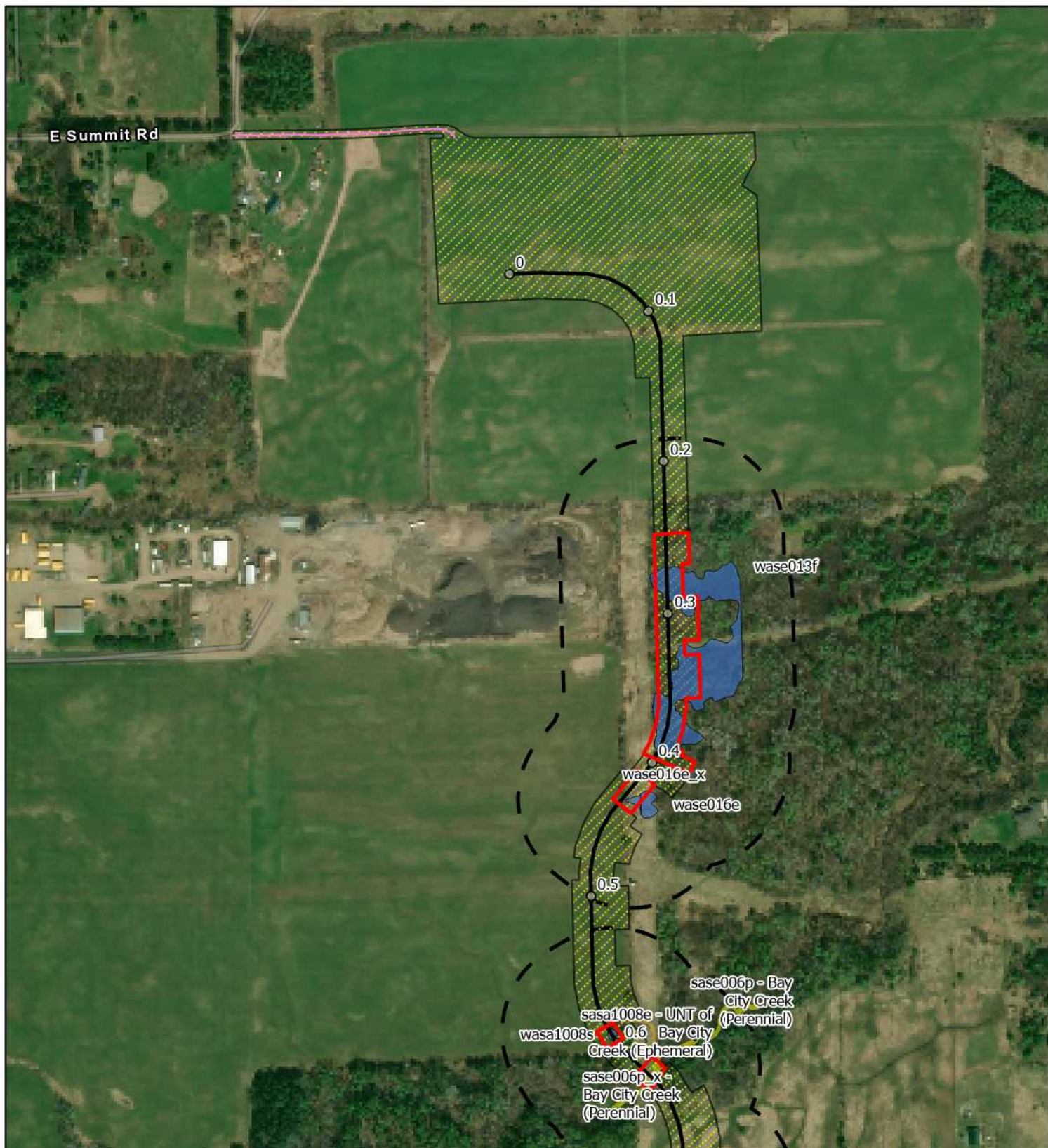




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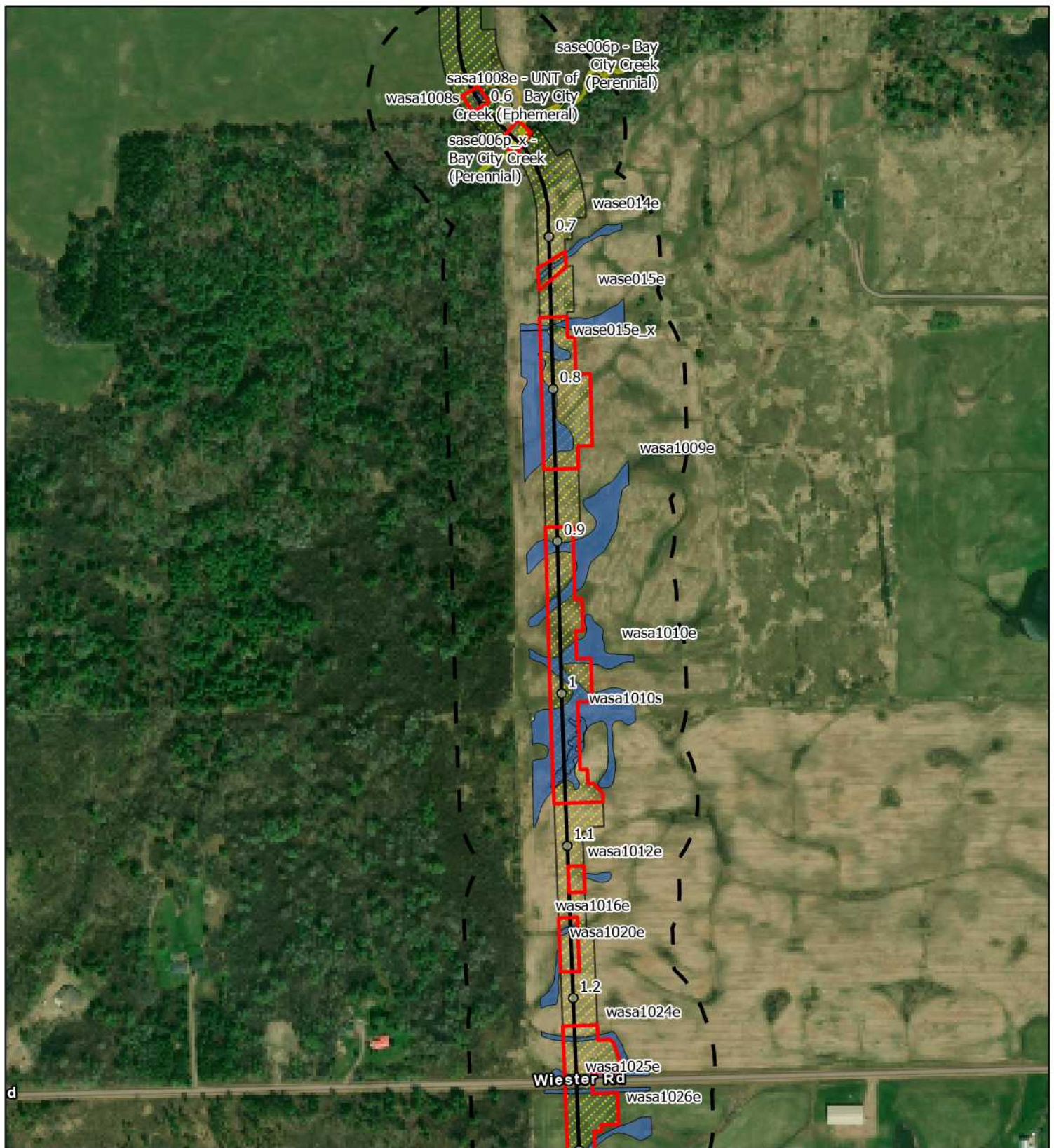


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

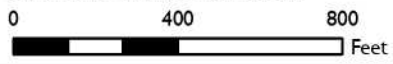
- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
- Proposed Mileposts





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Permit Areas

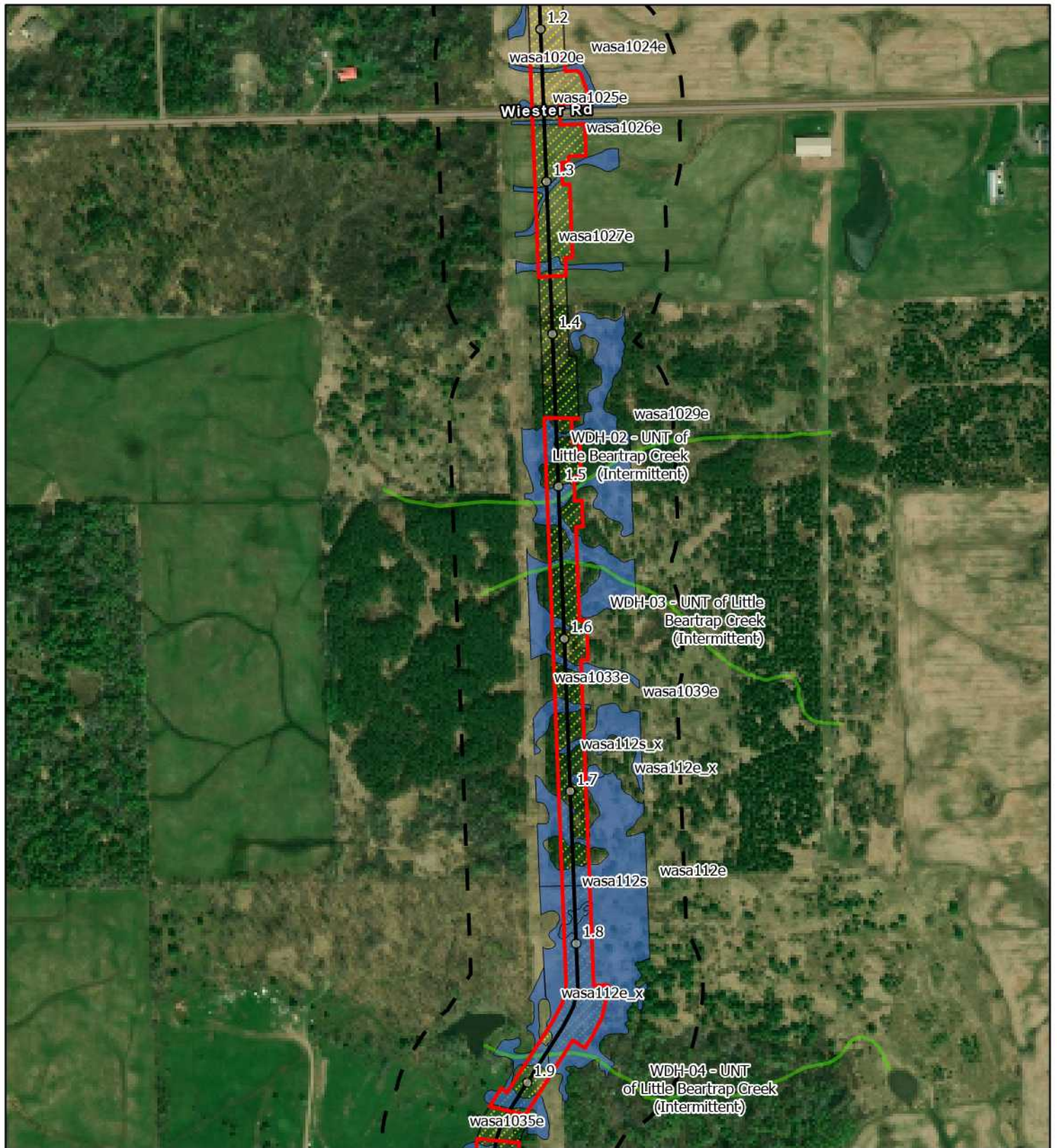
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Legend

- | | |
|-----------------------|--------------------------|
| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
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Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

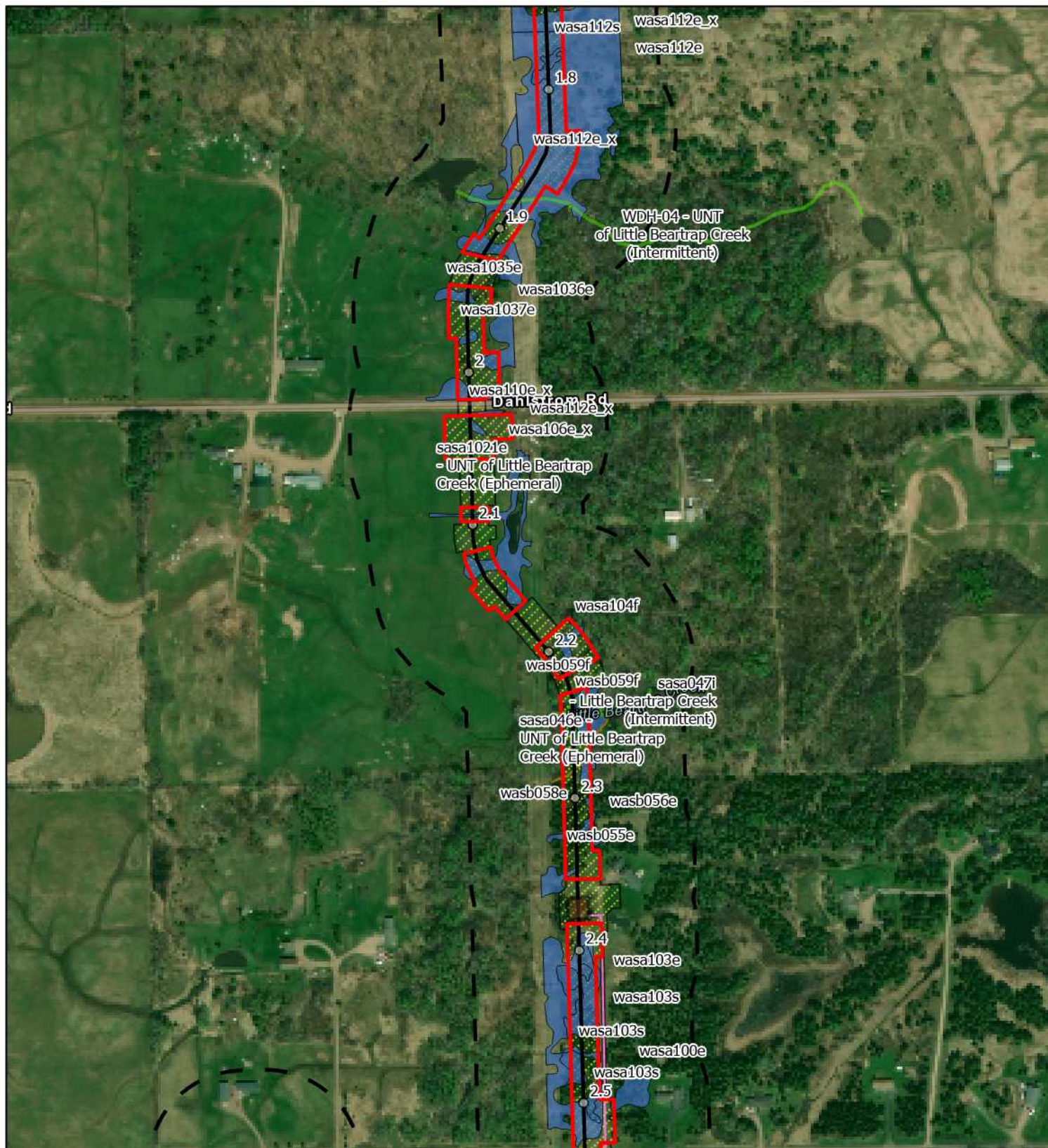
Mileposts

Line 5 Centerline

Access Road Centerlines

Proposed Mileposts





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Feet



Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

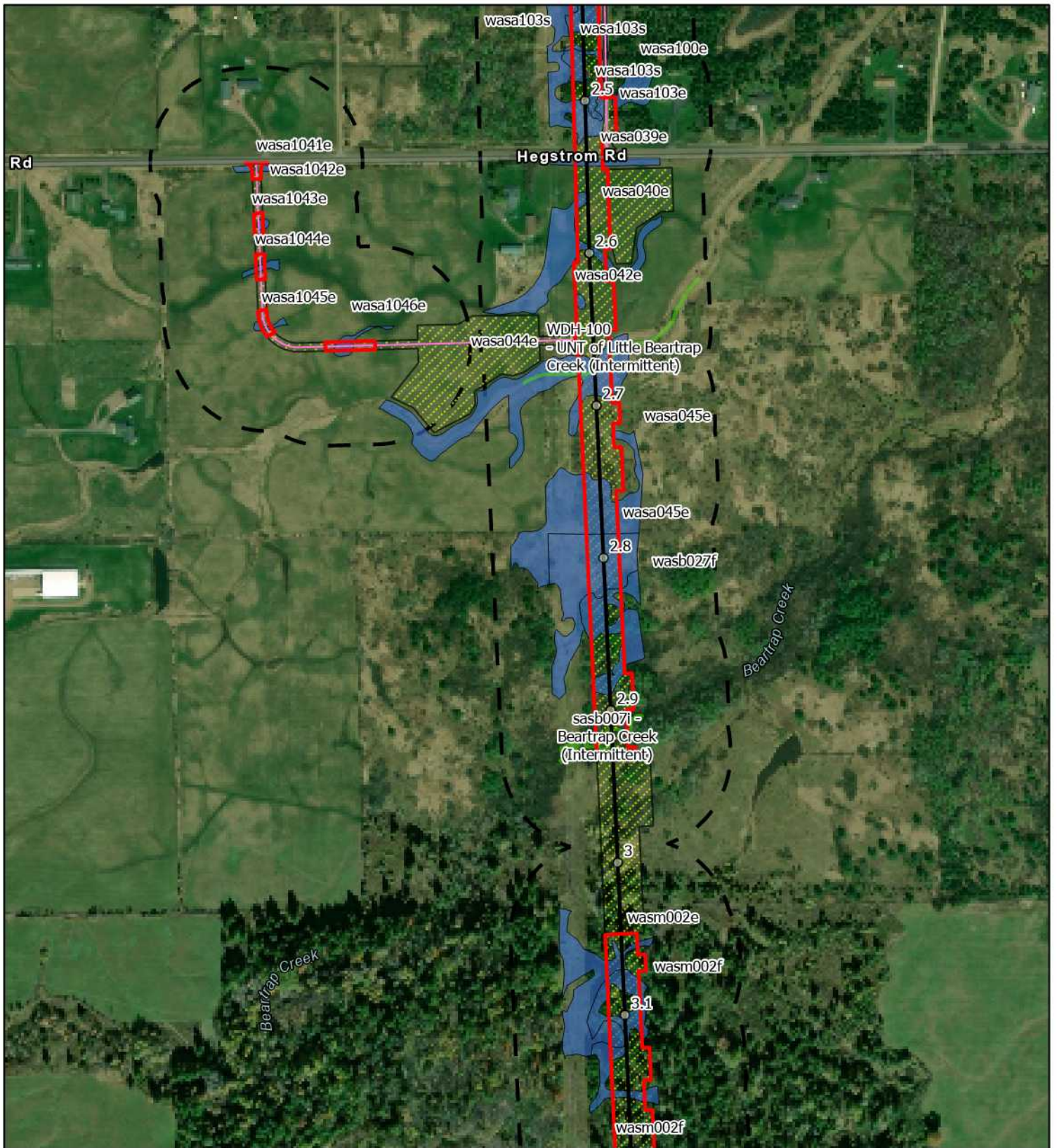
Mileposts

Line 5 Centerline

Access Road Centerlines

Proposed Mileposts





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Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

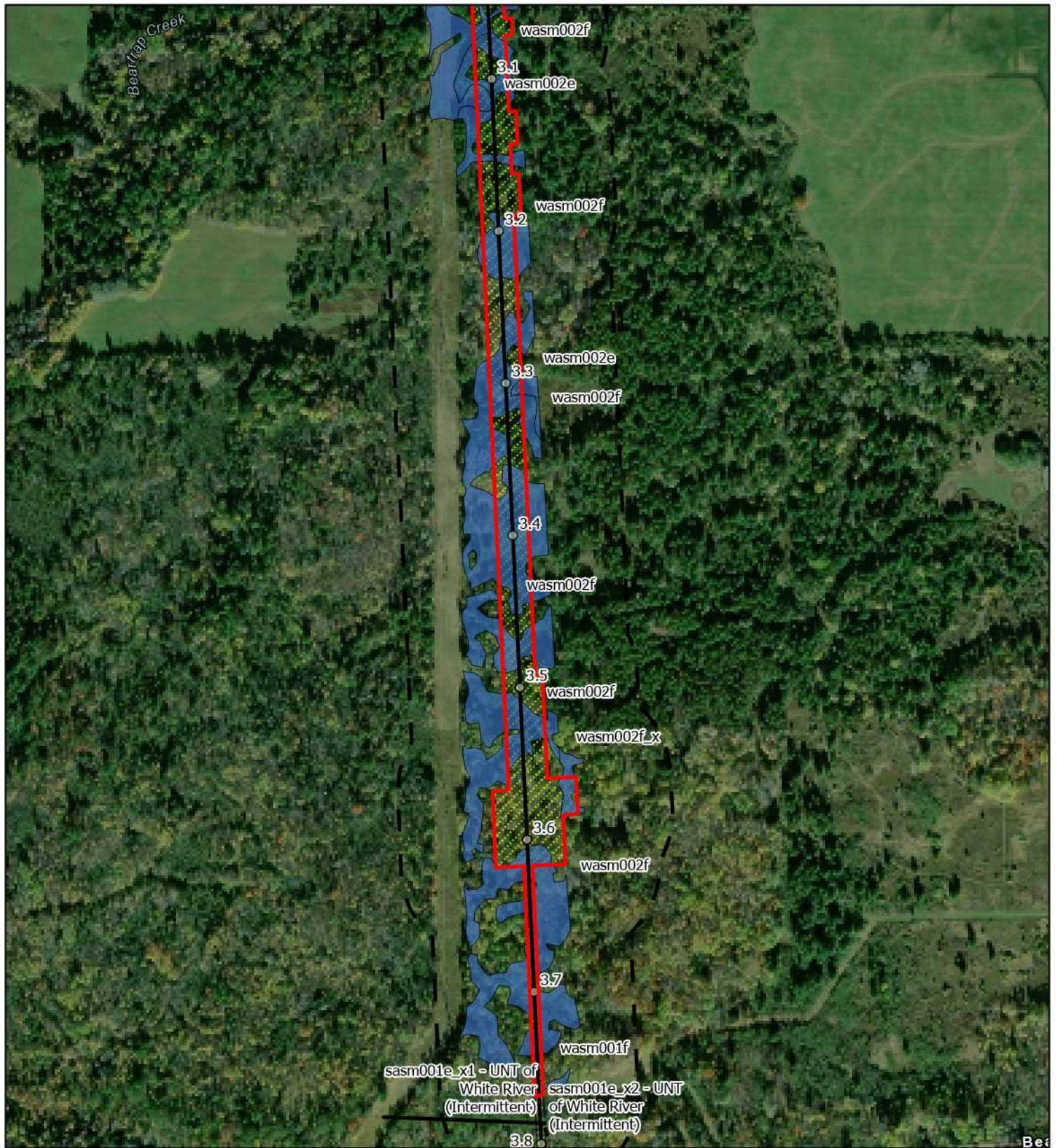
Mileposts

Line 5 Centerline

Access Road Centerlines

Proposed Mileposts





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Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

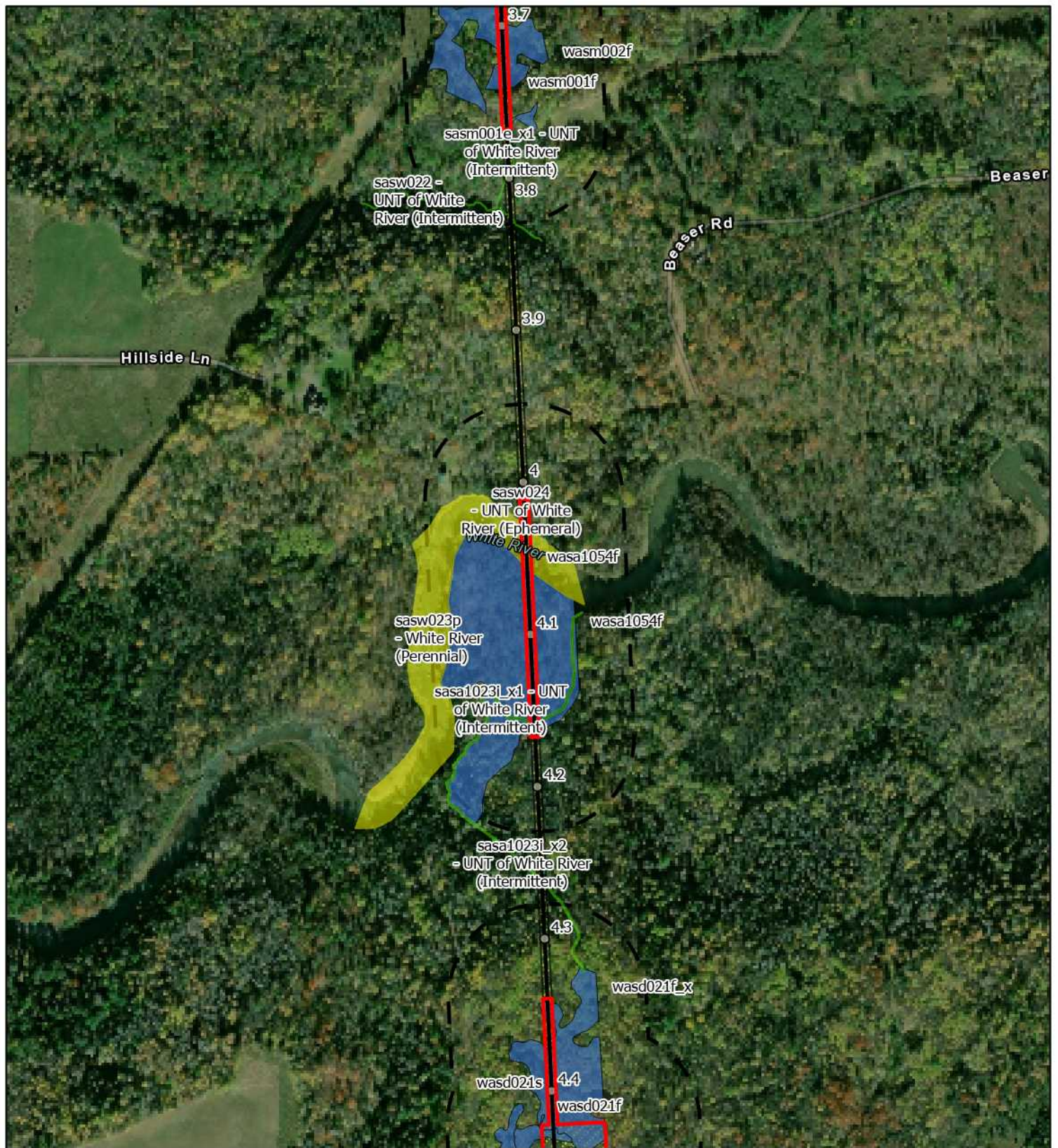
Mileposts

Line 5 Centerline

Access Road Centerlines

Proposed Mileposts





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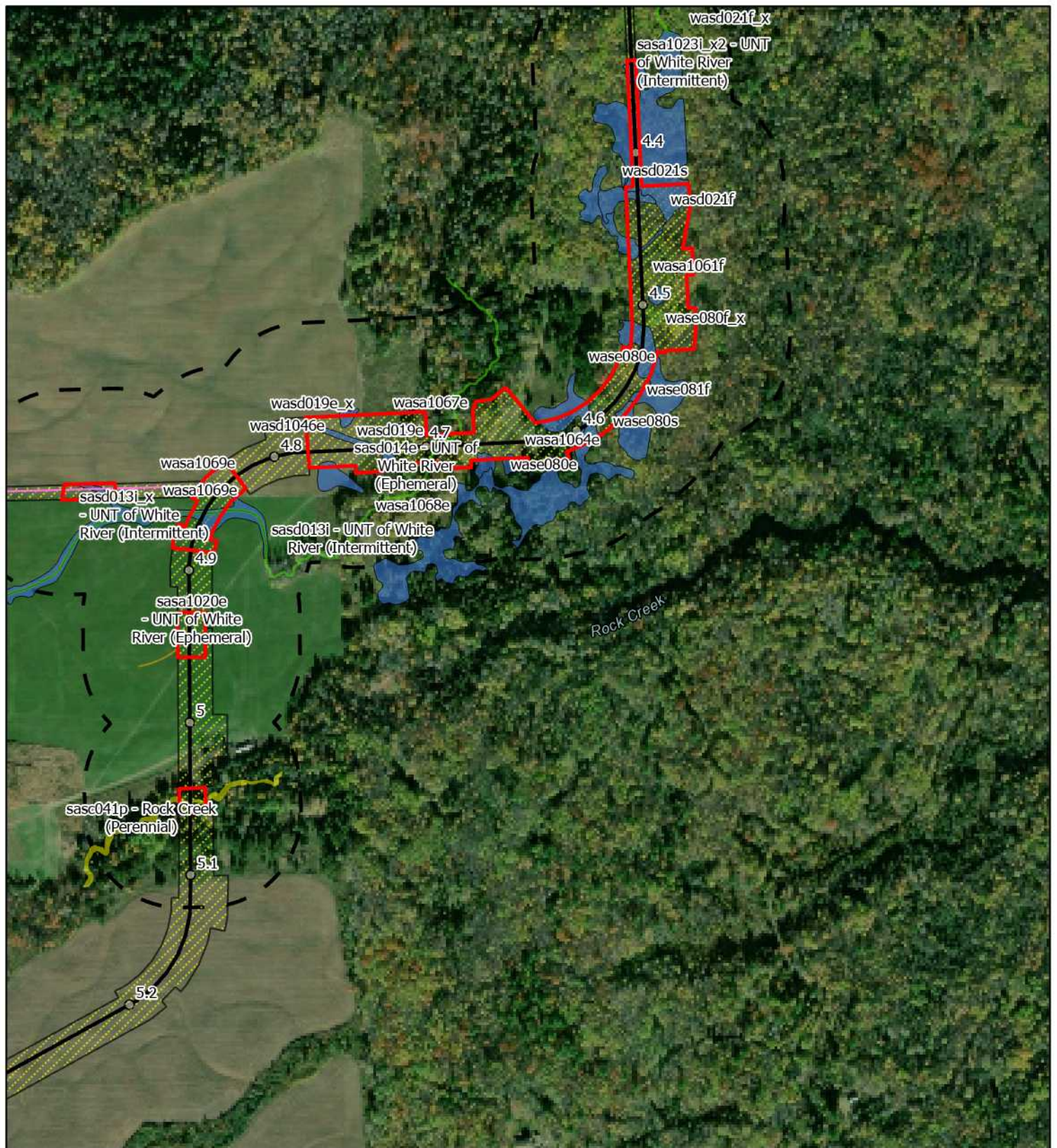
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Legend

- | | |
|-----------------------|--------------------------|
| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
| Limits Of Disturbance | Proposed Mileposts |





