

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

Delineated Waterbodies
Intermittent

Delineated Wetlands		
PEM	PFO	Wetland Photo Locations

PennEast
PIPELINE

PennEast Pipeline Company, LLC

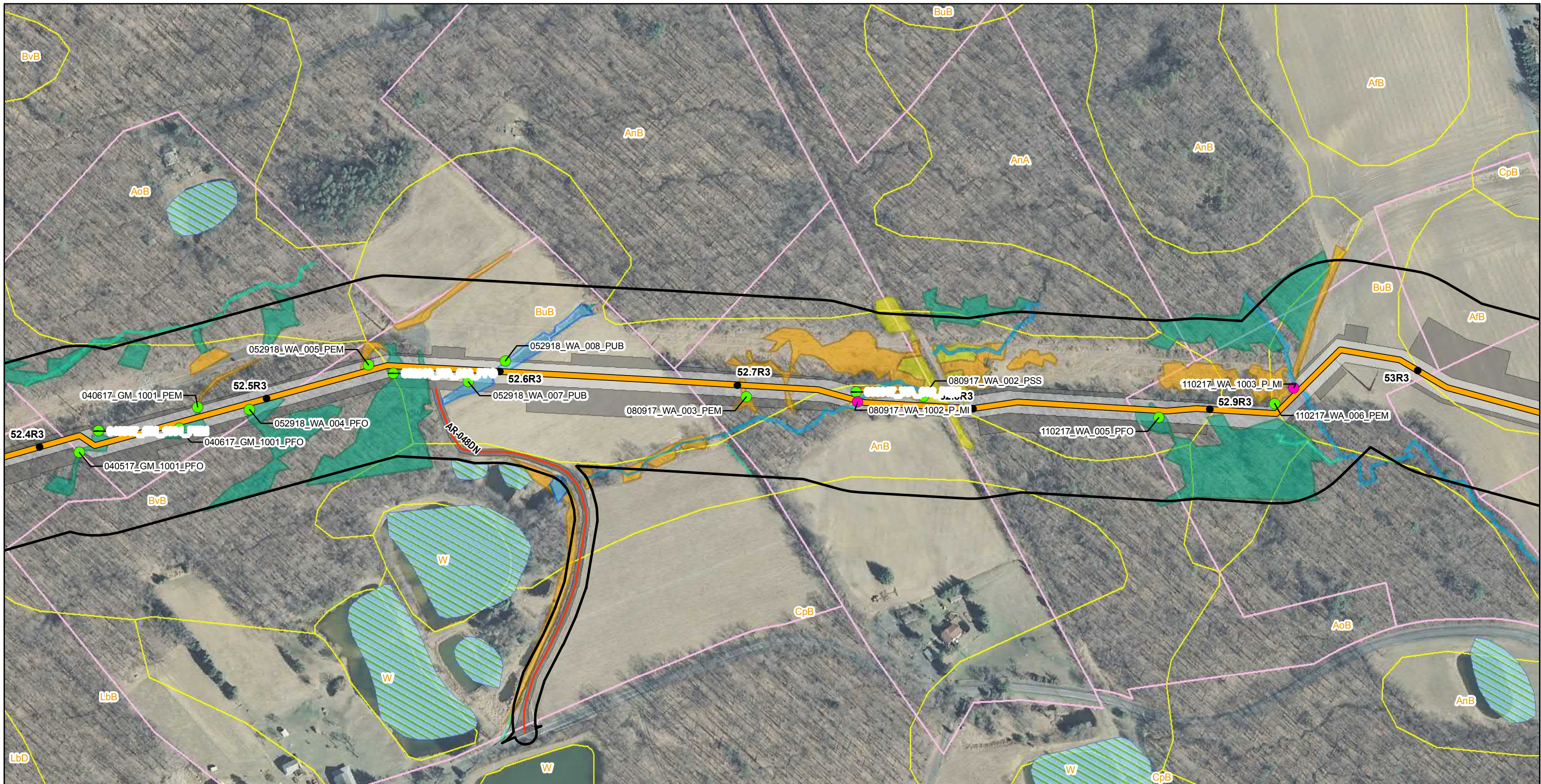
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 141 of 194



Legend <ul style="list-style-type: none"> ● Mile Post ▬ Proposed Route (9/19/2018) ▬ Access Road Centerline ▬ Permanent Easement ▬ Construction Limits ▬ Study Corridor ▬ Parcel Boundary ▬ Soil Map Unit ▬ NWI Wetland ▬ Delaware River Basin Boundary ▬ County Boundary 		Delineated Waterbodies <ul style="list-style-type: none"> ▬ Intermittent ▬ Perennial ● Water Photo Locations 	Delineated Wetlands <ul style="list-style-type: none"> ▬ PEM ▬ PSS ▬ PFO ▬ PUB ● Wetland Photo Locations
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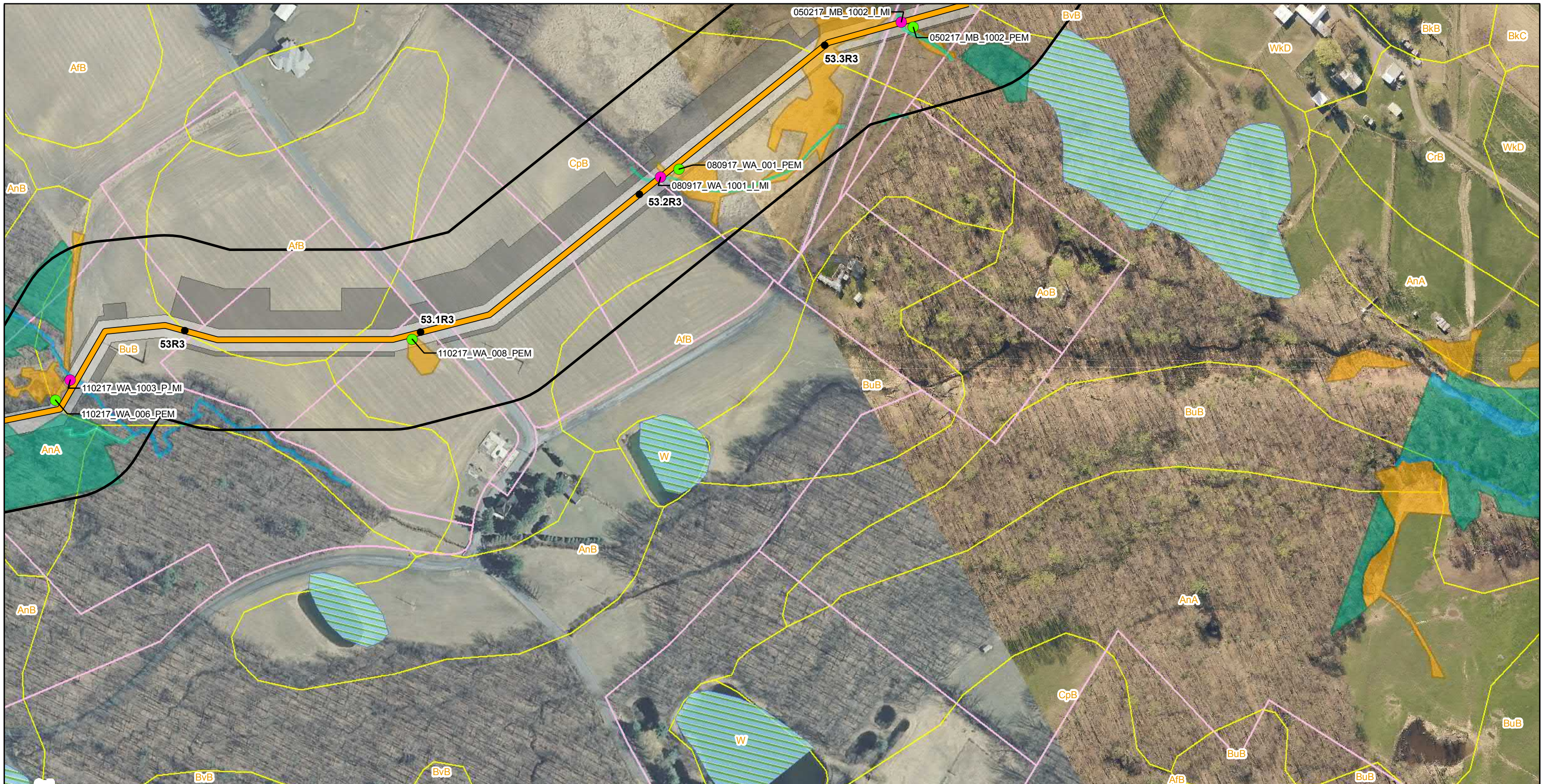
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NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

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Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 142 of 194



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

Delineated Waterbodies	
Intermittent	Perennial
Water Photo Locations	

Delineated Wetlands	
PEM	PFO
Wetland Photo Locations	

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: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 143 of 194



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

Delineated Waterbodies	
Intermittent	Perennial
Water Photo Locations	

Delineated Wetlands	
PEM	PFO
Wetland Photo Locations	

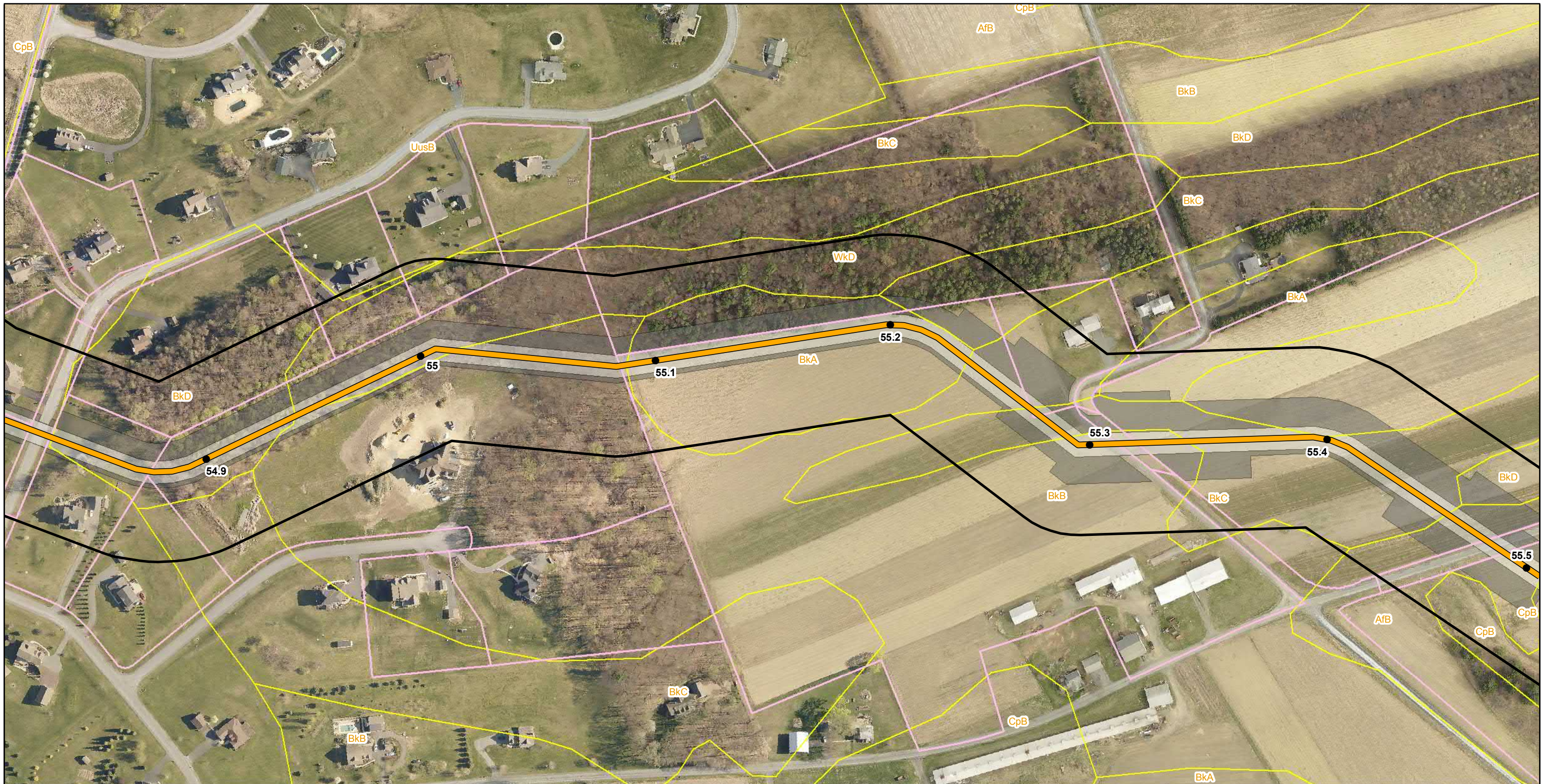


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2015 Aerial Imagery (PennEast)

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NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 144 of 194



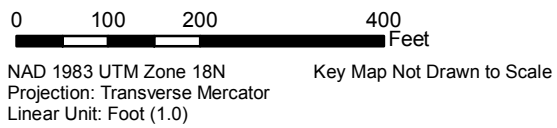
Legend		
● Mile Post	Construction Limits	Soil Map Unit
Proposed Route (9/19/2018)	Study Corridor	Delaware River Basin Boundary
Permanent Easement	Parcel Boundary	County Boundary

Delineated Waterbodies

Delineated Wetlands



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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 145 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Water Photo Locations

Delineated Wetlands	
PEM	PFO
Wetland Photo Locations	



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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 146 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Water Photo Locations

Delineated Wetlands	
PEM	PFO
Wetland Photo Locations	

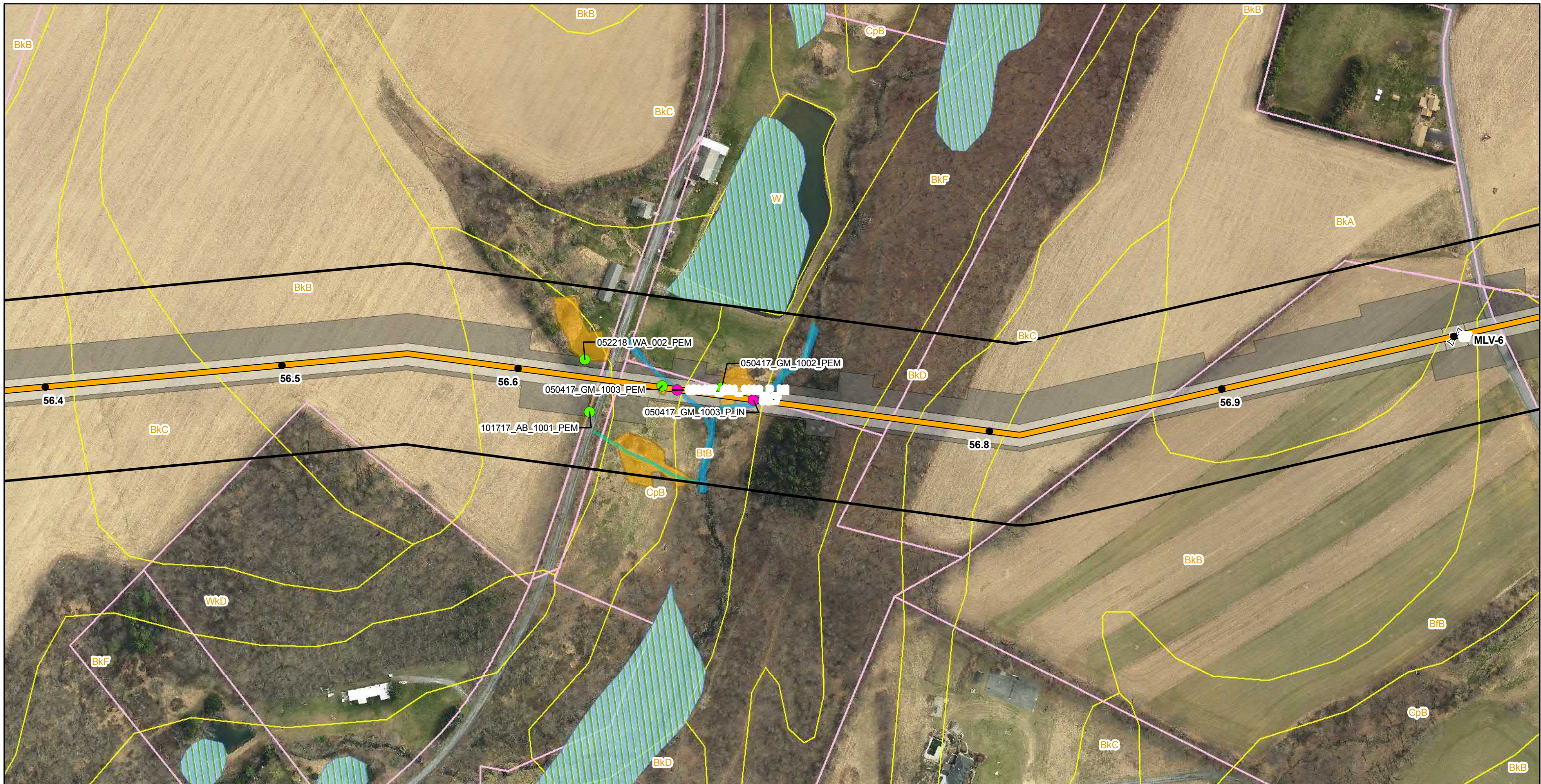
PennEast PIPELINE
PennEast Pipeline Company, LLC

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)
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 147 of 194



Legend ● Mile Post ⊠ Mainline Block Valve — Proposed Route (9/19/2018)		Permanent Easement Construction Limits Study Corridor		Parcel Boundary Soil Map Unit NWI Wetland		Delaware River Basin Boundary County Boundary	
Delineated Waterbodies Intermittent Perennial Water Photo Locations				Delineated Wetlands PEM Wetland Photo Locations			

