

**FIGURE 1A: CATEGORY ONE WATERS**

Pilgrim Project (New Jersey Portion)  
 Mahwah Township, Bergen County to  
 Linden City, Union County and  
 Woodbridge Township, Middlesex County

Sources:  
 NJDEP, WMS, BFBM, 2007. NJDEP Surface Water Quality Standards of NJ (Version 201012).  
 NJOIT, OGIS, 2013. NJ 2012 - 2013 High Resolution Orthophotography.  
 Imagery: ESRI, i-cubed, USDA, FSA, USGS, AEX, GeoEye, AeroGRID, Getmapping, IGP.

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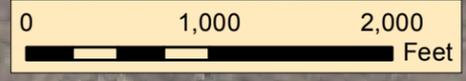
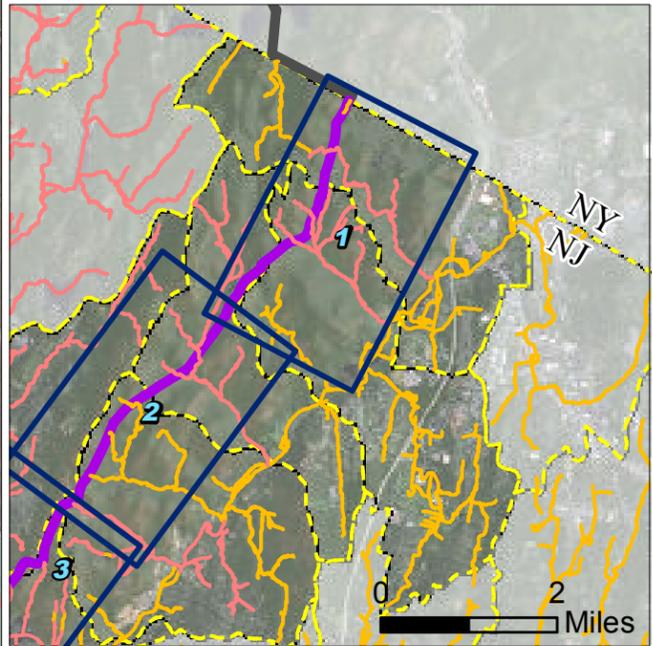
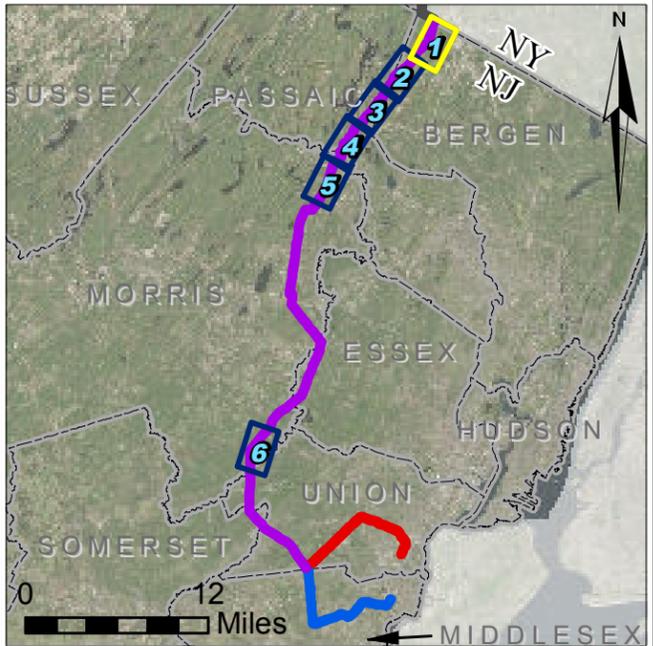
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**Surface Water Quality Antidegradation designation**

- C1 - Category 1 Water
- C2 - Category 2 Water
- Special Water Resource Protection Area
- HUC 14 boundary

**Pilgrim Pipeline Route (Thruway Route Version 3.4.0)**

- Crude and Products Main Line - NJ
- Crude Oil Line
- Linden Product Lateral
- Crude and Products Main Line - NY
- Pipeline mileposts
- Proposed access road



**FIGURE 1B: CATEGORY ONE WATERS**

Pilgrim Project (New Jersey Portion)  
 Mahwah Township, Bergen County to  
 Linden City, Union County and  
 Woodbridge Township, Middlesex County

Sources:  
 SCS, Soil Survey of Bergen County, Map 3 (Ramsey).  
 NJDEP, WMS, BFBM, 2007. NJDEP Surface Water Quality Standards of NJ (Version 201012).  
 NJDOT, OGIS, 2013. NJ 2012 - 2013 High Resolution Orthophotography.  
 Imagery: ESRI, i-cubed, USDA, FSA, USGS, AEX, GeoEye, AeroGRID, Getmapping, IGP.