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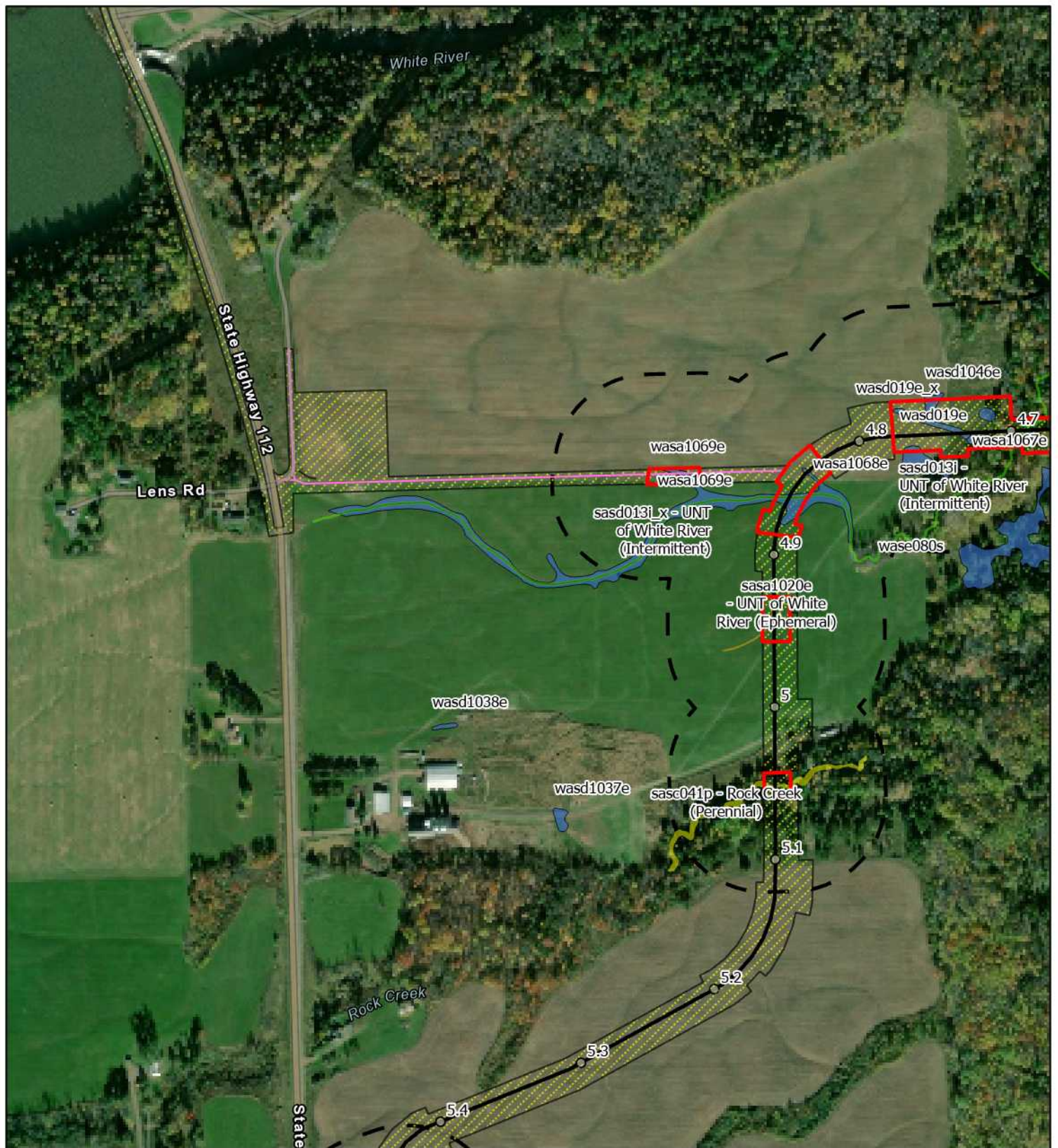


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
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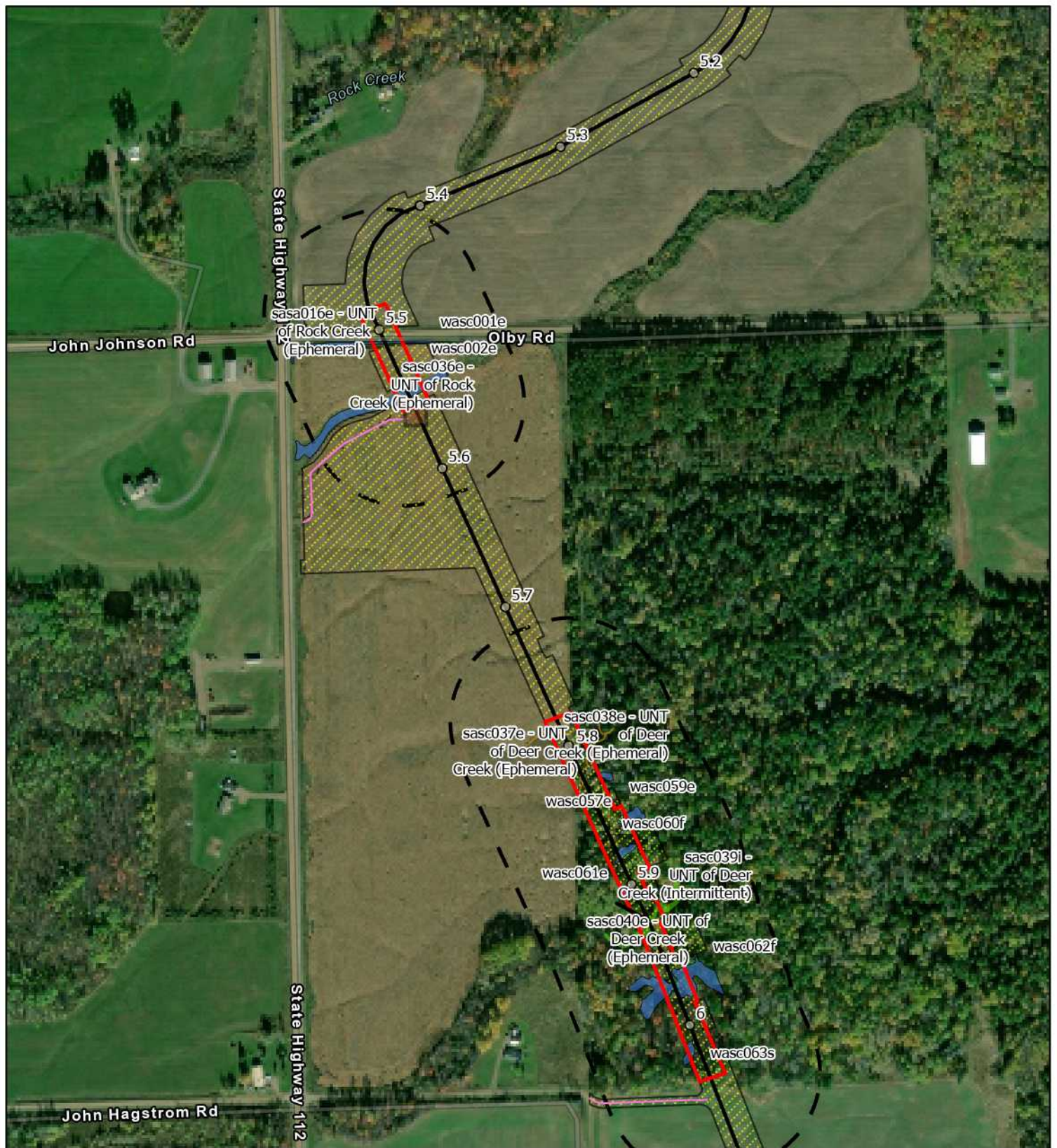


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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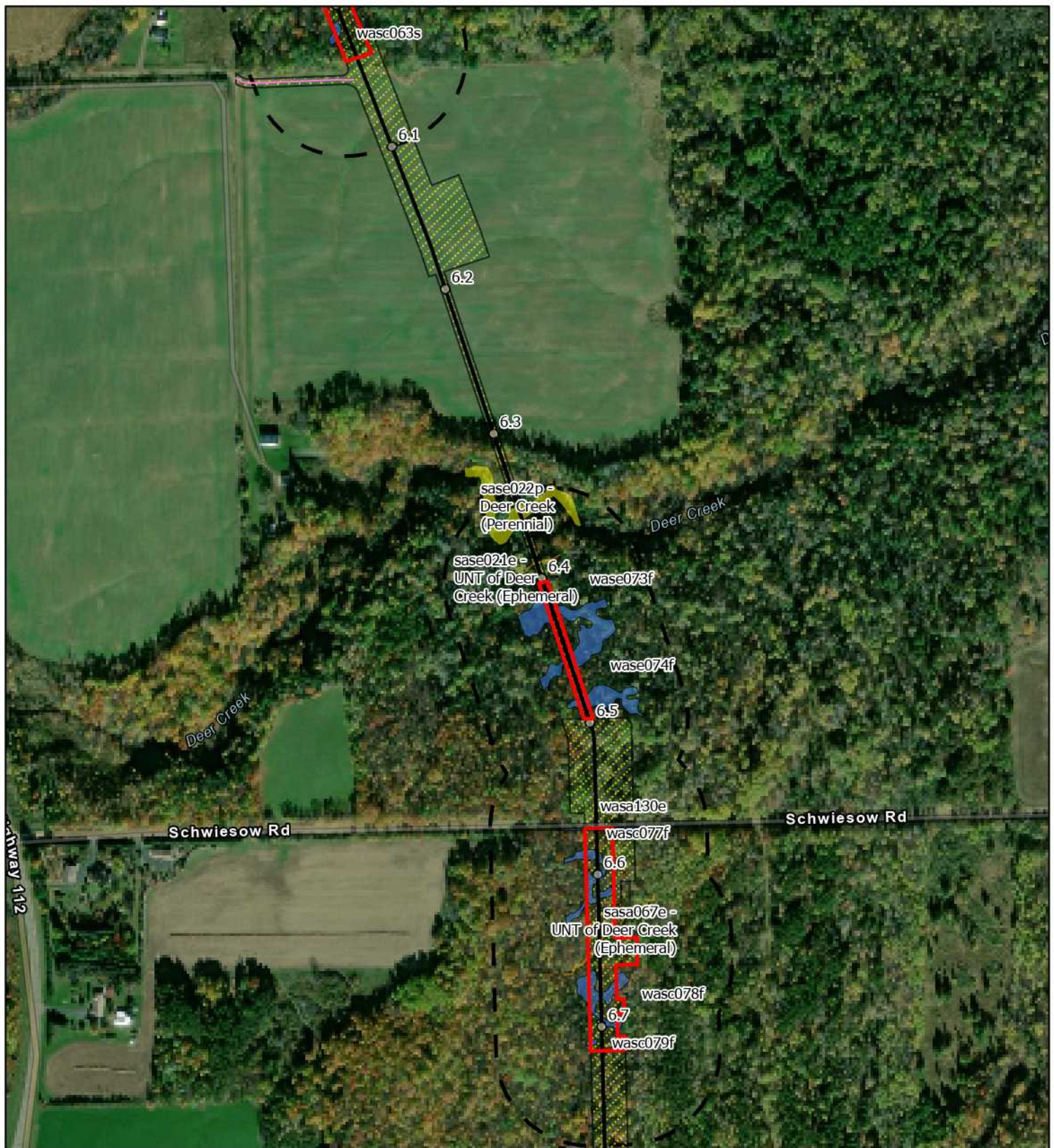


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
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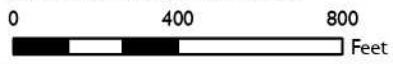
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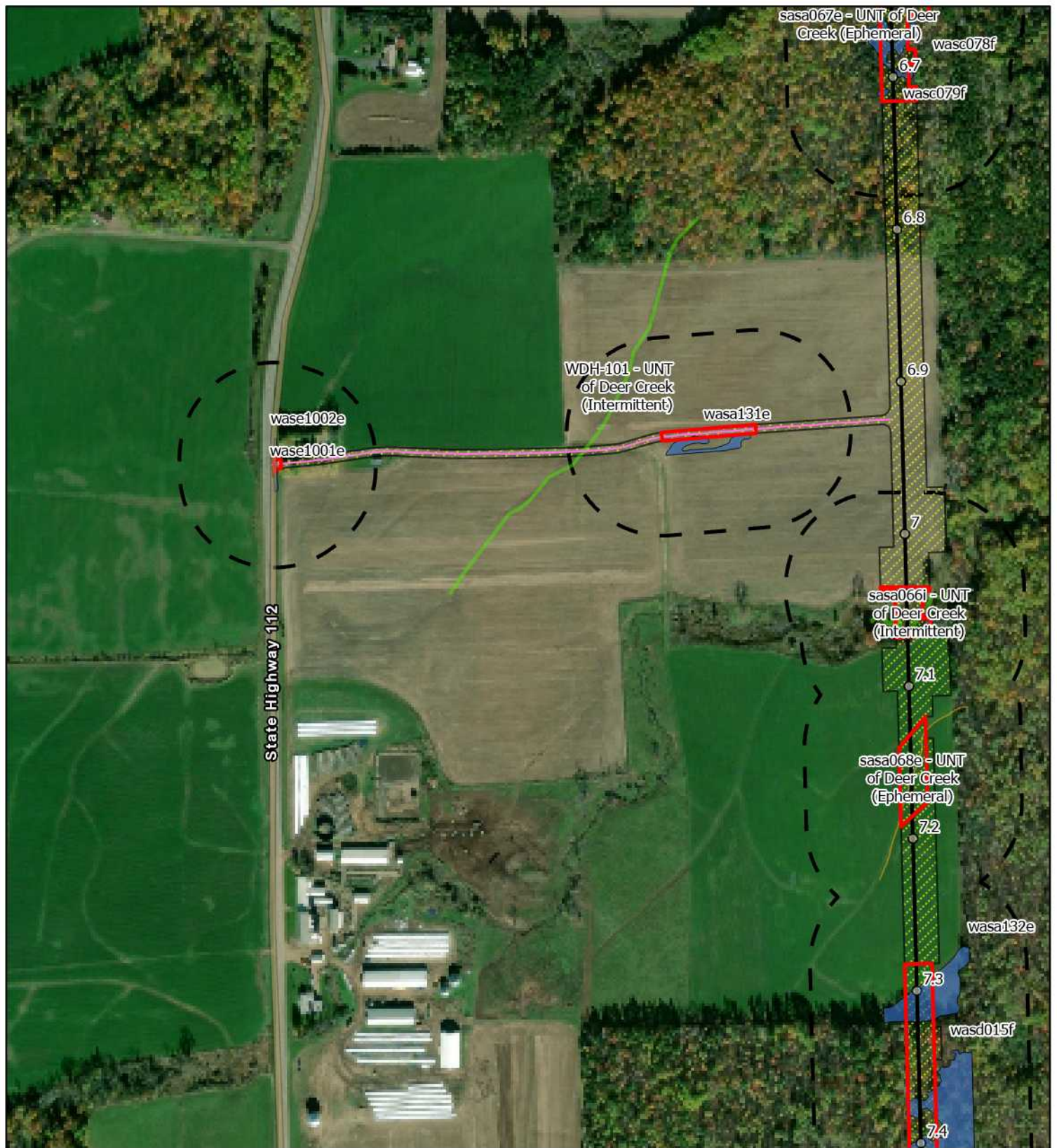
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Legend

- | | |
|---|--|
|  Wetlands |  USACE Permit Area |
| Waterbodies |  Area of Potential Effect |
|  Ephemeral |  Valve Site |
|  Intermittent |  Mileposts |
|  Pond |  Line 5 Centerline |
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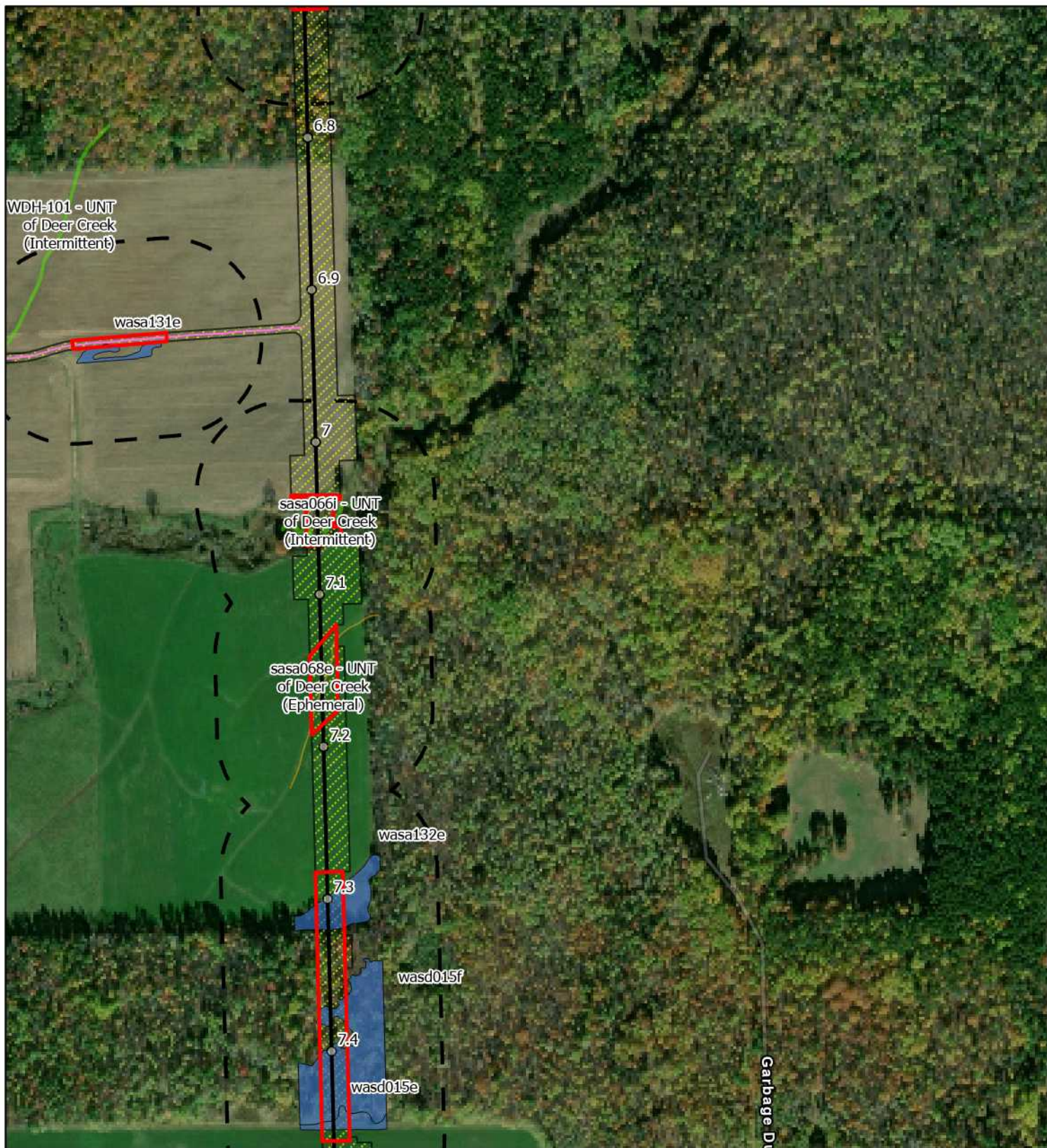


Legend

- Wetlands
- Waterbodies
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

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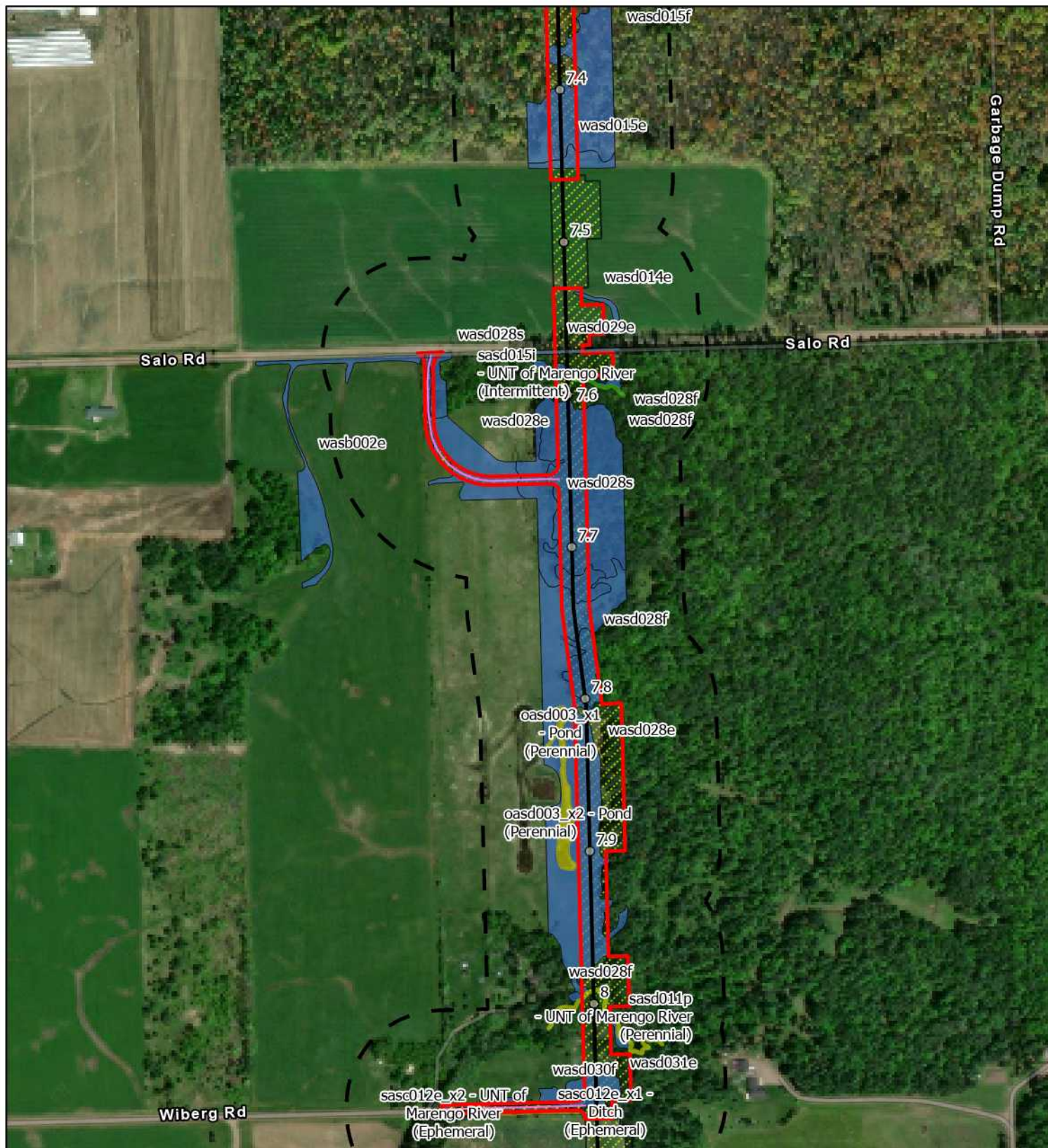


- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
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Legend

Wetlands

Waterbodies

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Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

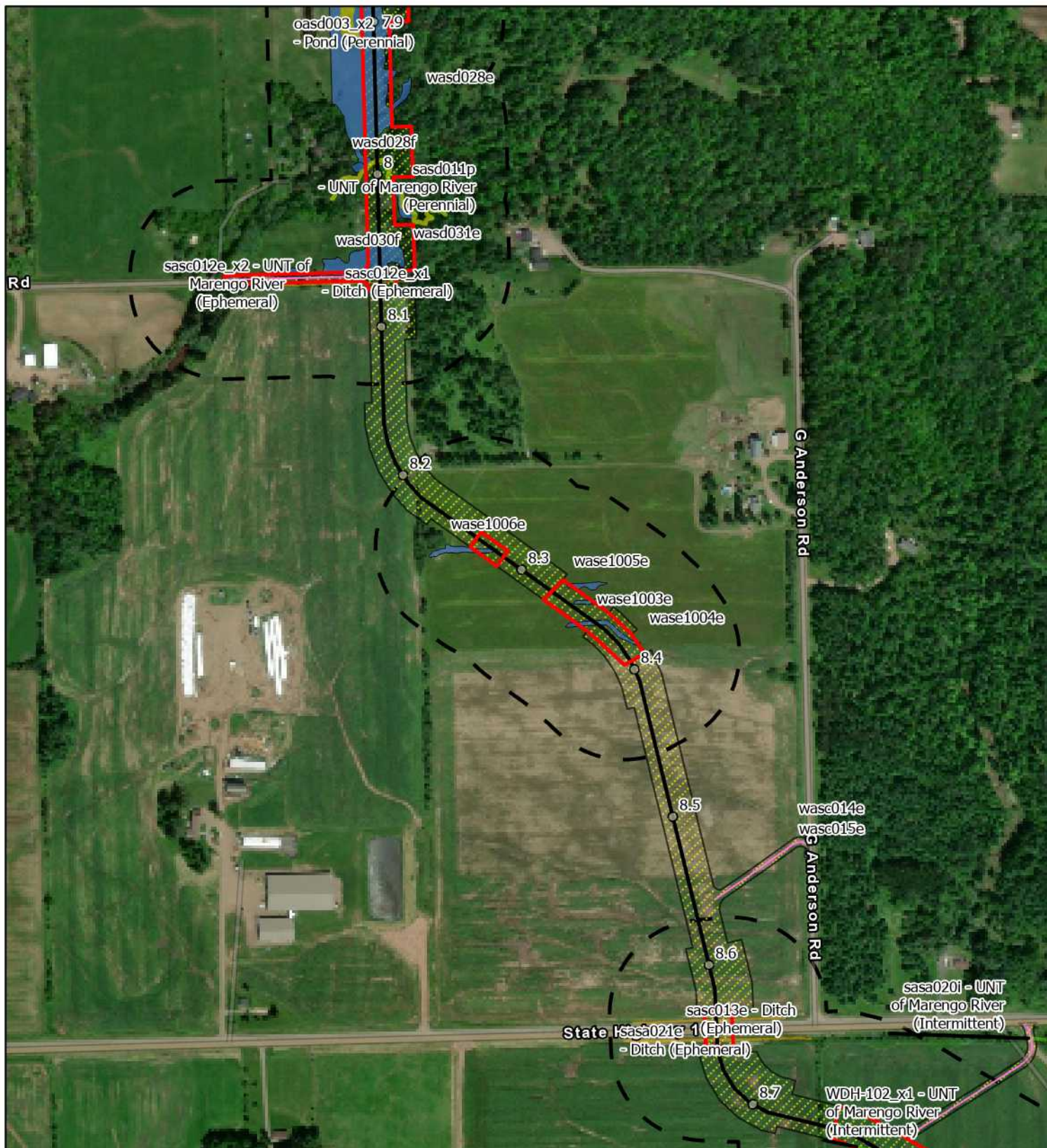
Mileposts

Line 5 Centerline

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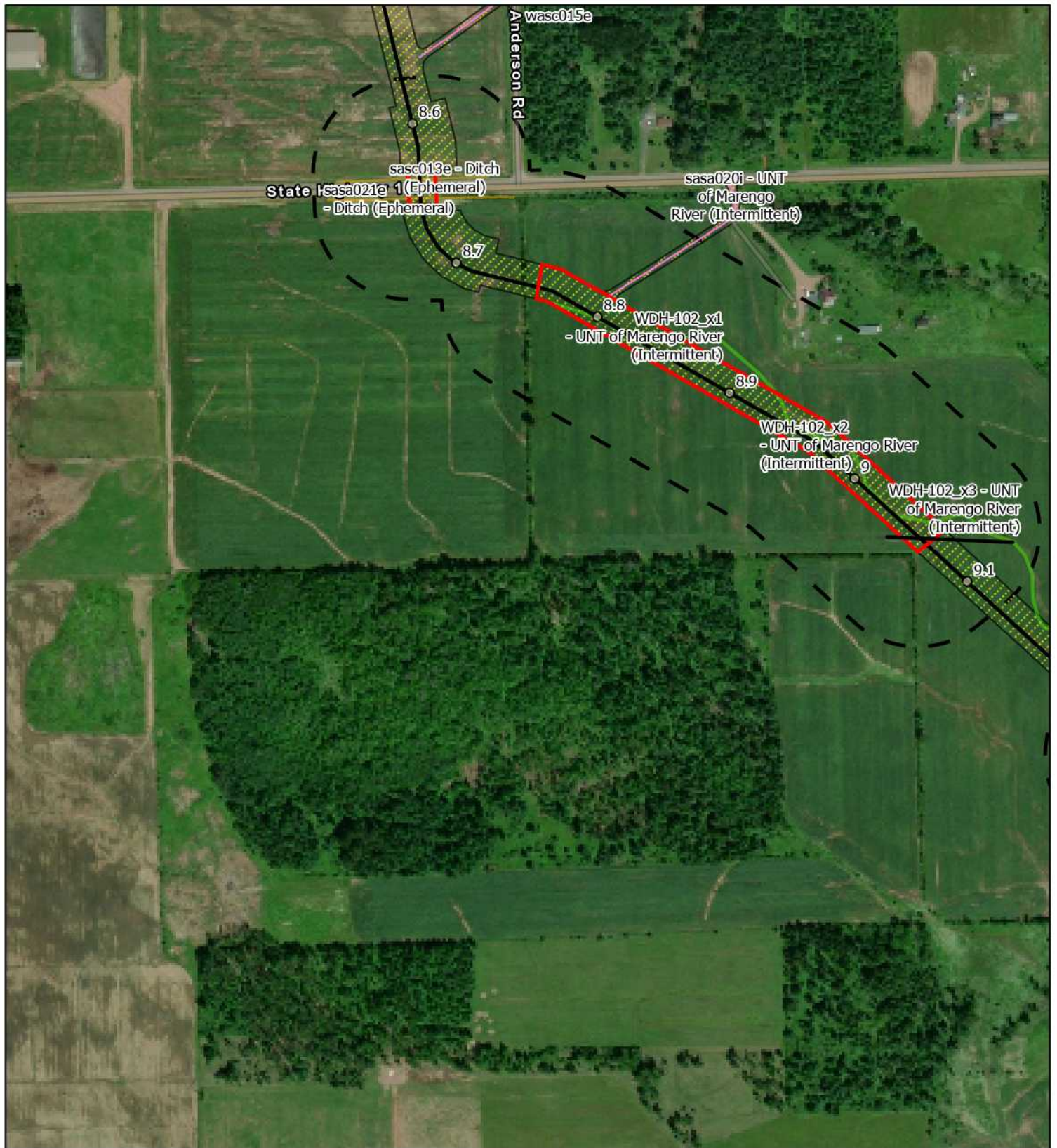


- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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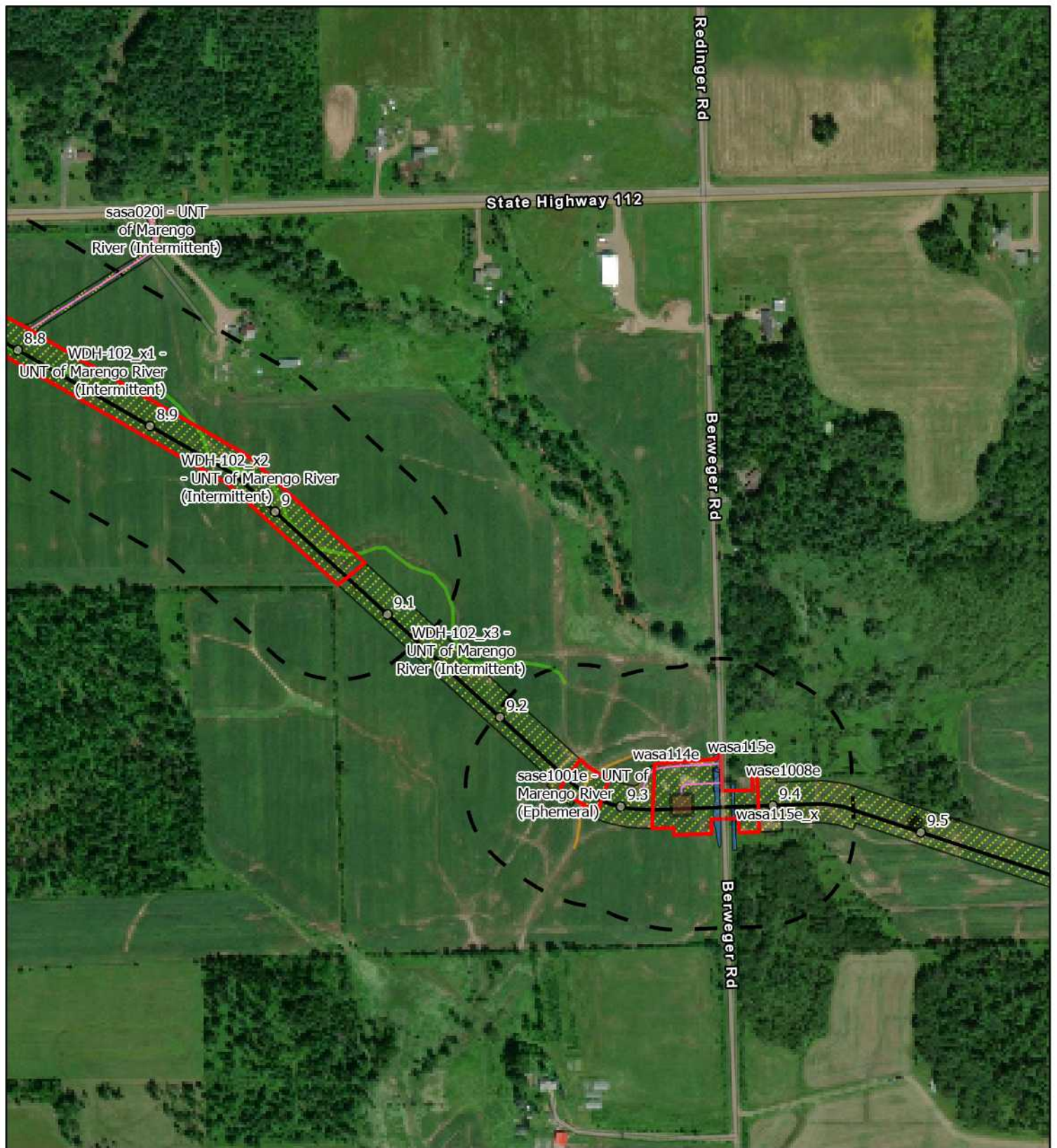