PennEast
PIPELINE

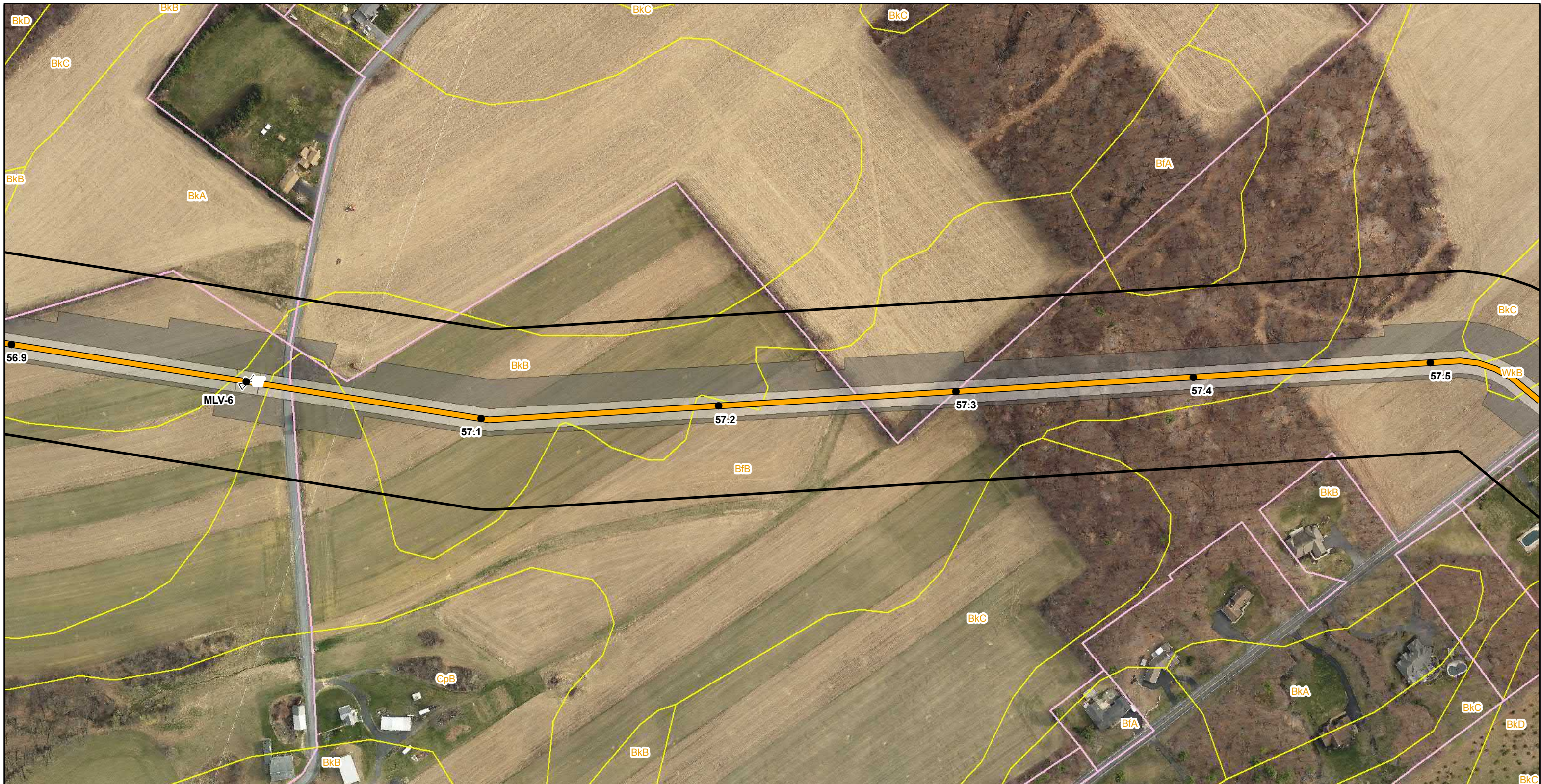
PennEast Pipeline Company, LLC

Reference:
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 2015 Aerial Imagery (PennEast)

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 NAD 1983 UTM Zone 18N
 Projection: Transverse Mercator
 Linear Unit: Foot (1.0)
 Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 148 of 194



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

Delineated Waterbodies

Delineated Wetlands



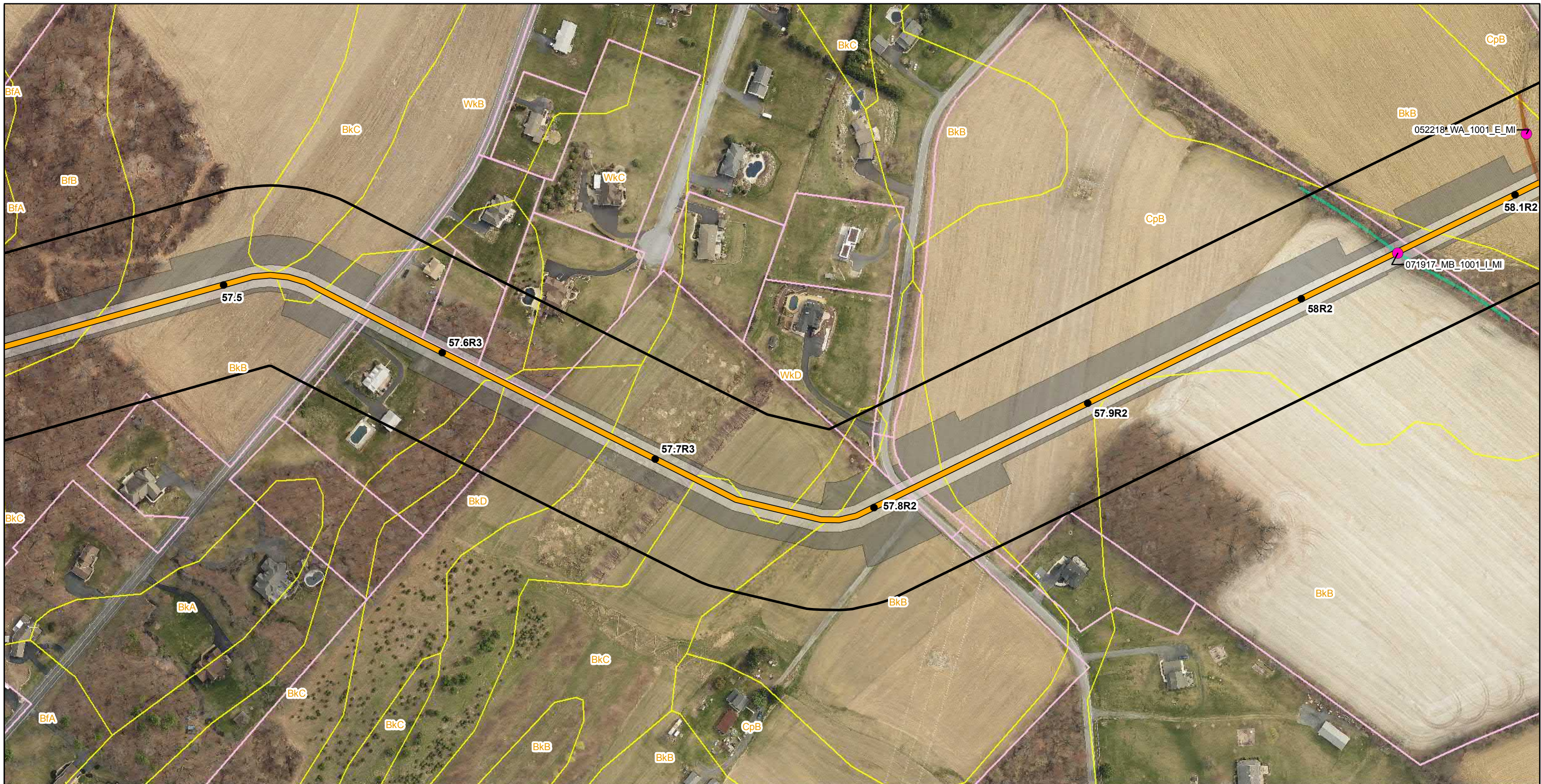
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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 149 of 194



Legend <ul style="list-style-type: none"> ● Mile Post ▬ Proposed Route (9/19/2018) ▬ Permanent Easement ▬ Construction Limits ▬ Study Corridor ▬ Parcel Boundary ▬ County Boundary ▬ Soil Map Unit ▬ Delaware River Basin Boundary ▬ County Boundary 		Delineated Waterbodies <ul style="list-style-type: none"> ▬ Ephemeral ▬ Intermittent ● Water Photo Locations 	Delineated Wetlands
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PennEast PIPELINE

PennEast Pipeline Company, LLC

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

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018 SHEET: 150 of 194



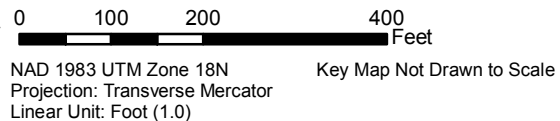
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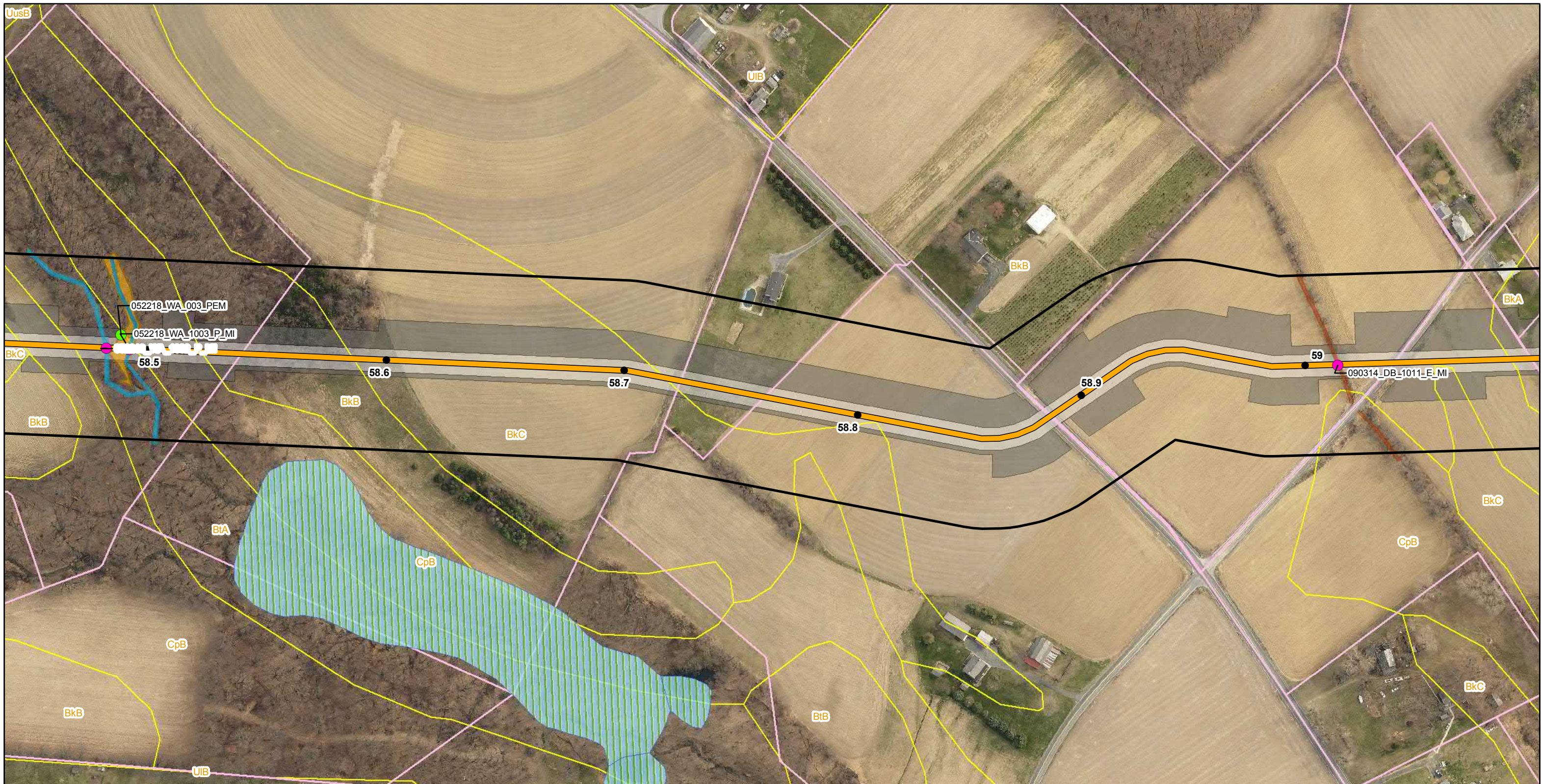
PennEast Pipeline Company, LLC



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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 151 of 194



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

Delineated Waterbodies	
▭ Ephemeral	▭ Perennial
● Water Photo Locations	

Delineated Wetlands	
▭ PEM	● Wetland Photo Locations



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

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 152 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Water Photo Locations

Delineated Wetlands	
PEM	PSS
Wetland Photo Locations	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

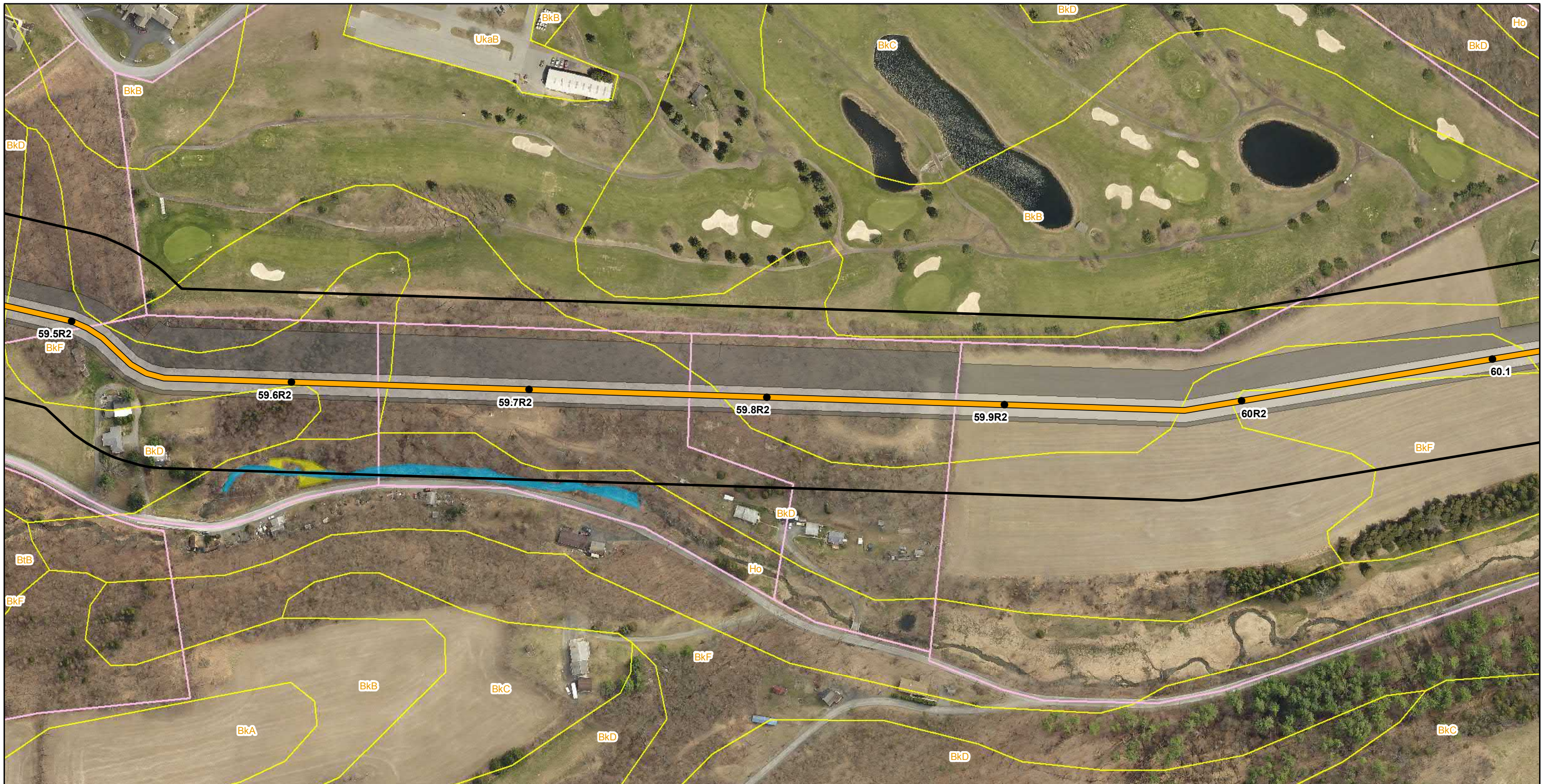
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2015 Aerial Imagery (PennEast)

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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 153 of 194



Legend <ul style="list-style-type: none"> ● Mile Post ▬ Proposed Route (9/19/2018) ▬ Permanent Easement ▬ Construction Limits ▬ Study Corridor ▬ Parcel Boundary ▬ Soil Map Unit ▬ Delaware River Basin Boundary ▬ County Boundary 		Delineated Waterbodies <ul style="list-style-type: none"> ▬ Perennial 	Delineated Wetlands <ul style="list-style-type: none"> ▬ PSS
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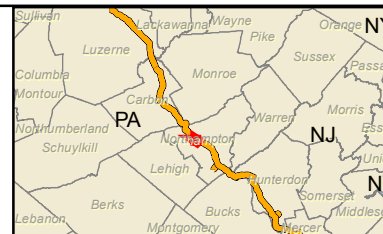


PennEast Pipeline Company, LLC

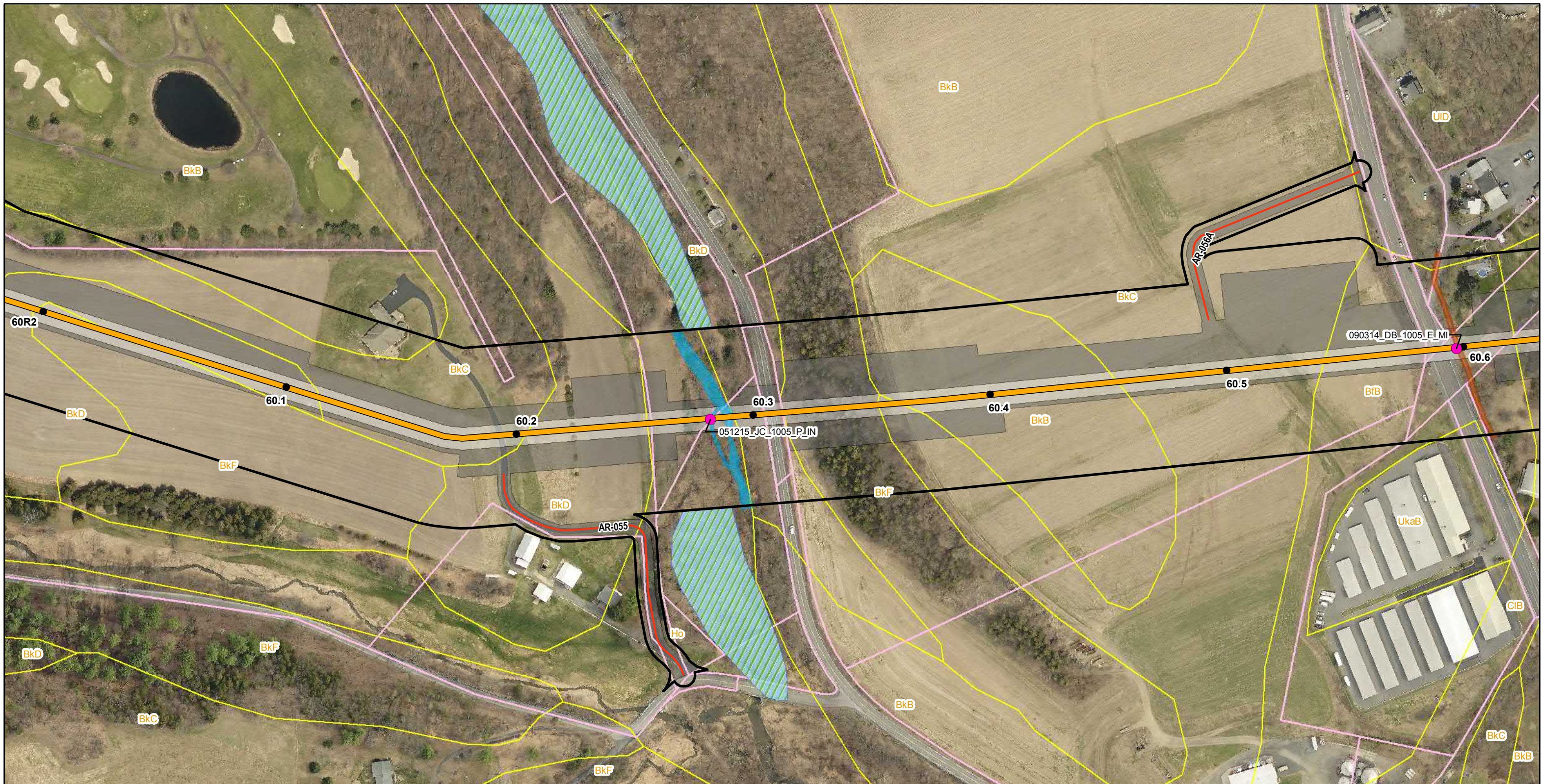


Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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 NAD 1983 UTM Zone 18N
 Projection: Transverse Mercator
 Linear Unit: Foot (1.0)
 Key Map Not Drawn to Scale