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Date: 9/4/14

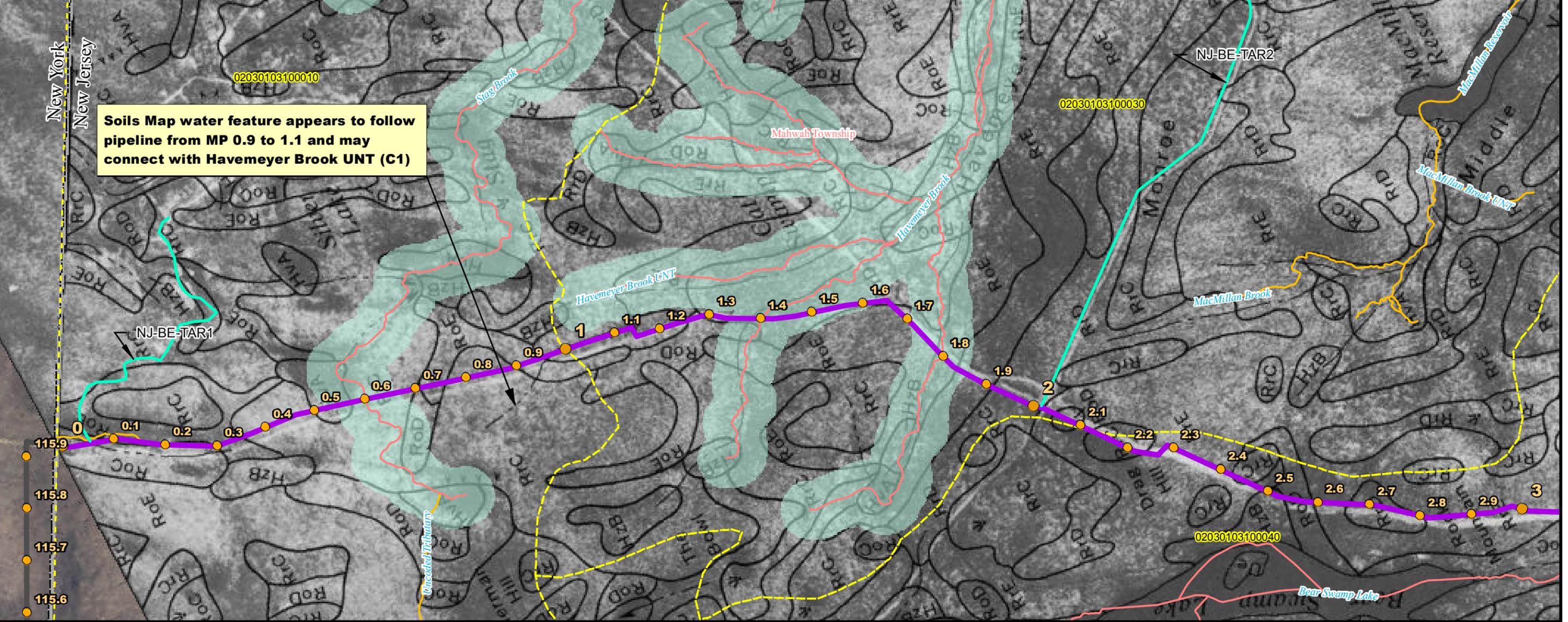
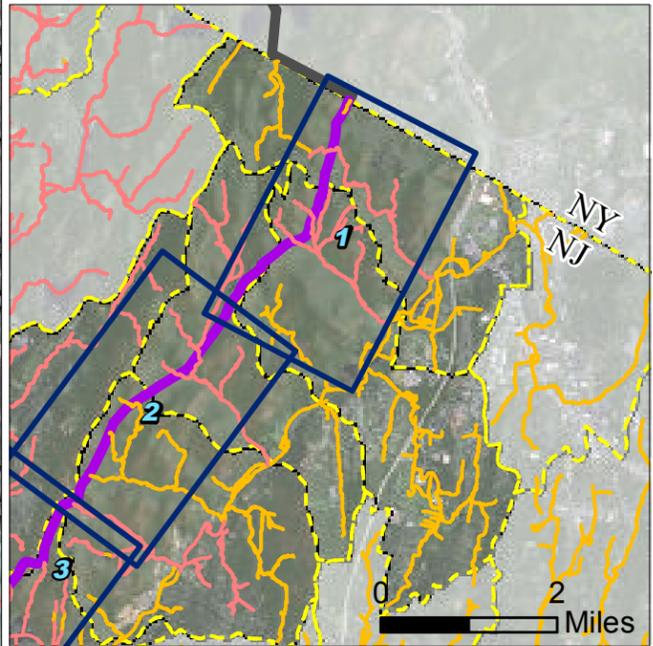
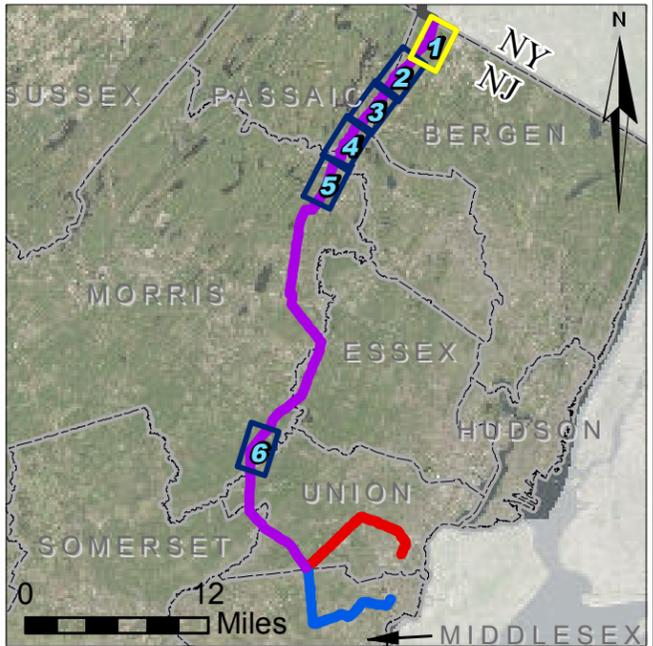
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**Surface Water Quality Antidegradation designation**

