- Mainline Block Valve
- 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
- 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 115 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

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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 116 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 117 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
- Intermittent
- Perennial

Delineated Wetlands

- PEM
- Upland Soil Pit
- Wetland Soil Pit

PennEast Pipeline Company, LLC

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

0 100 200 400 Feet

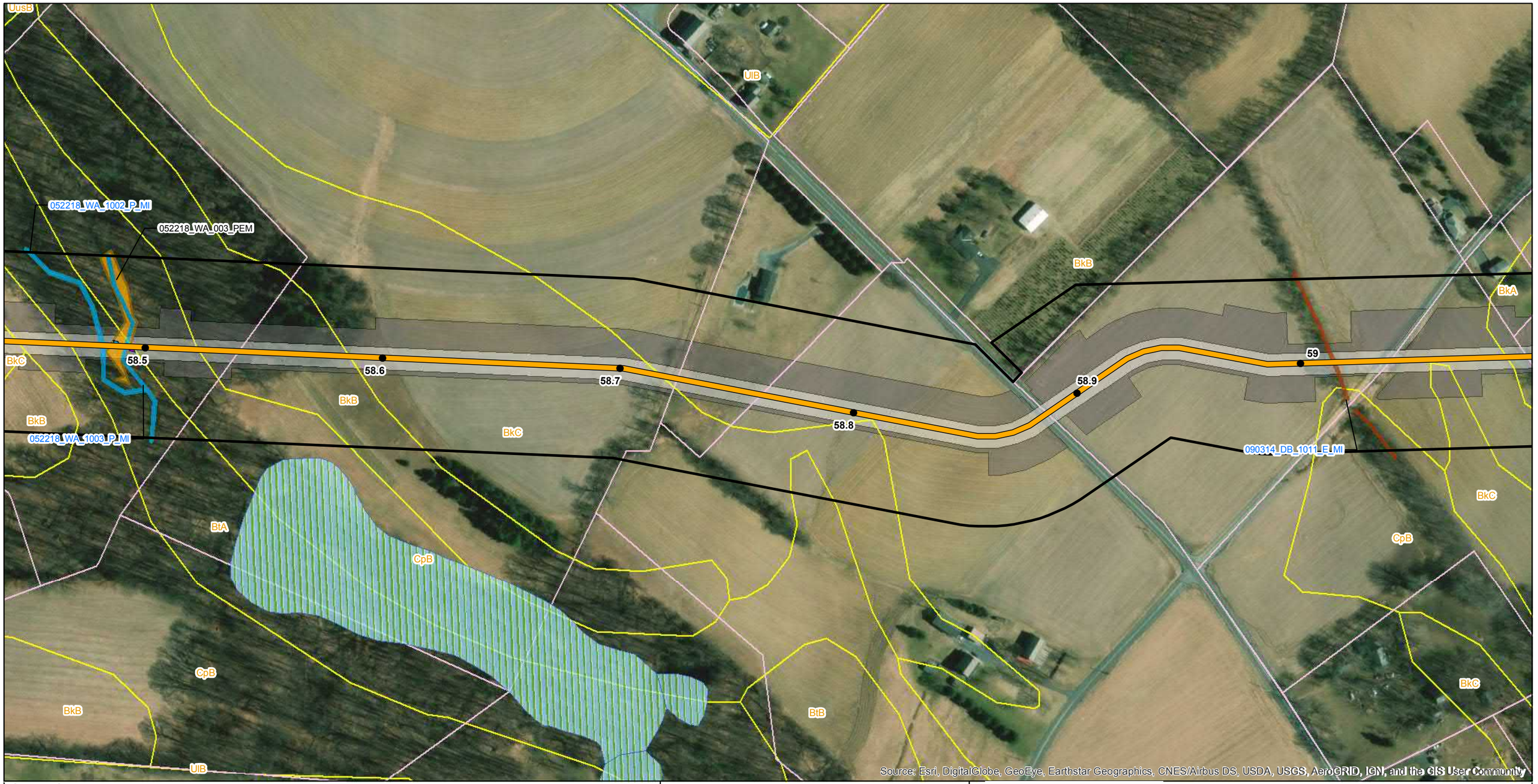
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 118 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

- PEM
- 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 119 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
- 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