TITLE:		JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania		
LOC: MOORE TWP, NORTHAMPTON, PA		Date: 11/15/2018		
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	SHEET: 154 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
	Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

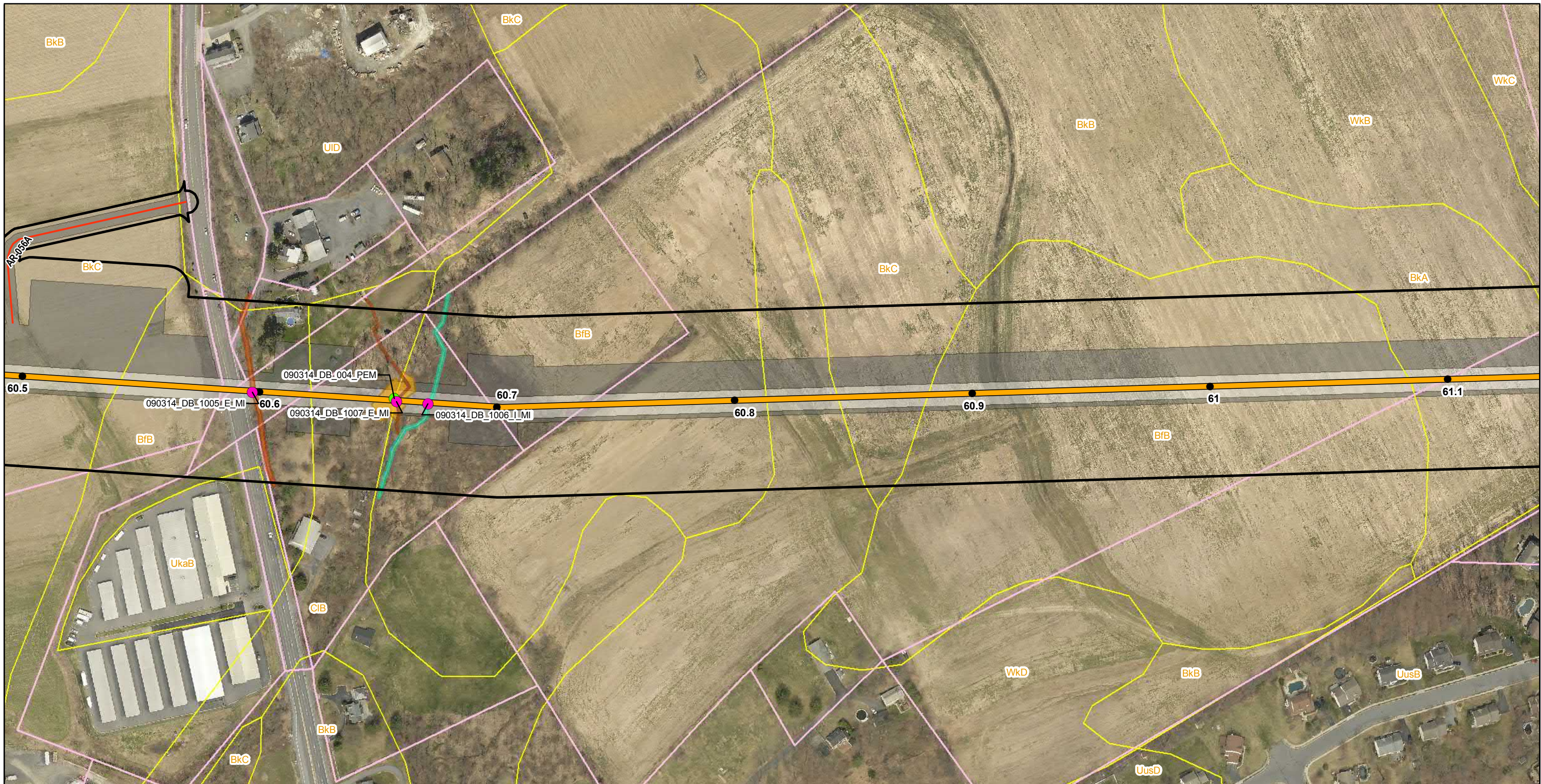
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2015 Aerial Imagery (PennEast)

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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: MOORE TWP/EAST ALLEN TWP/BATH BORO, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 155 of 194



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

Delineated Waterbodies	
Ephemeral	Intermittent
Water Photo Locations	

Delineated Wetlands	
PEM	Wetland Photo Locations

PennEast
PIPELINE

PennEast Pipeline Company, LLC

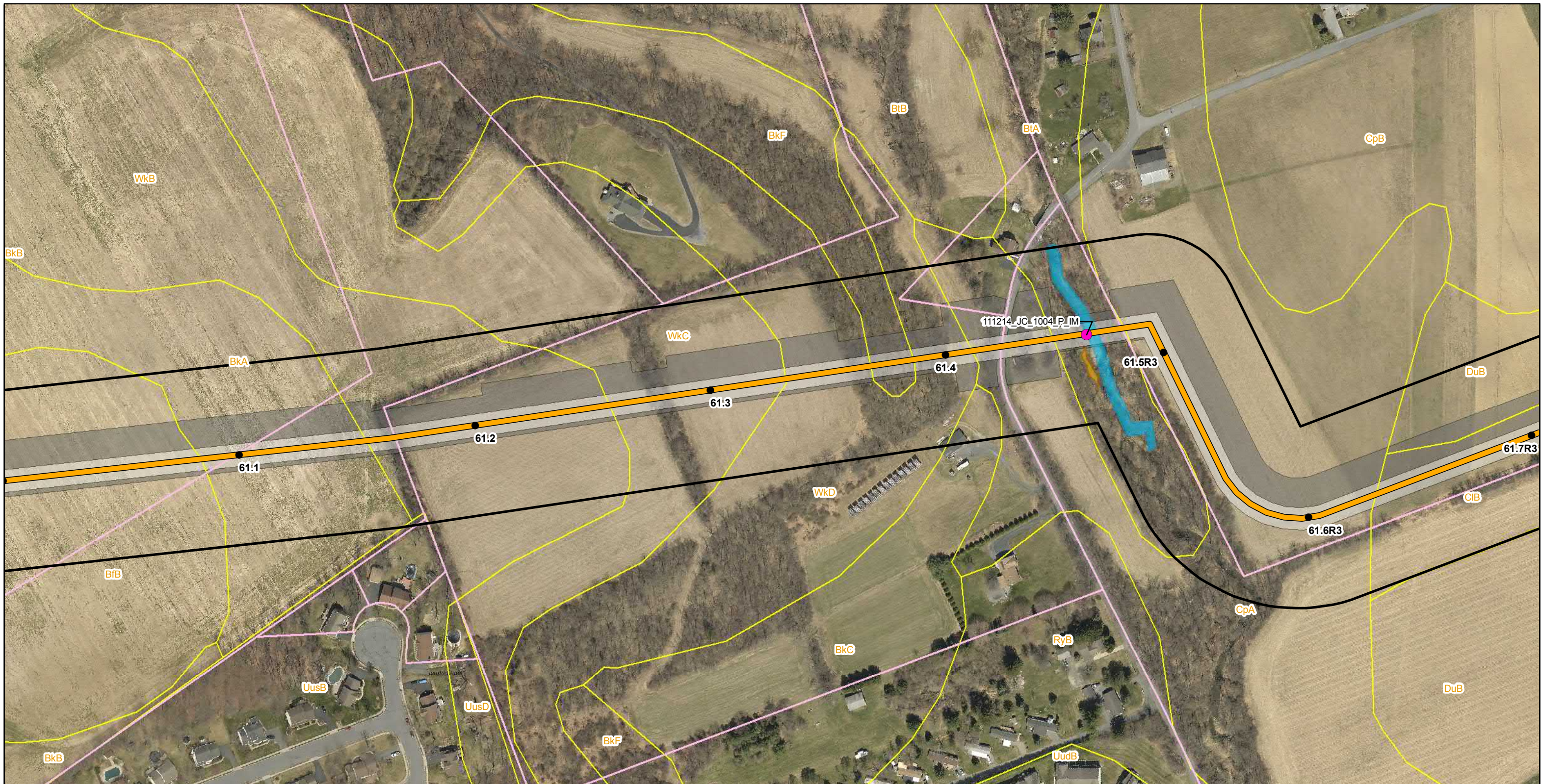
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: EAST ALLEN TWP/BATH BORO, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 156 of 194



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

Delineated Waterbodies	
Perennial	Water Photo Locations

Delineated Wetlands	
PEM	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

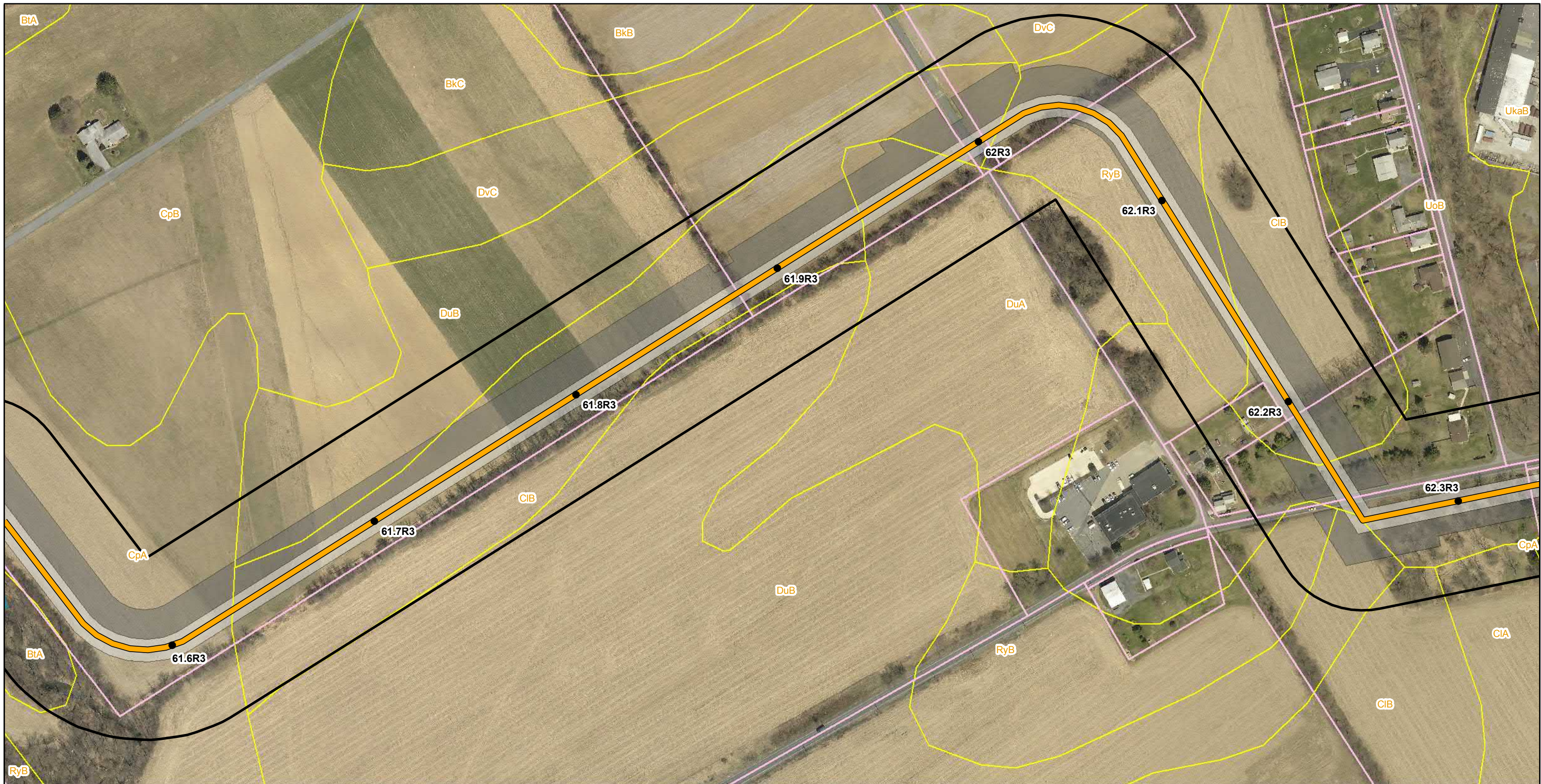
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NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Linear Unit: Foot (1.0)

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: EAST ALLEN TWP/BATH BORO/UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 157 of 194



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

Delineated Waterbodies
Perennial

Delineated Wetlands



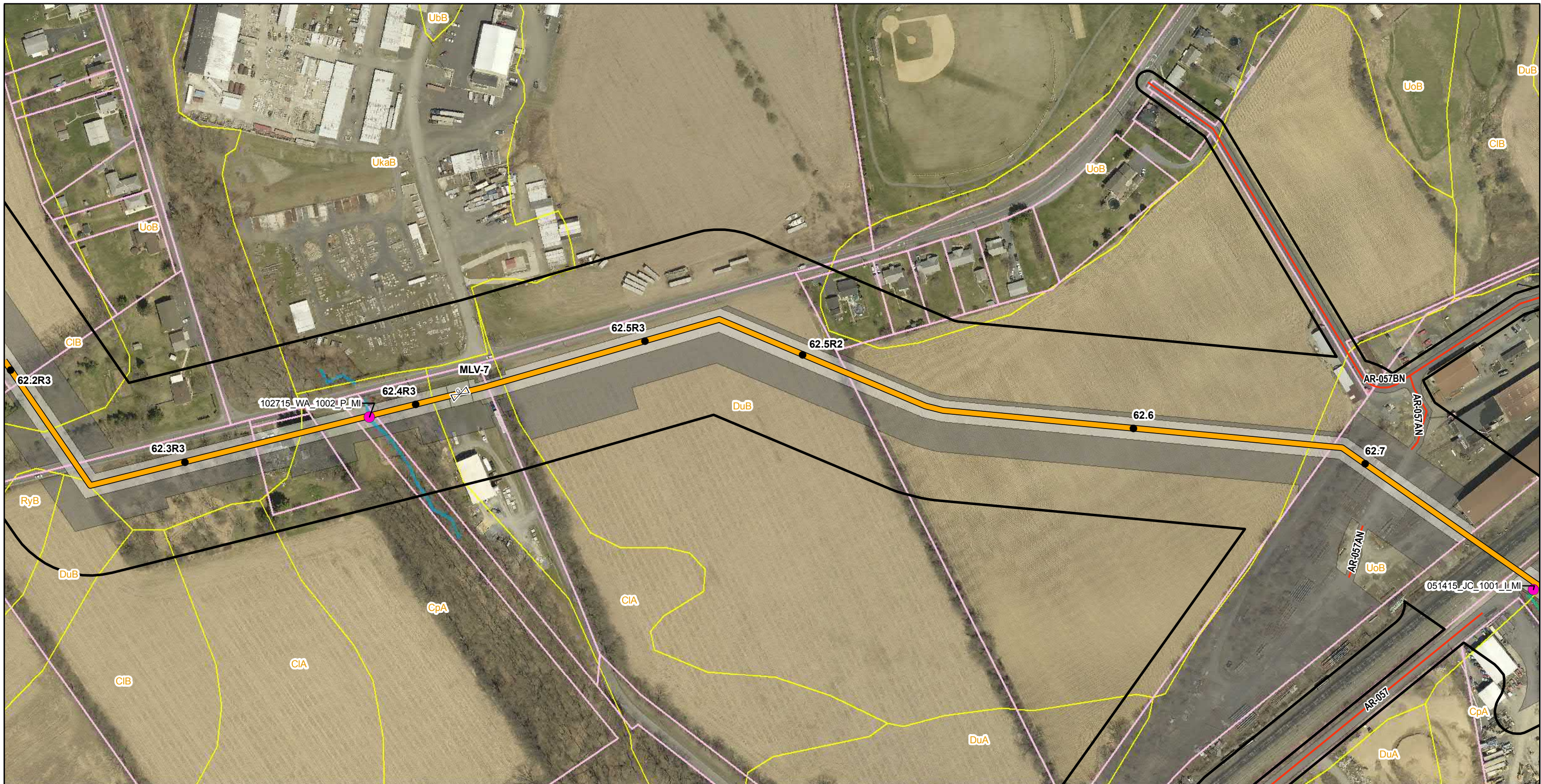
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Linear Unit: Foot (1.0)