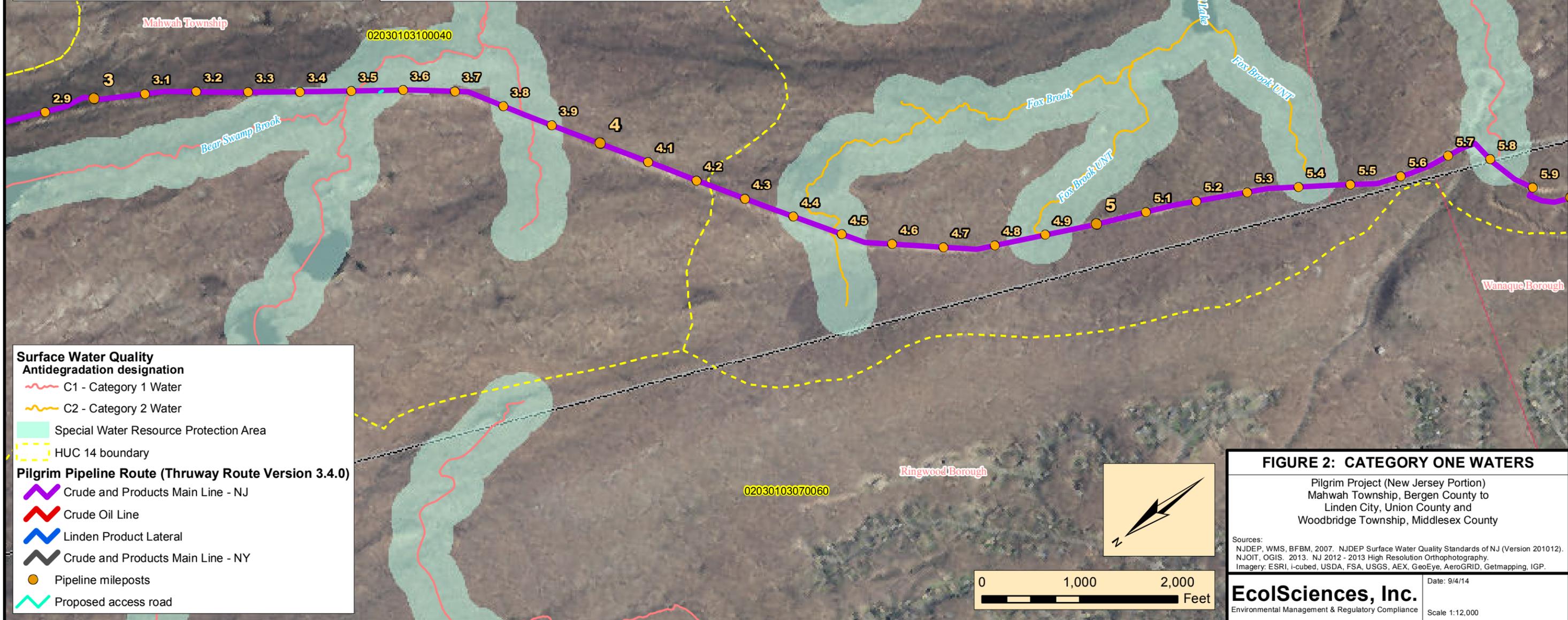
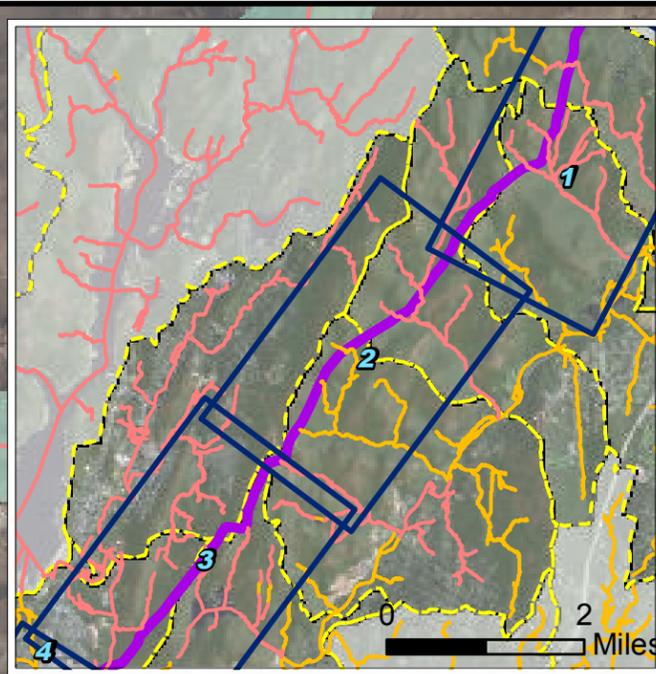
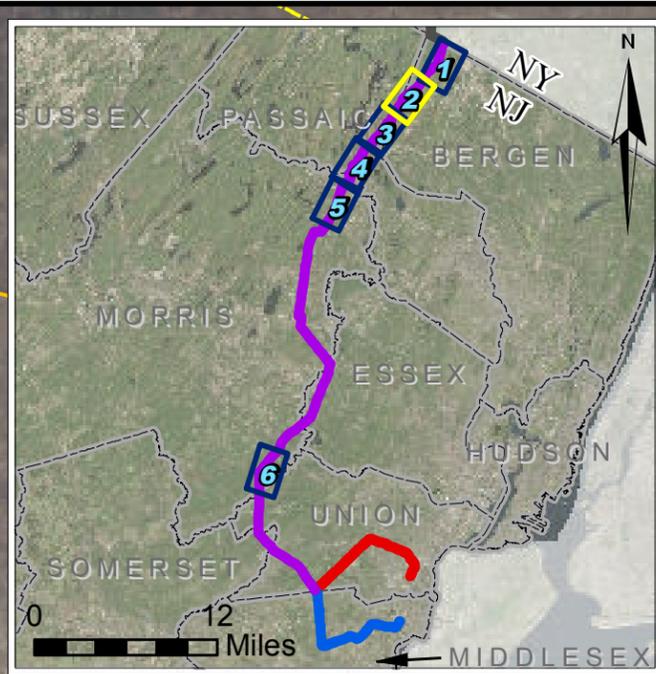
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**Soils Map water feature appears to follow pipeline from MP 0.9 to 1.1 and may connect with Havemeyer Brook UNT (C1)**