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
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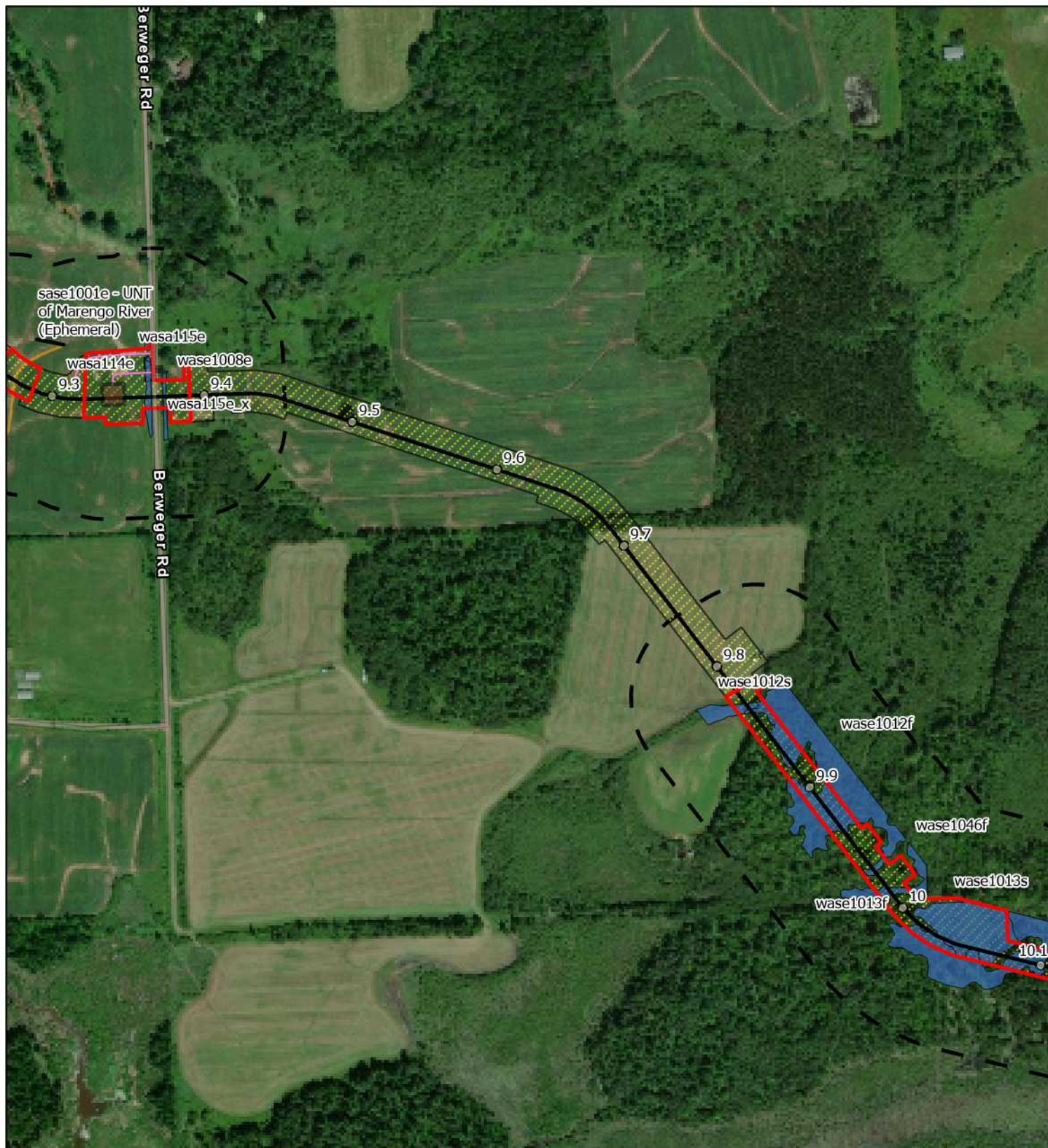


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Pond
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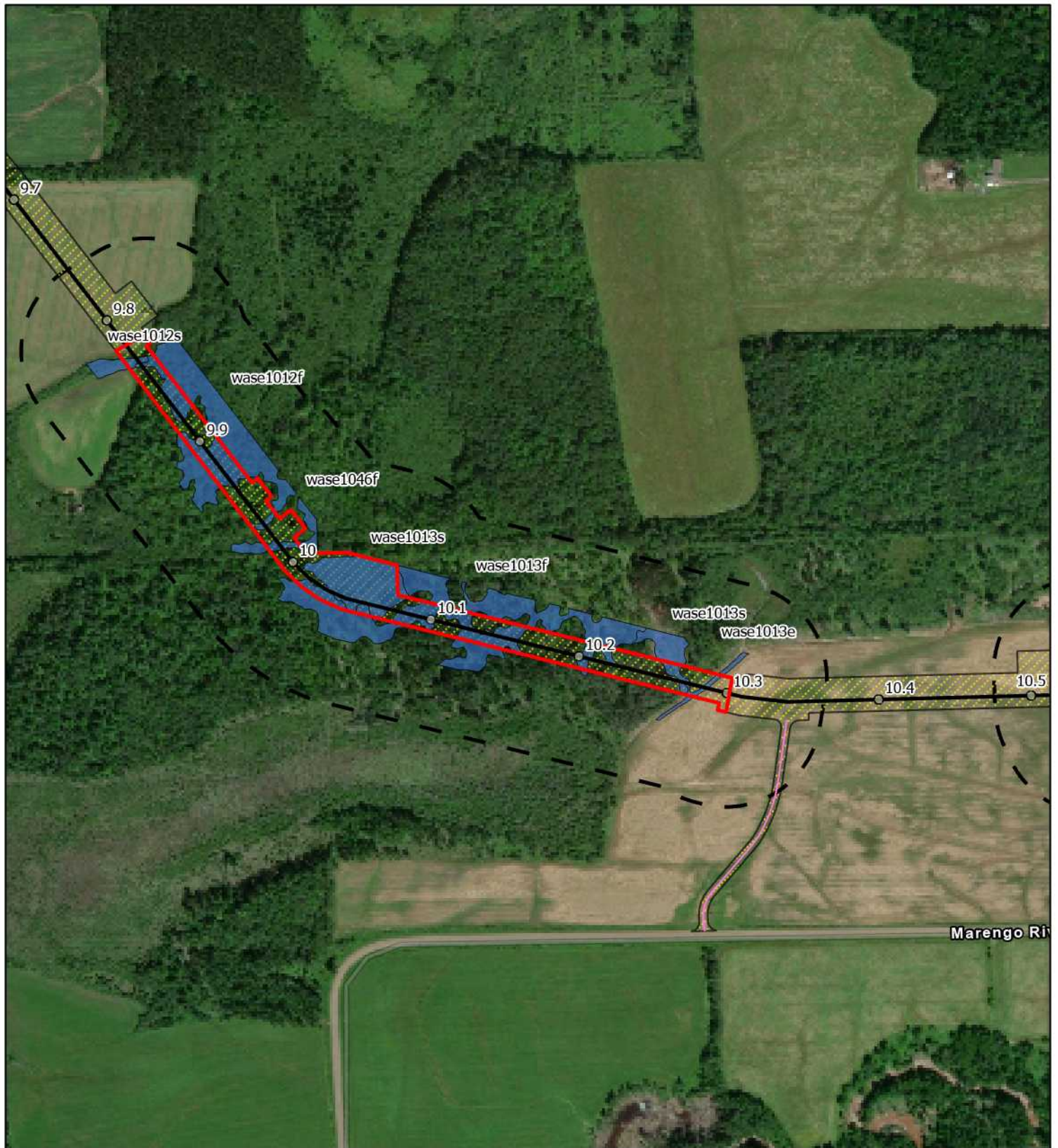


Legend

- Wetlands
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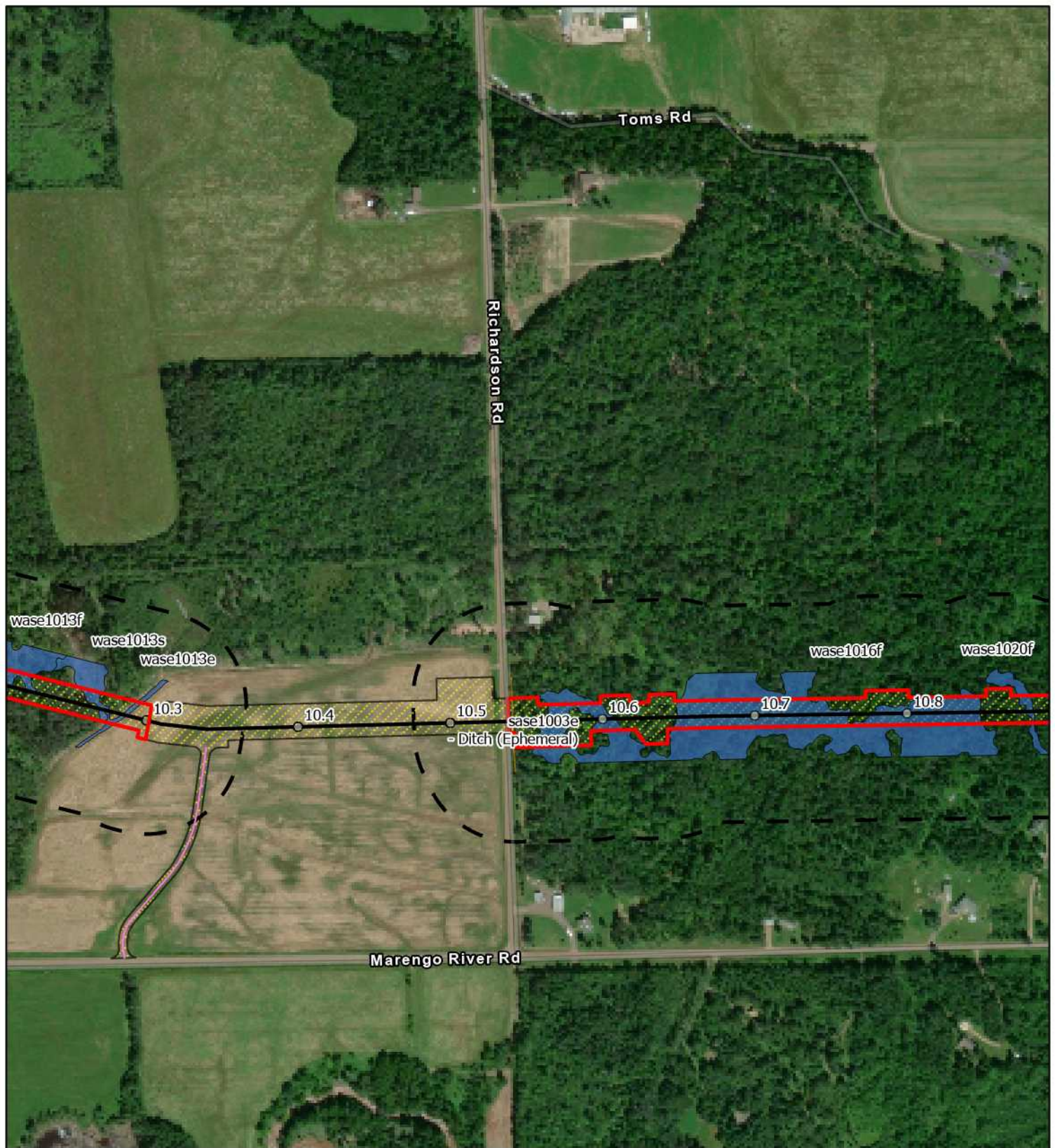


Legend

- Wetlands
- Waterbodies**
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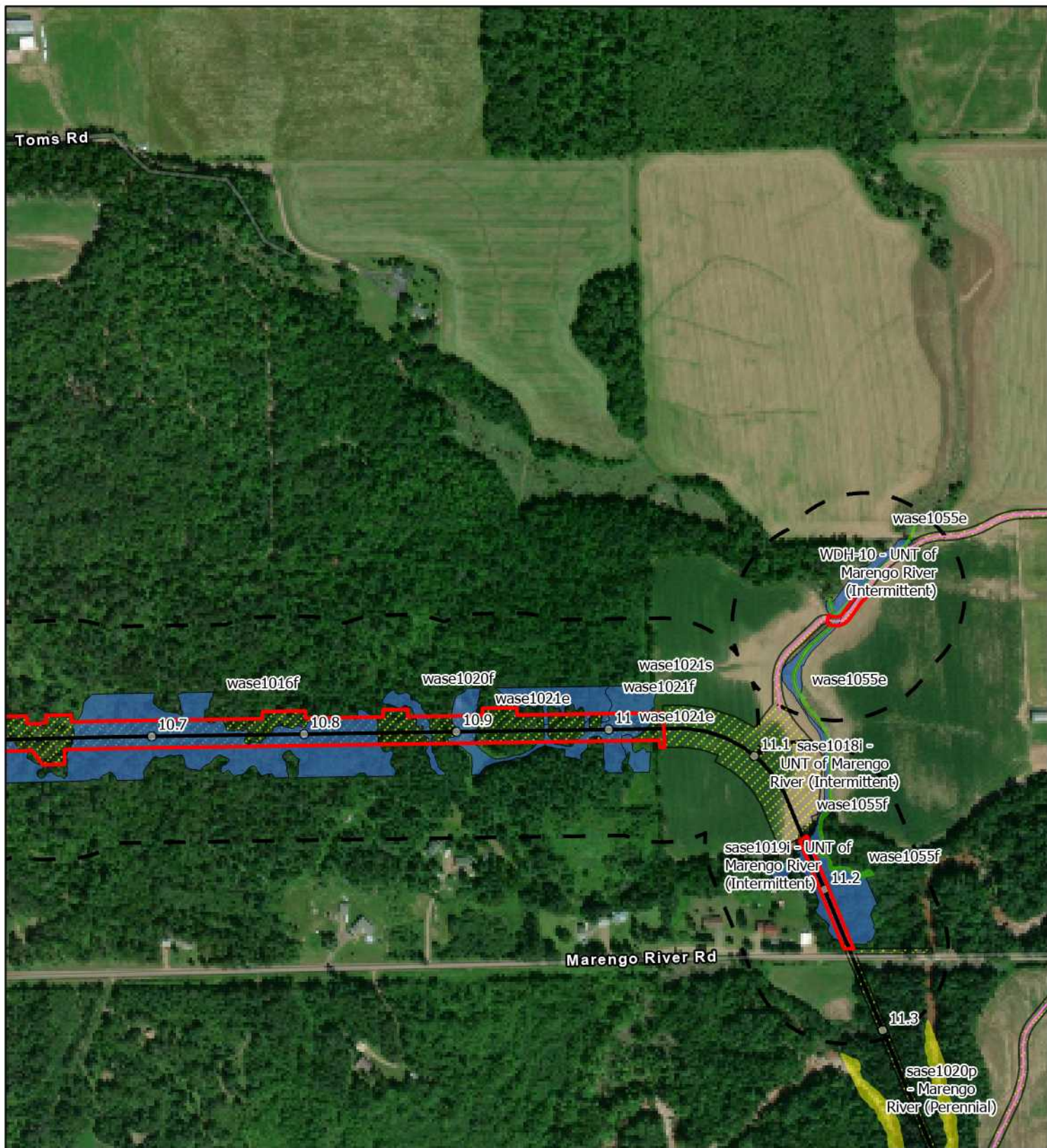


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Pond
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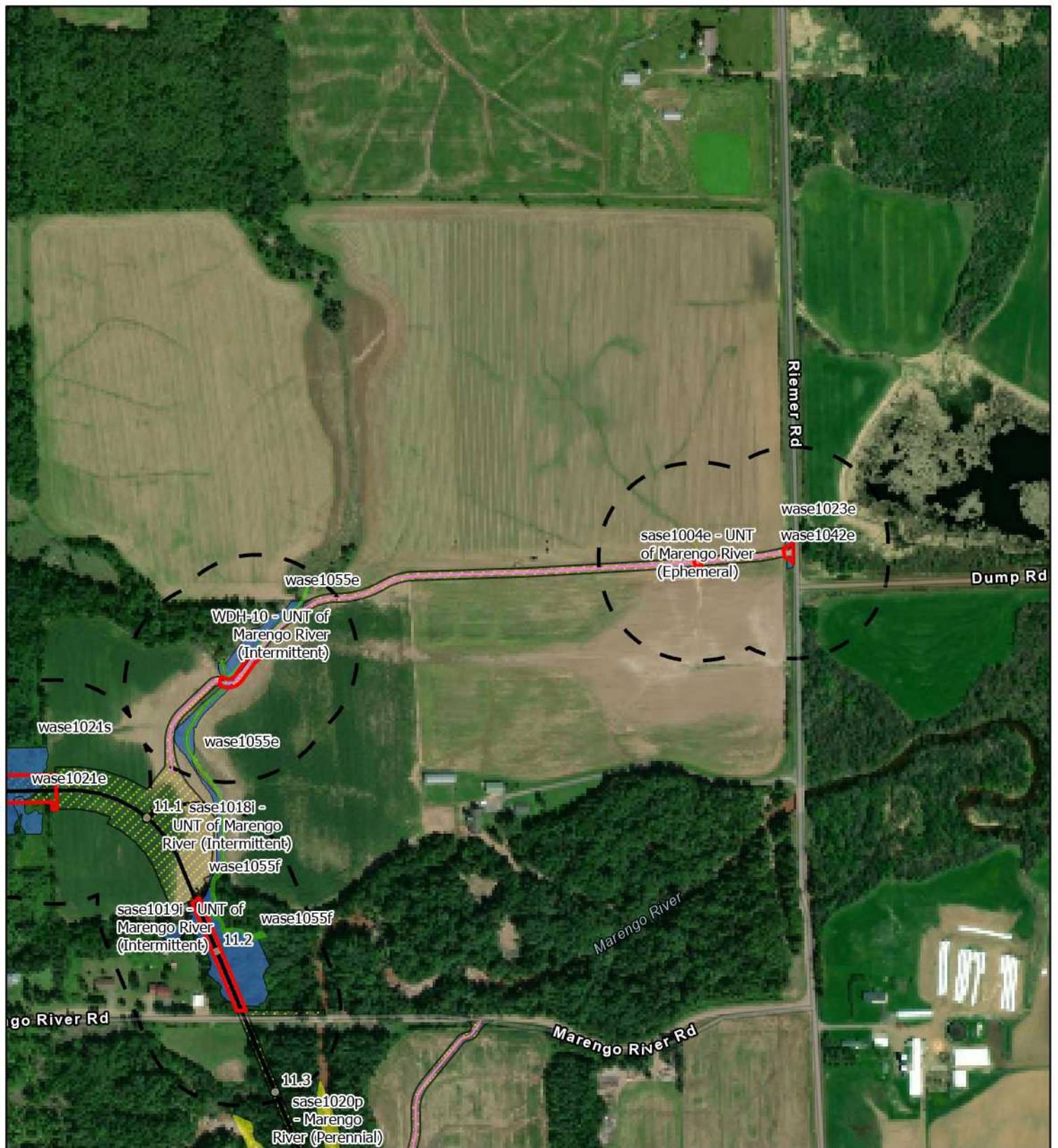


Legend

- Wetlands
- Waterbodies**
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 - Pond
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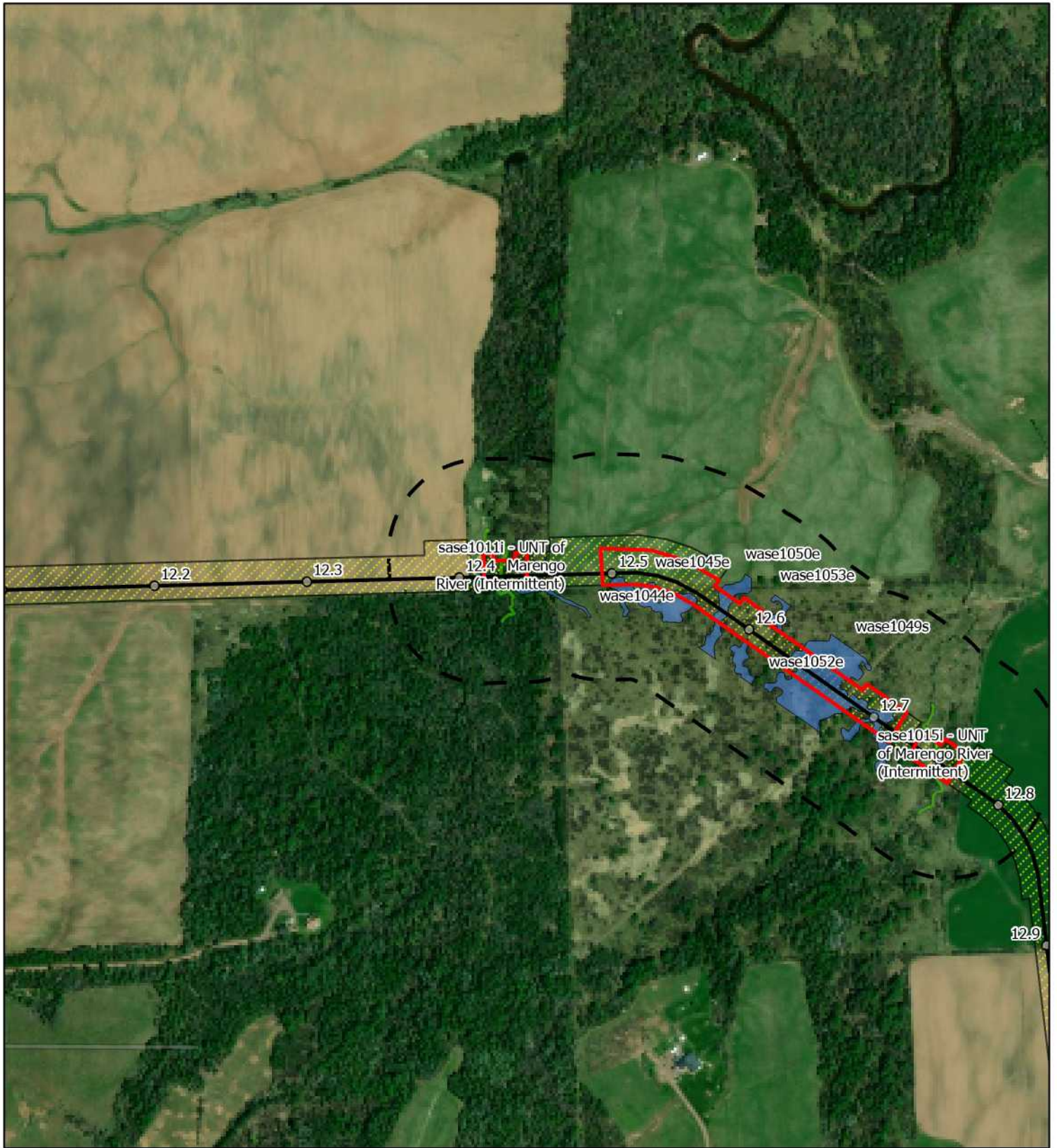


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Pond
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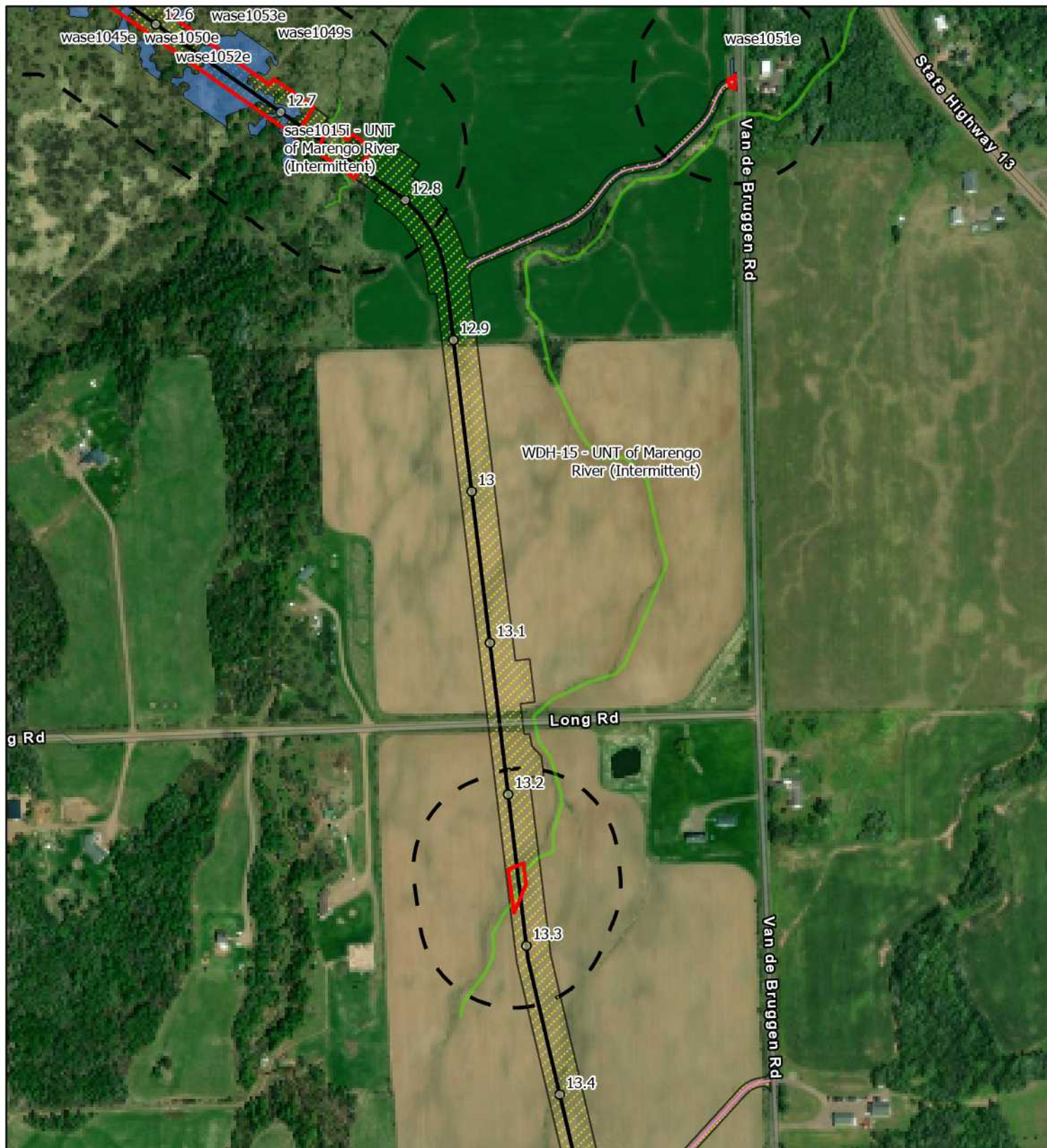


Legend

- Wetlands
- Waterbodies
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Legend

Wetlands

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Ephemeral

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Limits Of Disturbance

USACE Permit Area

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Valve Site

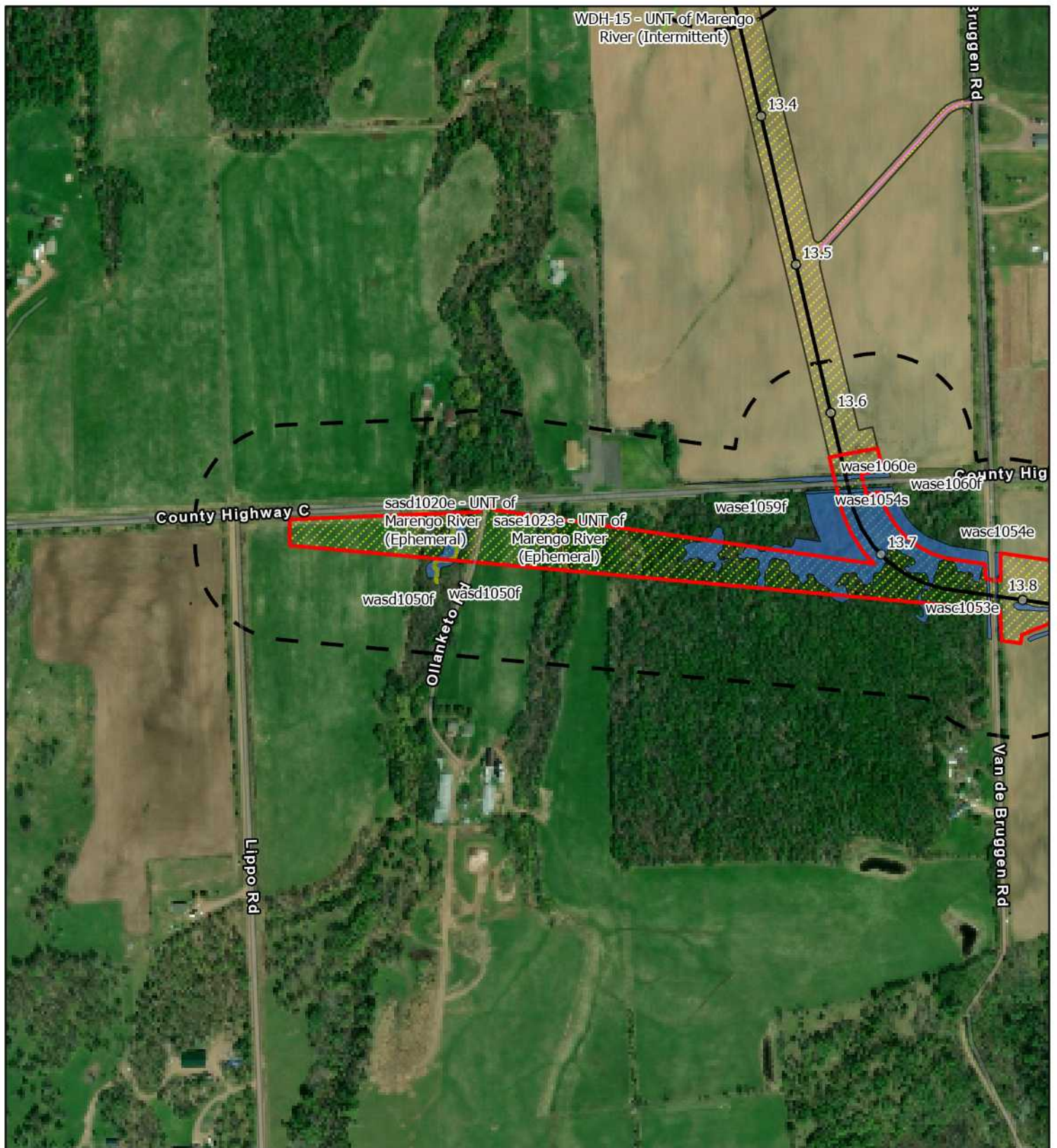
Mileposts

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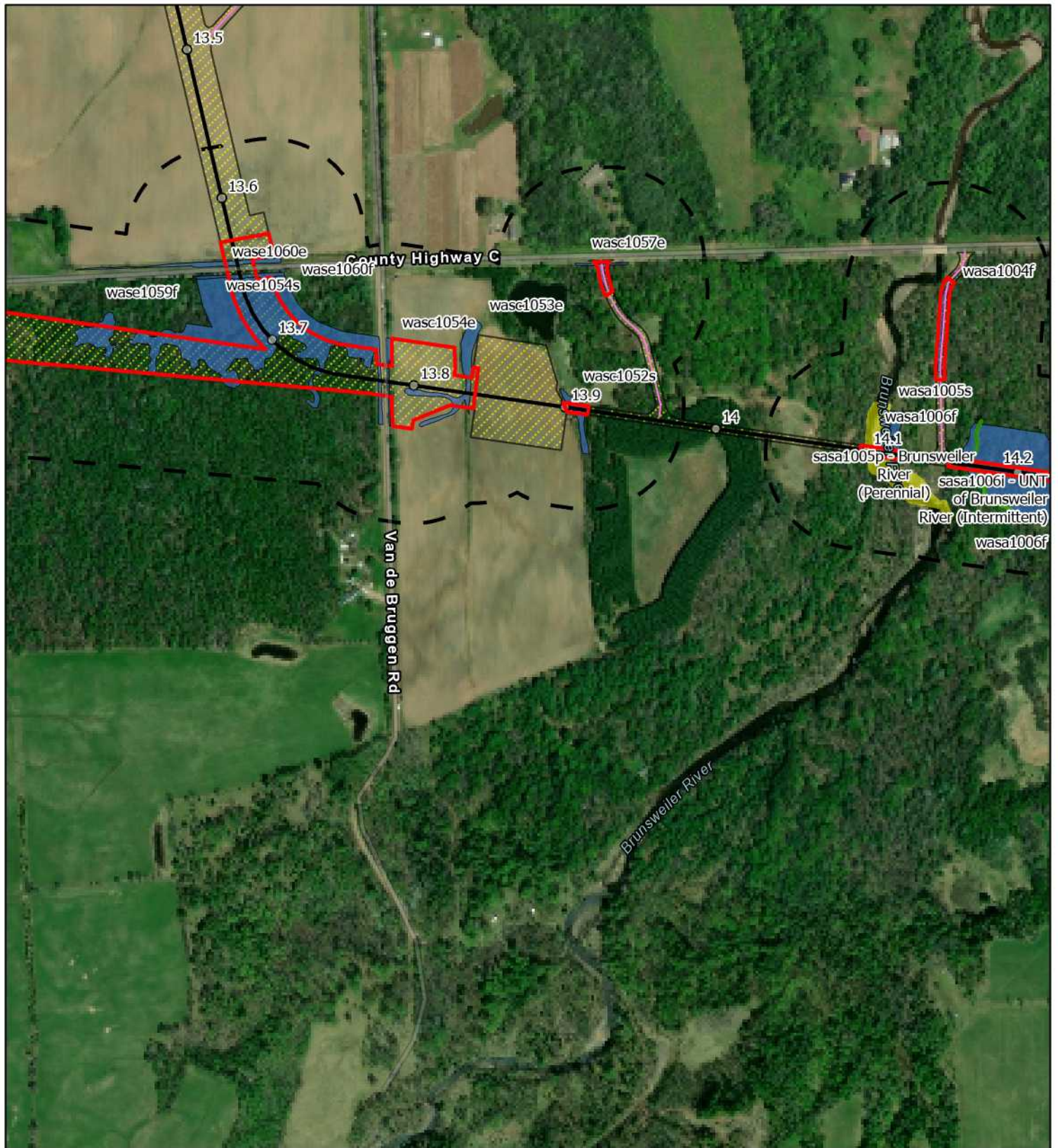