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 158 of 194



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

Delineated Waterbodies	
▭ Intermittent	▭ Perennial
● Water Photo Locations	

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

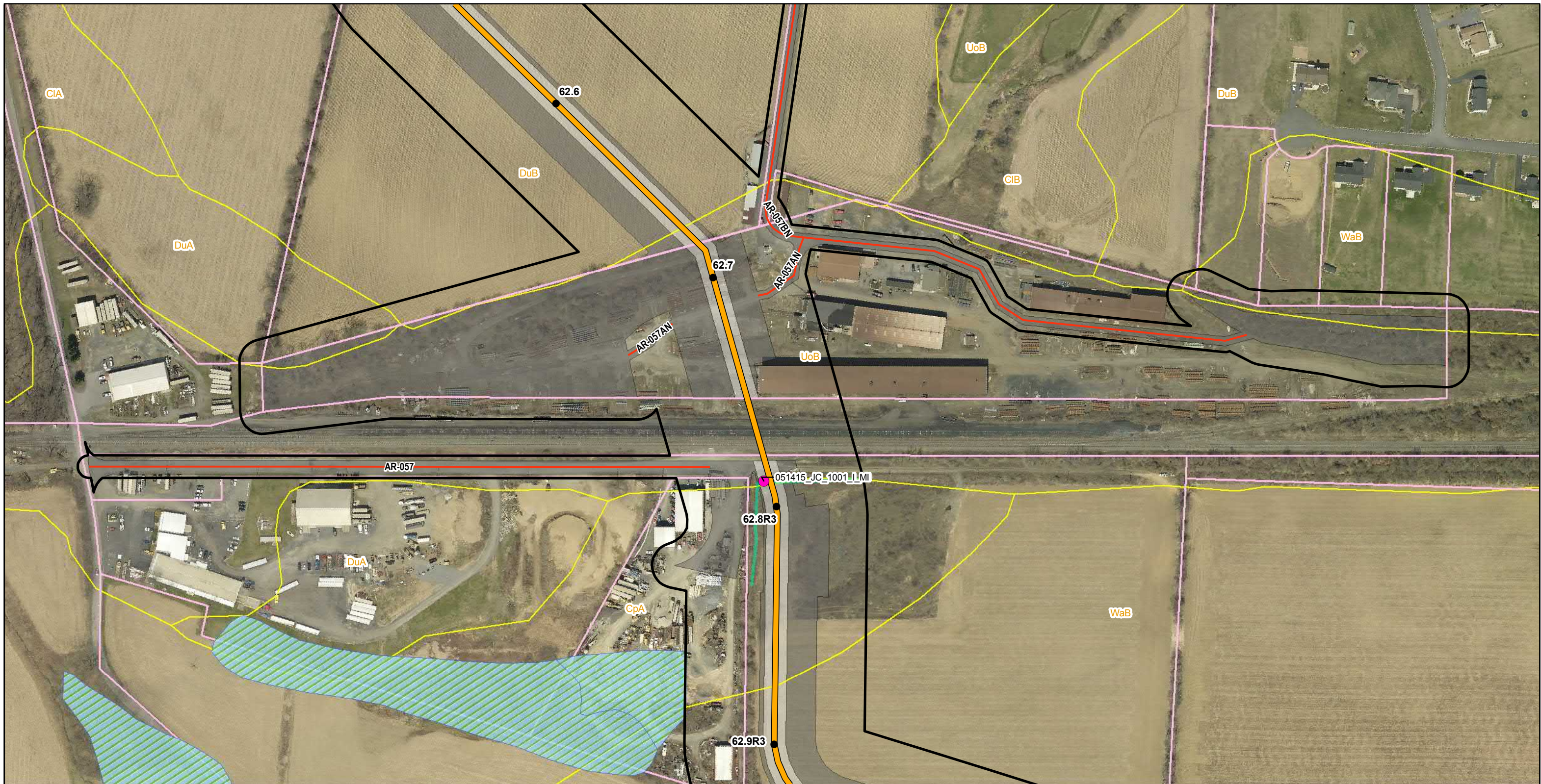
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2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 159 of 194



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

Delineated Waterbodies	
Intermittent	Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

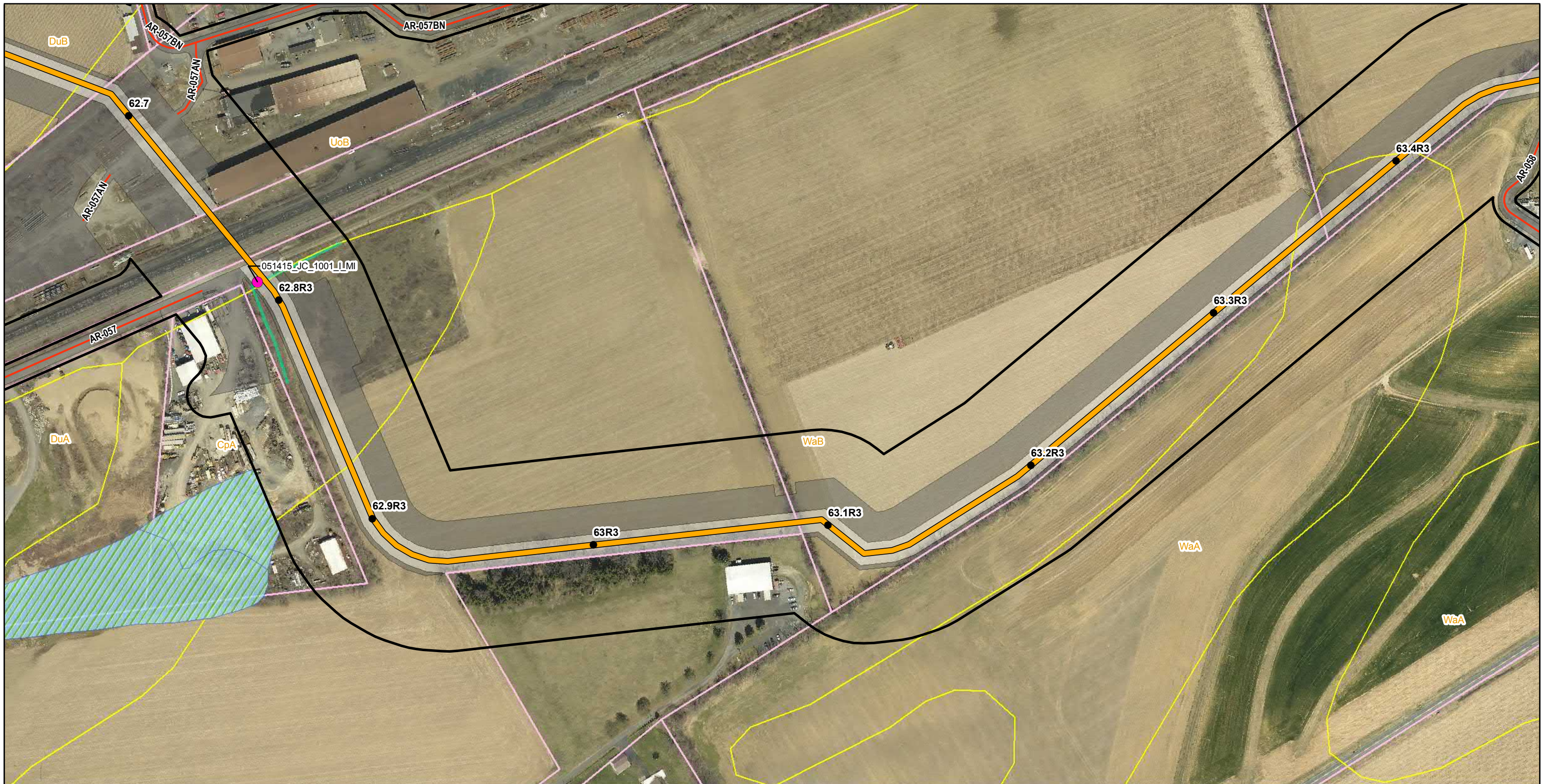
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2015 Aerial Imagery (PennEast)

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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 160 of 194



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

Delineated Waterbodies	
Intermittent	Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

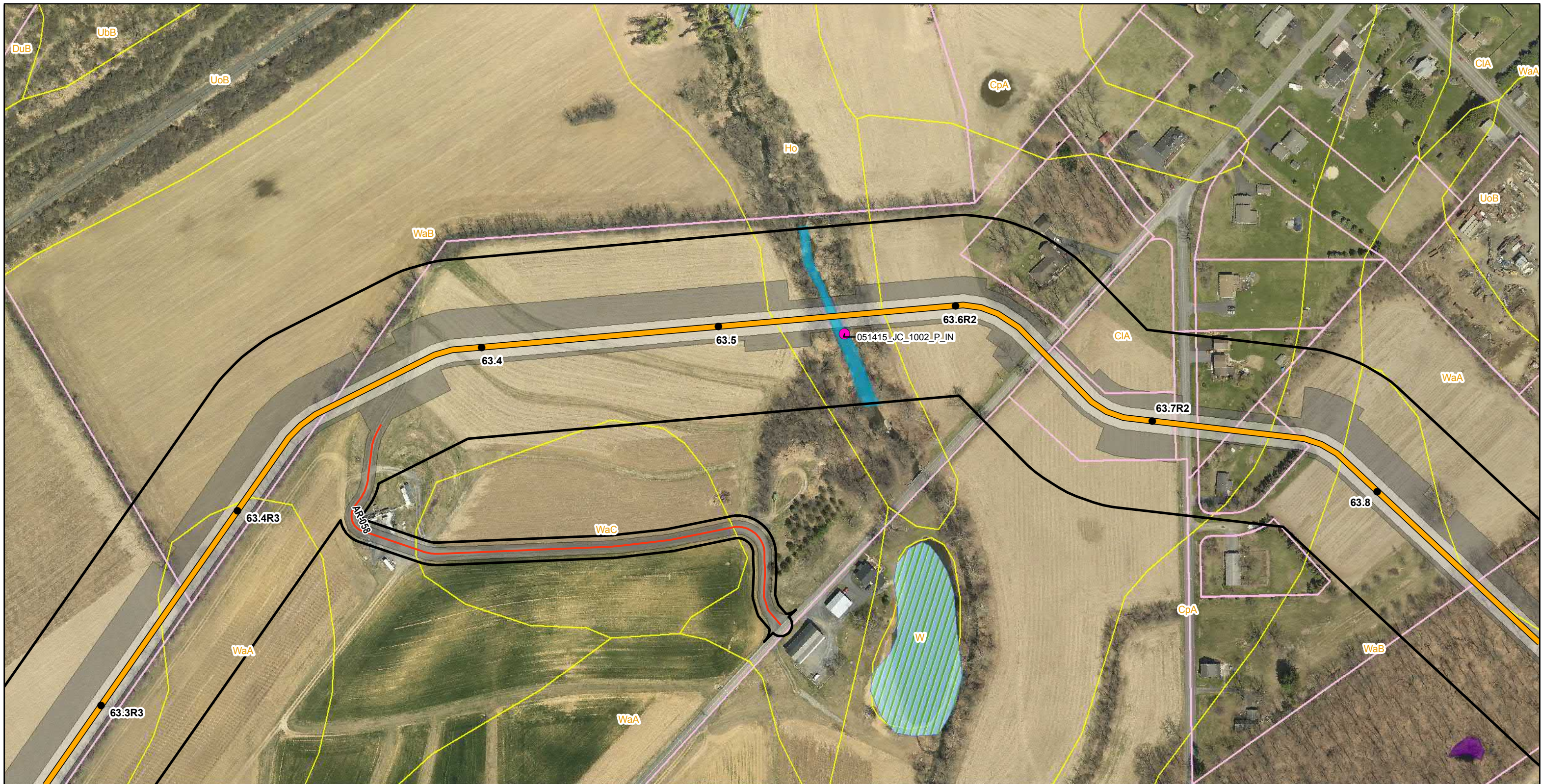
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2015 Aerial Imagery (PennEast)

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Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 161 of 194



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

Delineated Waterbodies	
Perennial	Water Photo Locations

Delineated Wetlands	
Potential Vernal Pool	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

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

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 162 of 194



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

Delineated Waterbodies

Delineated Wetlands		
PEM	Potential Vernal Pool	Wetland Photo Locations



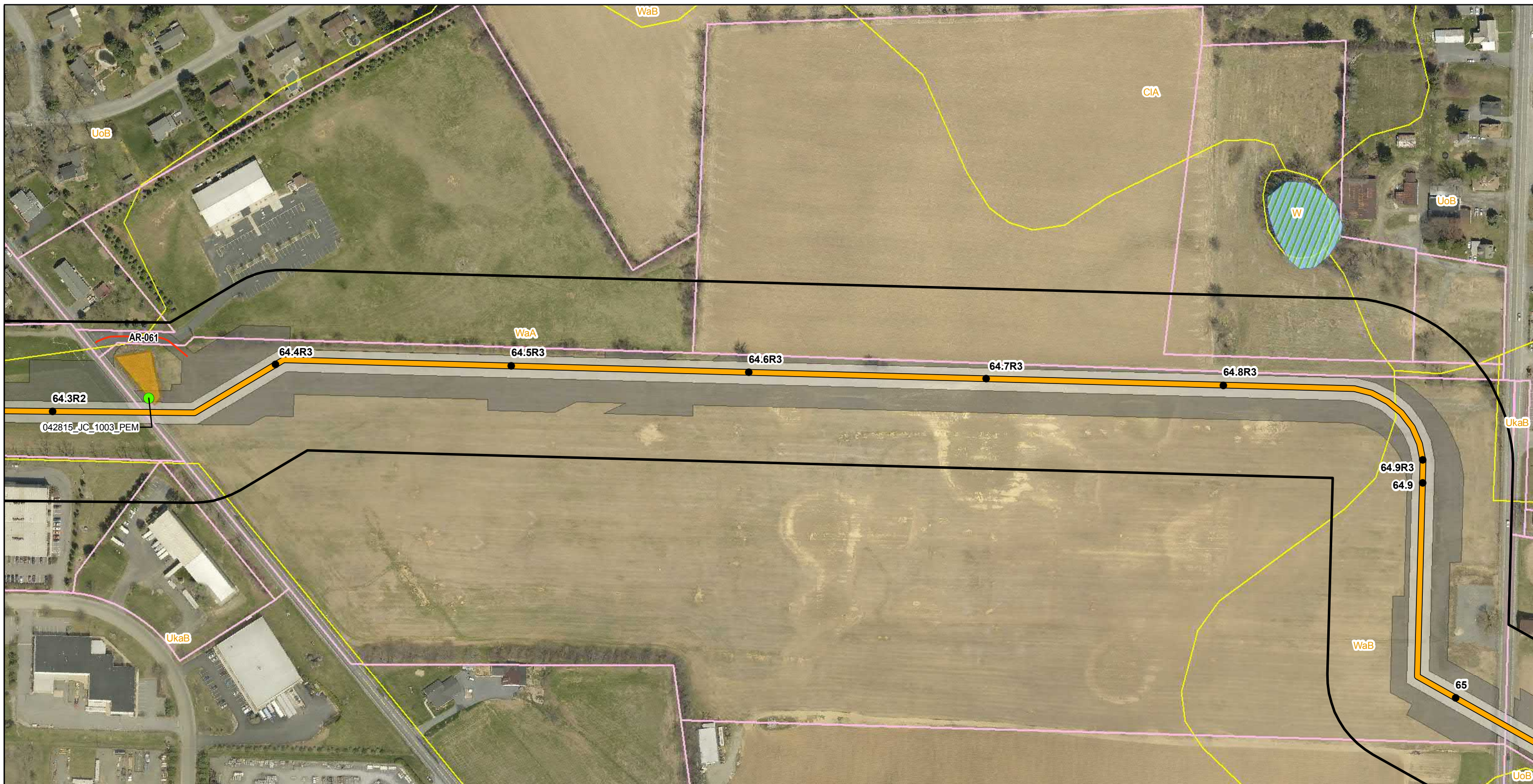
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Linear Unit: Foot (1.0)

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: UPPER NAZARETH TWP/LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 163 of 194



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

Delineated Waterbodies

Delineated Wetlands	
PEM	Wetland Photo Locations



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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 164 of 194



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

Delineated Waterbodies

Delineated Wetlands

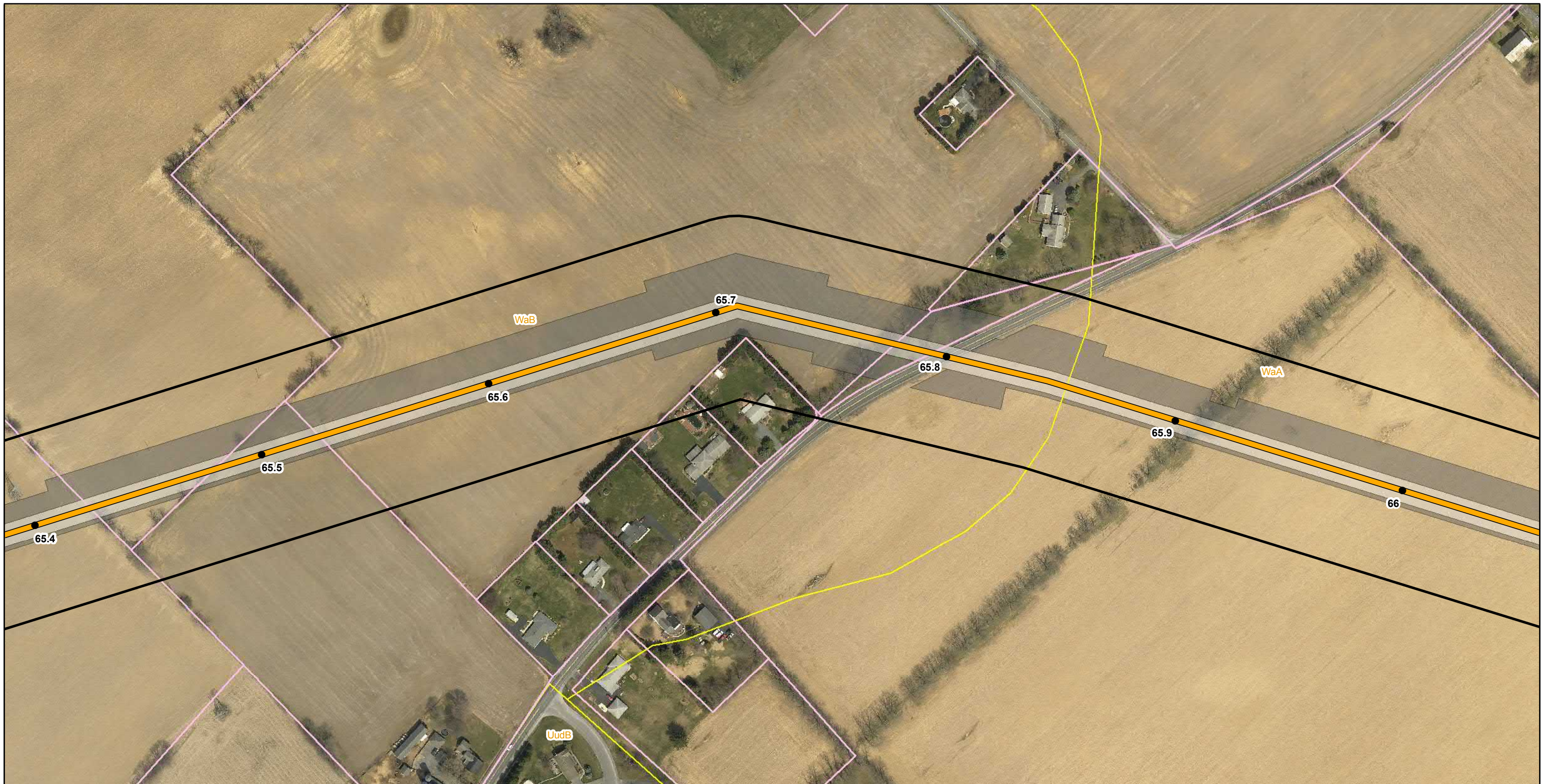


Reference: County Boundary Layer (PASDA)
 2015 Aerial Imagery (PennEast)
 NAD 1983 UTM Zone 18N
 Projection: Transverse Mercator
 Linear Unit: Foot (1.0)