**Surface Water Quality Antidegradation designation**

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**FIGURE 2: CATEGORY ONE WATERS**

Pilgrim Project (New Jersey Portion)  
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 Imagery: ESRI, I-cubed, USDA, FSA, USGS, AEX, GeoEye, AeroGRID, Getmapping, IGP.

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**Surface Water Quality Antidegradation designation**

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**Pilgrim Pipeline Route (Thruway Route Version 3.4.0)**

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**FIGURE 3: CATEGORY ONE WATERS**

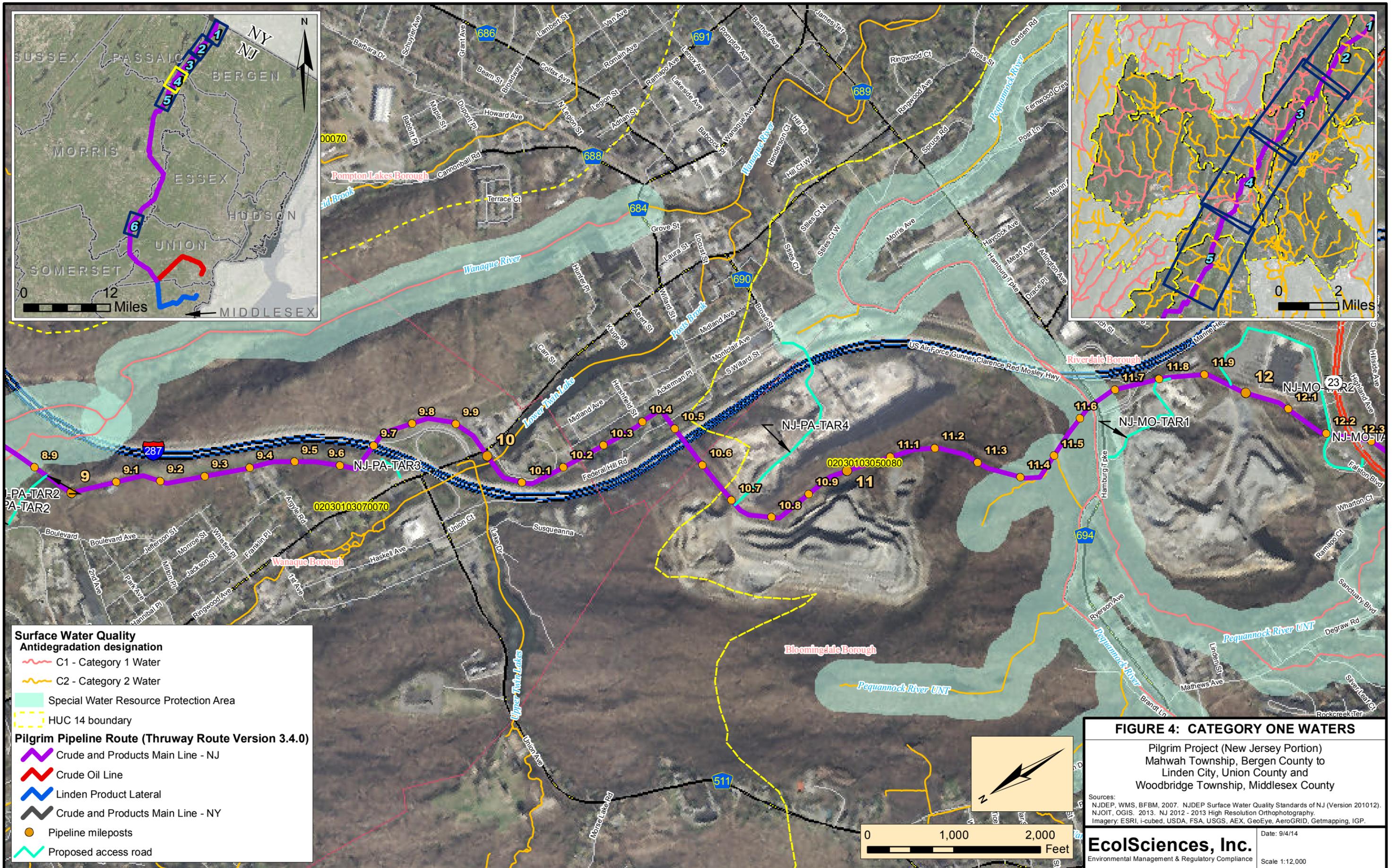
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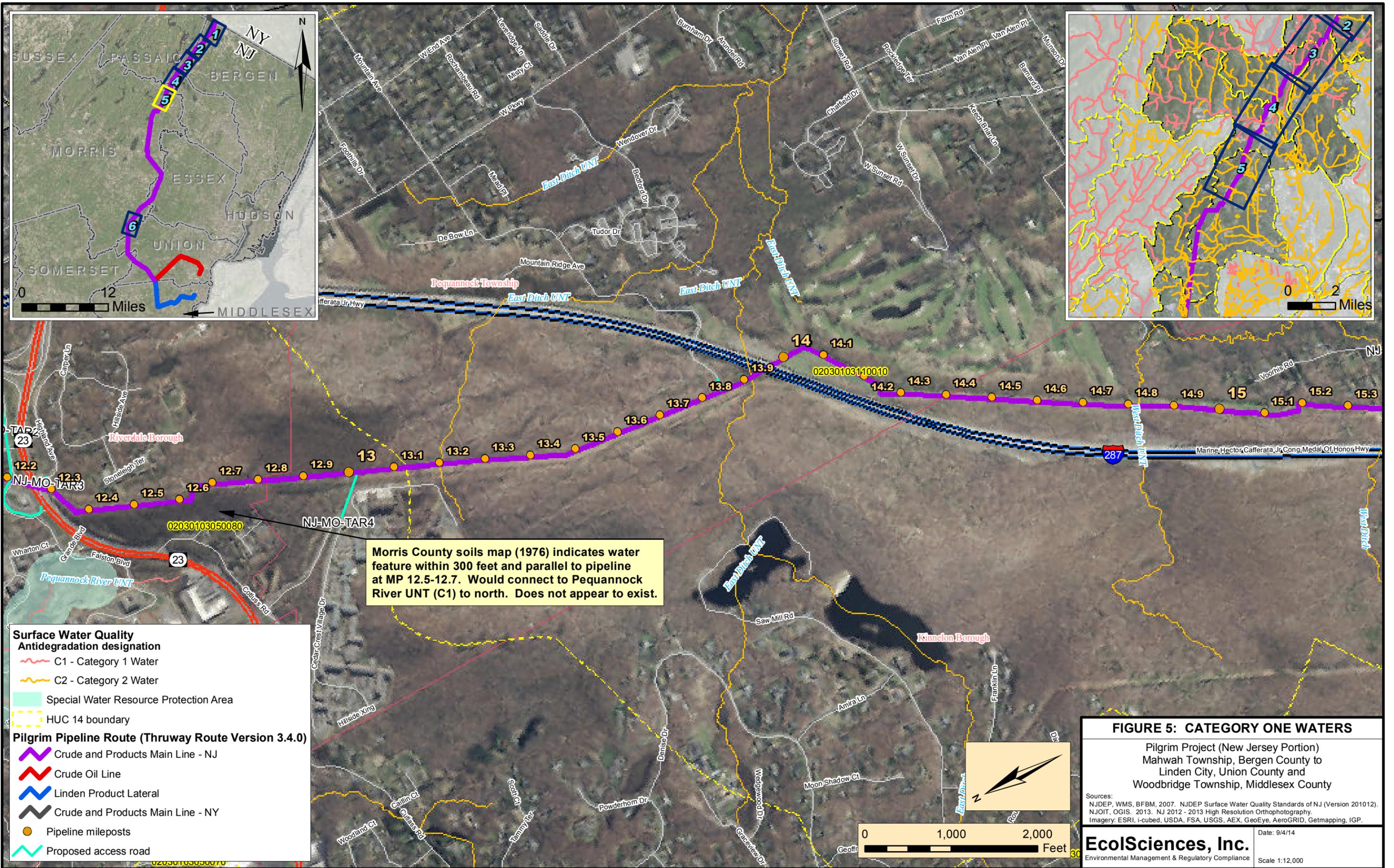
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Morris County soils map (1976) indicates water feature within 300 feet and parallel to pipeline at MP 12.5-12.7. Would connect to Pequanock River UNT (C1) to north. Does not appear to exist.