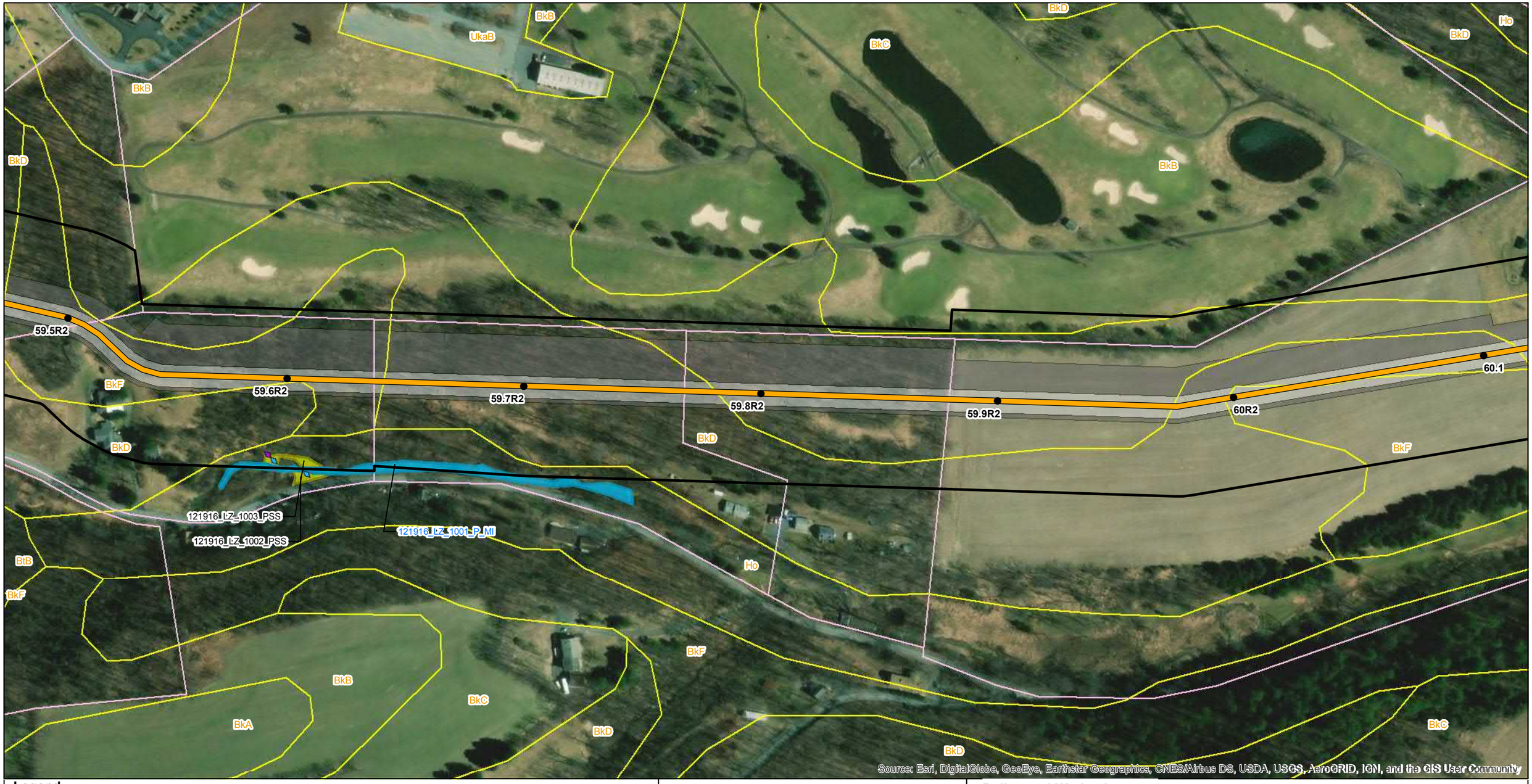
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 120 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

- 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:MOORE TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 121 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

- 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:MOORE TWP/EAST ALLEN TWP/BATH BORO, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 122 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

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:EAST ALLEN TWP/BATH BORO, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 123 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:EAST ALLEN TWP/BATH BORO/UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 124 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:UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 125 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
- 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