0 100 200 400 Feet
 Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 165 of 194



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

Delineated Waterbodies

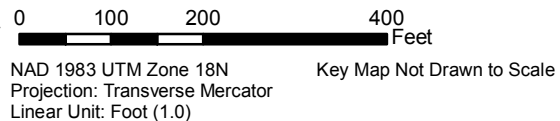
Delineated Wetlands



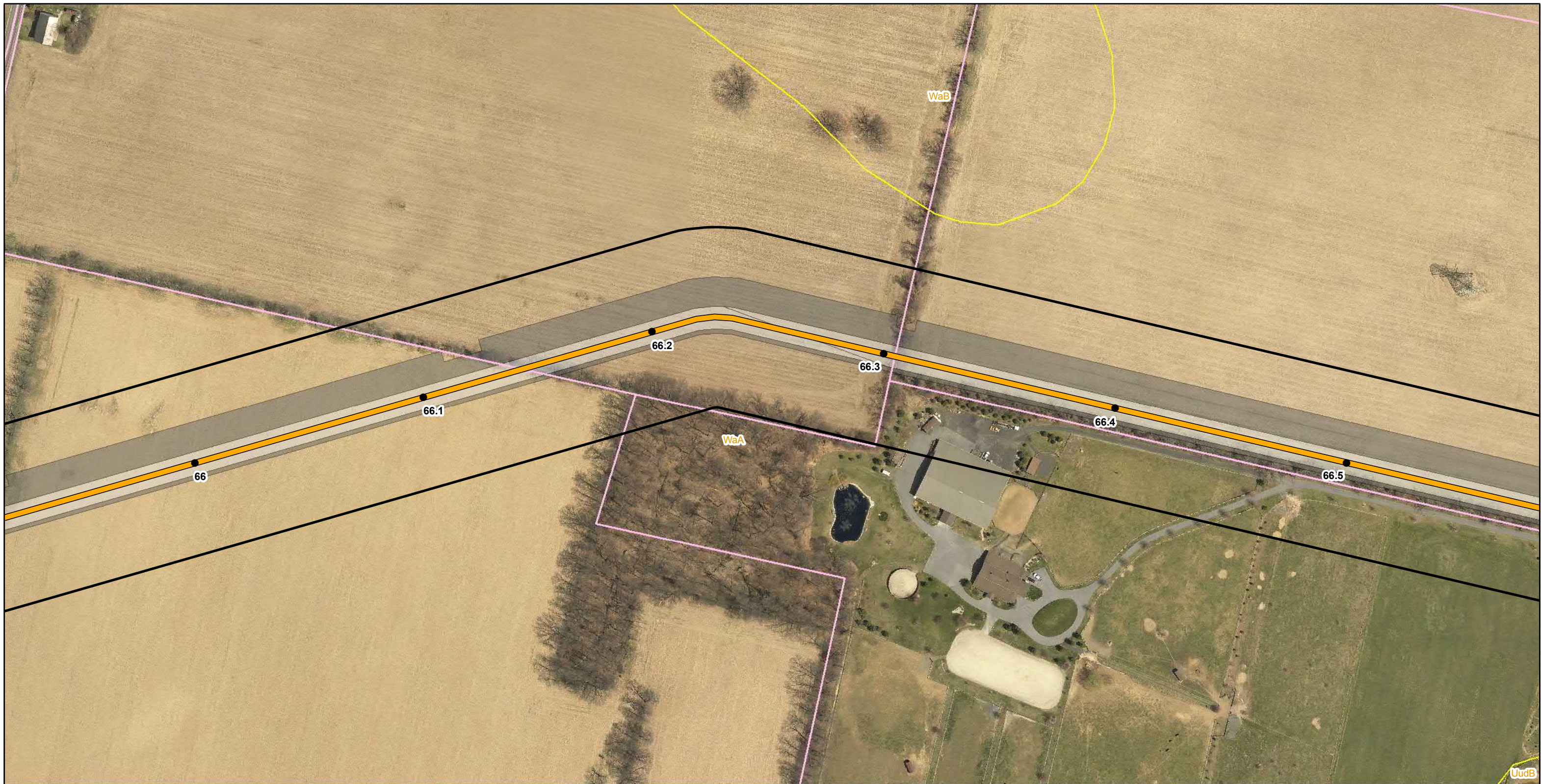
PennEast Pipeline Company, LLC



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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 166 of 194



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

Delineated Waterbodies

Delineated Wetlands



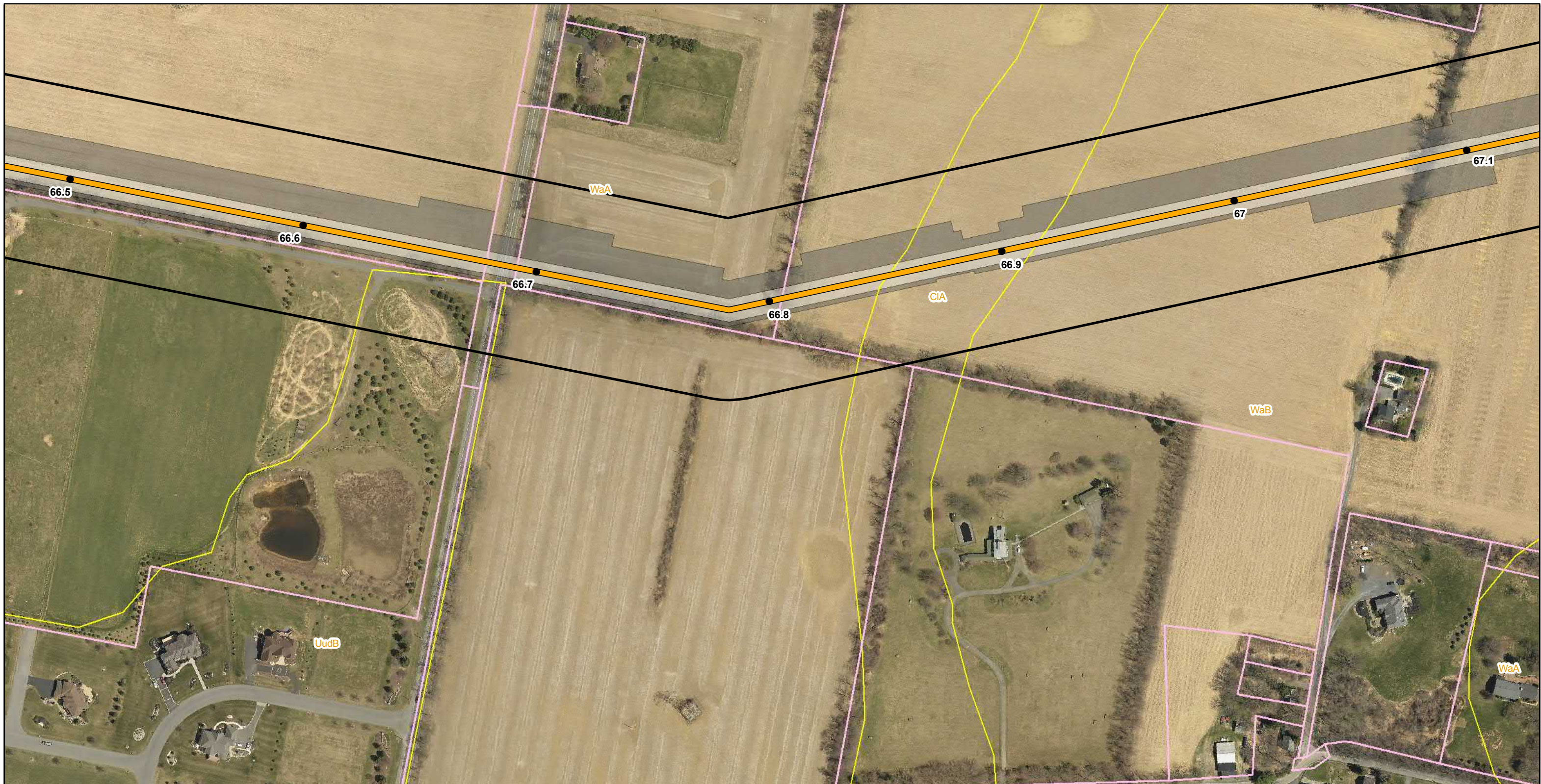
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA			Date: 11/15/2018	
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	SHEET: 167 of 194



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

Delineated Waterbodies

Delineated Wetlands



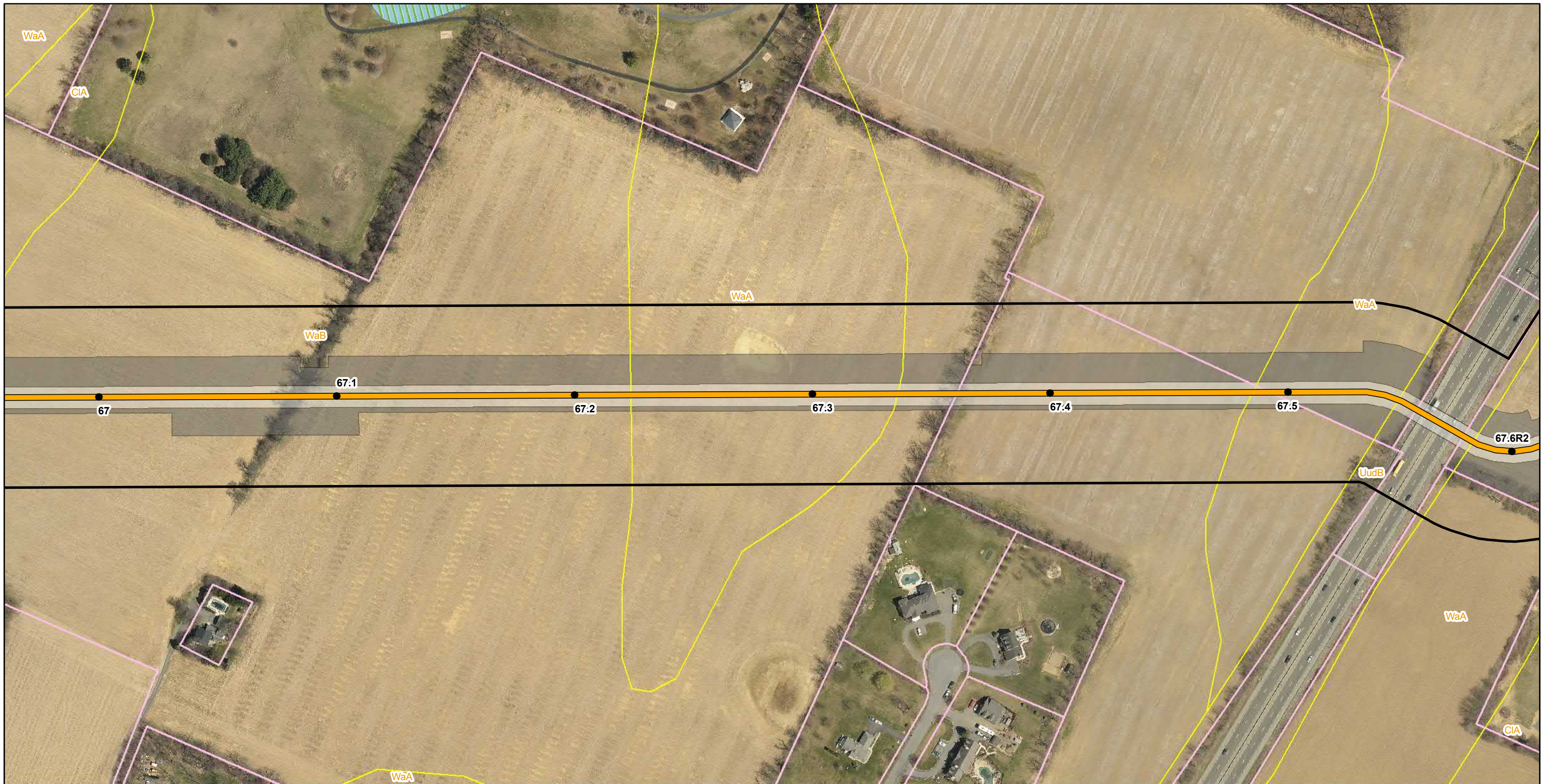
Reference: County Boundary Layer (PASDA) 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 168 of 194



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

Delineated Waterbodies

Delineated Wetlands



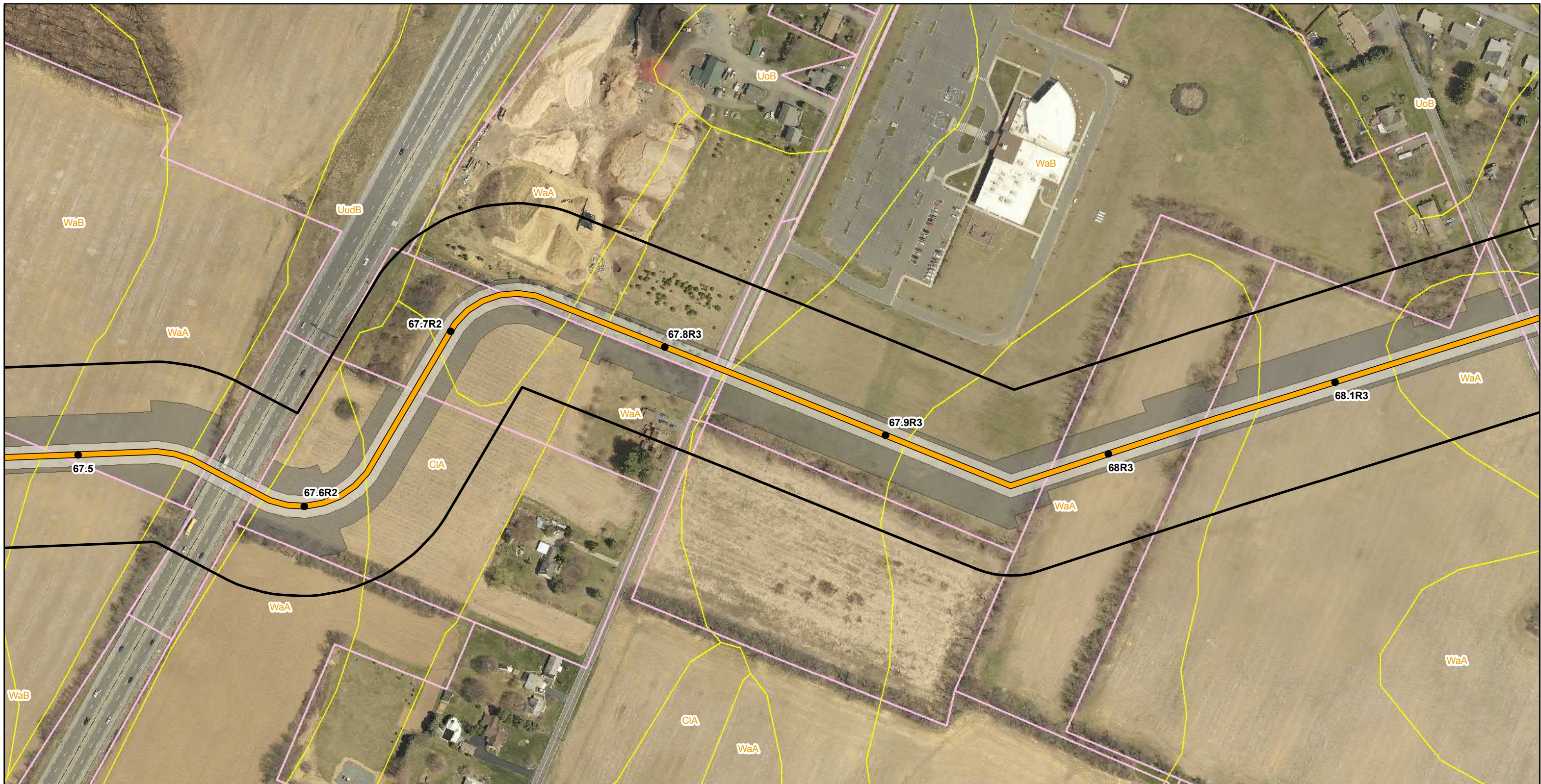
Reference: County Boundary Layer (PASDA) 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP/BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 169 of 194