Legend

- Wetlands
- Waterbodies**
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 - Pond
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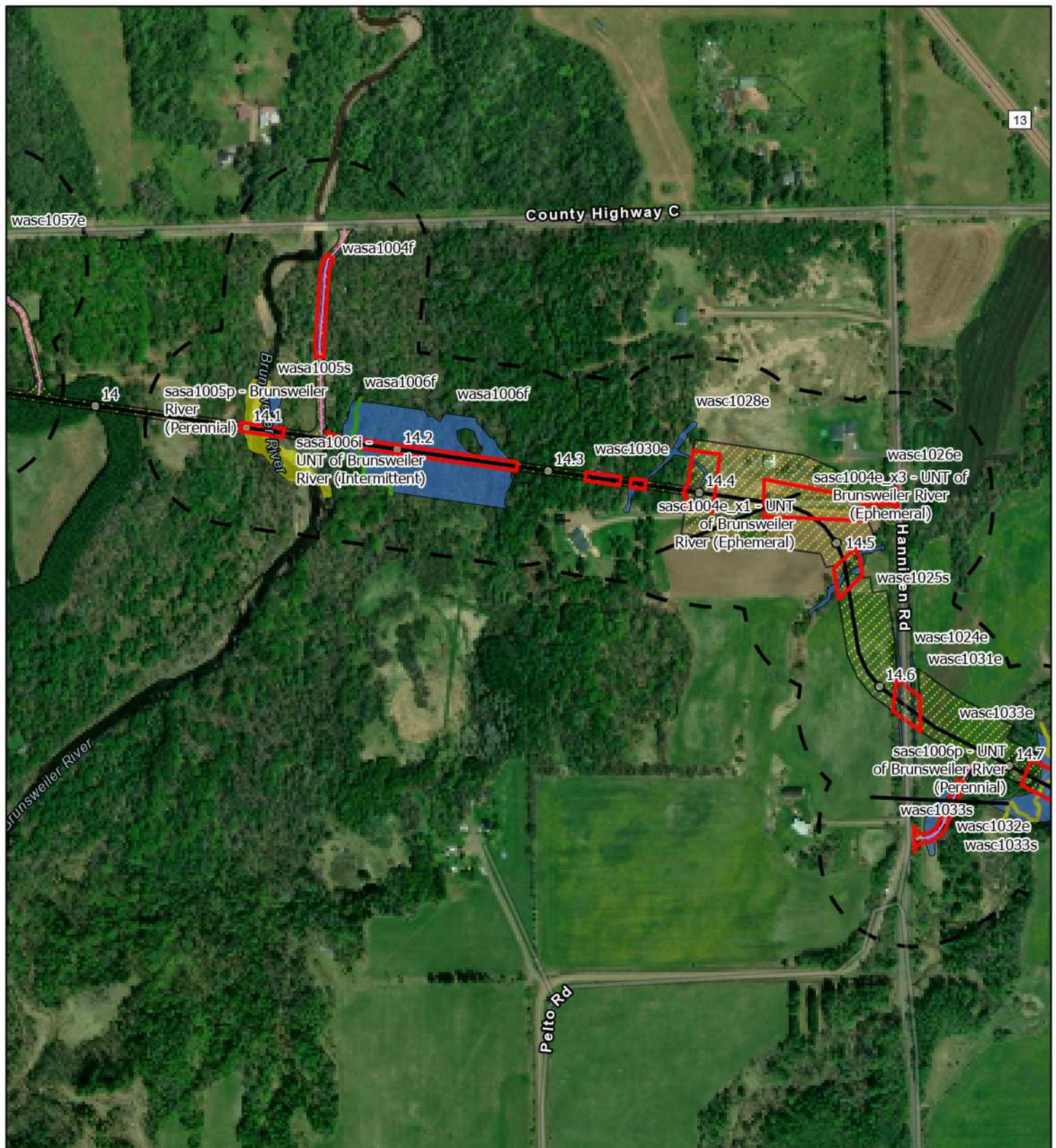


Legend

- Wetlands
- Waterbodies**
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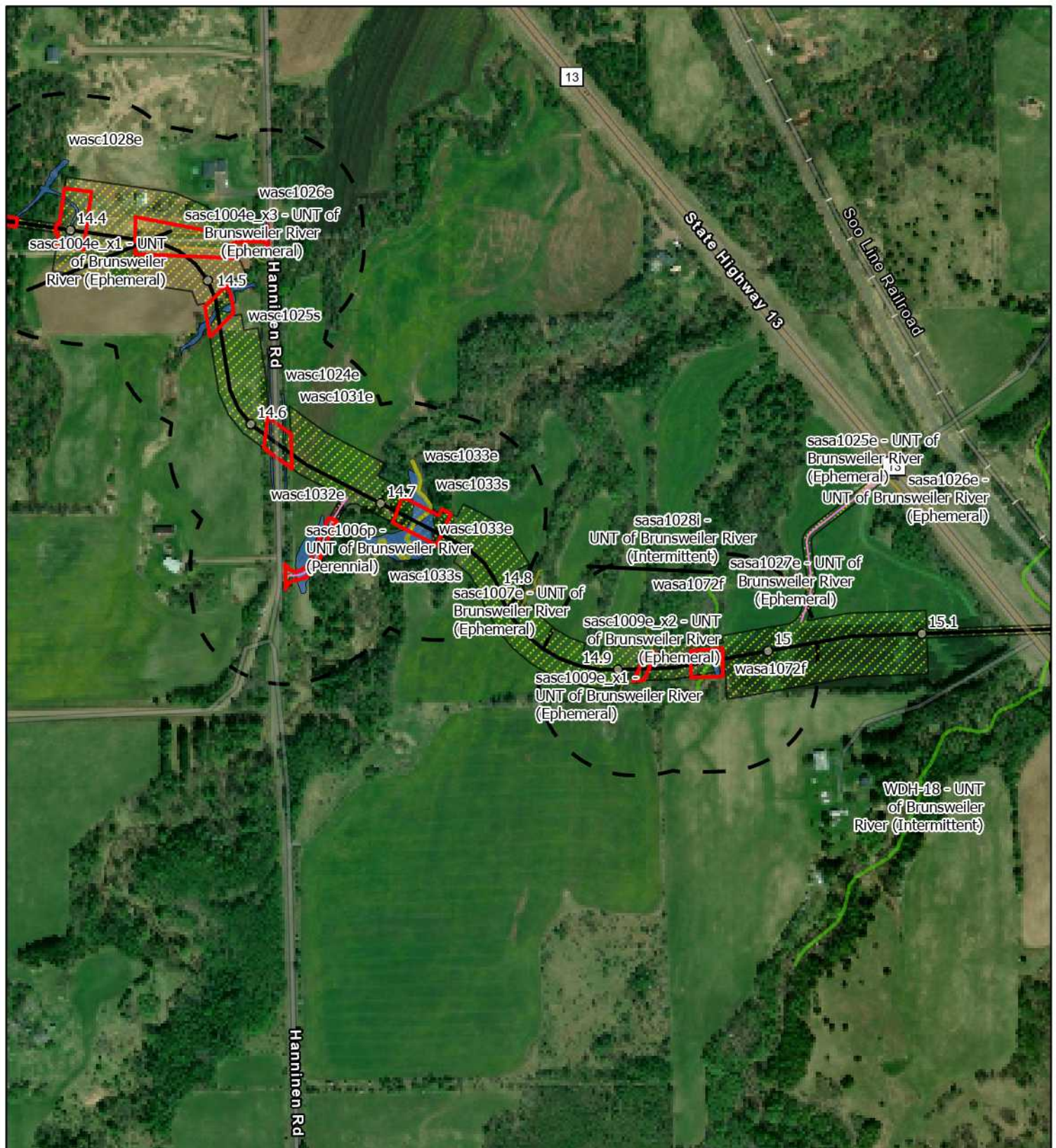


Legend

- Wetlands
- Waterbodies**
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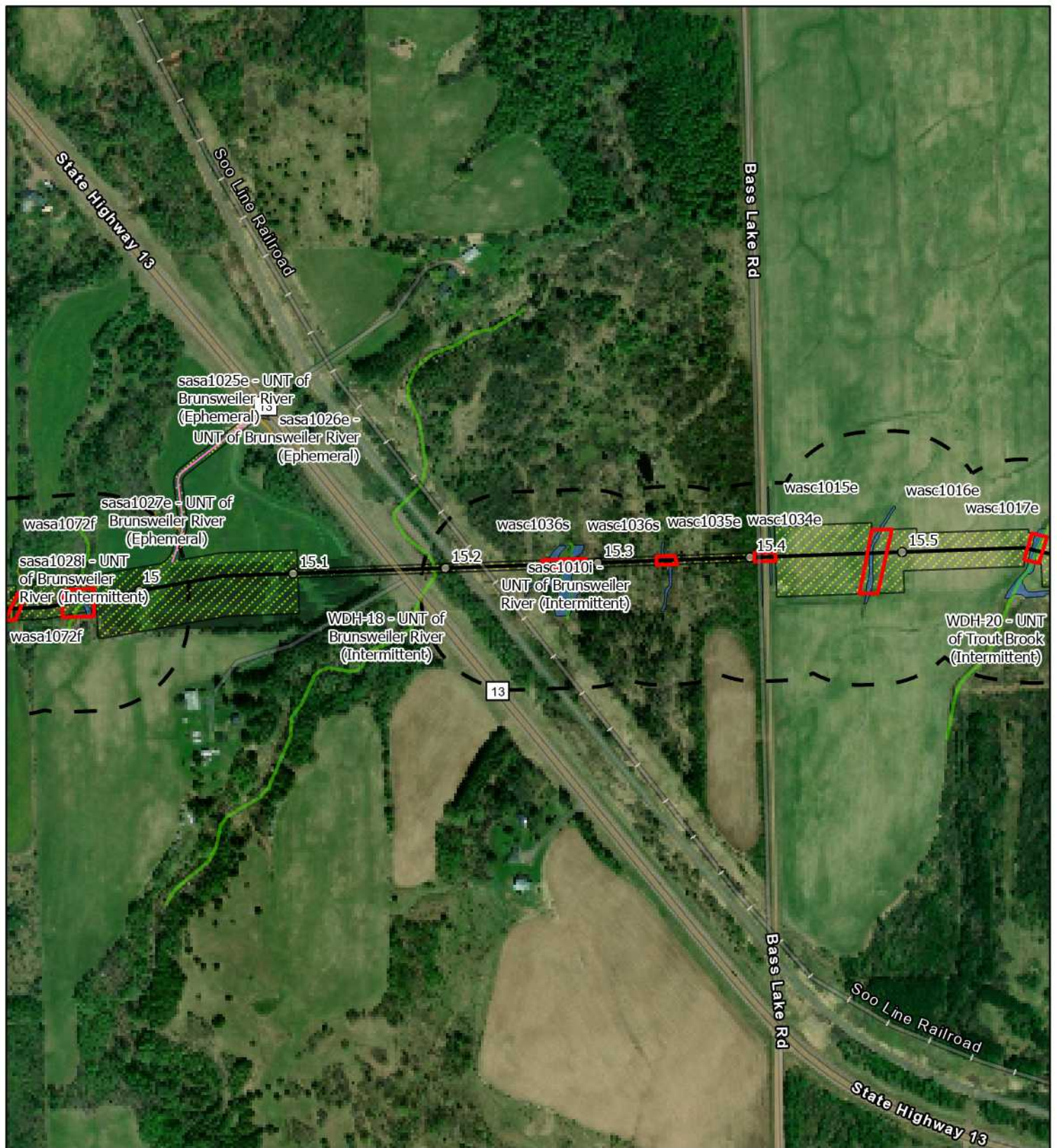


Legend

- Wetlands
- Waterbodies**
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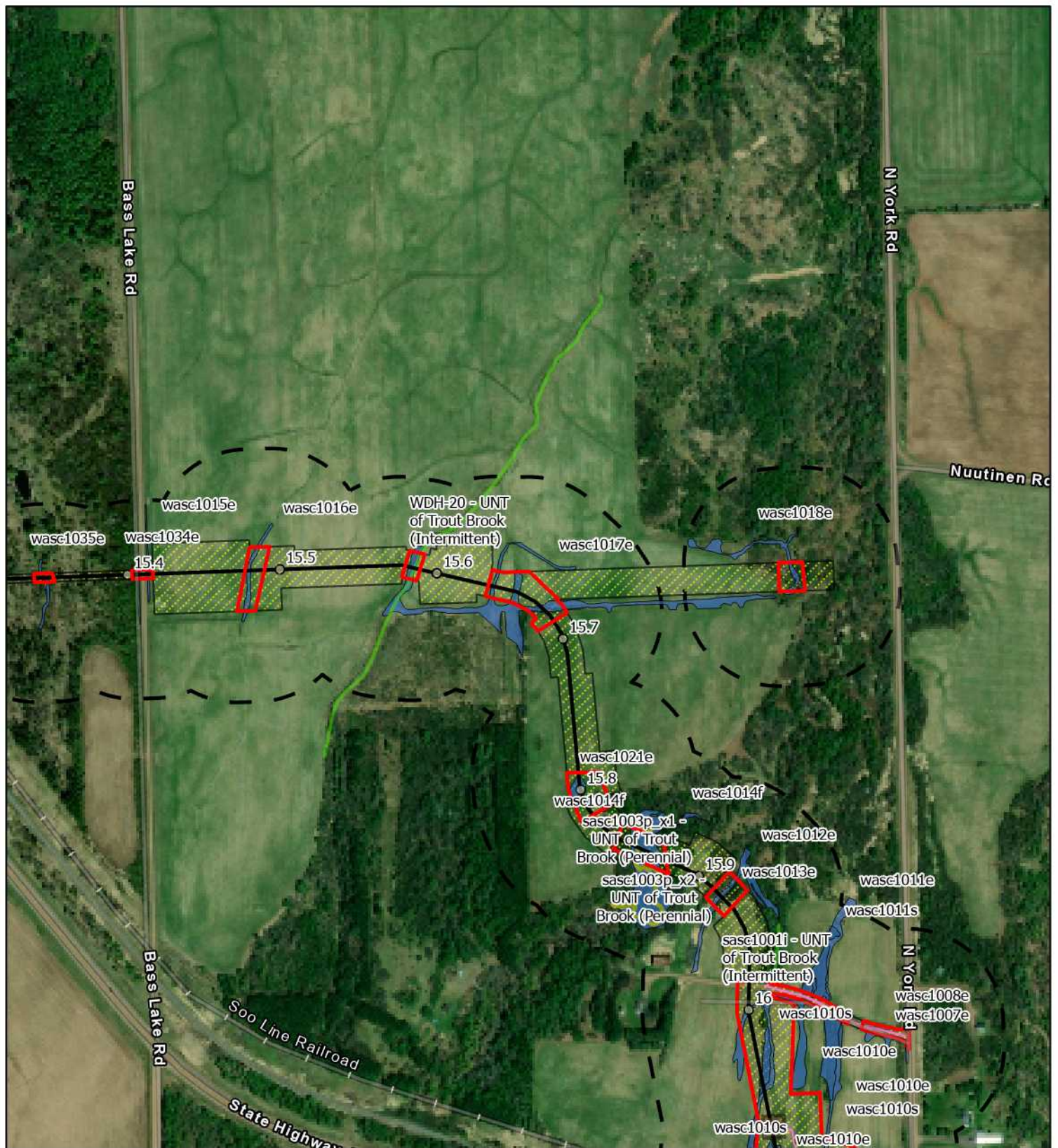


Legend

- Wetlands
- Waterbodies**
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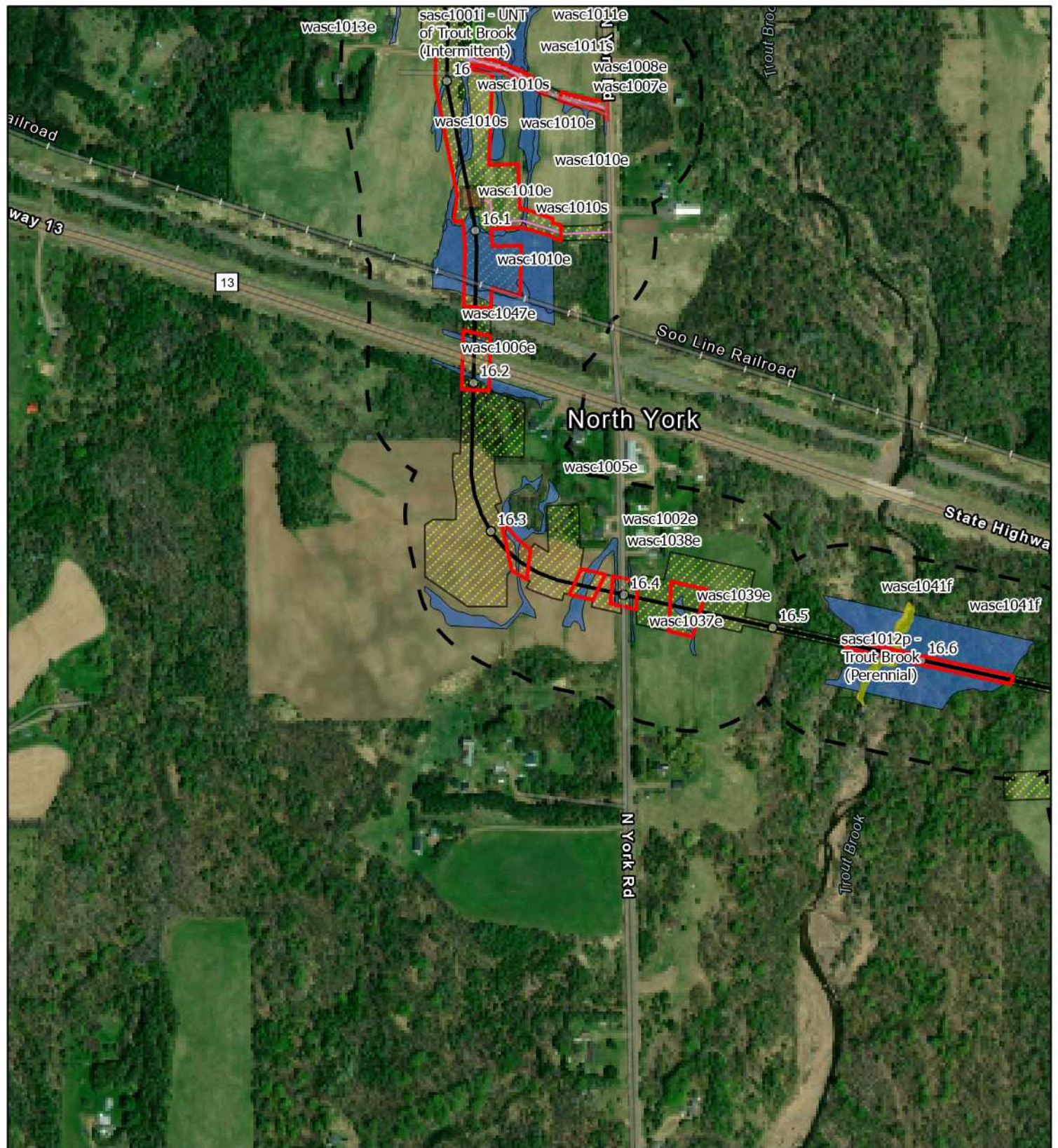


Legend

- Wetlands
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- Access Road Centerlines
- Proposed Mileposts





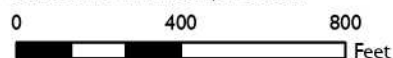
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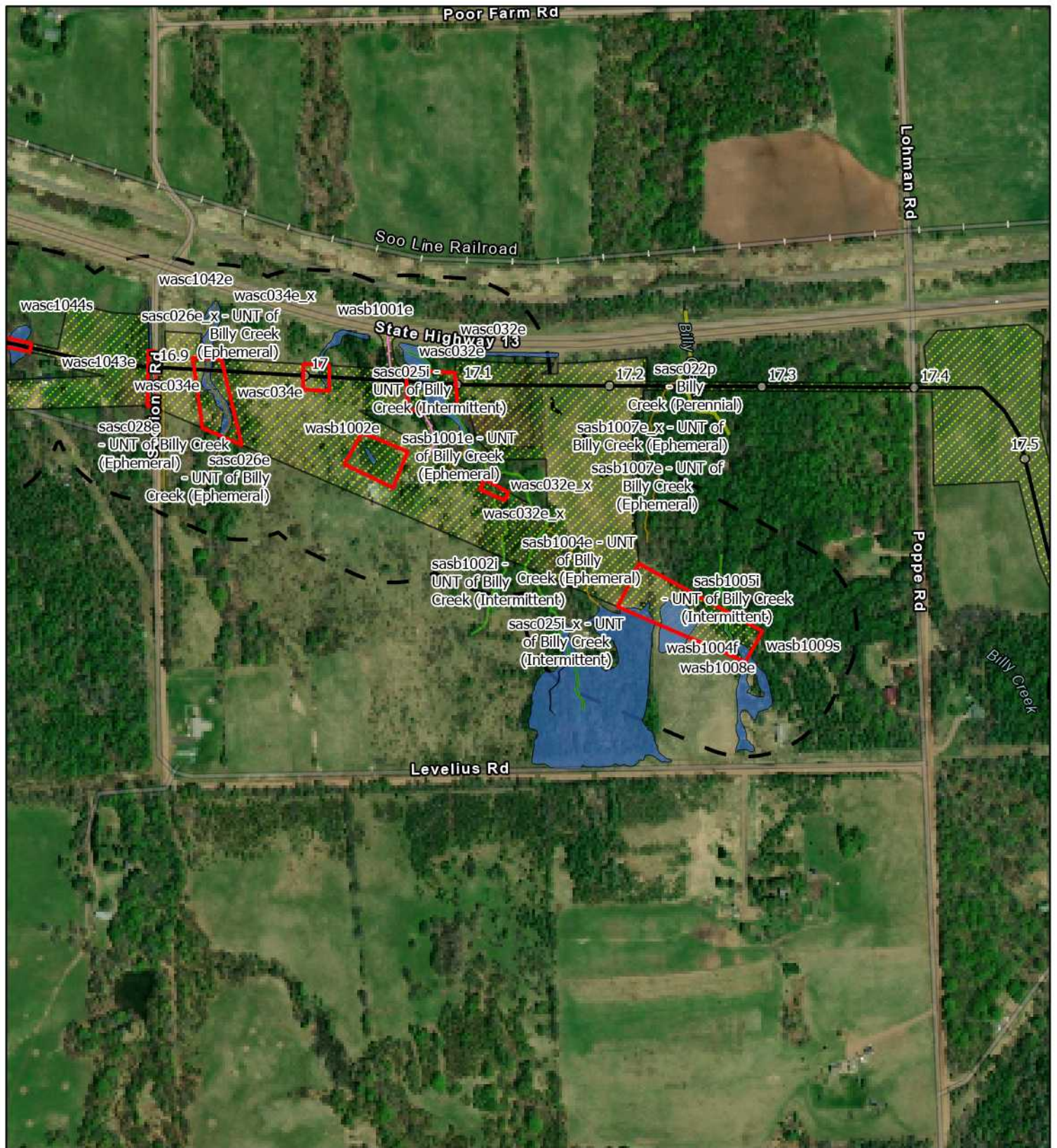
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Legend

-  Wetlands
 Ephemeral
 Intermittent
 Pond
 Perennial
 Limits Of Disturbance
-  USACE Permit Area
 Area of Potential Effect
 Valve Site
 Mileposts
 Line 5 Centerline
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Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
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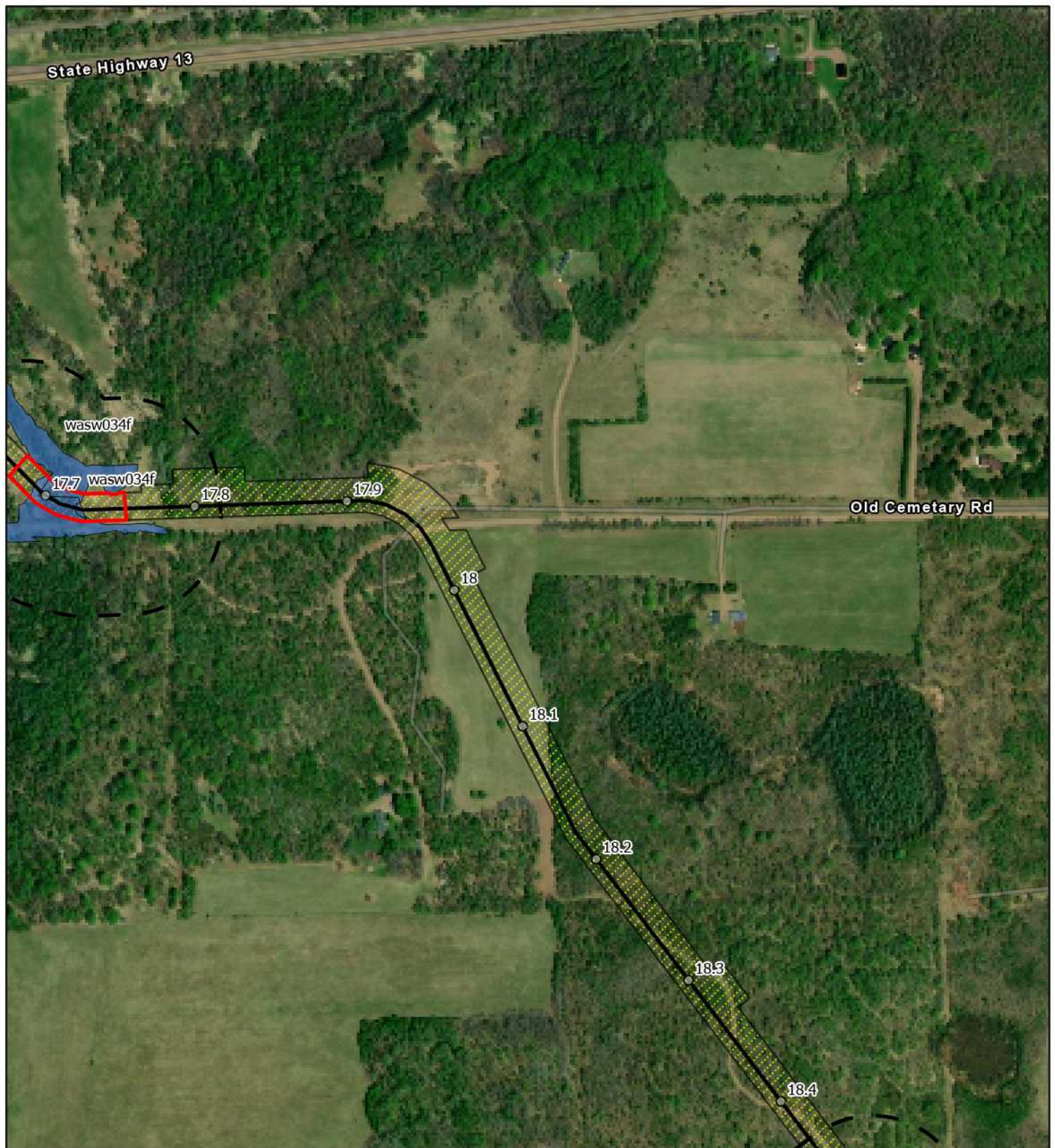