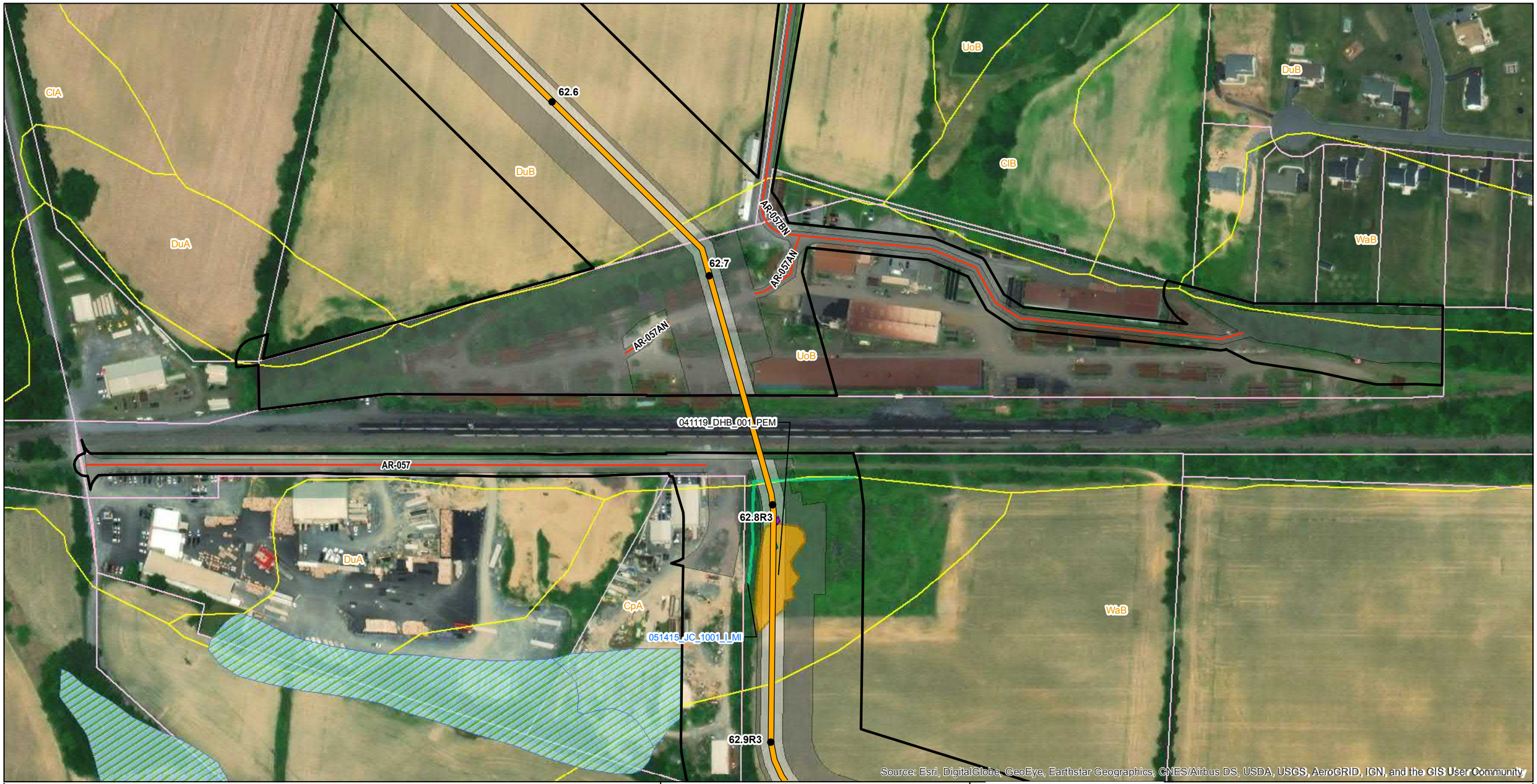
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 126 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
- 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:UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 127 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
- 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:UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 128 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

- 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:UPPER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 129 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

- PEM
- 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:UPPER NAZARETH TWP/LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 130 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
- 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:LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 131 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

- 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:LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 132 of 138

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
- 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:LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 133 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:LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 134 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:LOWER NAZARETH TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 135 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