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

Delineated Waterbodies

Delineated Wetlands



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

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 170 of 194



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

Delineated Waterbodies
Pond

Delineated Wetlands



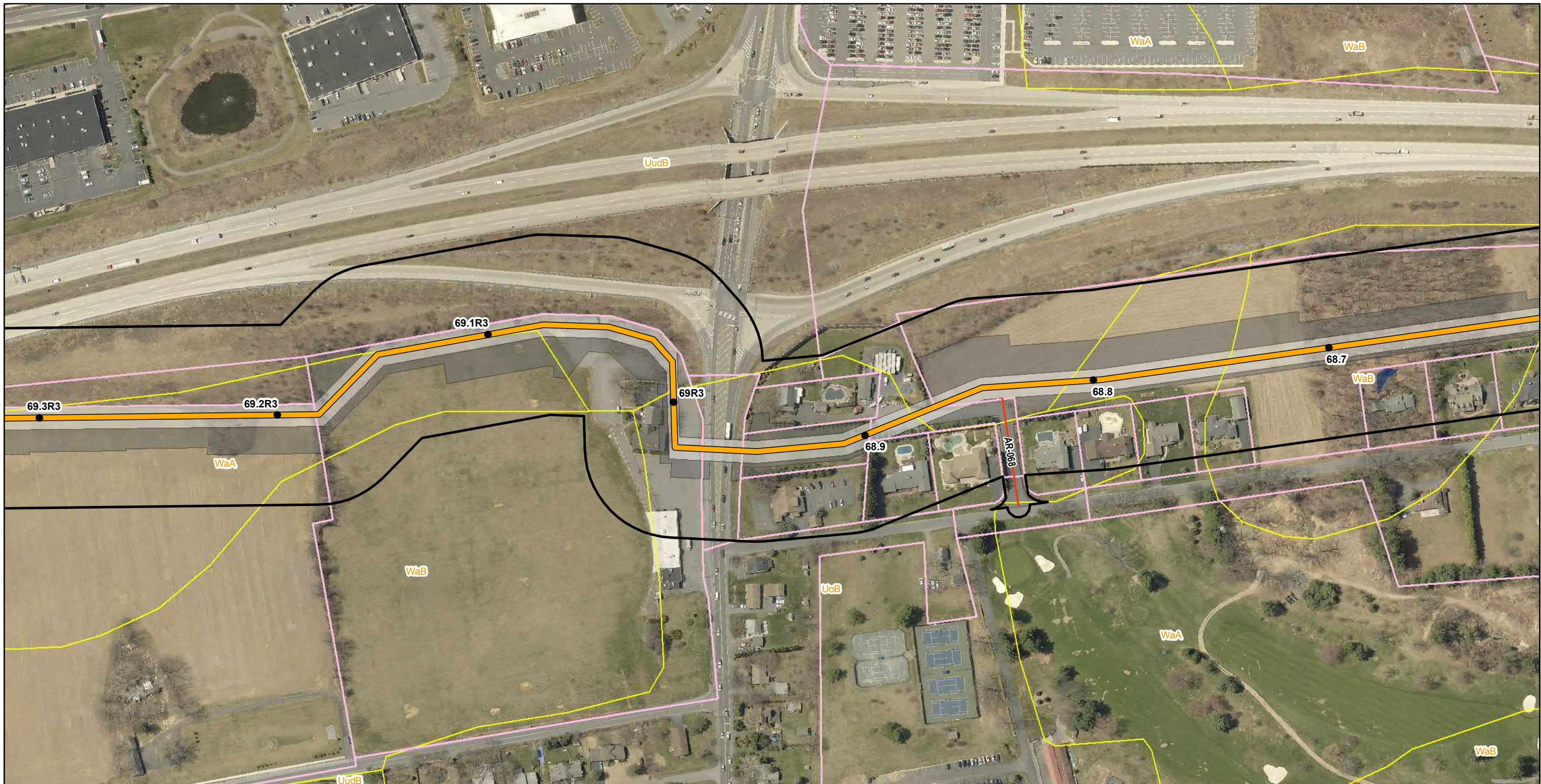
Reference: County Boundary Layer (PASDA) 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 171 of 194



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

Delineated Waterbodies
Pond

Delineated Wetlands



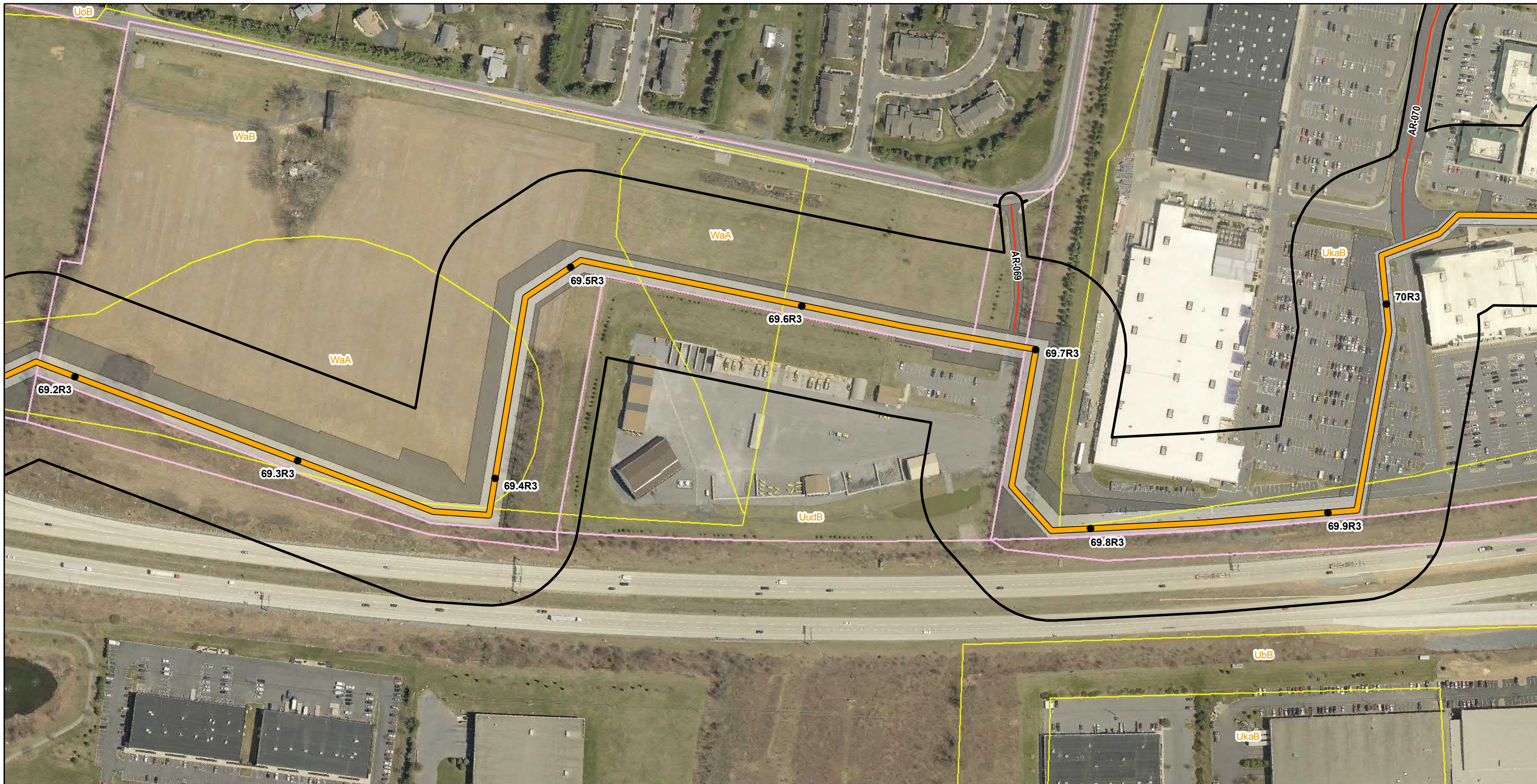
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 172 of 194



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

Delineated Waterbodies

Delineated Wetlands



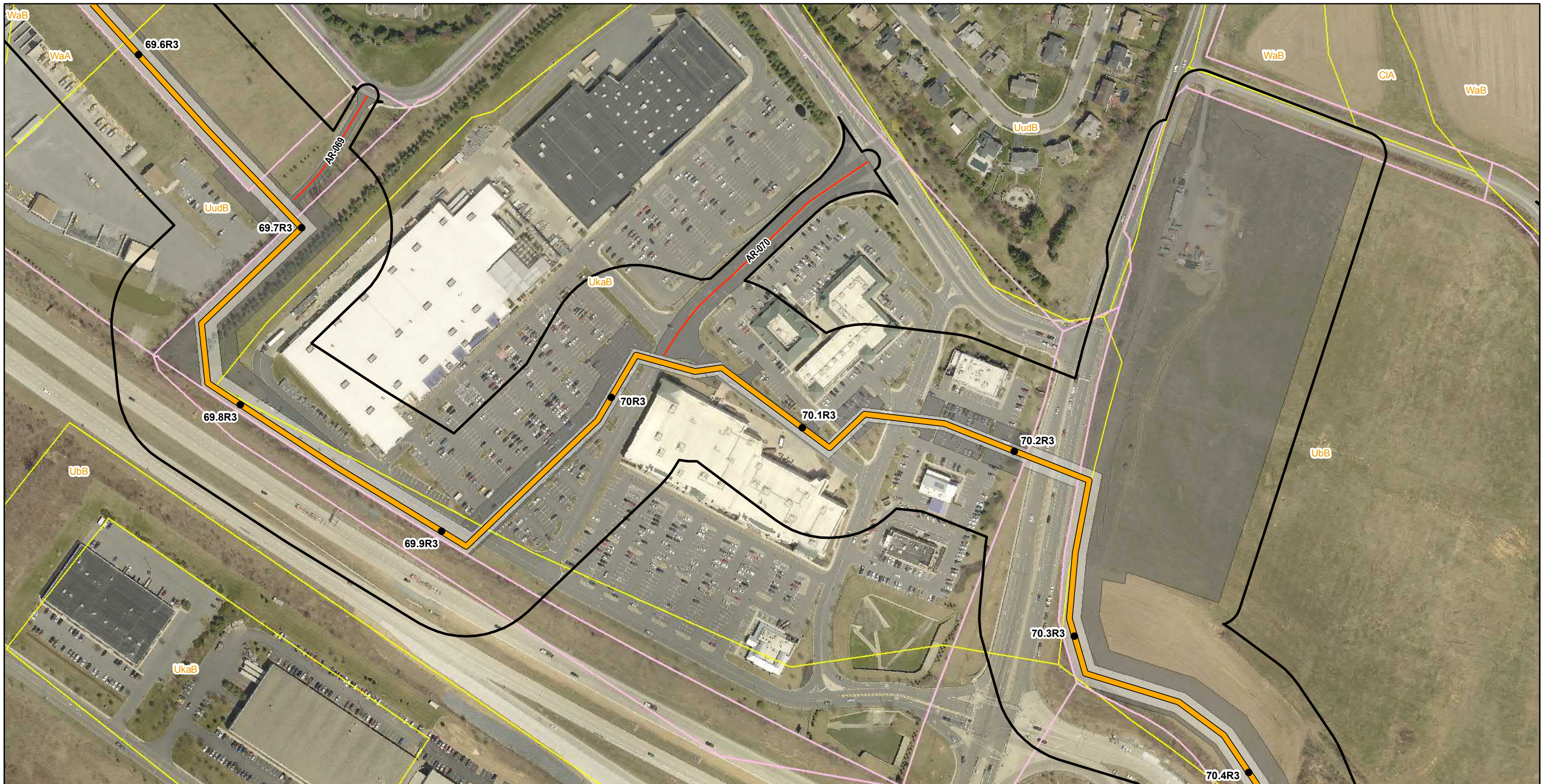
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 173 of 194



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

Delineated Waterbodies

Delineated Wetlands



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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 174 of 194



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

Delineated Waterbodies	
Orange	Ephemeral
Pink	Water Photo Locations

Delineated Wetlands	
AR-07A	



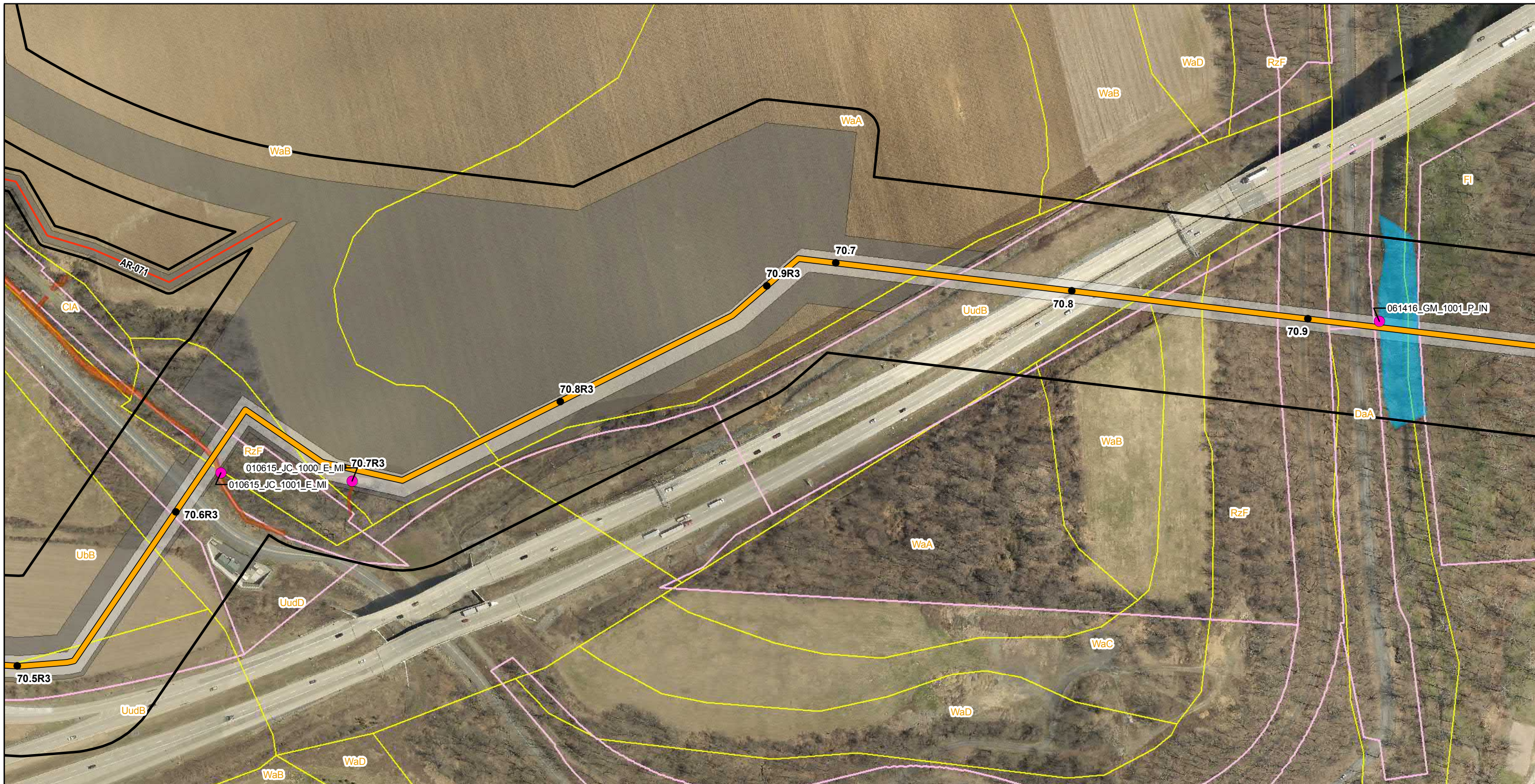
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 175 of 194



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

Delineated Waterbodies	
Orange Box	Ephemeral
Blue Box	Perennial
Pink Dot	Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

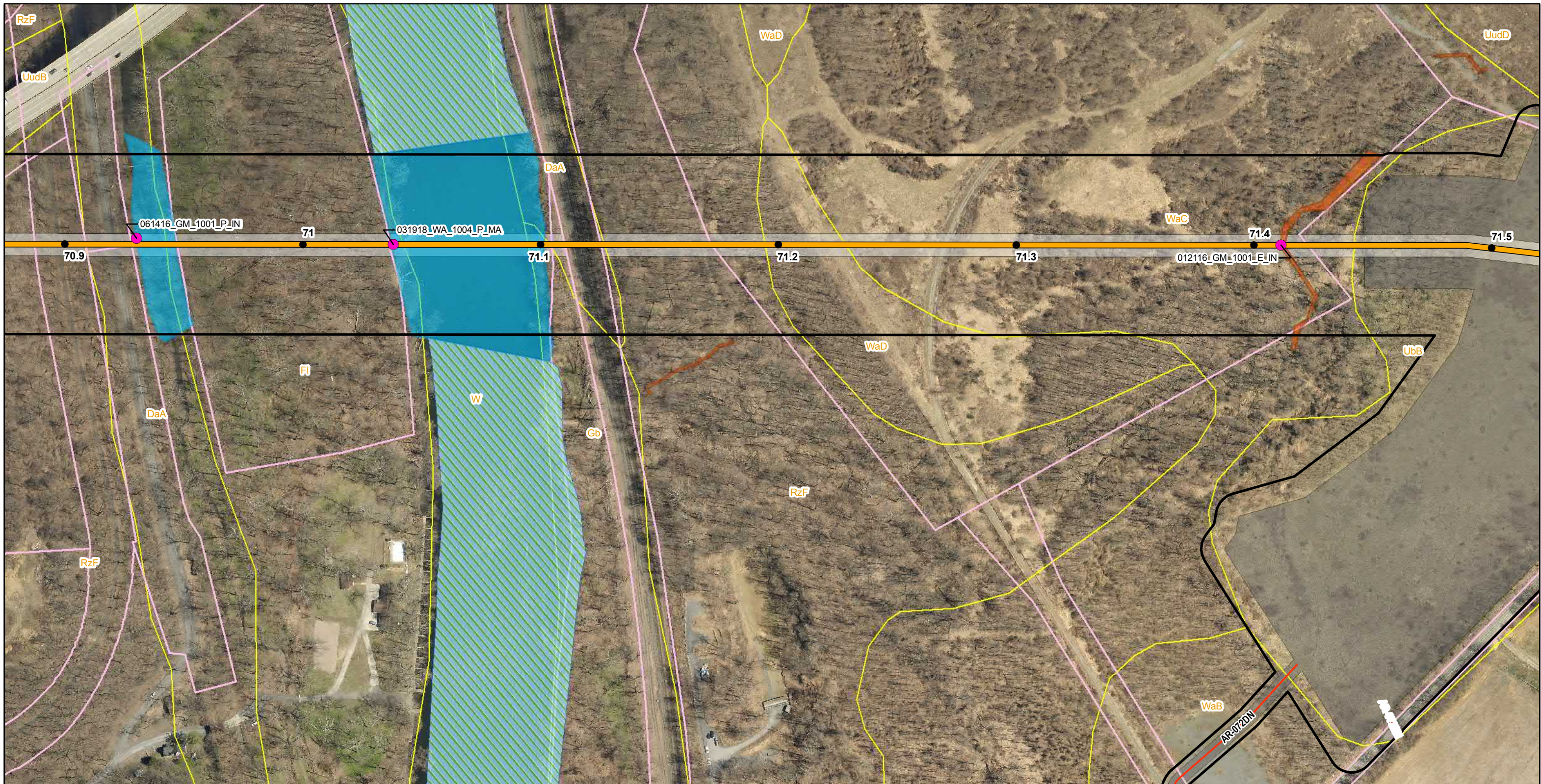
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County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP/EASTON CITY, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 176 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
	Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