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

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- Area of Potential Effect
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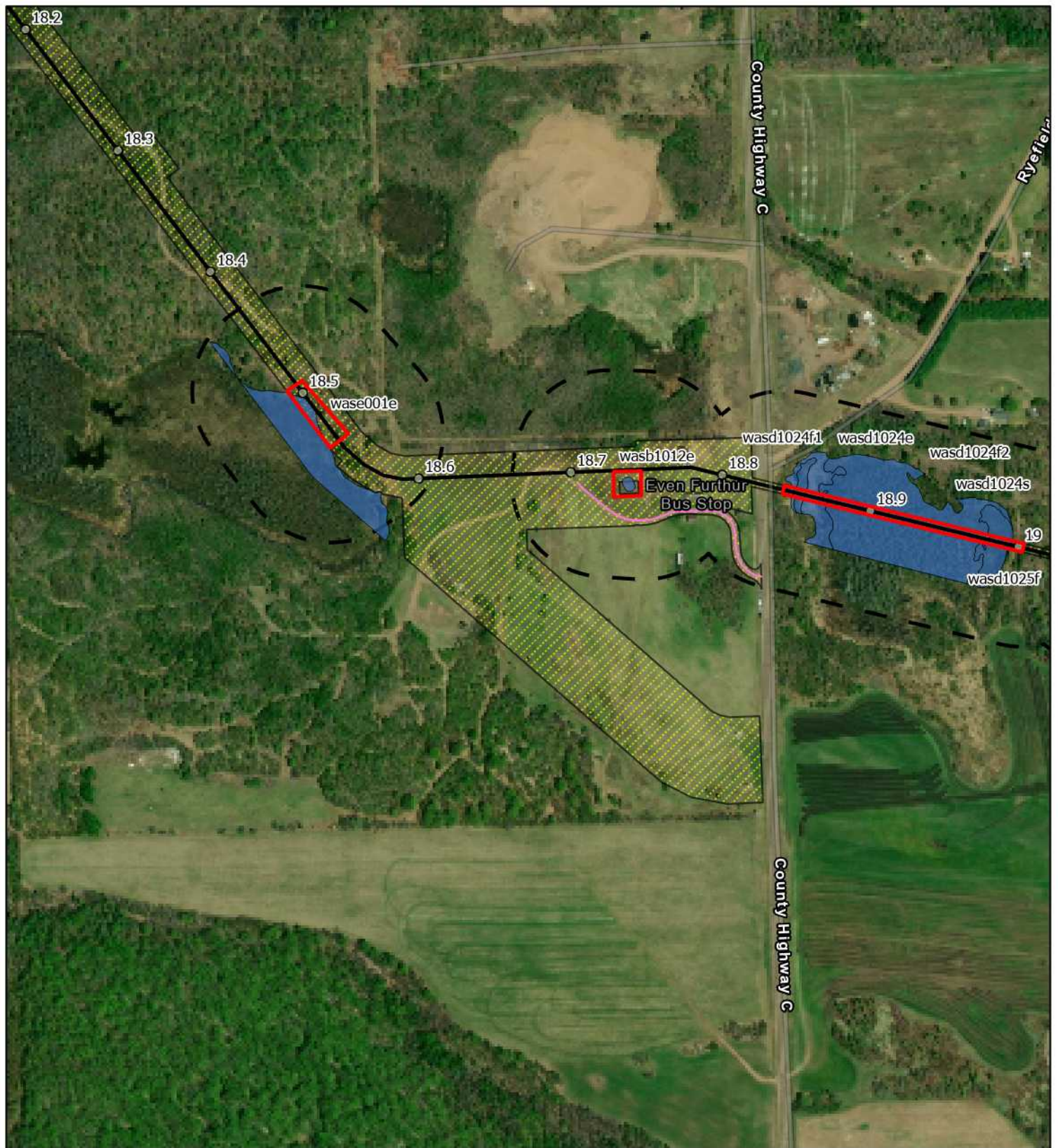


Legend

- Wetlands
- Waterbodies
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

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- Area of Potential Effect
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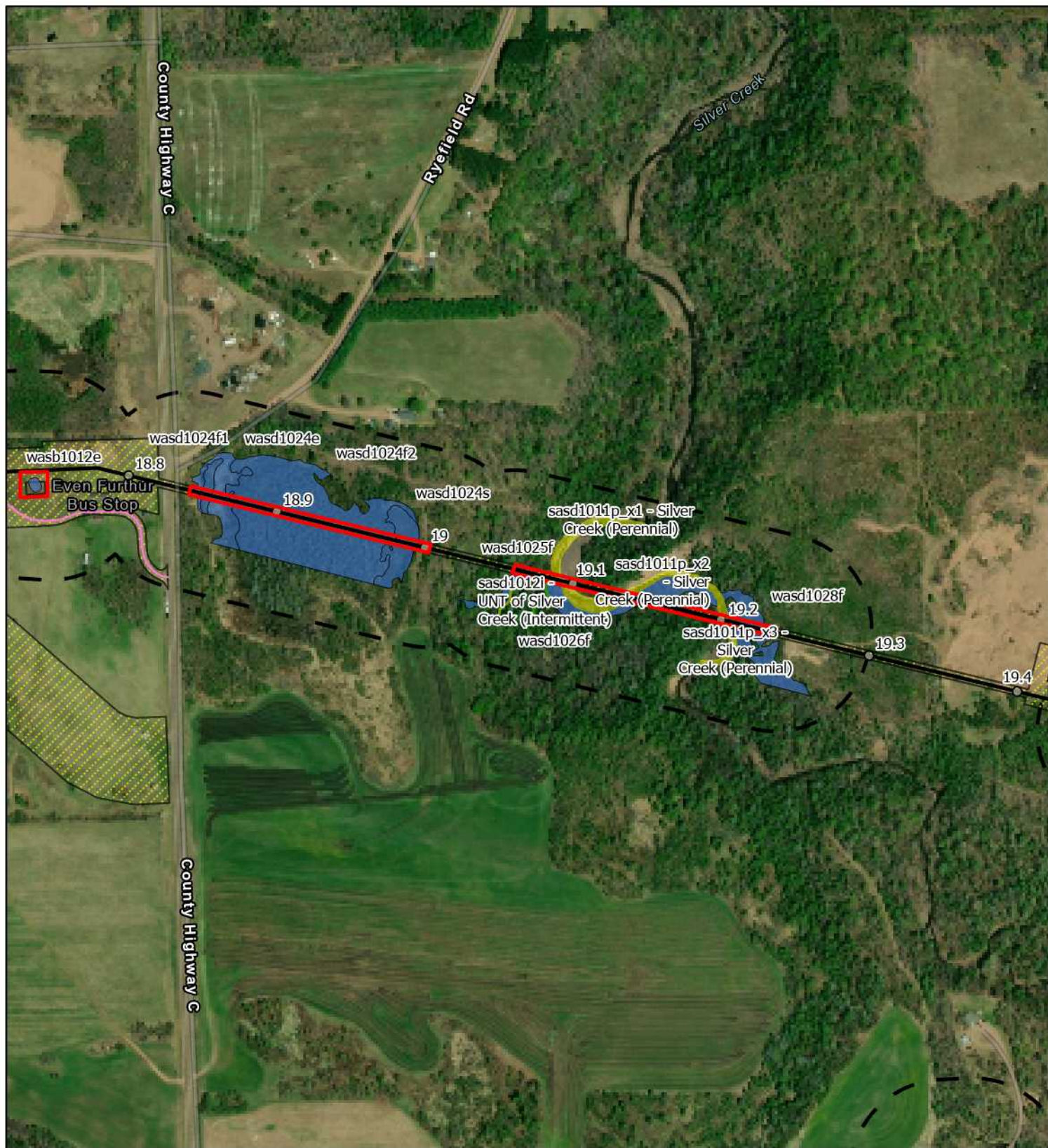


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
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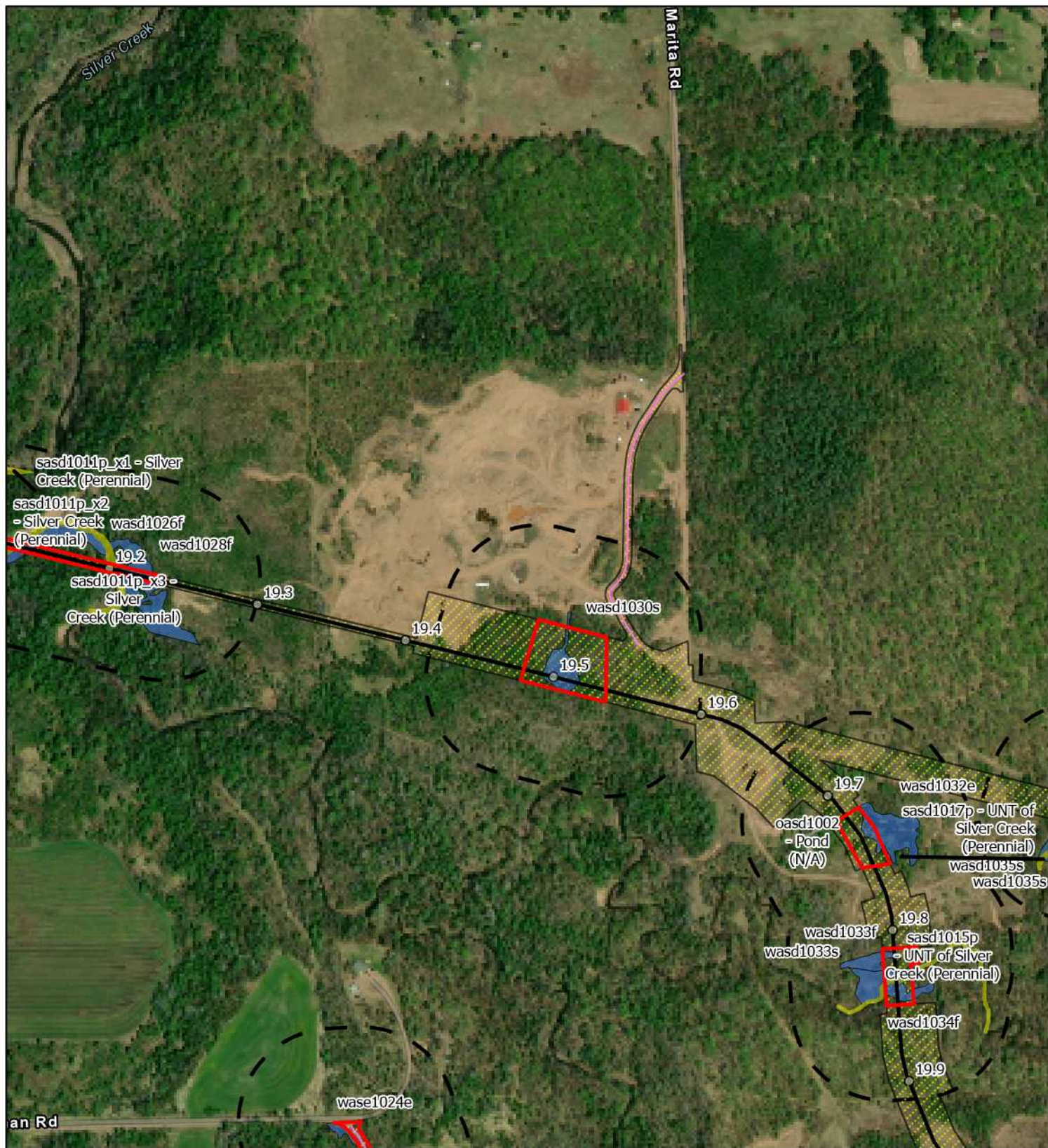


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

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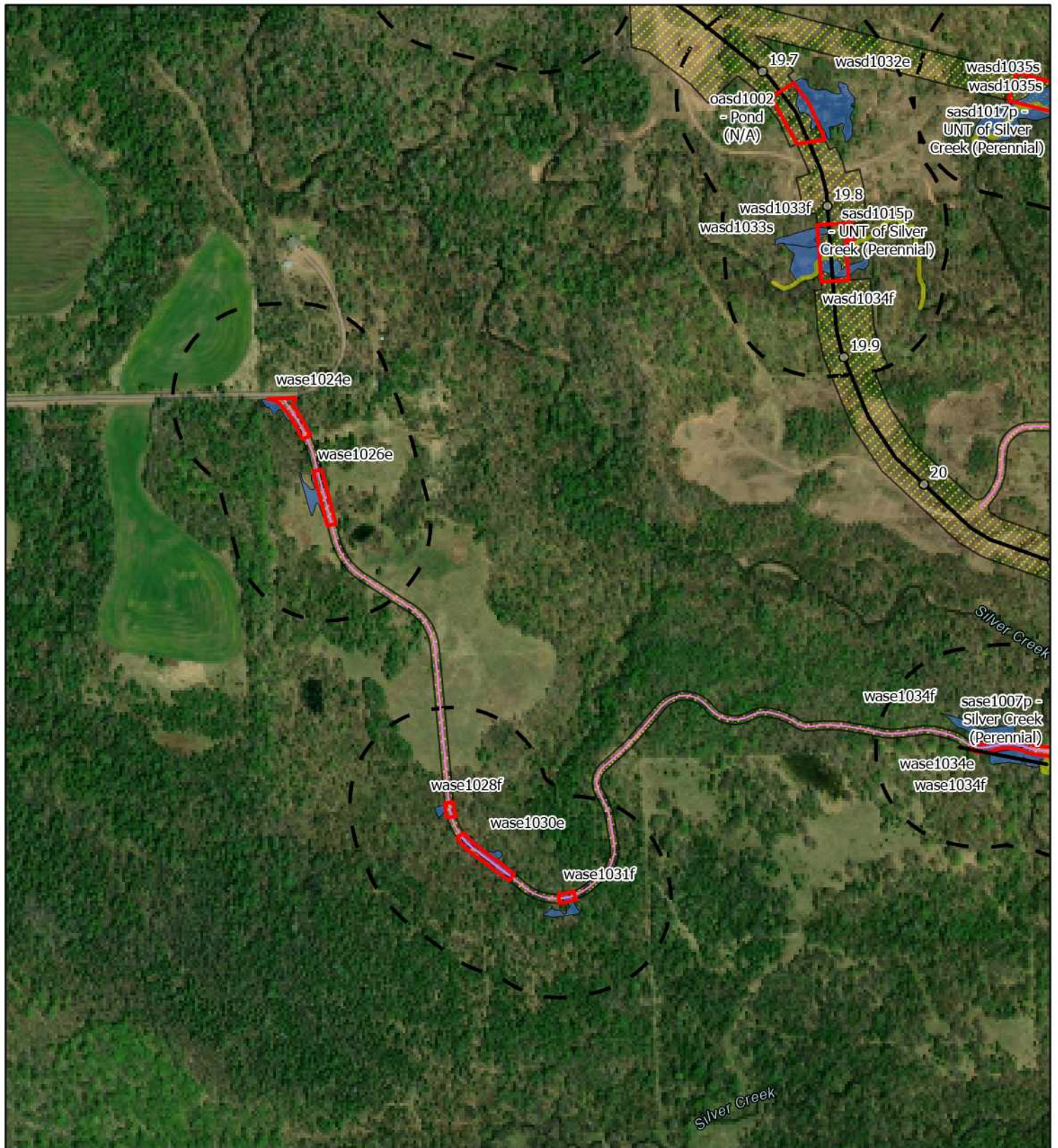


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
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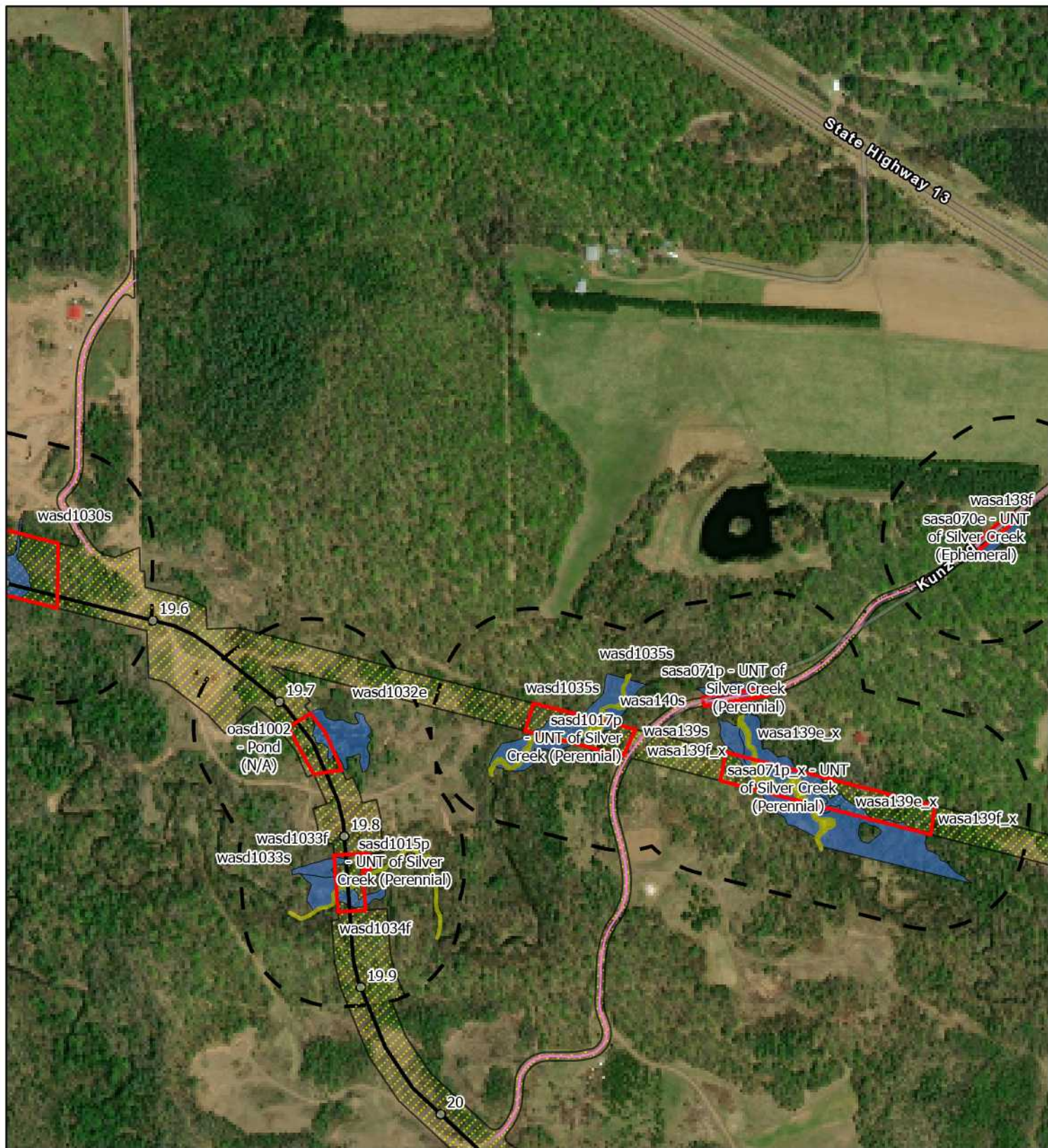


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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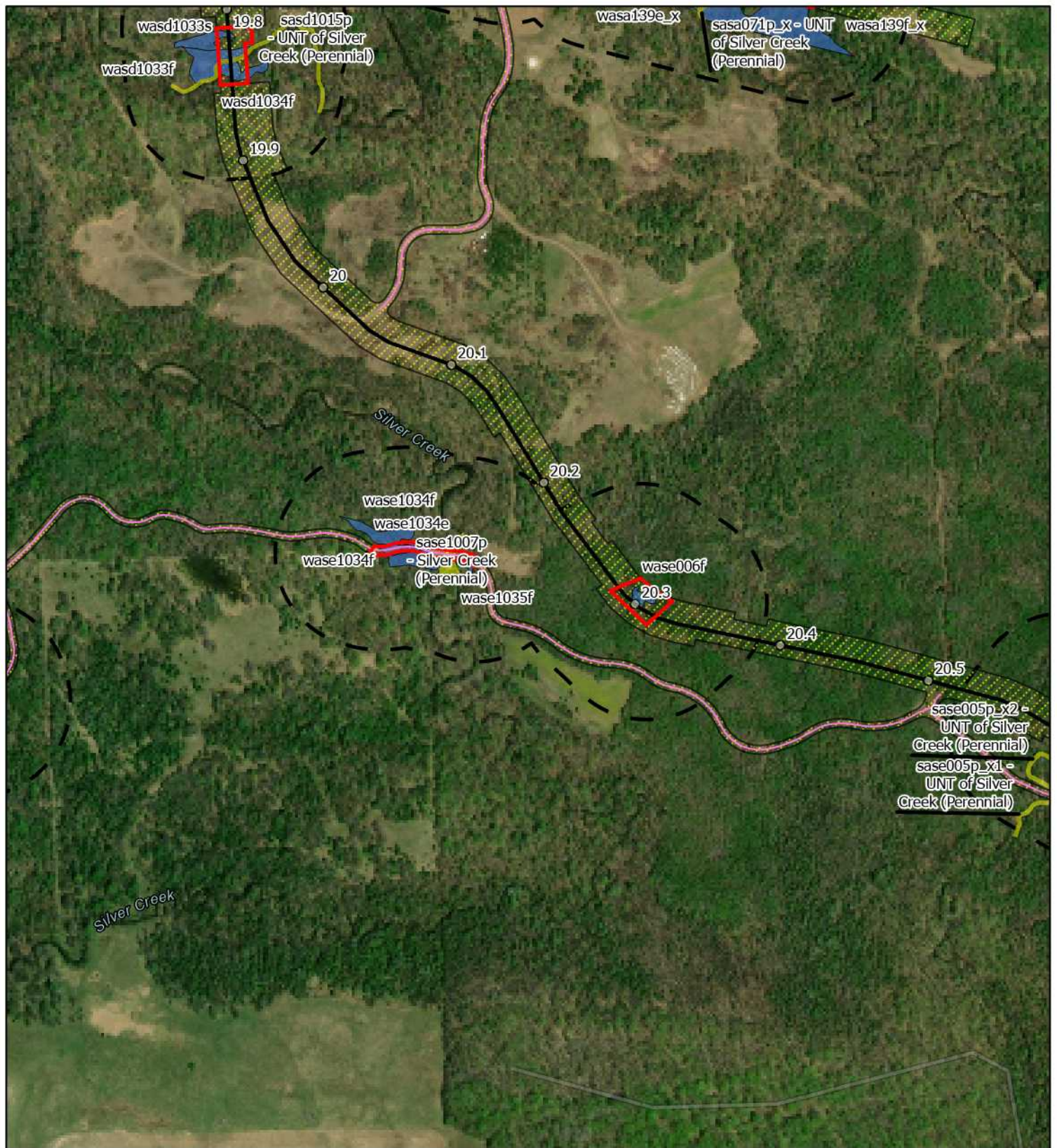


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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- USACE Permit Area
- Area of Potential Effect
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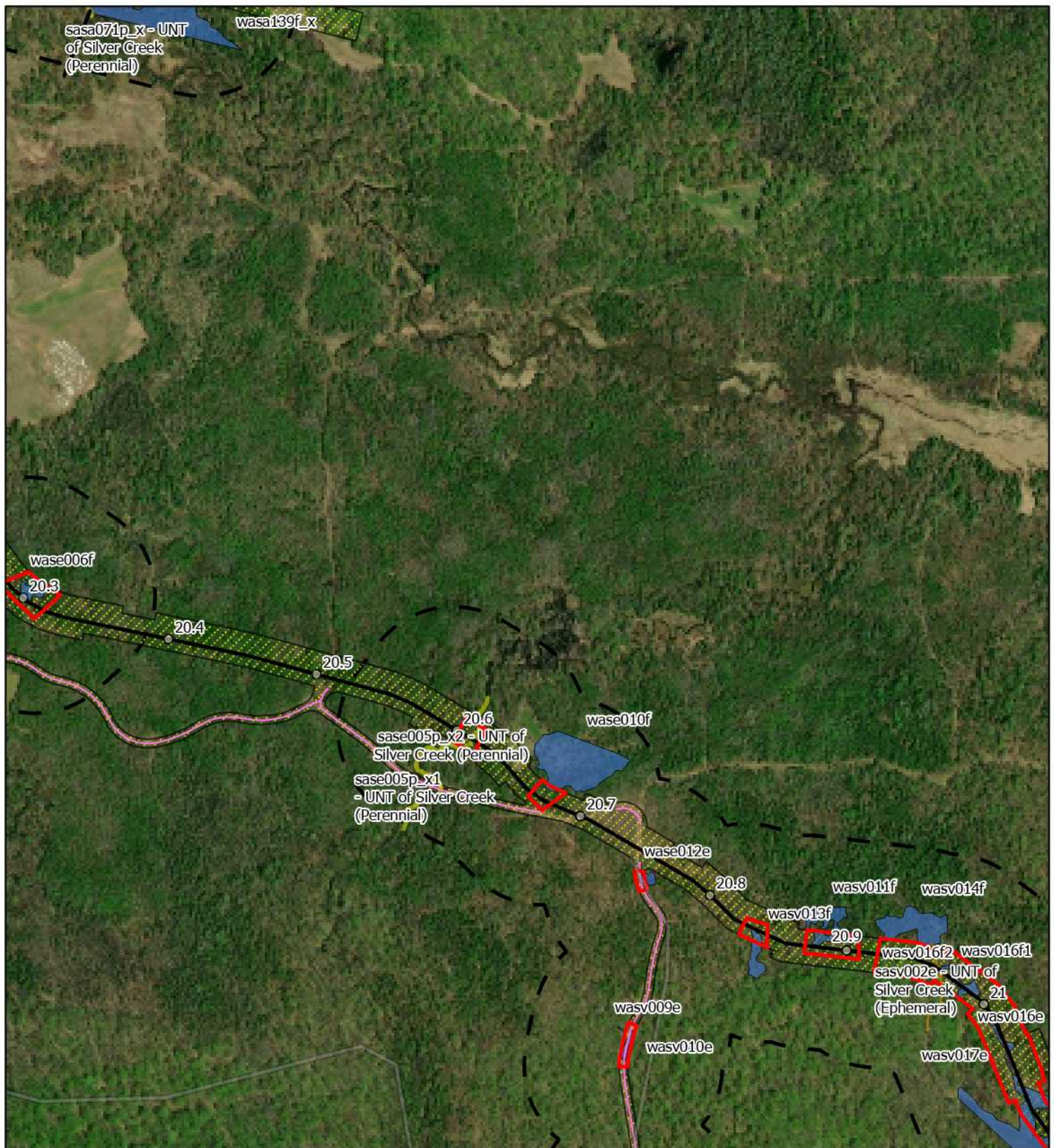
Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
- Proposed Mileposts





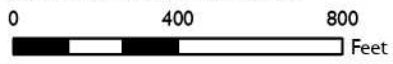


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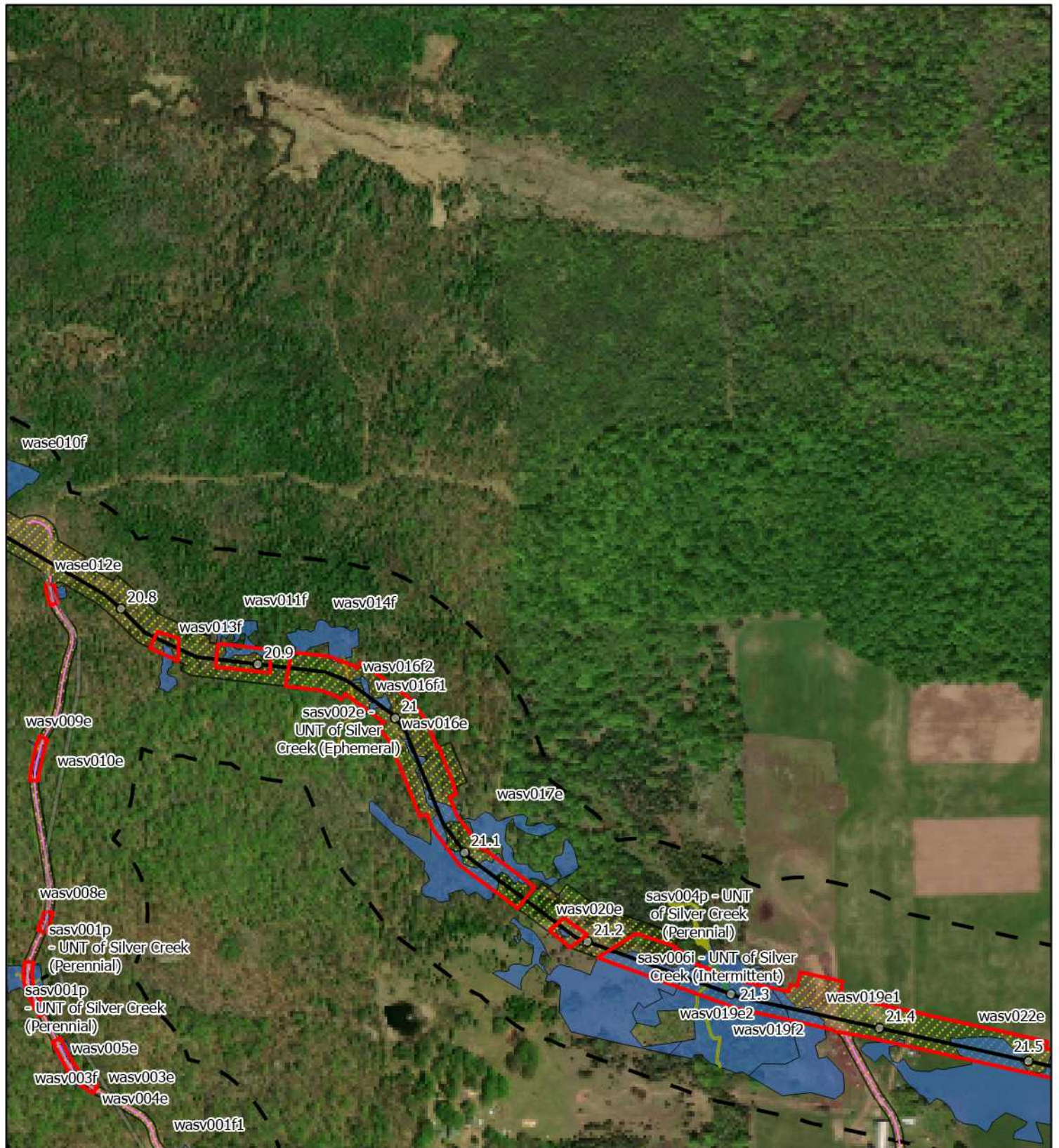
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Legend

-  Wetlands
- Waterbodies**
 -  Ephemeral
 -  Intermittent
 -  Pond
 -  Perennial
 -  Limits Of Disturbance
-  USACE Permit Area
-  Area of Potential Effect
-  Valve Site
-  Mileposts
-  Line 5 Centerline
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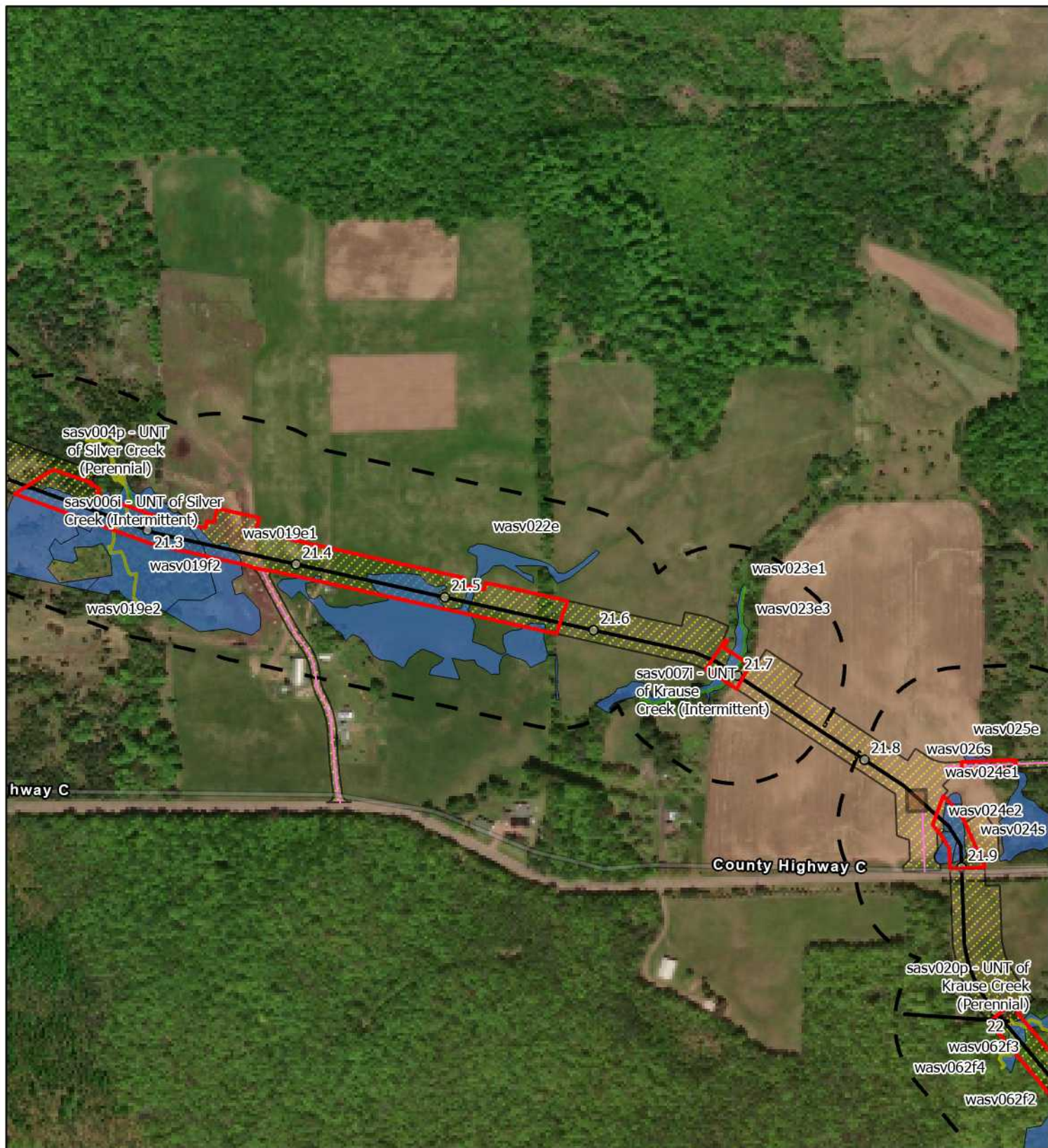