- 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

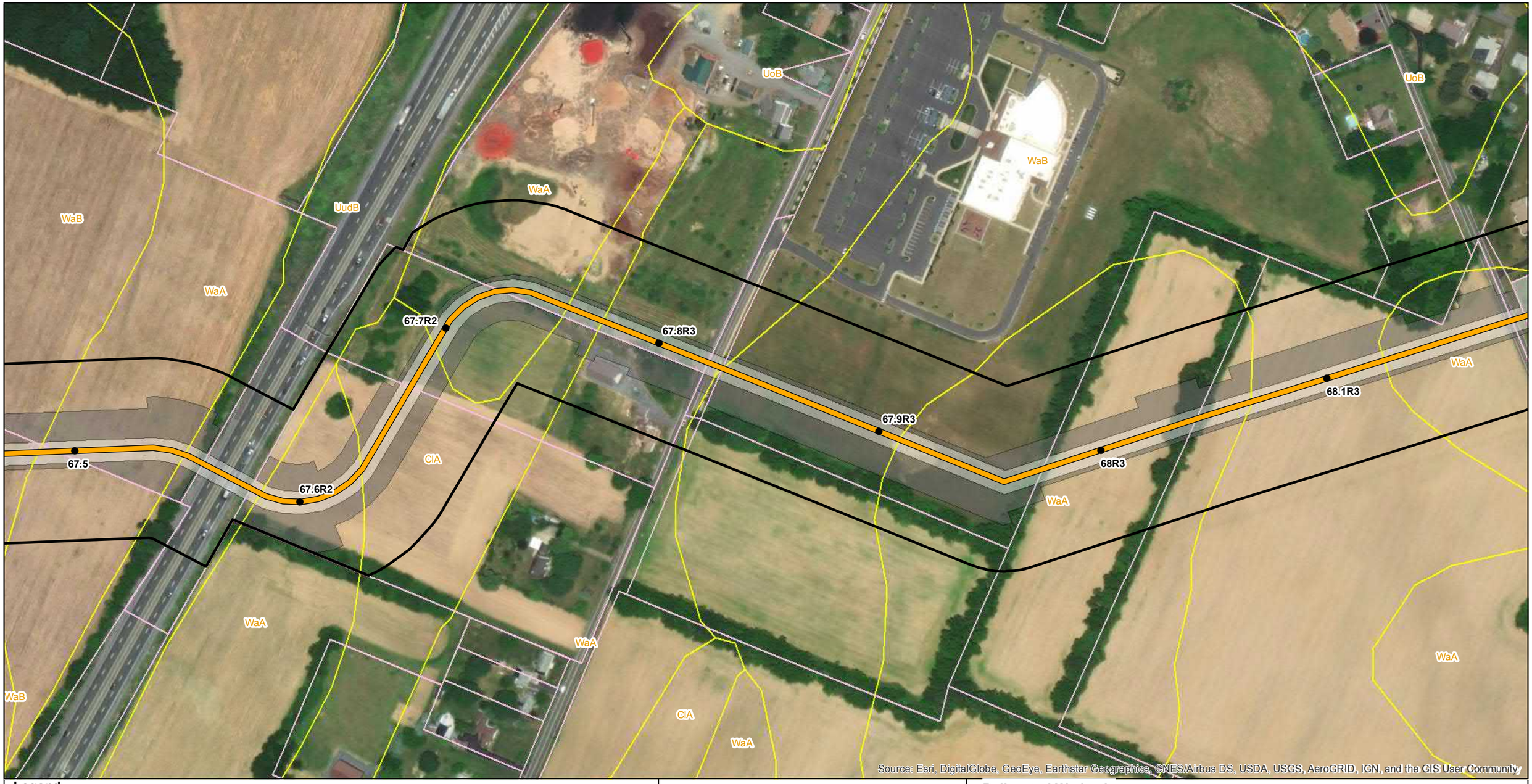
NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

Key Map Not Drawn to Scale

TITLE:

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

LOC:LOWER NAZARETH TWP/BETHLEHEM TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 136 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:BETHLEHEM TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 137 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

- Pond

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:BETHLEHEM TWP, NORTHAMPTON, PA				Date: 5/6/2020
DRN. BY: NAB	CKD. BY: SKB	REV.:	SCALE: See Graphic Scale	SHEET: 138 of 138