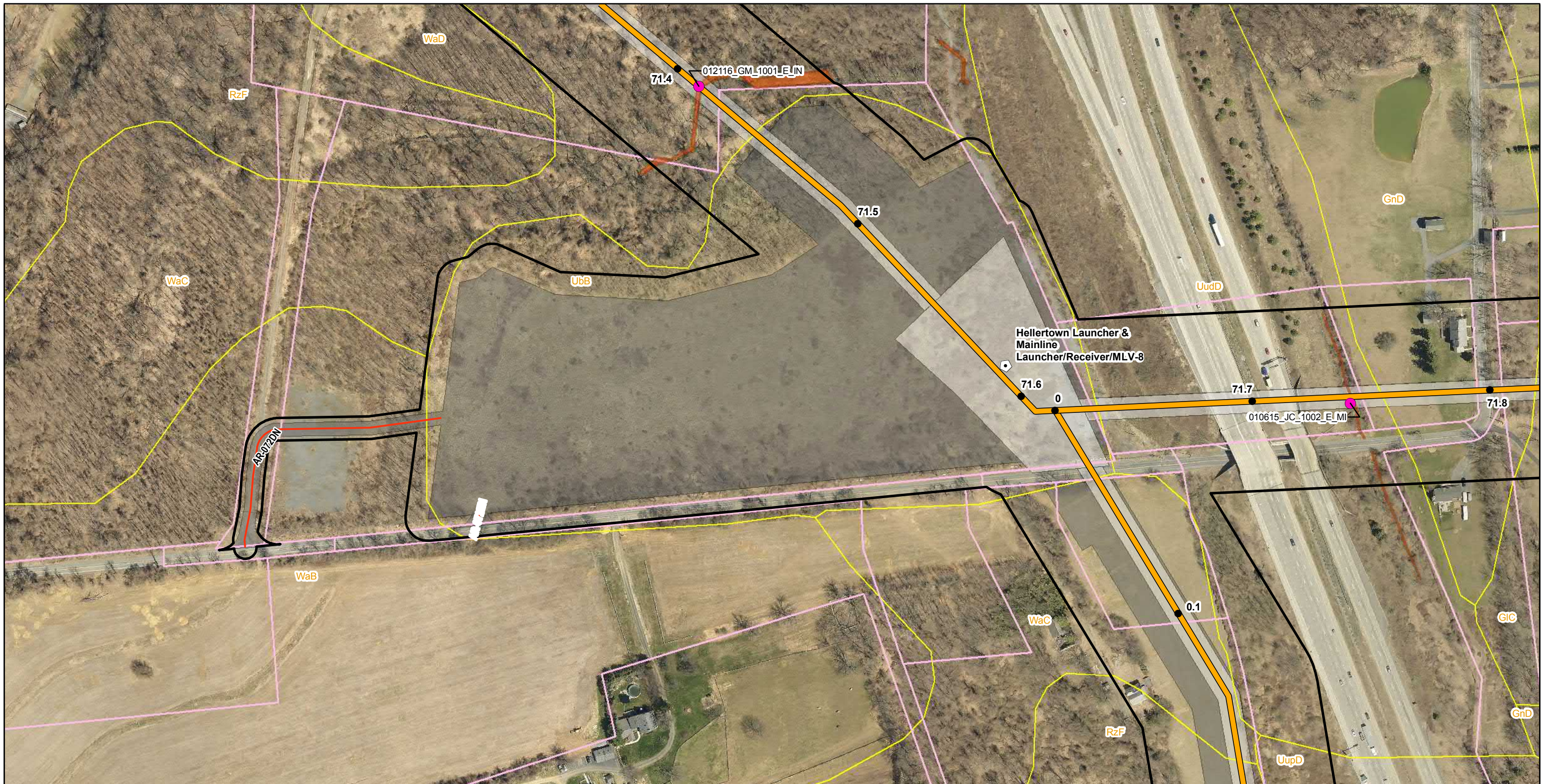
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: BETHLEHEM TWP/EASTON CITY/LOWER SAUCON TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 177 of 194



Legend			
● Mile Post	— Access Road Centerline	▭ Study Corridor	▭ Delaware River Basin Boundary
⬠ Launcher/Receiver Site	▭ Permanent Easement	▭ Parcel Boundary	▭ County Boundary
▬ Proposed Route (9/19/2018)	▭ Construction Limits	▭ Soil Map Unit	

Delineated Waterbodies	
▭ Ephemeral	● Water Photo Locations

Delineated Wetlands	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

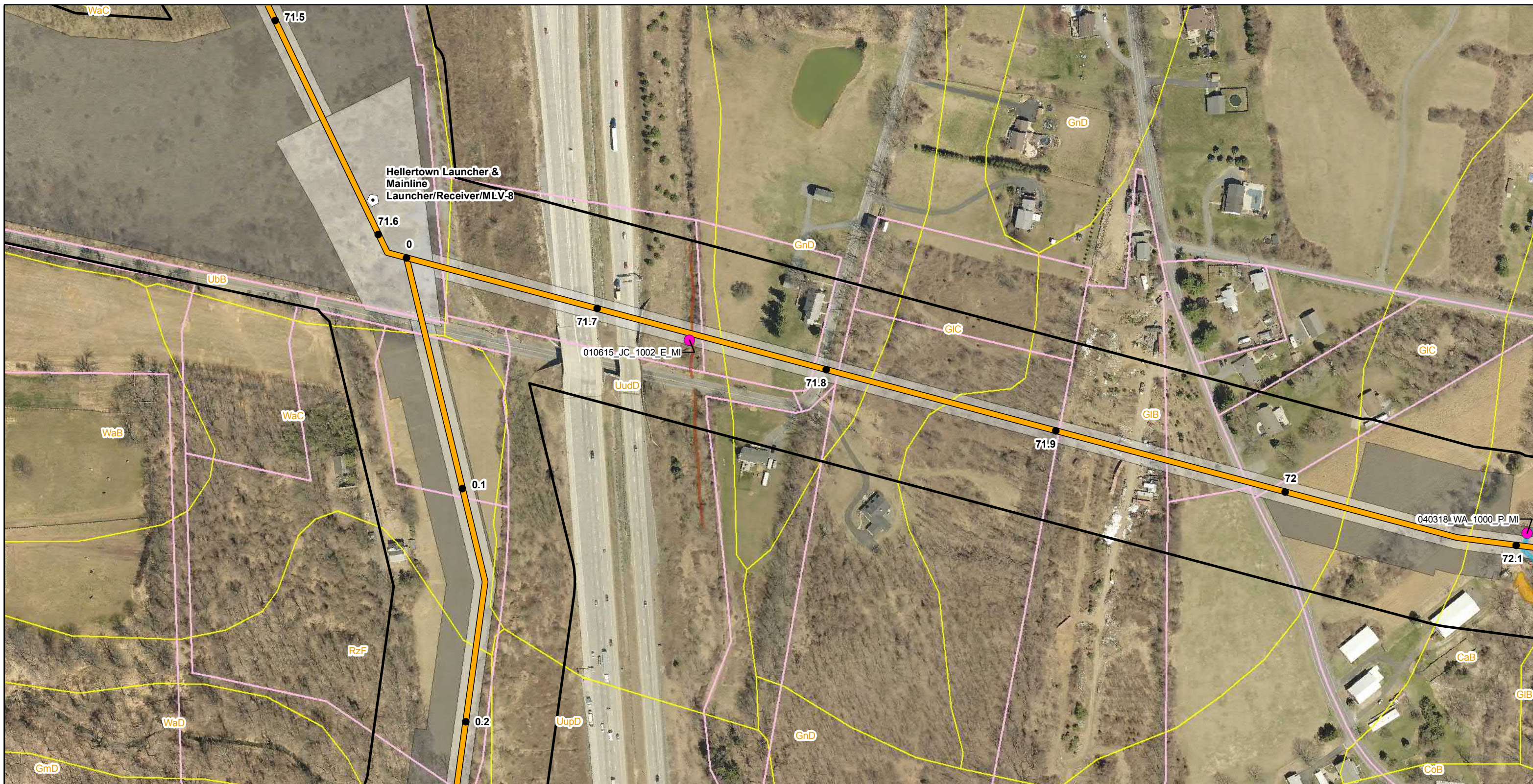
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER NAZARETH TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 178 of 194



Legend			
● Mile Post	Permanent Easement	Parcel Boundary	County Boundary
⬠ Launcher/Receiver Site	Construction Limits	Soil Map Unit	
— Proposed Route (9/19/2018)	Study Corridor	Delaware River Basin Boundary	

Delineated Waterbodies	
■ Ephemeral	■ Perennial
● Water Photo Locations	

Delineated Wetlands
■ PEM



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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER SAUCON TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
			SHEET: 179 of 194	



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

Delineated Waterbodies

Delineated Wetlands



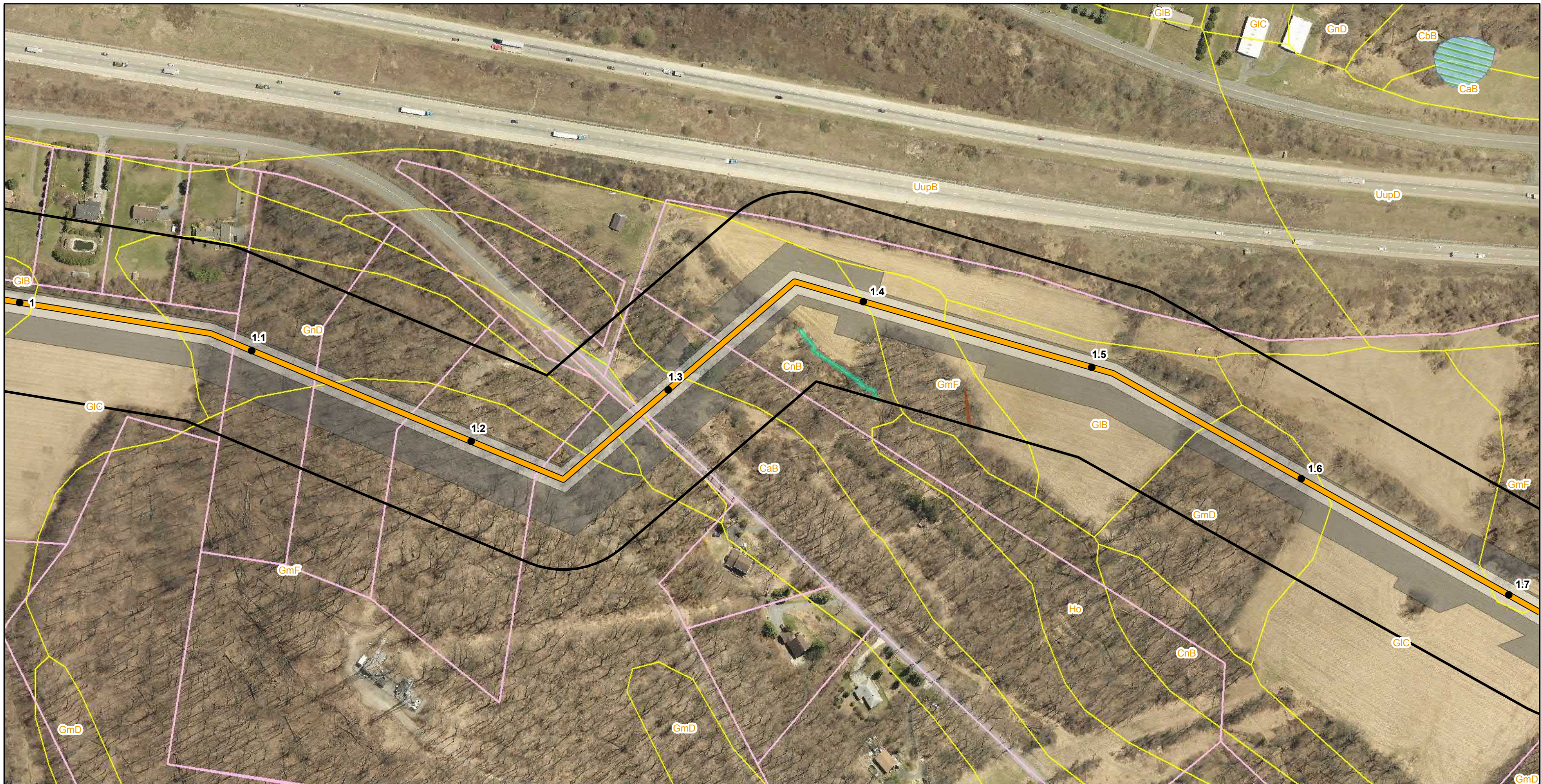
Reference: County Boundary Layer (PASDA) 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER SAUCON TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 181 of 194



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

Delineated Waterbodies	
Ephemeral	Intermittent

Delineated Wetlands	



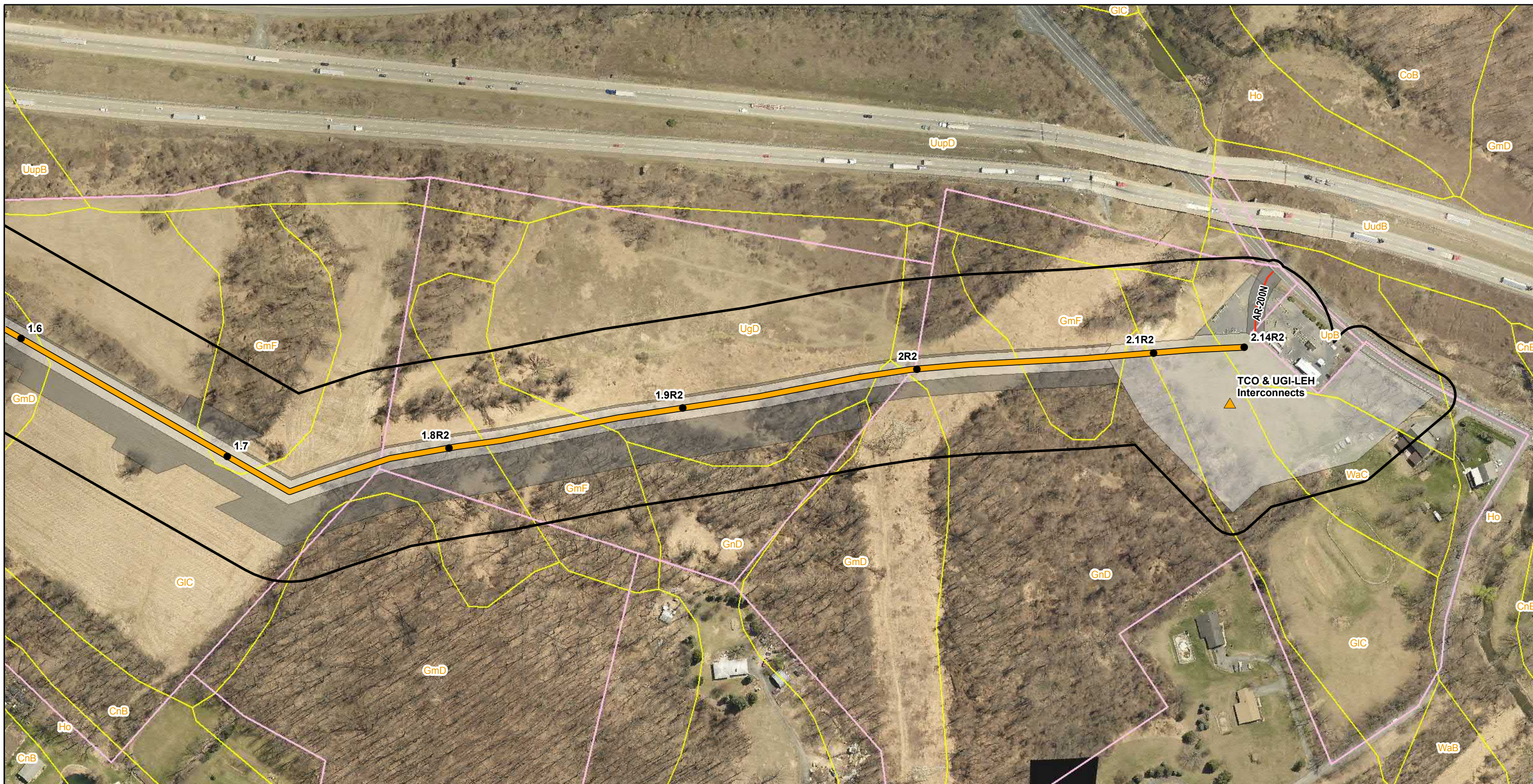
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER SAUCON TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 182 of 194



Legend			
● Mile Post	— Access Road Centerline	▭ Study Corridor	▨ NWI Wetland
▲ Interconnect	▭ Permanent Easement	▭ Parcel Boundary	▭ Delaware River Basin Boundary
— Proposed Route (9/19/2018)	▭ Construction Limits	▭ Soil Map Unit	▭ County Boundary

Delineated Waterbodies

Delineated Wetlands

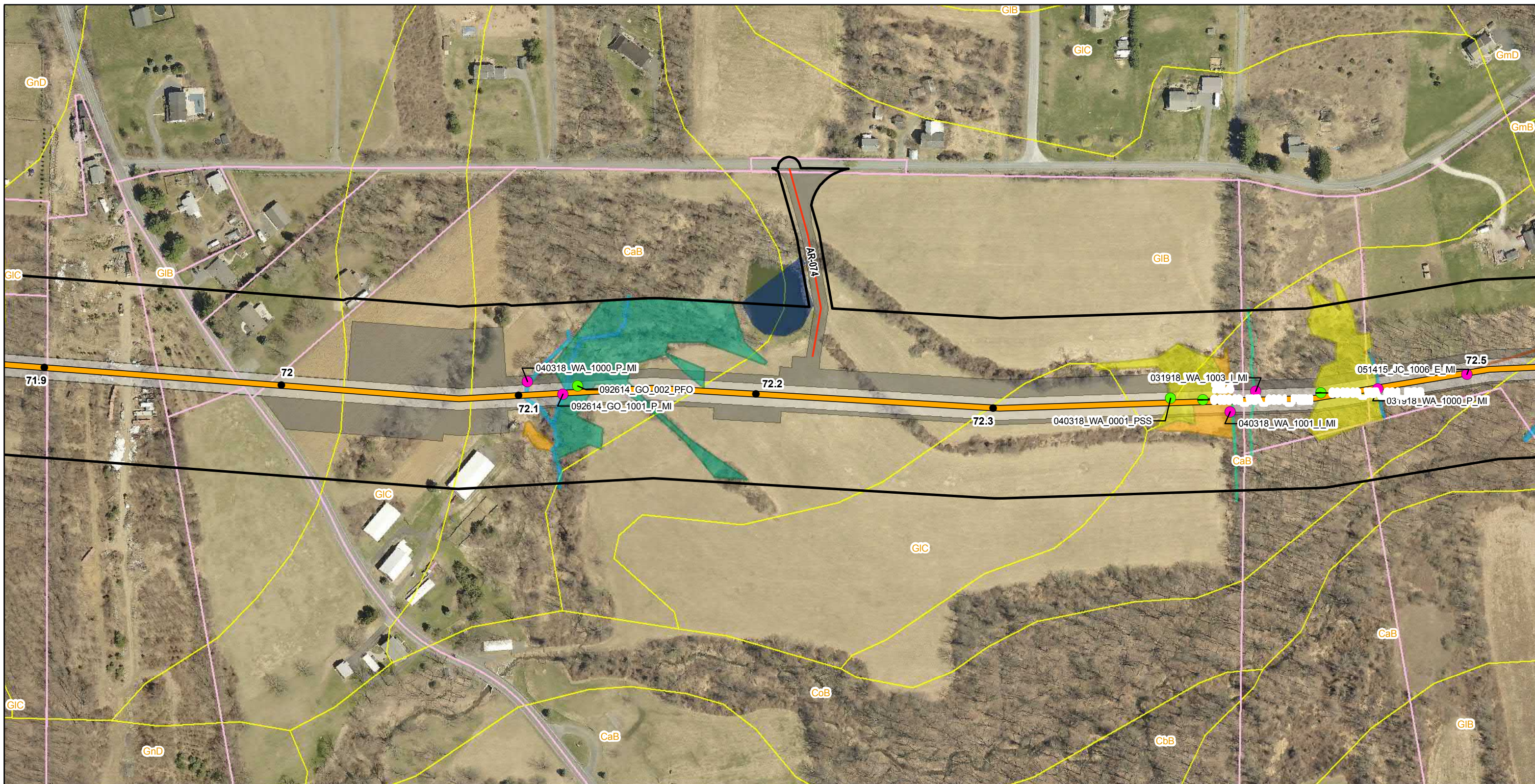


Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER SAUCON TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 183 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Pond
	Water Photo Locations