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
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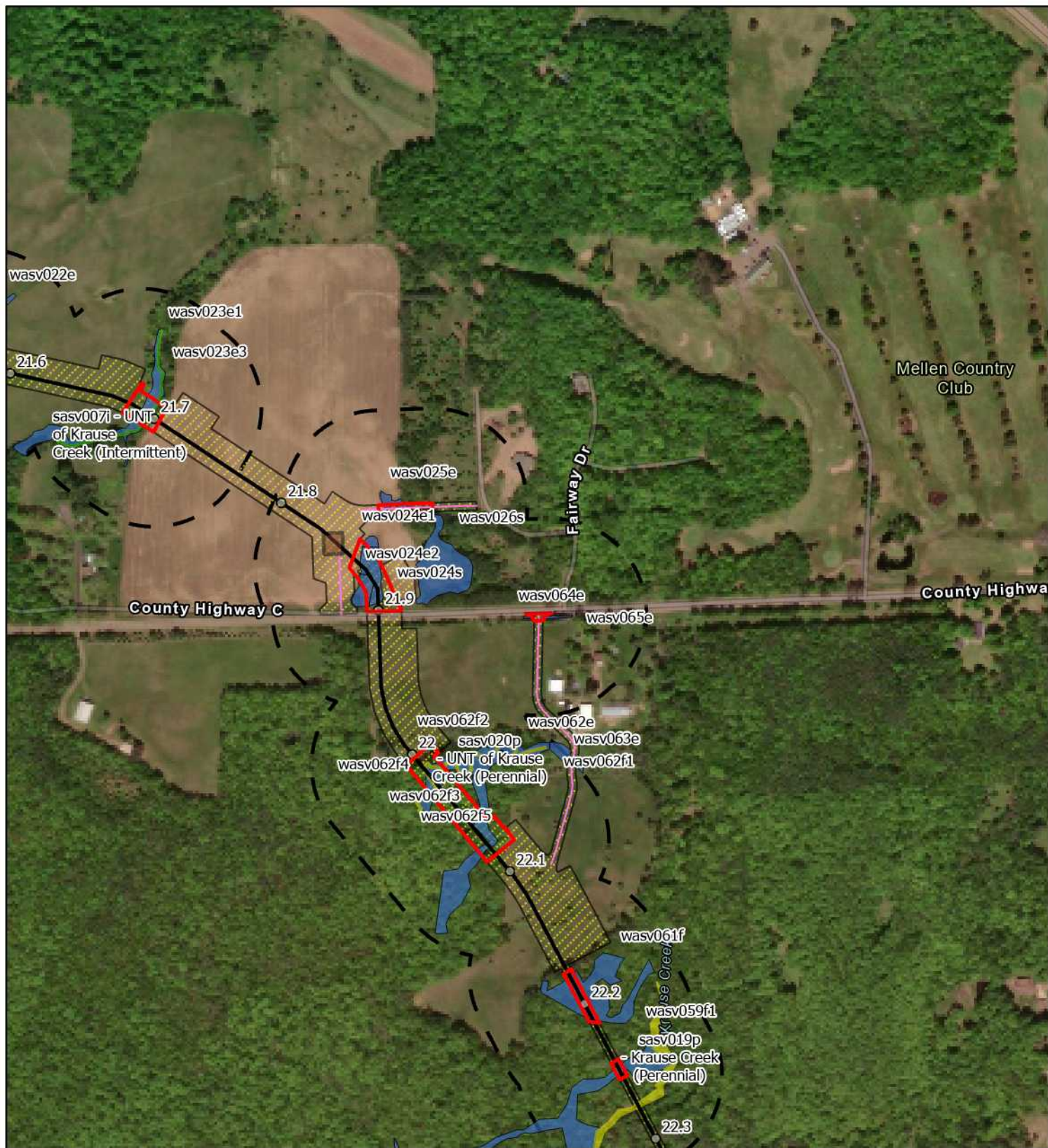


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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- USACE Permit Area
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Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

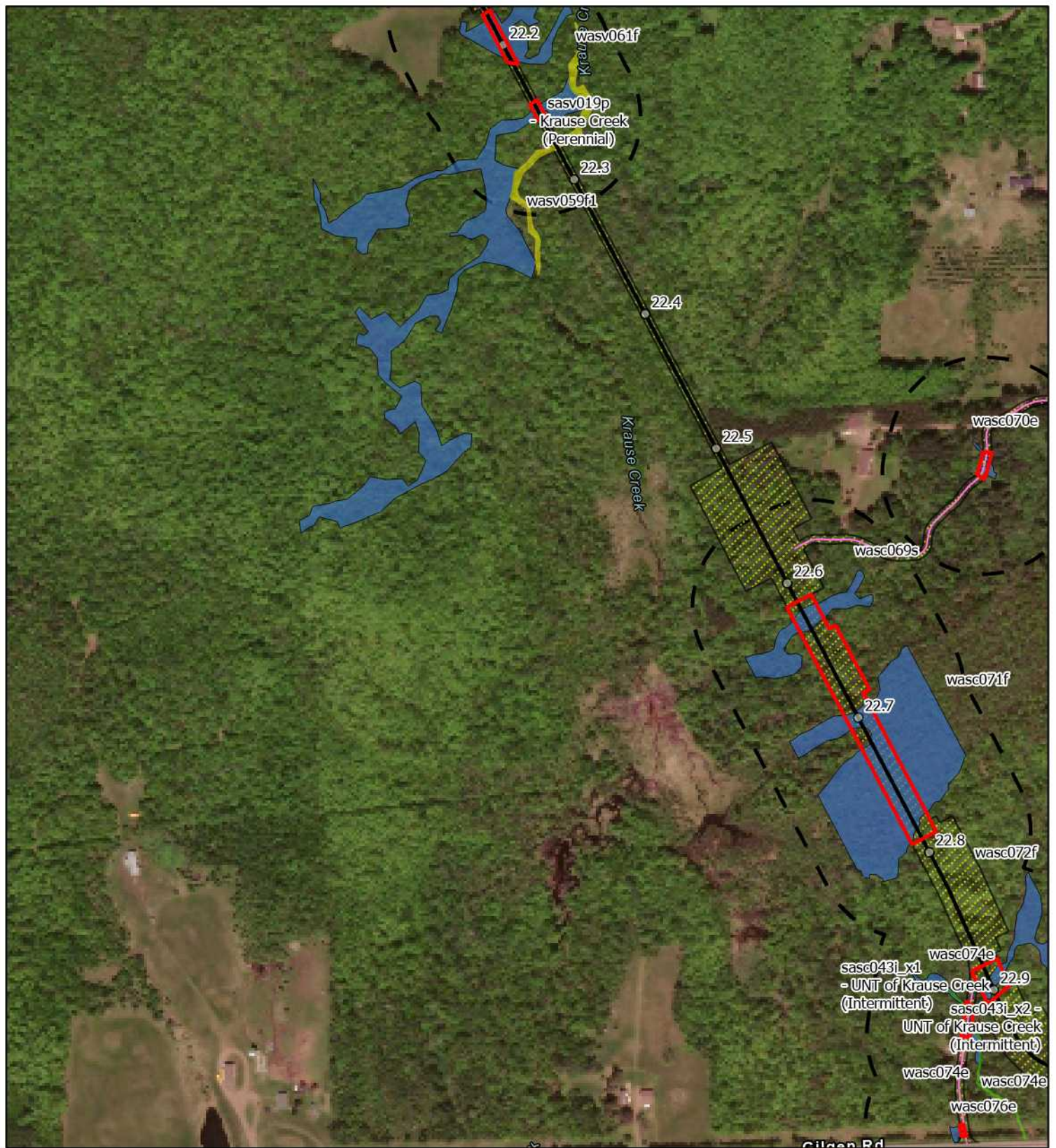
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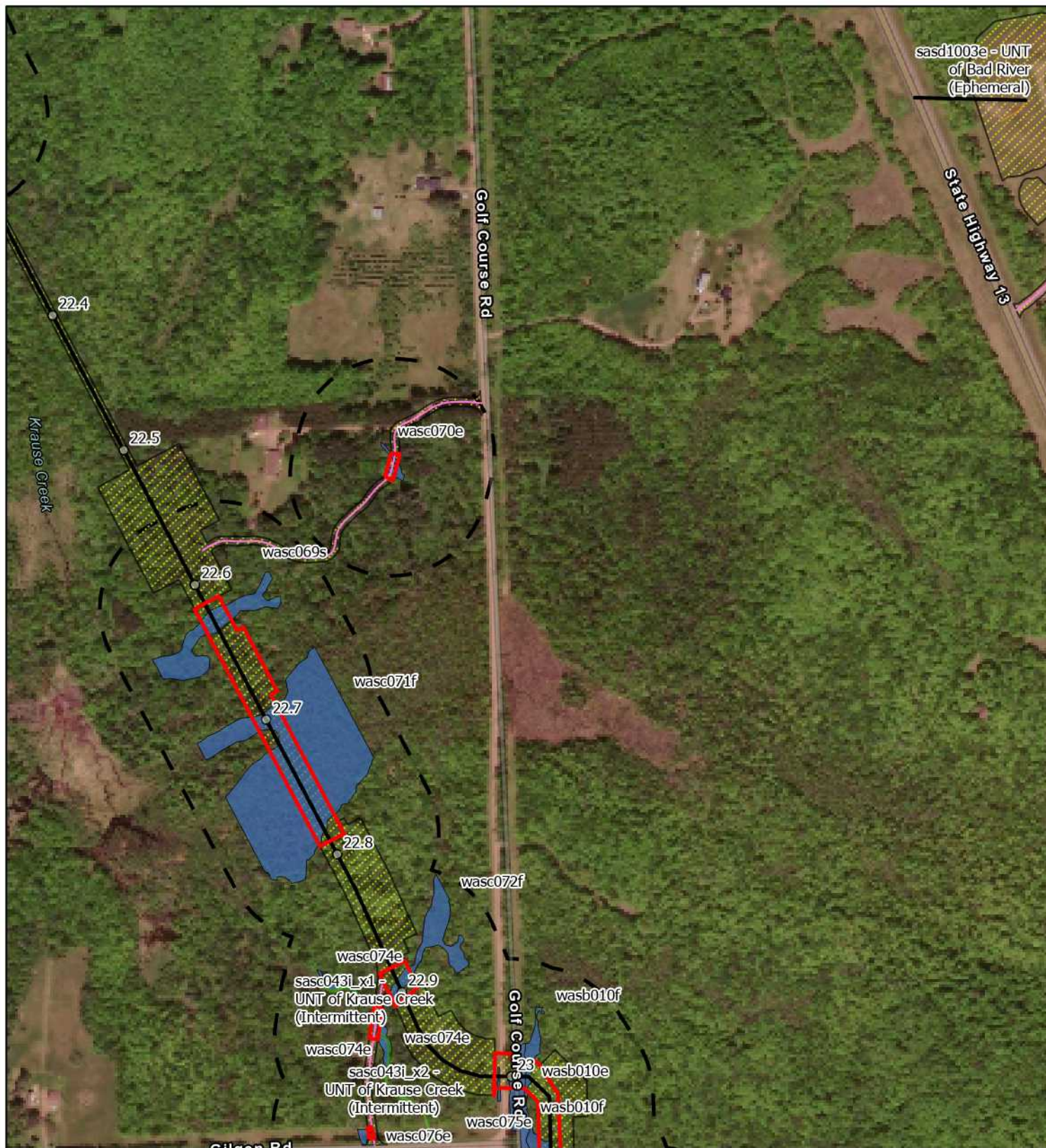


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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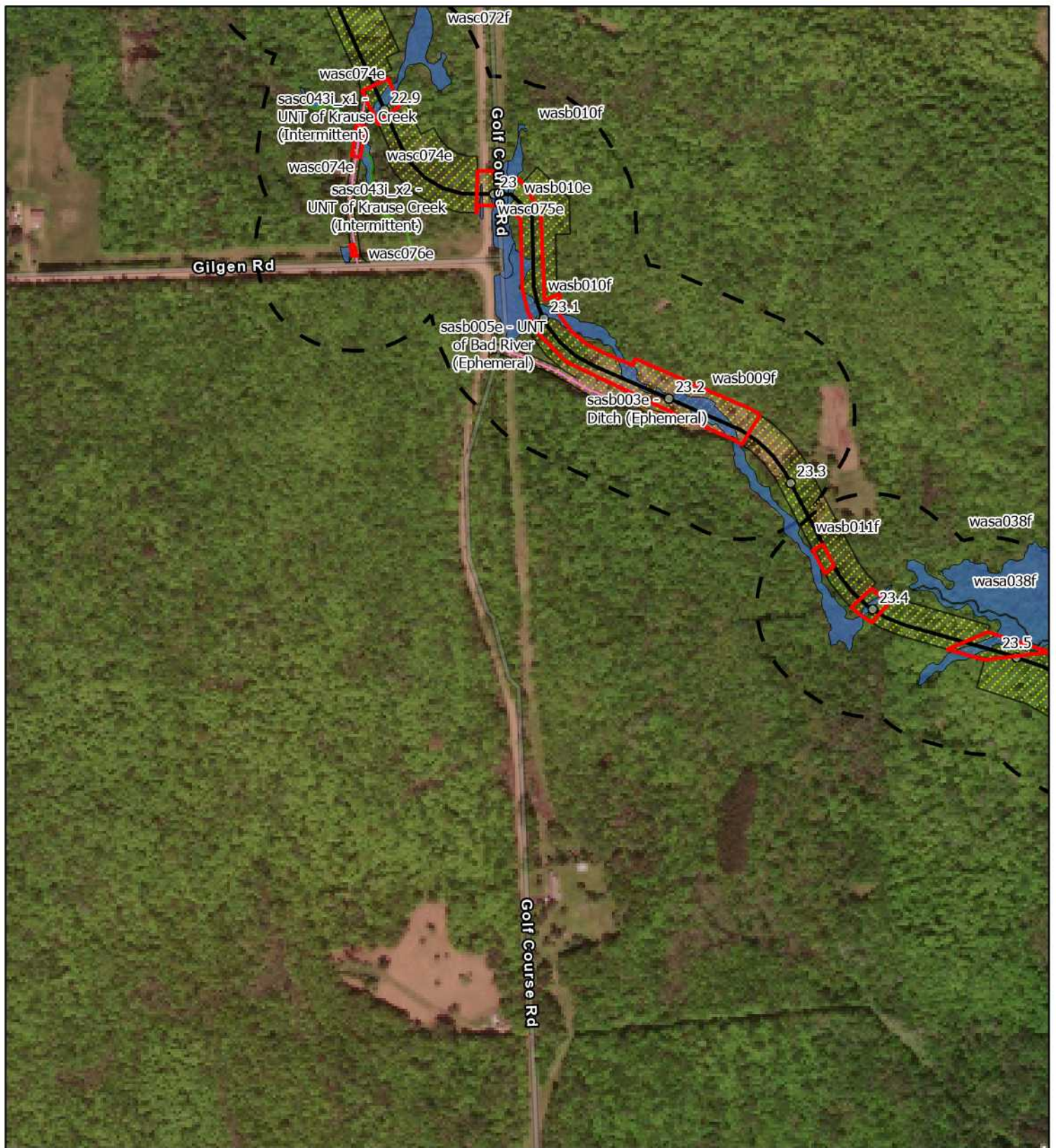


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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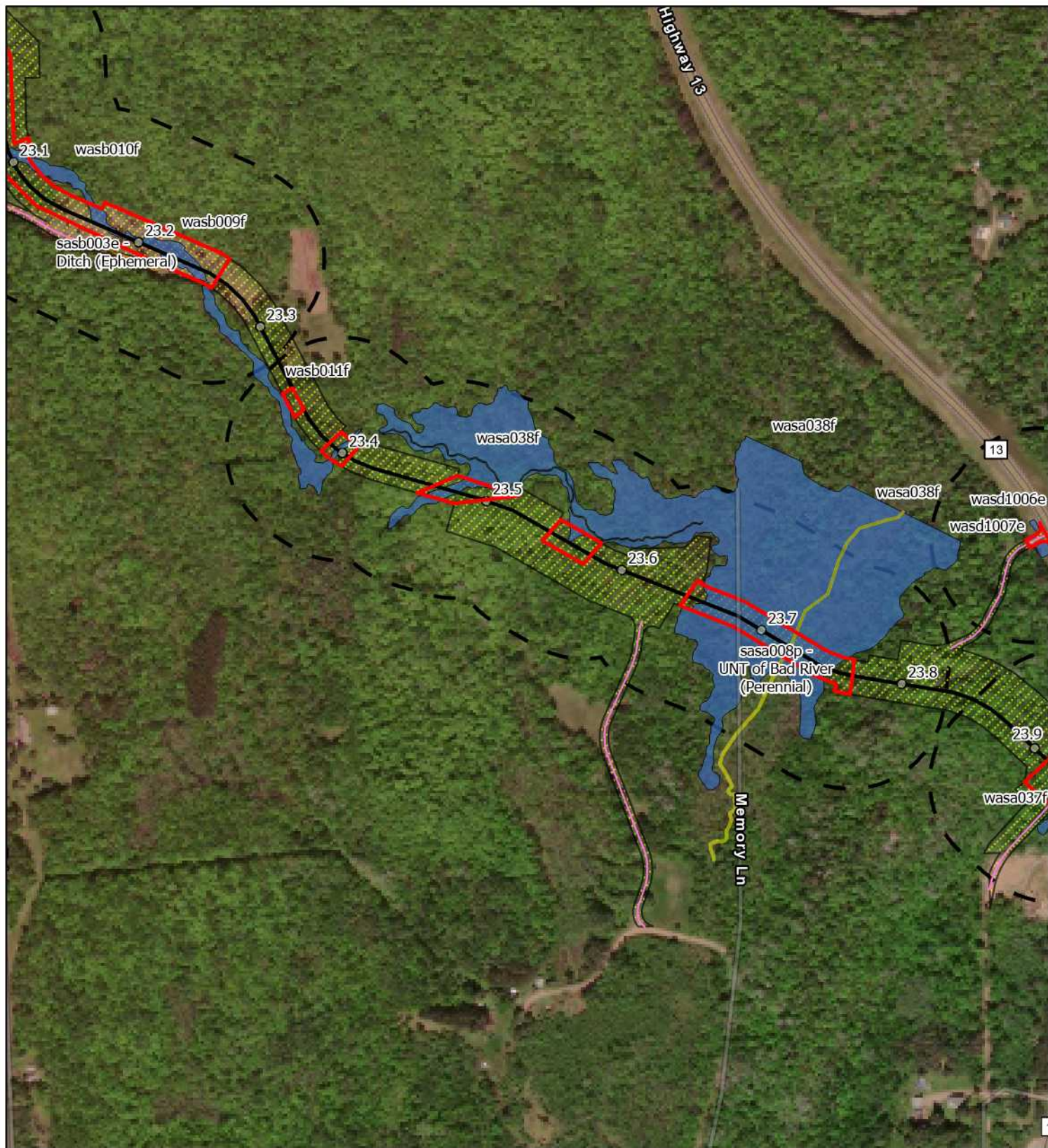


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
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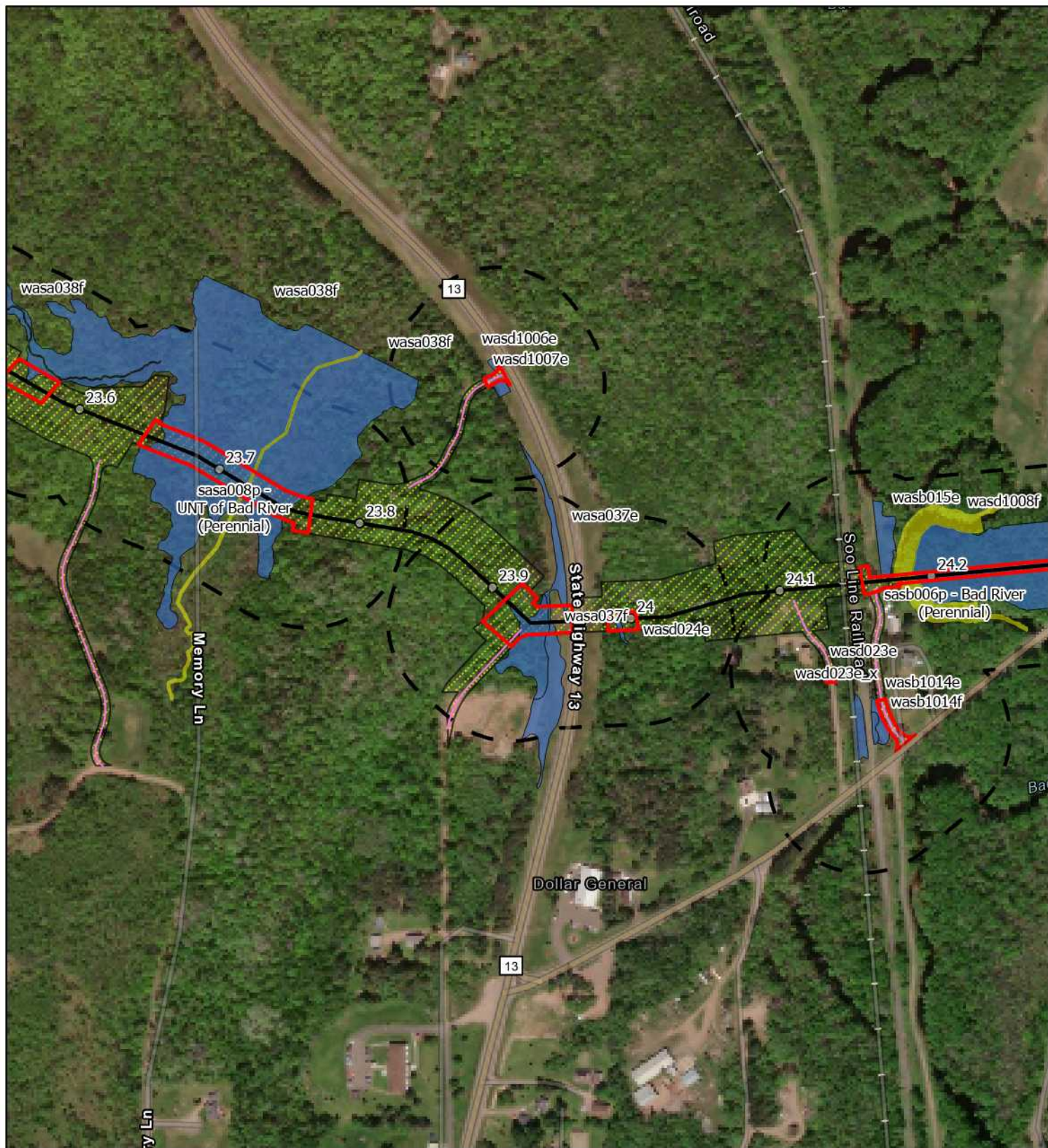


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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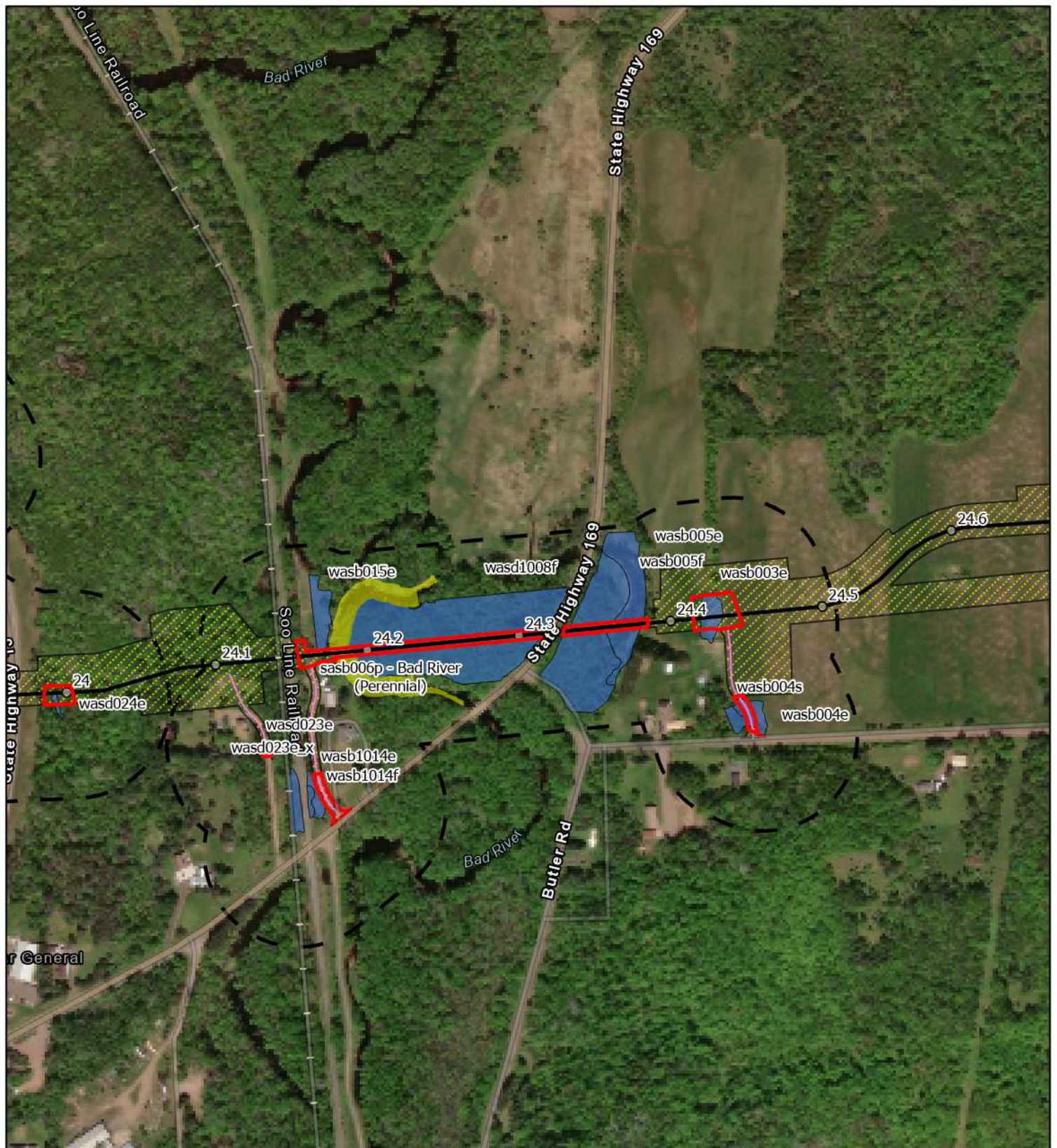


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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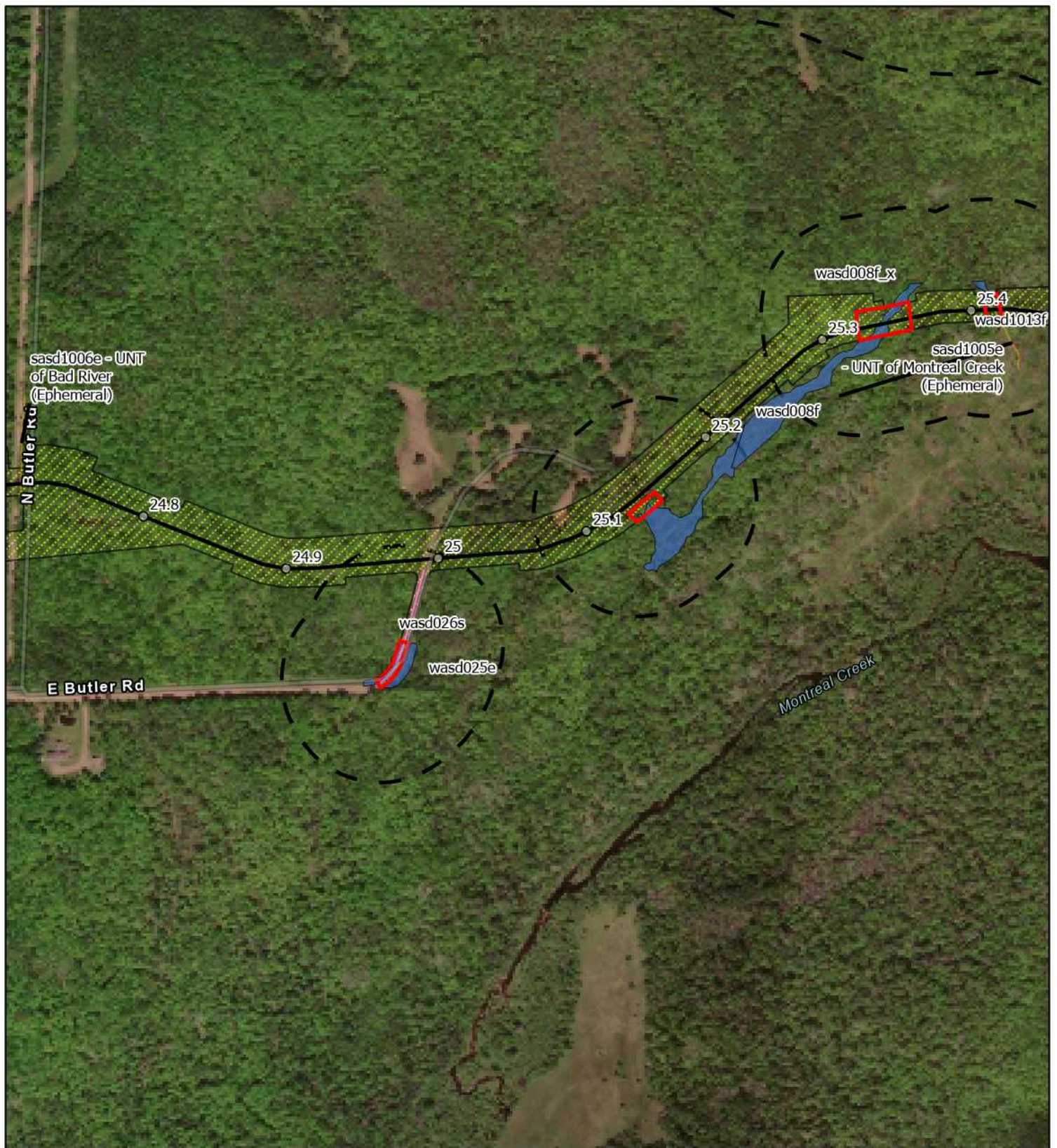
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Legend