- Surface Water Quality**  
**Antidegradation designation**
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- Crude and Products Main Line - NJ
  - Crude Oil Line
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  - Crude and Products Main Line - NY
  - Pipeline mileposts
  - Proposed access road

**FIGURE 5: CATEGORY ONE WATERS**

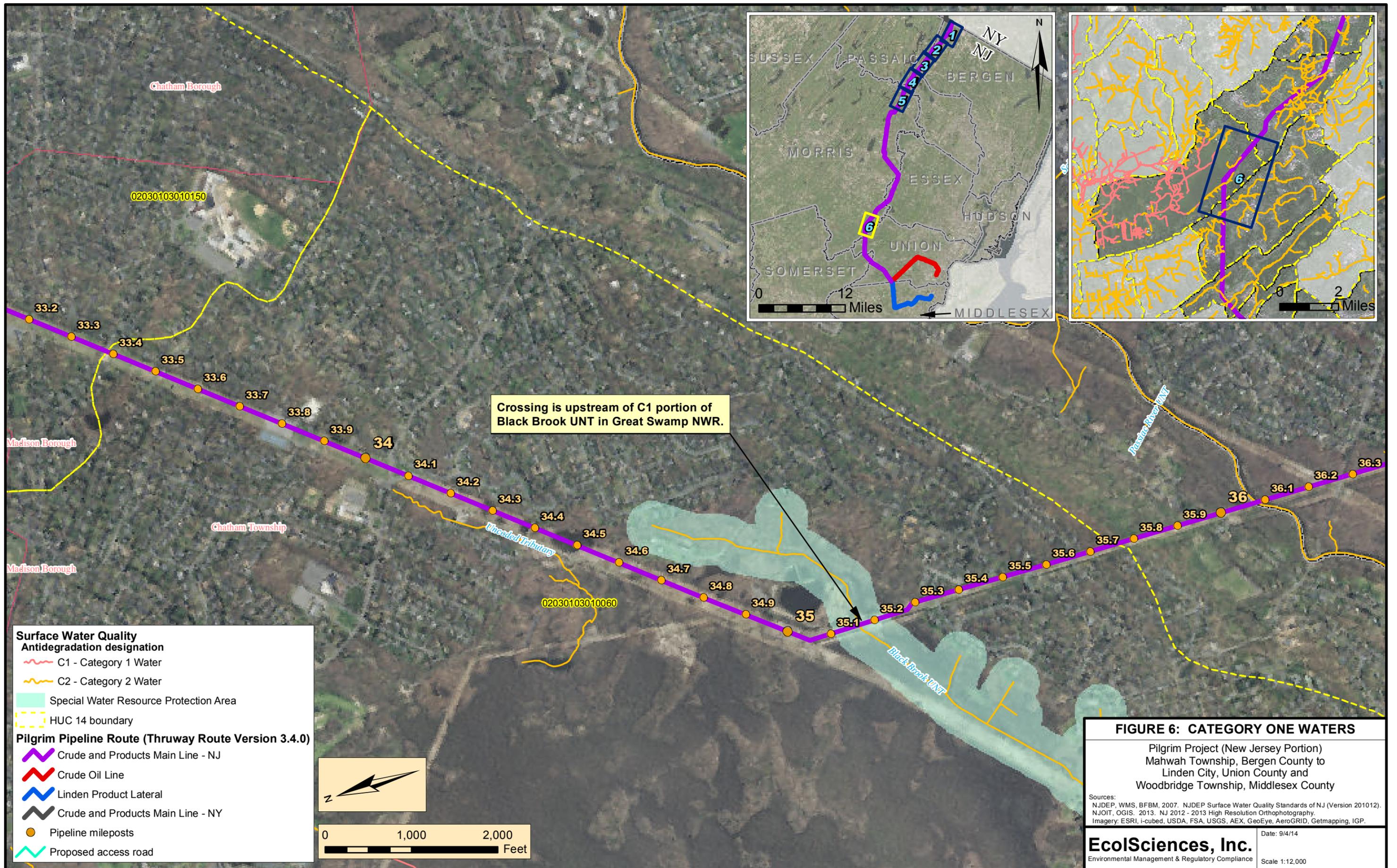
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Crossing is upstream of C1 portion of Black Brook UNT in Great Swamp NWR.