Delineated Wetlands	
PEM	PSS
PFO	Wetland Photo Locations



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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: LOWER SAUCON TWP/WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 184 of 194



Legend <ul style="list-style-type: none"> ● Mile Post ▬ Permanent Easement ▬ Parcel Boundary ▬ County Boundary ▬ Proposed Route (9/19/2018) ▬ Construction Limits ▬ Soil Map Unit ▬ Access Road Centerline ▬ Study Corridor ▬ Delaware River Basin Boundary 		Delineated Waterbodies <ul style="list-style-type: none"> ▬ Ephemeral ▬ Perennial ▬ Intermittent ● Water Photo Locations 		Delineated Wetlands <ul style="list-style-type: none"> ▬ PEM ▬ PSS ● Wetland Photo Locations ▬ PFO 	
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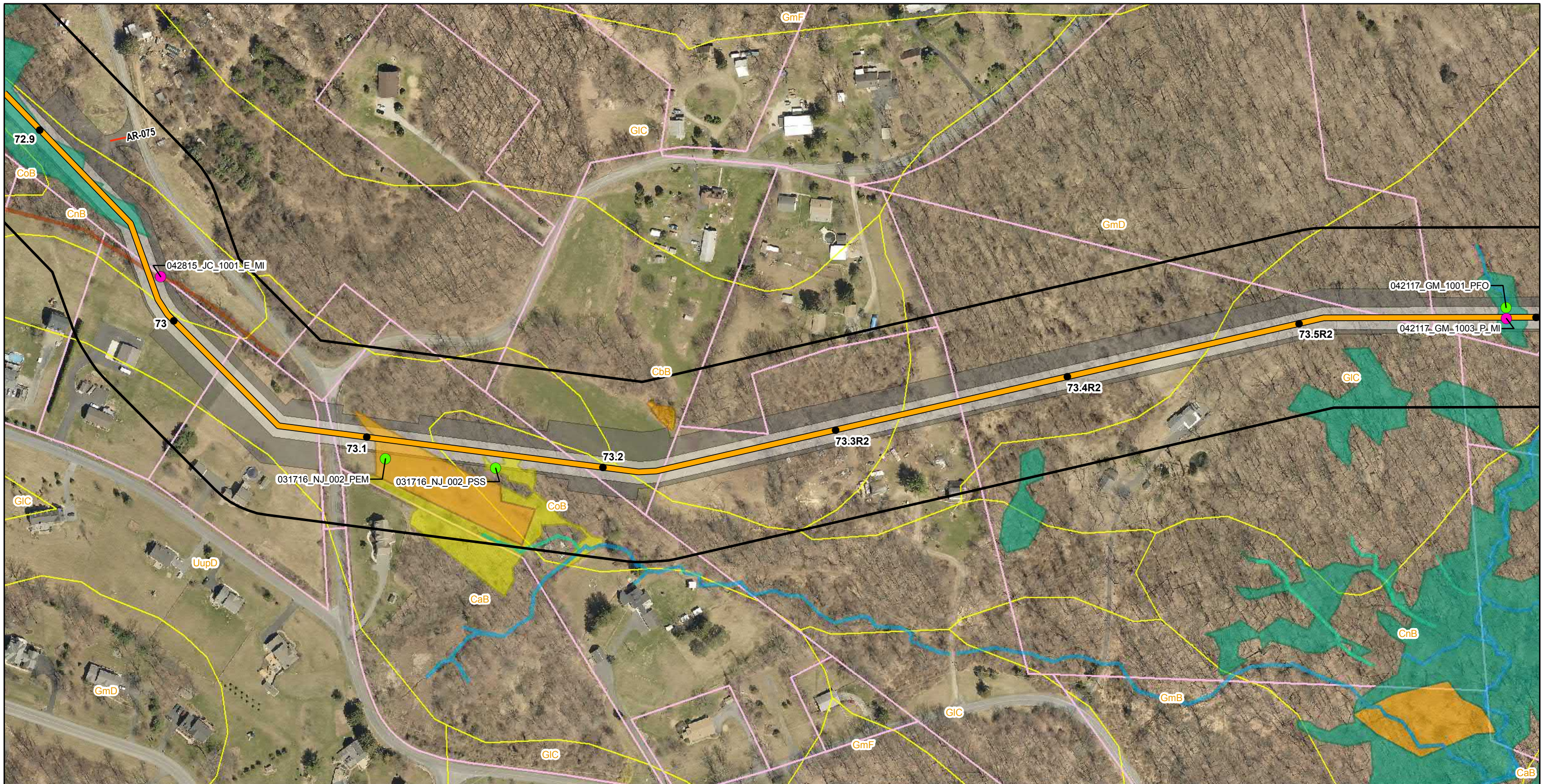
Reference: County Boundary Layer (PASDA)
 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
 Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 185 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Water Photo Locations

Delineated Wetlands		
PEM	PSS	Wetland Photo Locations
PFO		

PennEast
PIPELINE

PennEast Pipeline Company, LLC

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

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 186 of 194



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

Delineated Waterbodies	
Intermittent	Perennial
Water Photo Locations	

Delineated Wetlands	
PEM	PFO
Wetland Photo Locations	

PennEast
PIPELINE

PennEast Pipeline Company, LLC

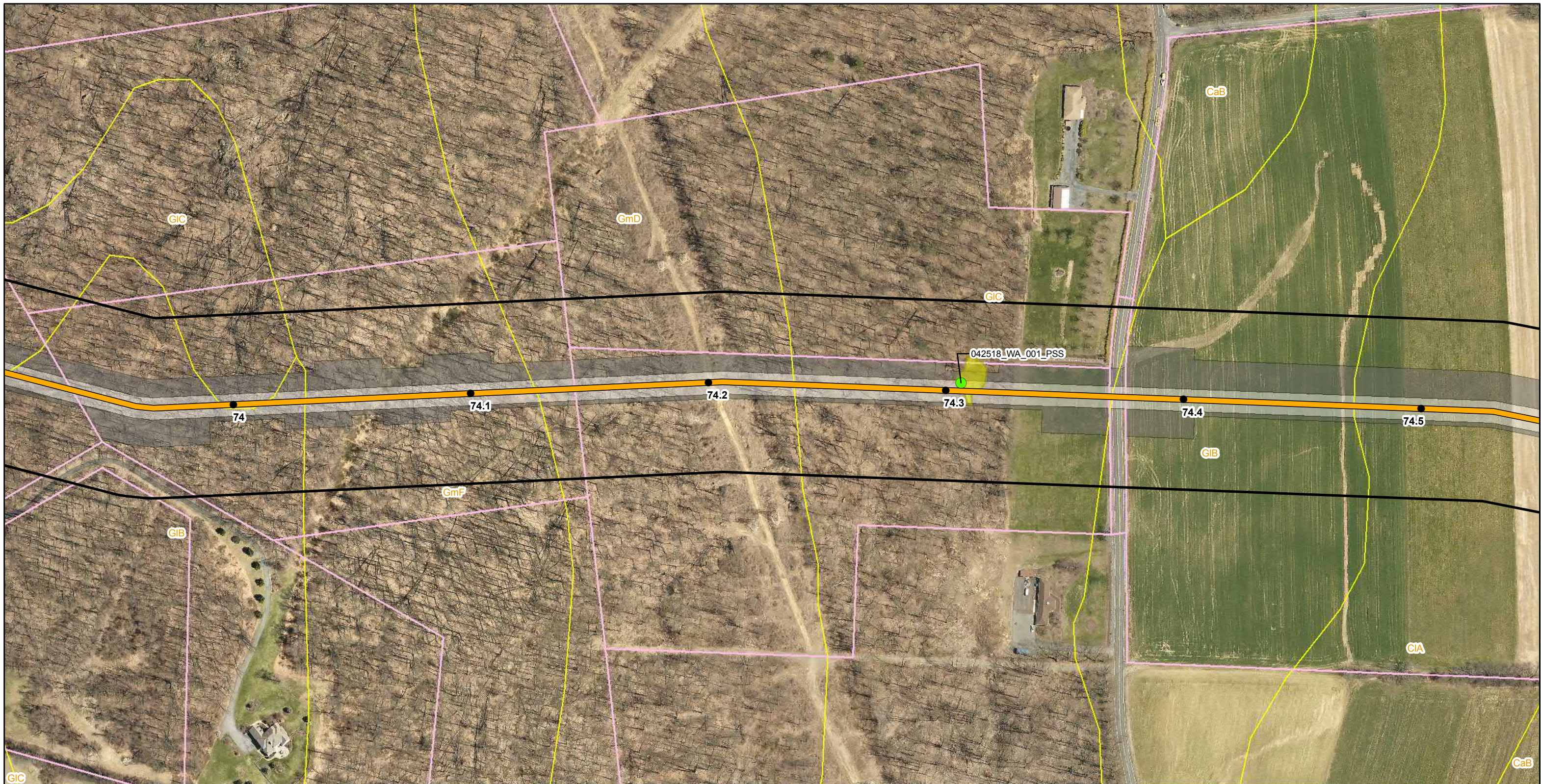
Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

0 100 200 400 Feet
Key Map Not Drawn to Scale

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



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 187 of 194



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

Delineated Waterbodies

Delineated Wetlands	
PSS	Wetland Photo Locations

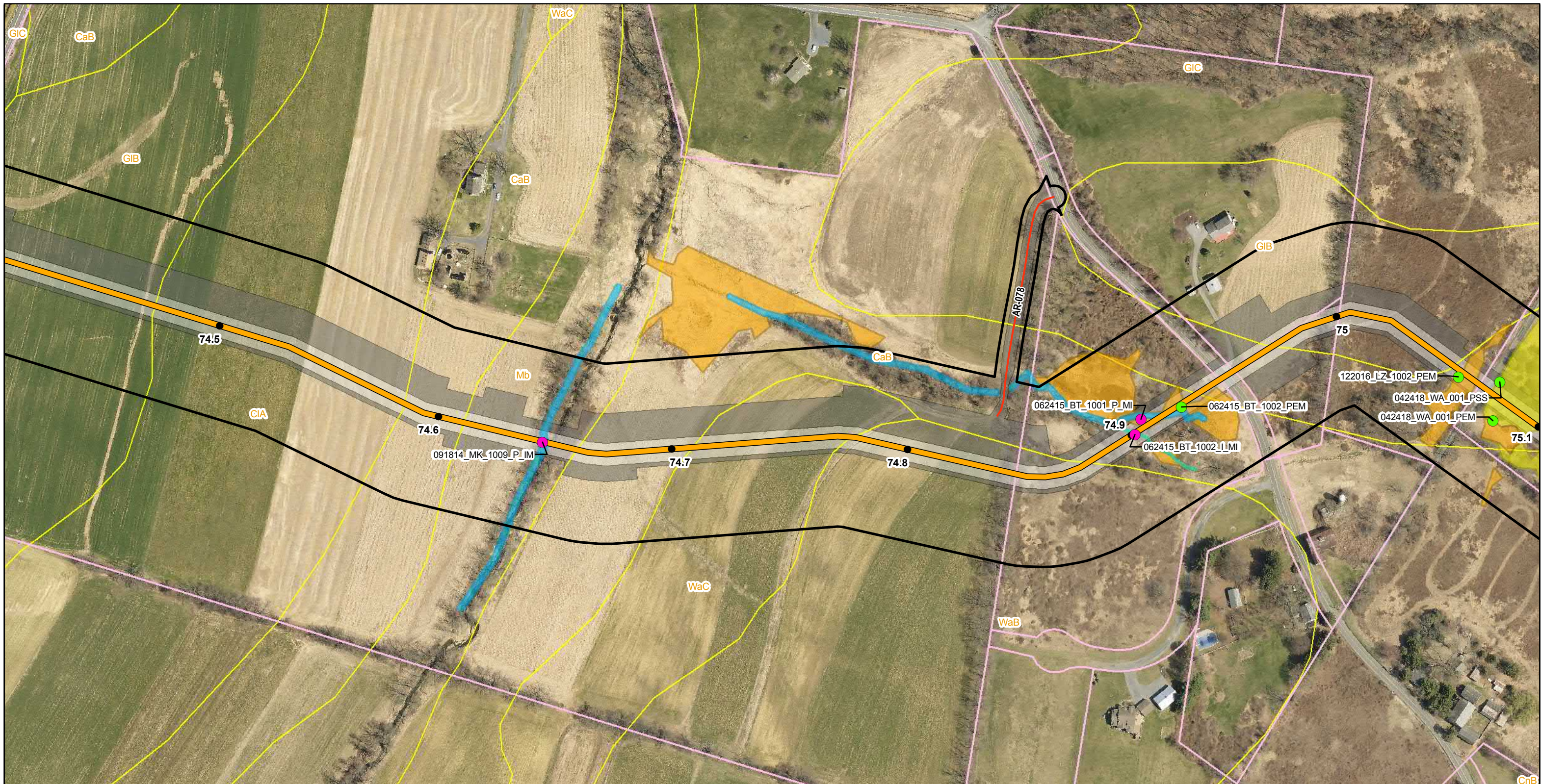


Reference:
County Boundary Layer (PASDA)
2015 Aerial Imagery (PennEast)

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: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 188 of 194



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

Delineated Waterbodies	
Intermittent	Perennial
	Water Photo Locations

Delineated Wetlands		
PEM	PSS	Wetland Photo Locations

PennEast PIPELINE

PennEast Pipeline Company, LLC

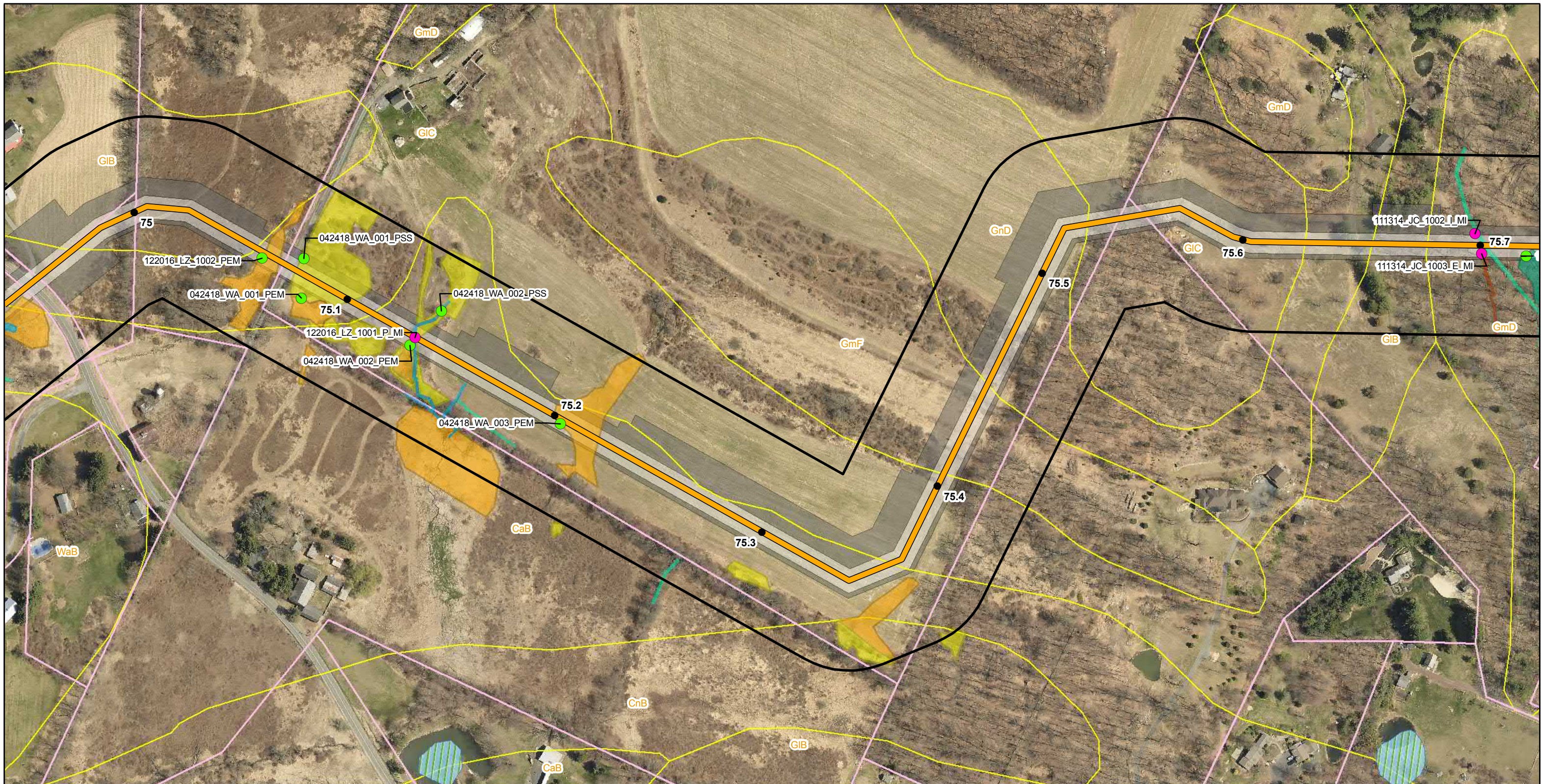
Reference: County Boundary Layer (PASDA) 2015 Aerial Imagery (PennEast)

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

0 100 200 400 Feet
Key Map Not Drawn to Scale



TITLE: JPA Section K PennEast Pipeline Project Photolocation Map - Pennsylvania				
LOC: WILLIAMS TWP, NORTHAMPTON, PA				
DRN. BY: CDW	CKD. BY:	REV.:	SCALE: See Graphic Scale	Date: 11/15/2018
				SHEET: 189 of 194



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

Delineated Waterbodies	
Ephemeral	Perennial
Intermittent	Water Photo Locations

Delineated Wetlands		
PEM	PSS	Wetland Photo Locations
PFO		



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