- Wetlands
- Ephemeral
- Intermittent
- Pond
- Perennial
- Limits Of Disturbance
- USACE Permit Area
- Area of Potential Effect
- Valve Site
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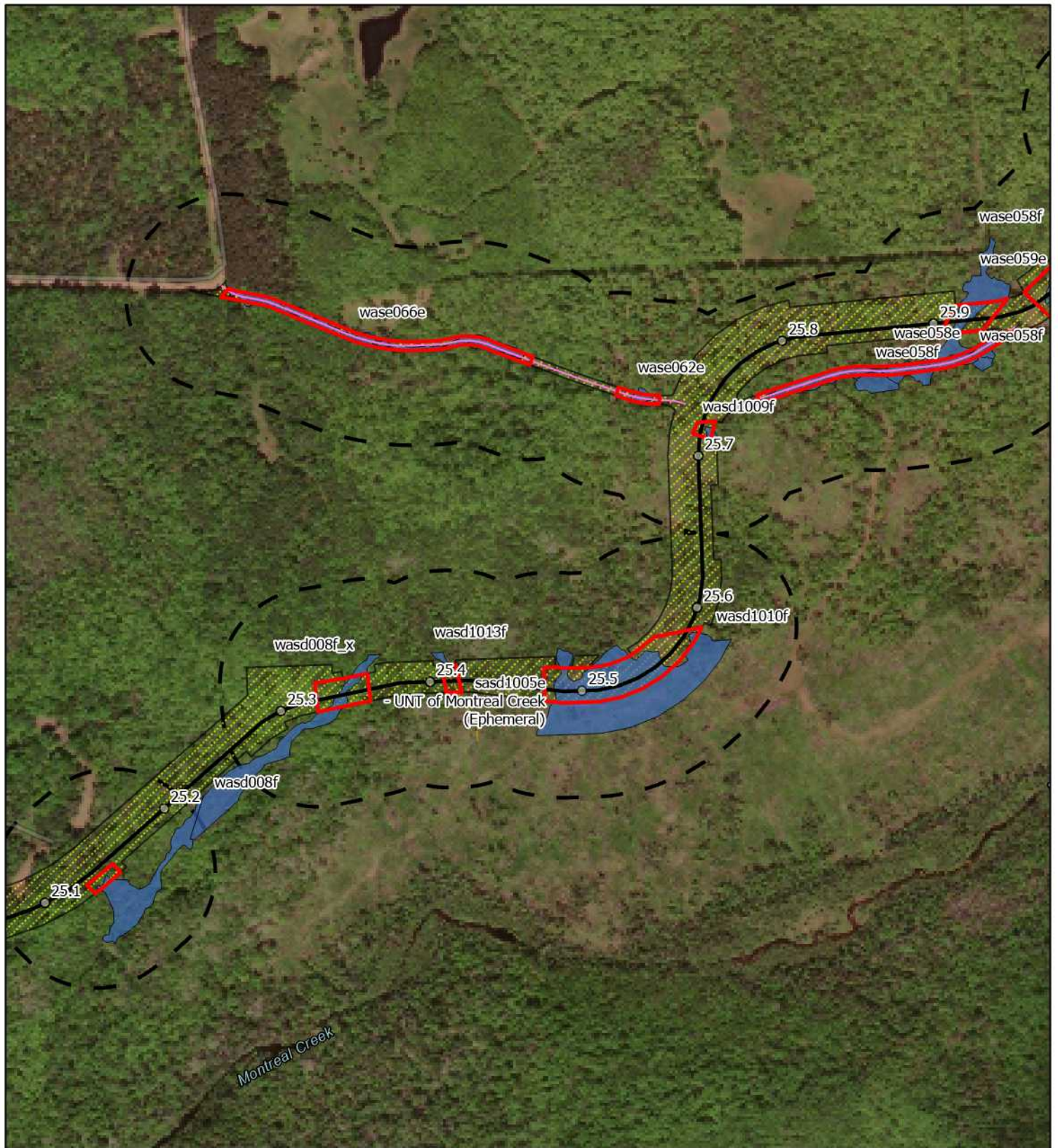


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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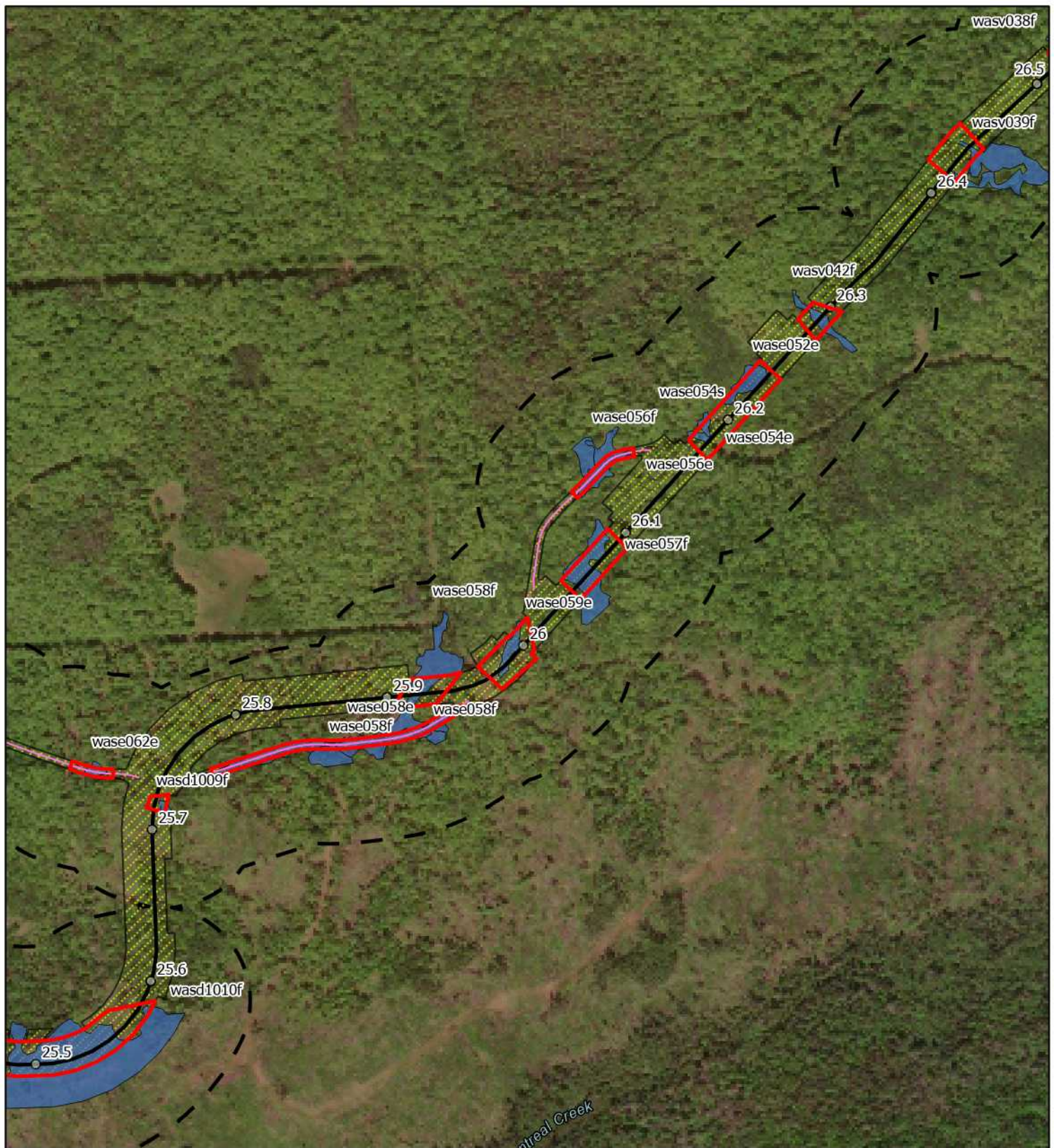


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

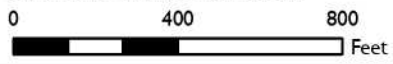
- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
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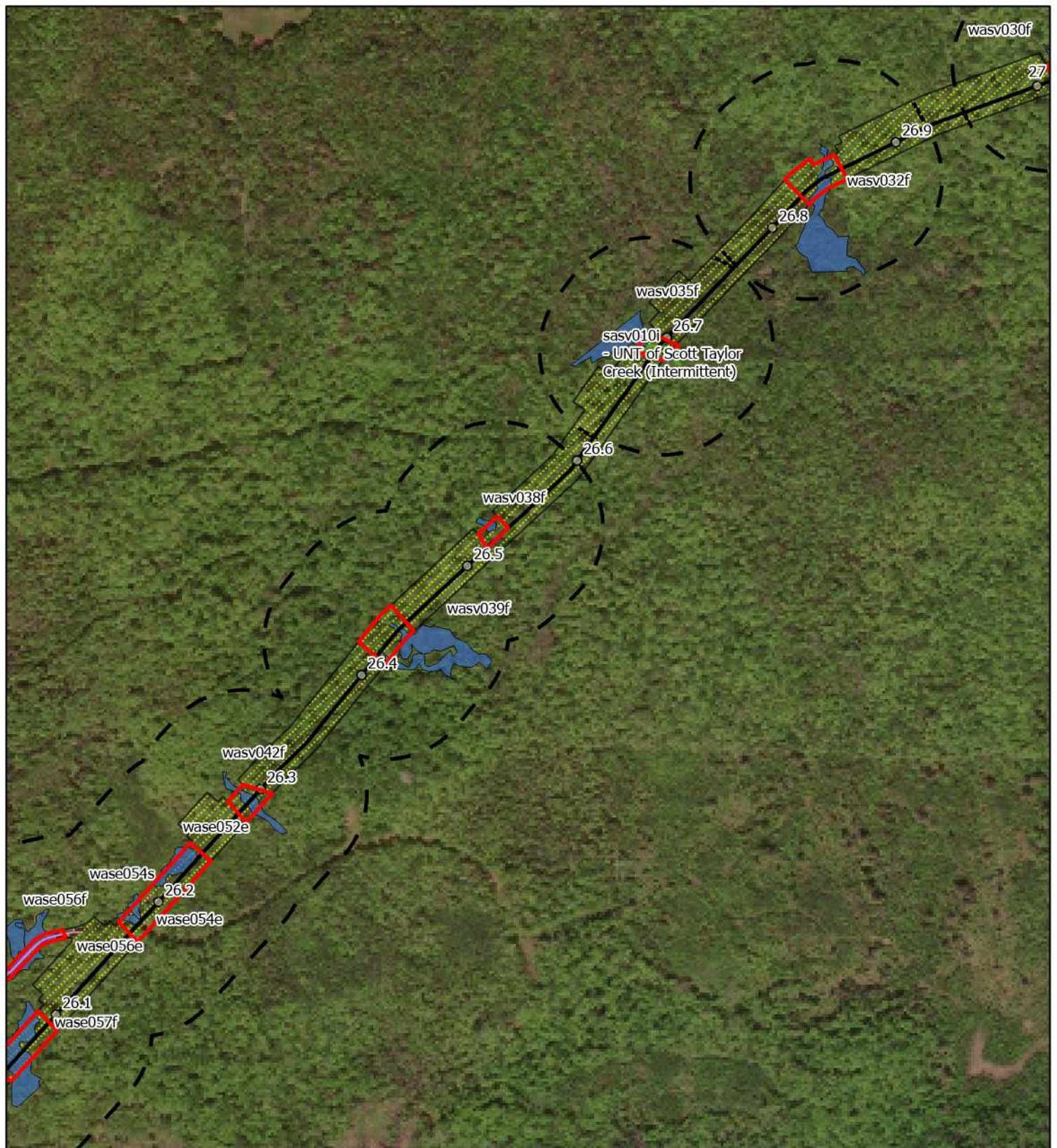
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Legend

- Wetlands
- Waterbodies**
- Ephemeral
- Intermittent
- Pond
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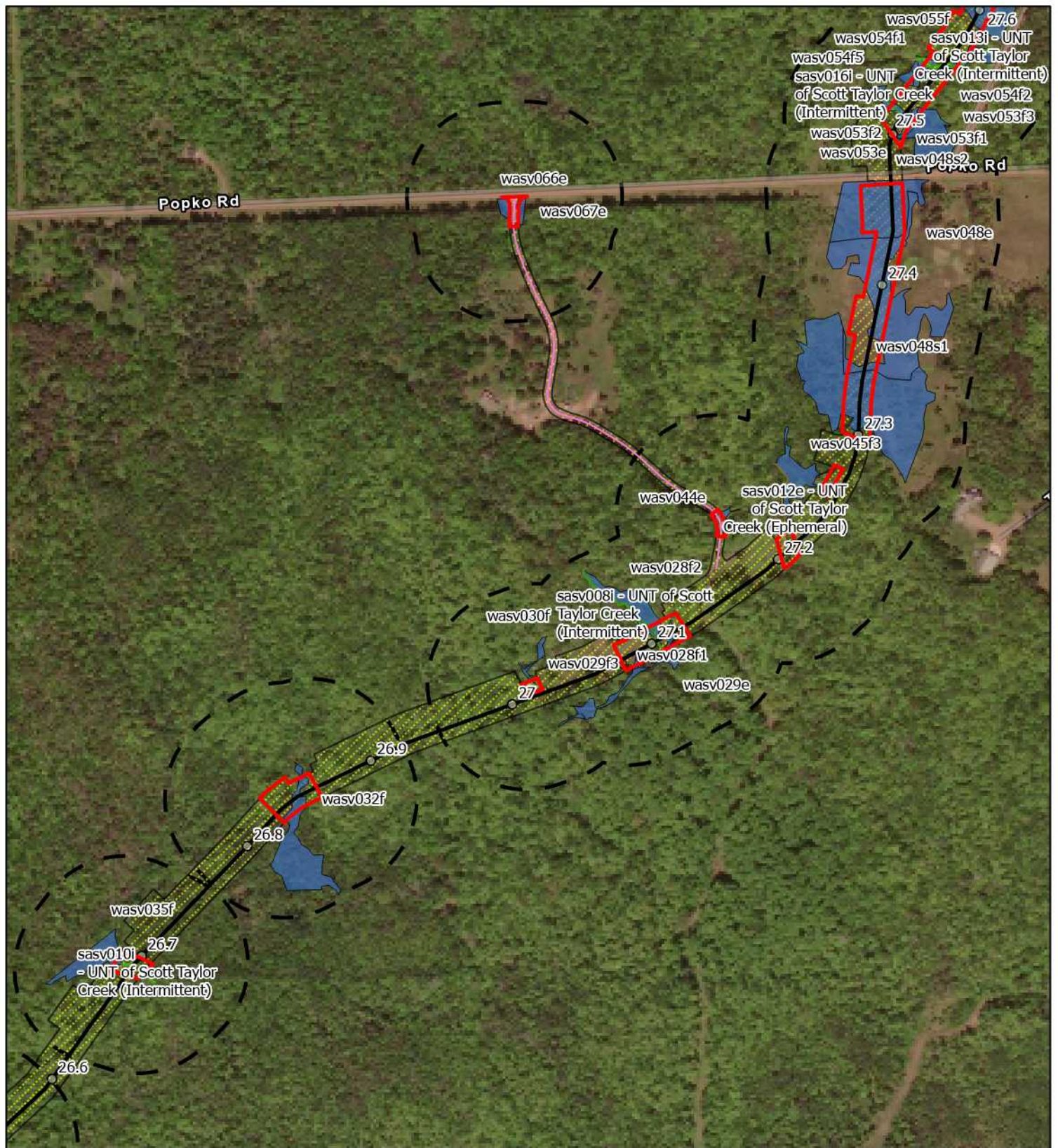


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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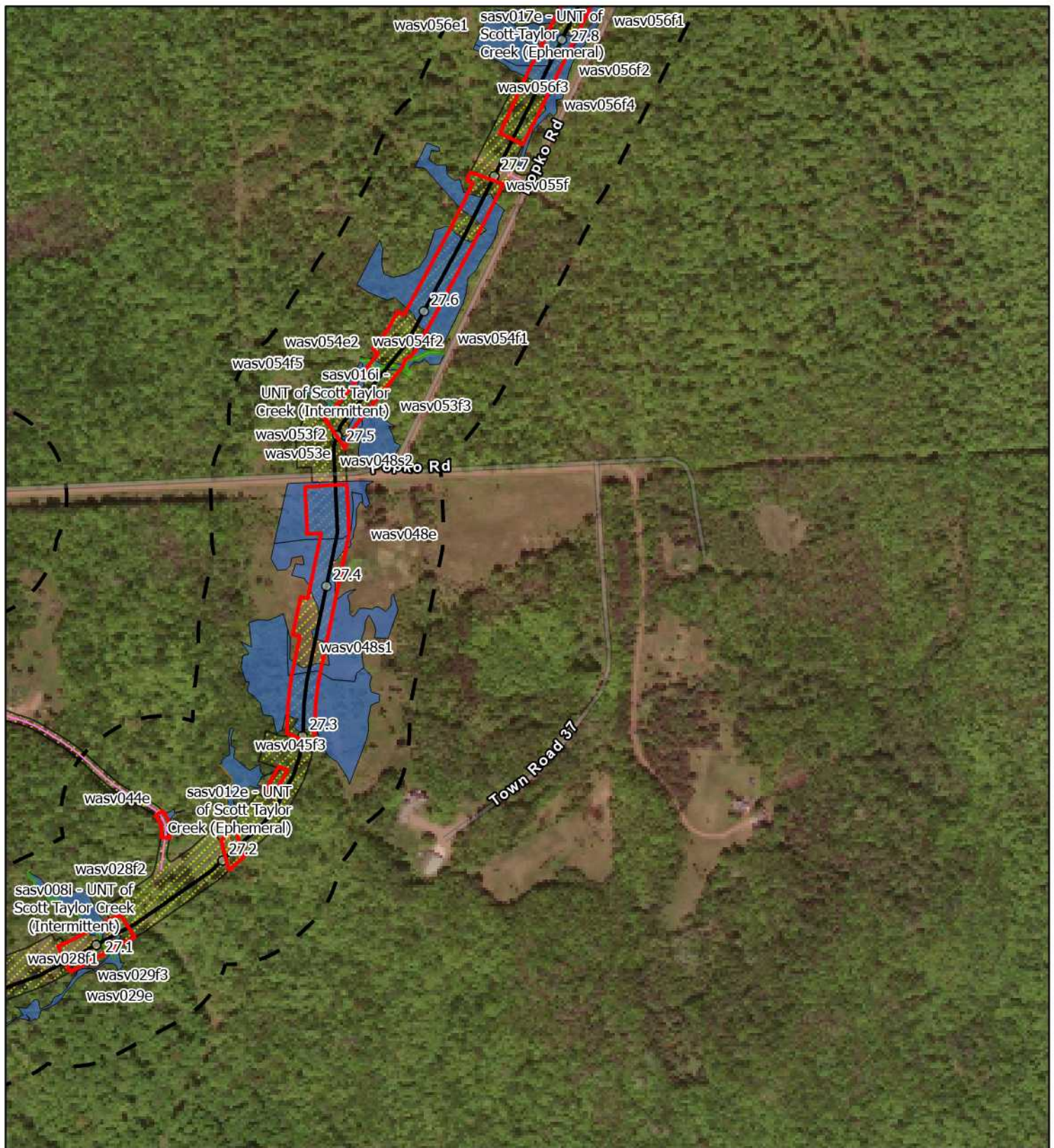


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

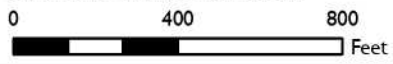
- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
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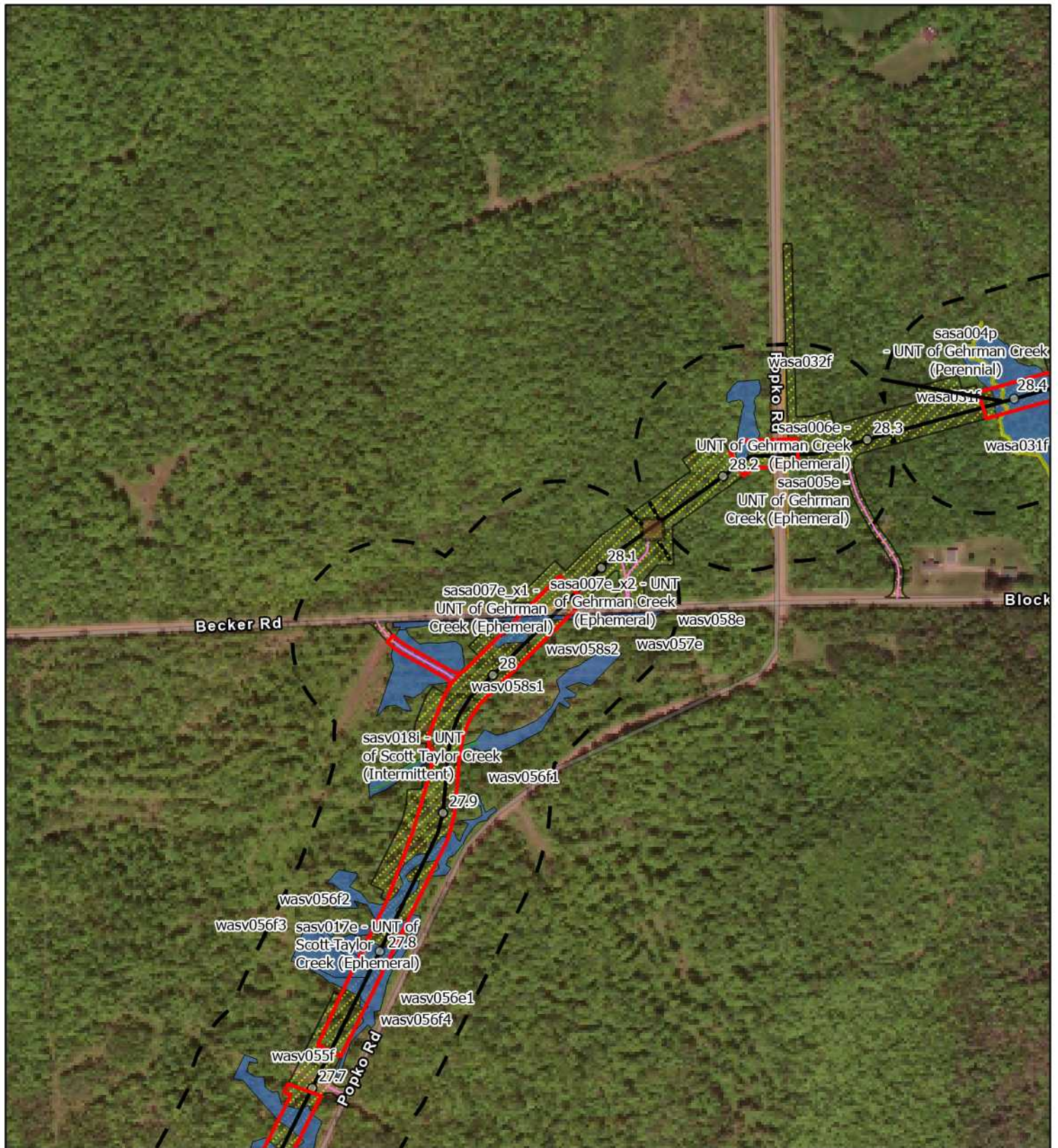
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Legend

- | | |
|-----------------------|--------------------------|
| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
| Limits Of Disturbance | Proposed Mileposts |





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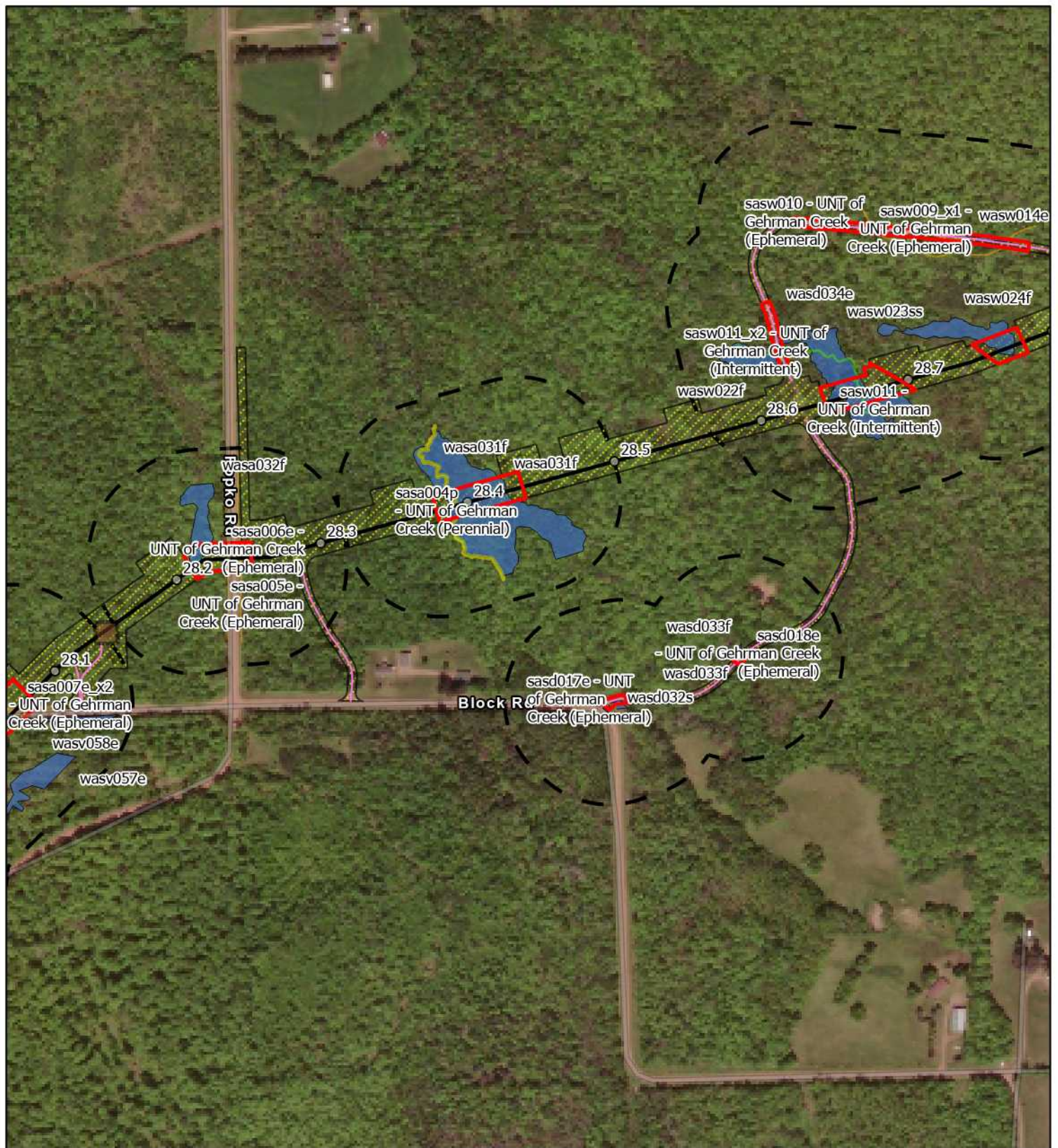


- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

Legend

- USACE Permit Area
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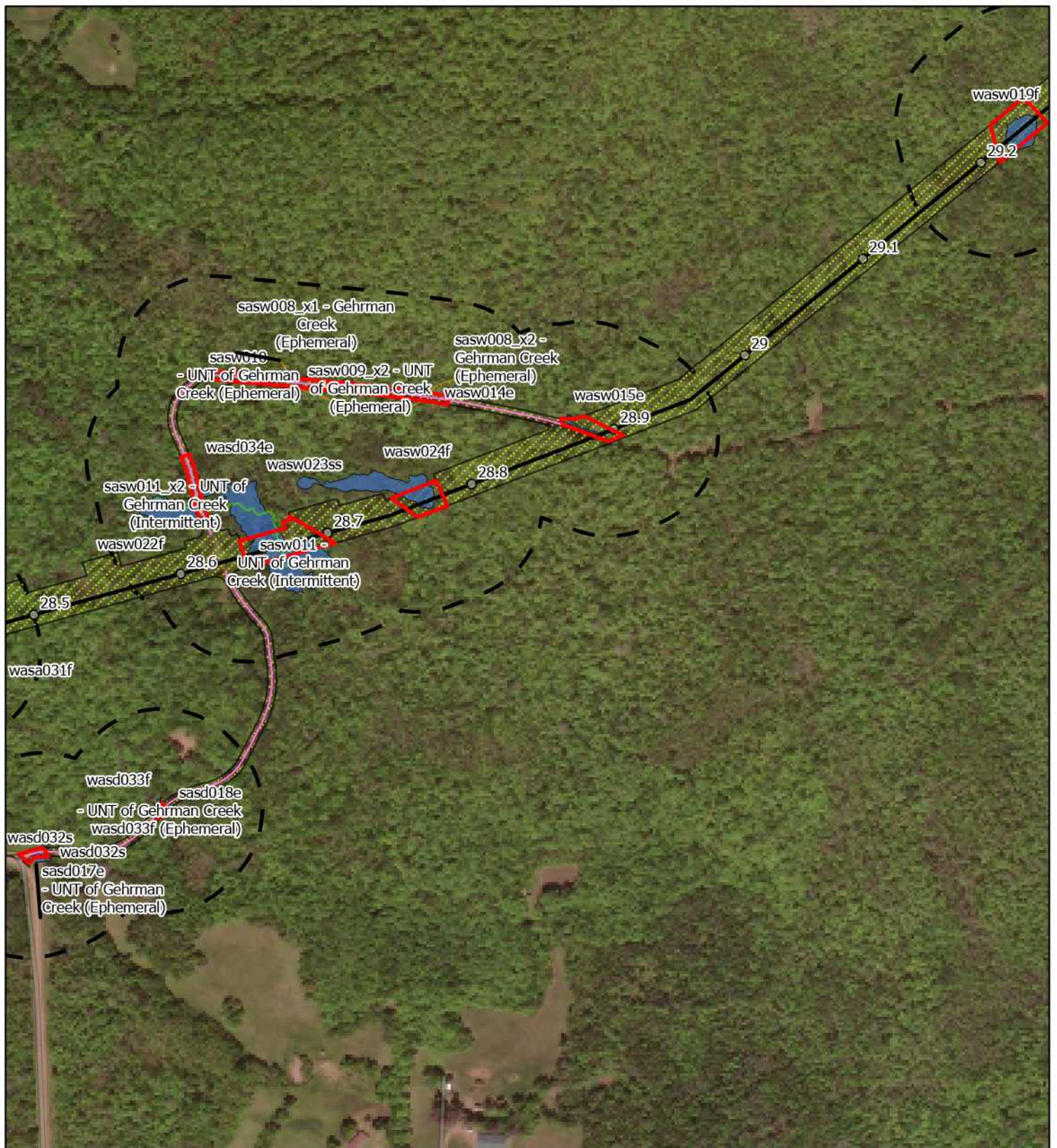


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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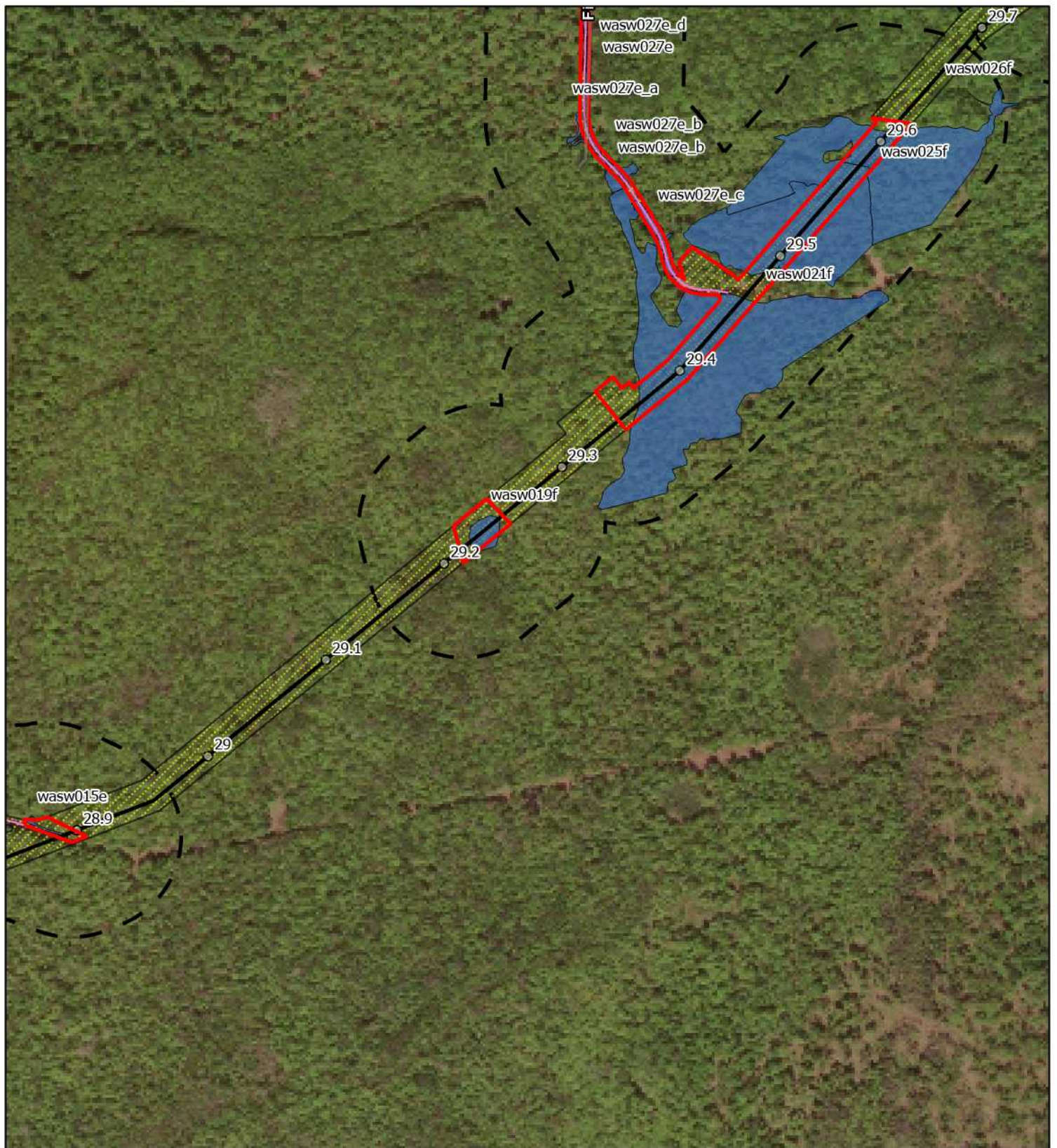


Legend

- Wetlands
- Waterbodies
 - Ephemeral
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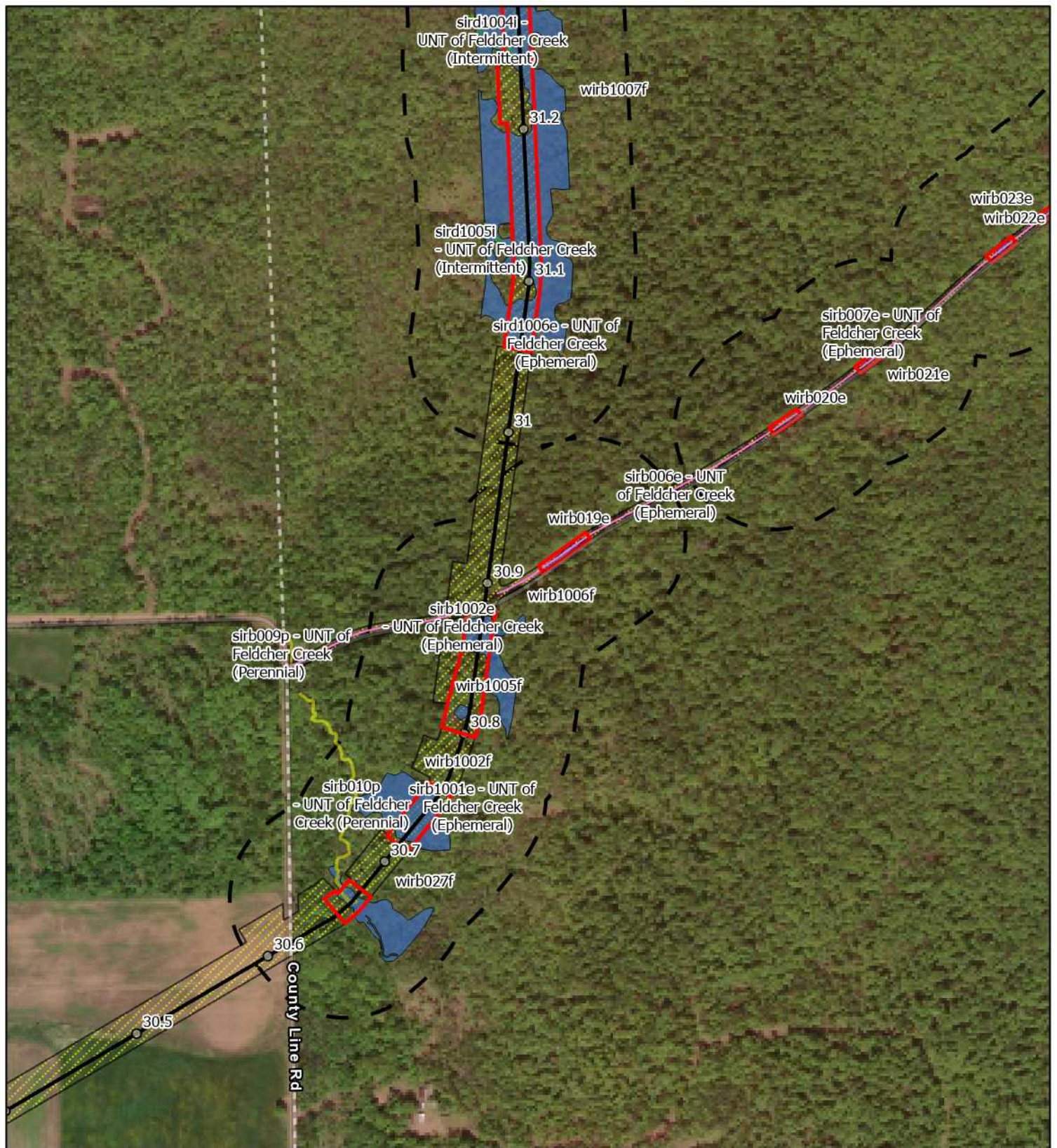


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
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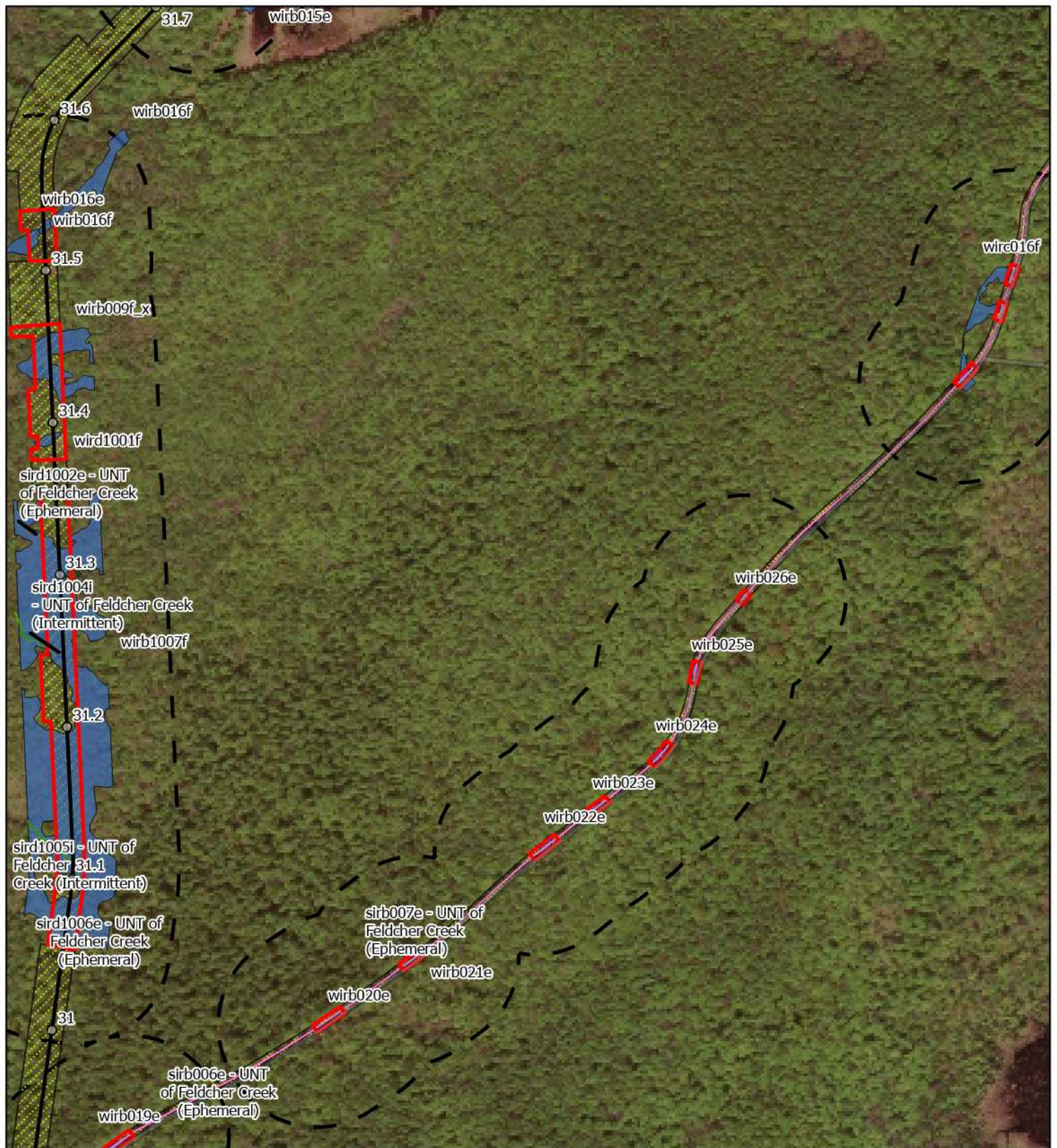


Legend

- Wetlands
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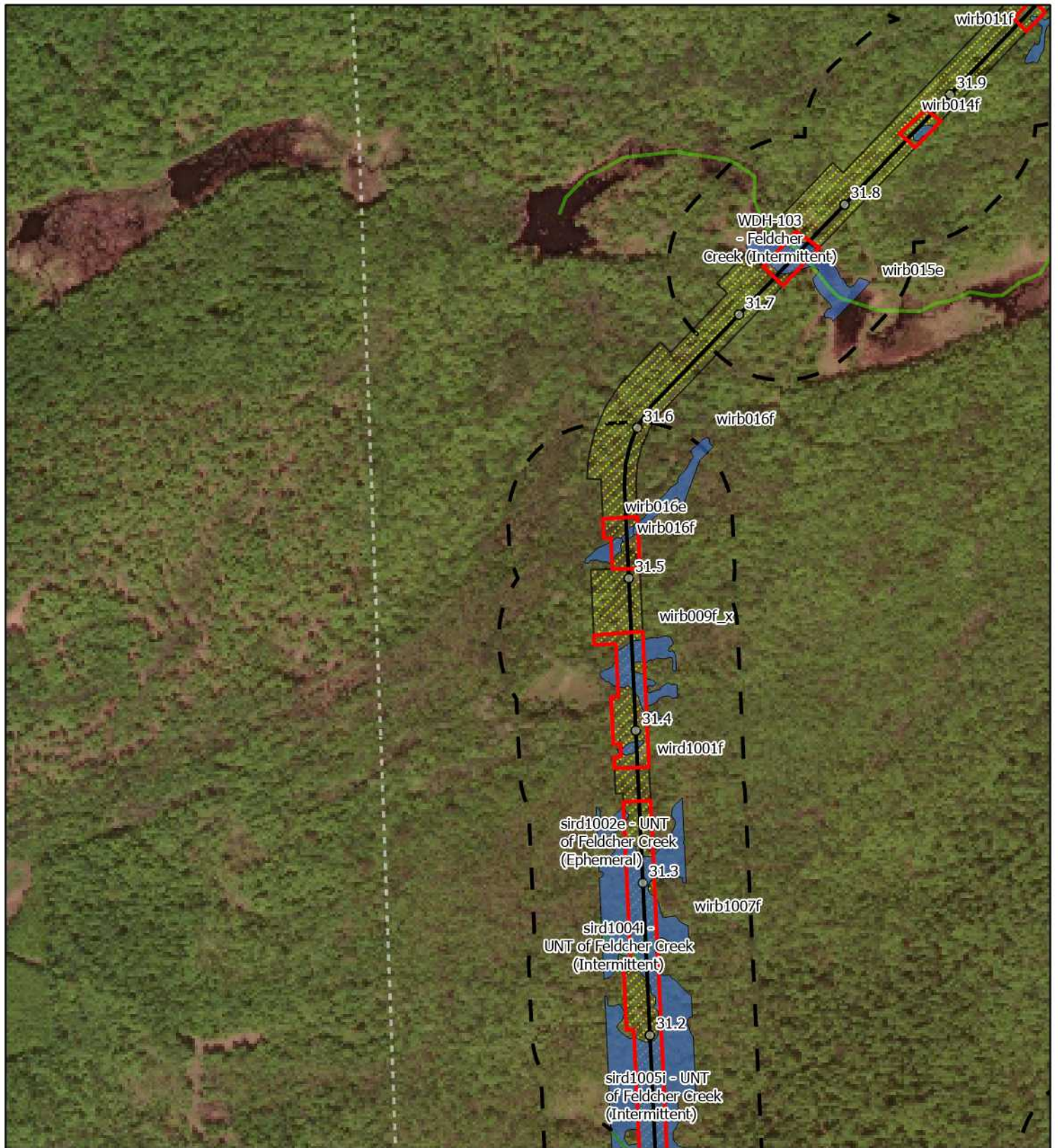


Legend

- Wetlands
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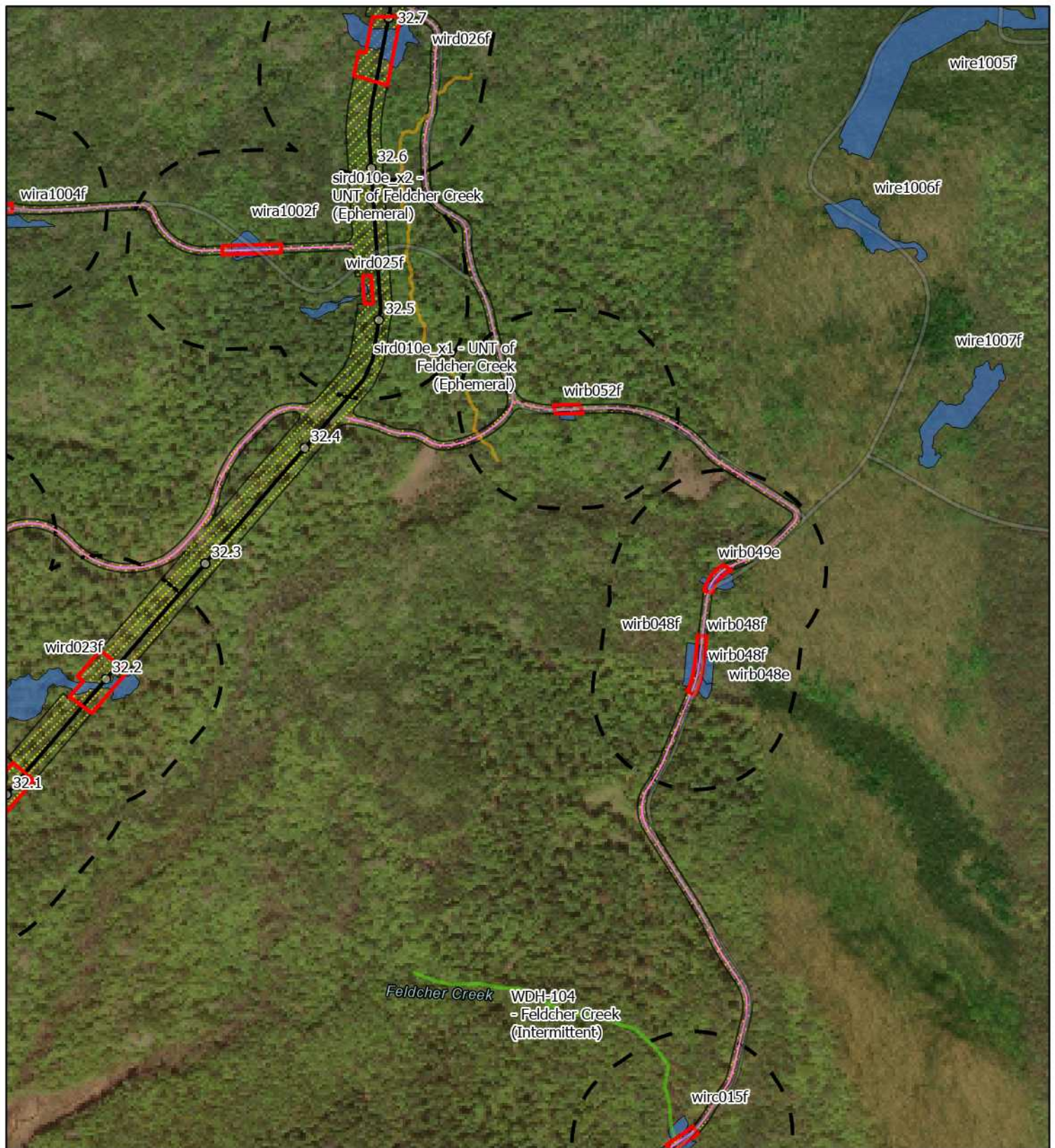


Legend

- Wetlands
- Waterbodies**
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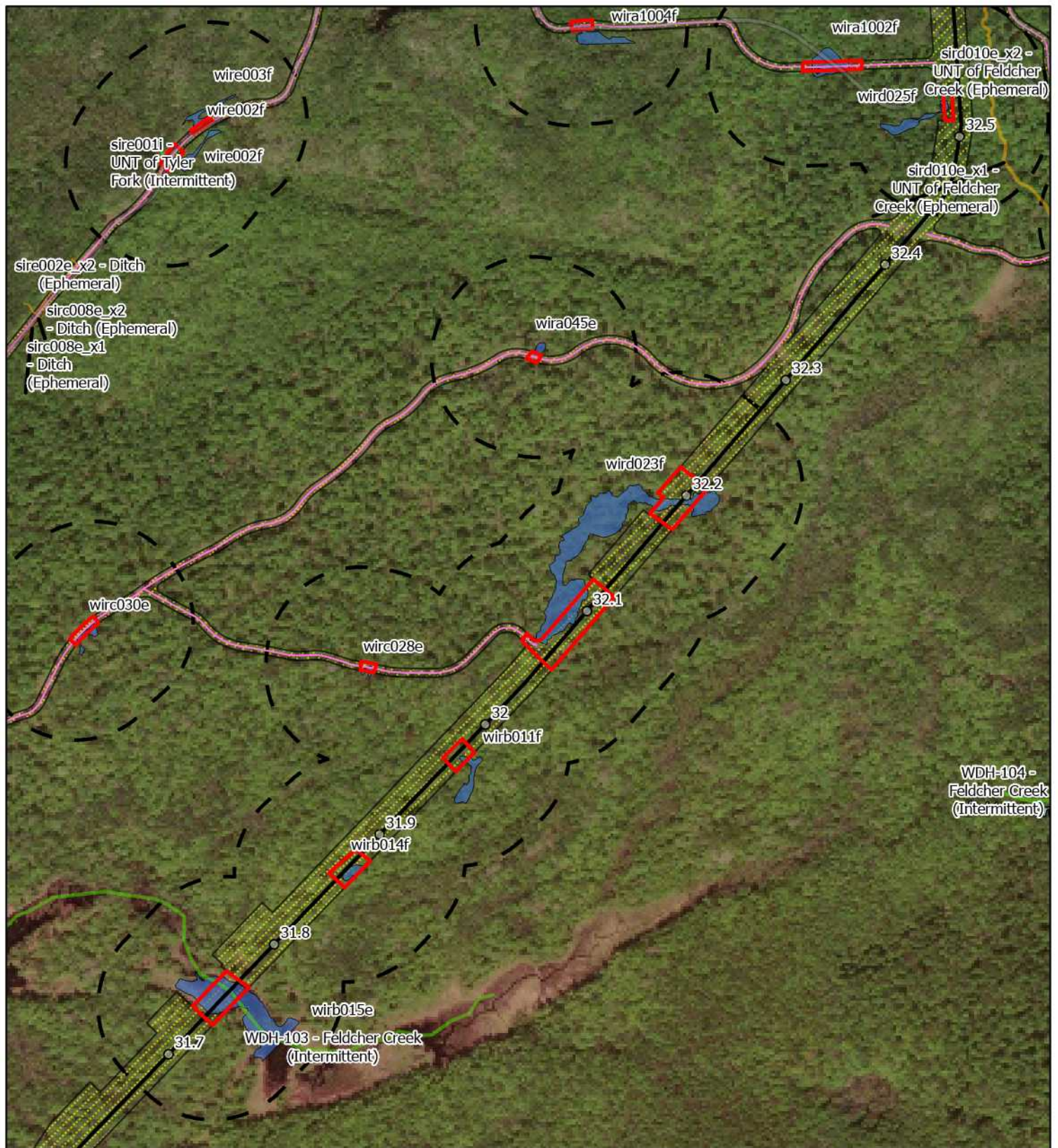


Legend

- Wetlands
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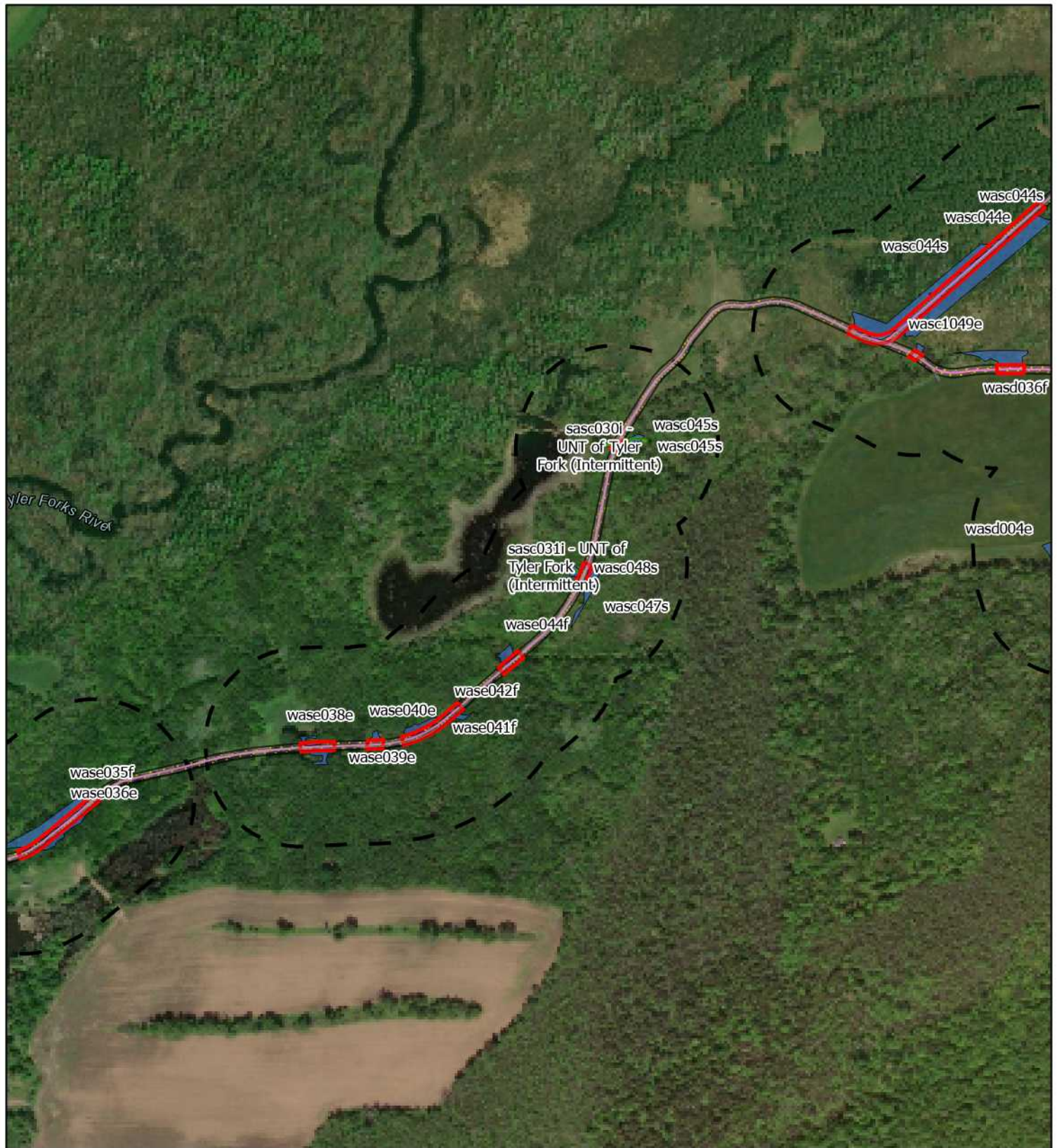


Legend

- Wetlands
- Waterbodies**
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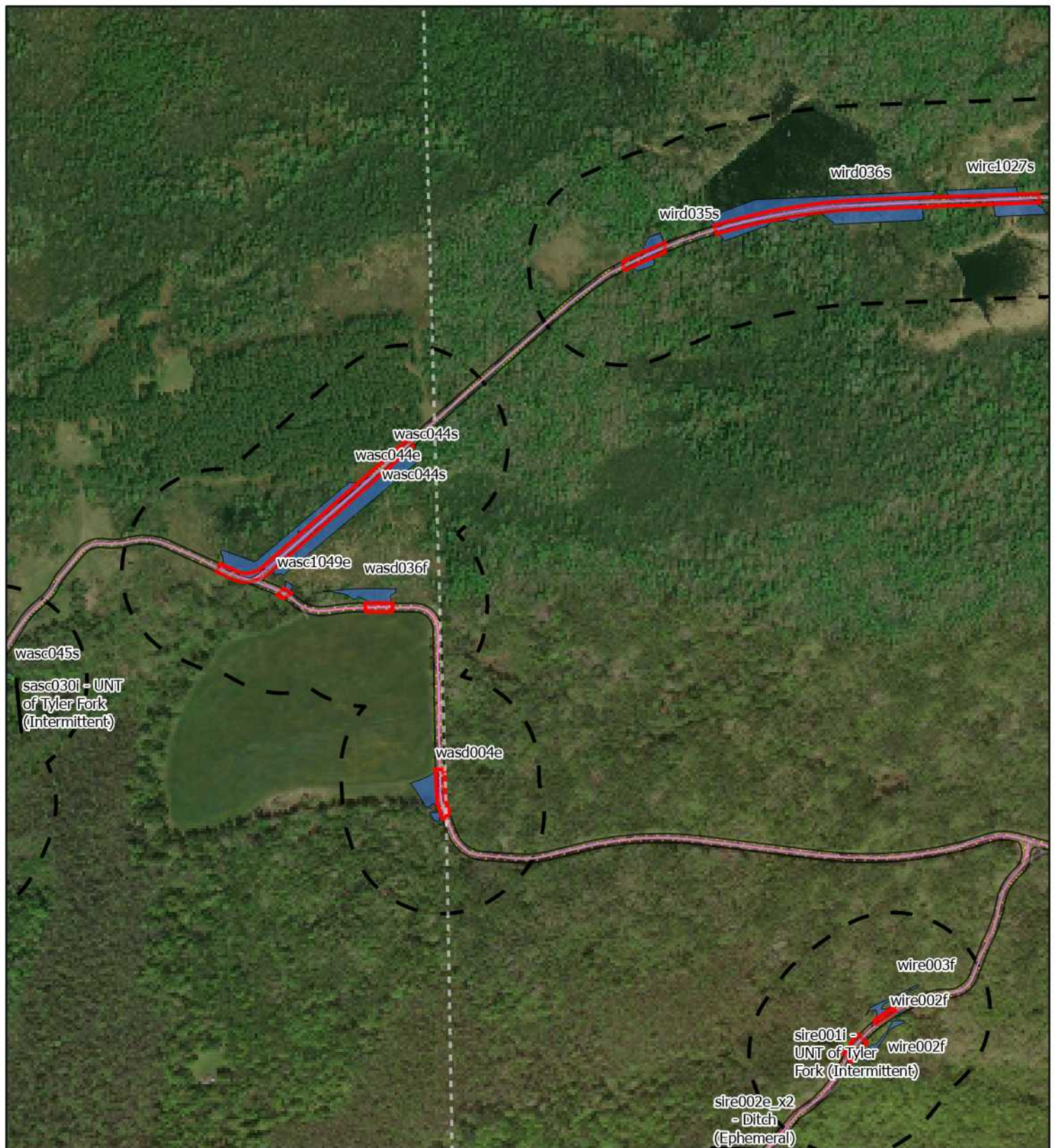


Legend

- Wetlands
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 - Ephemeral
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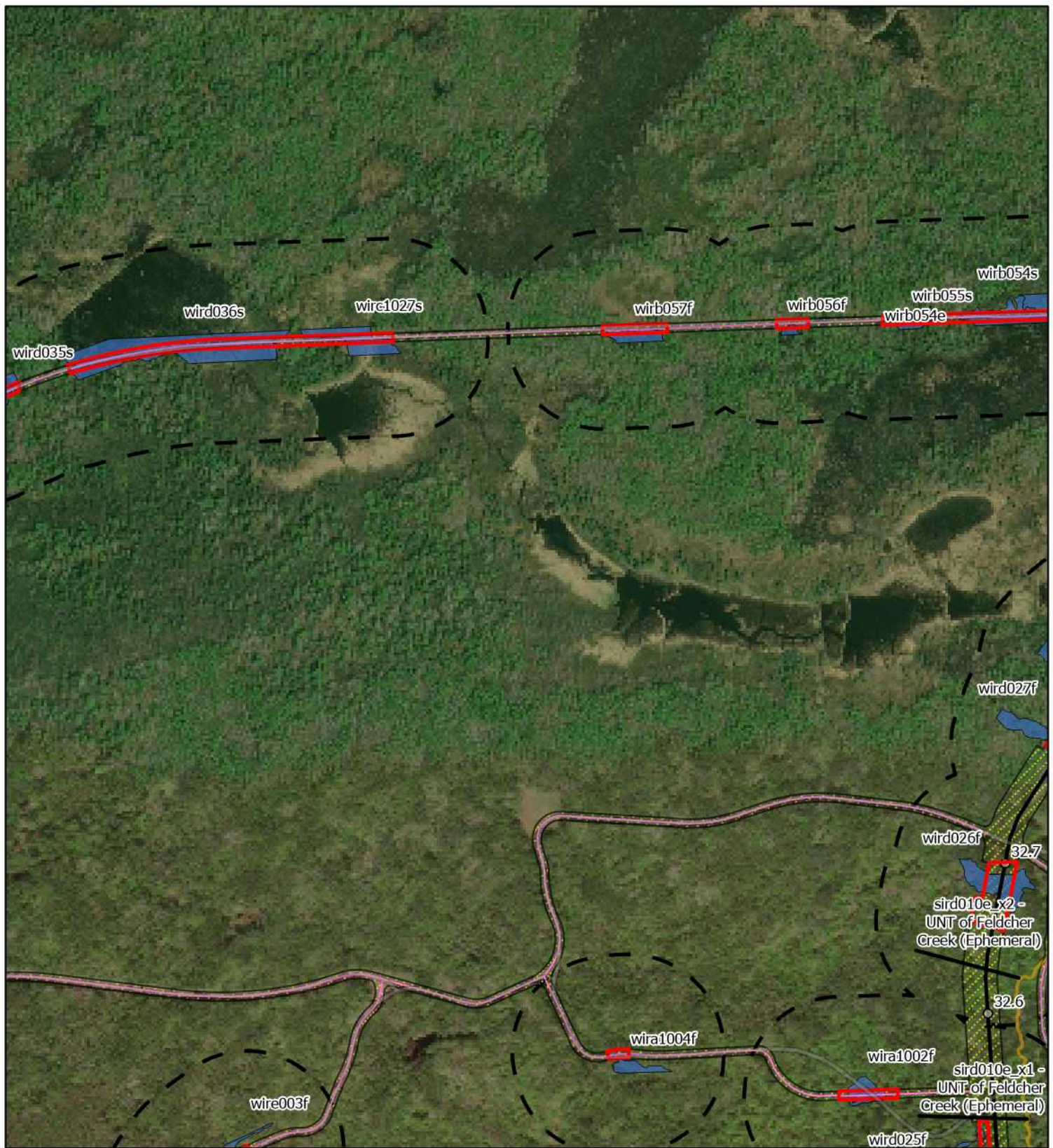


Legend

- Wetlands
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 - Ephemeral
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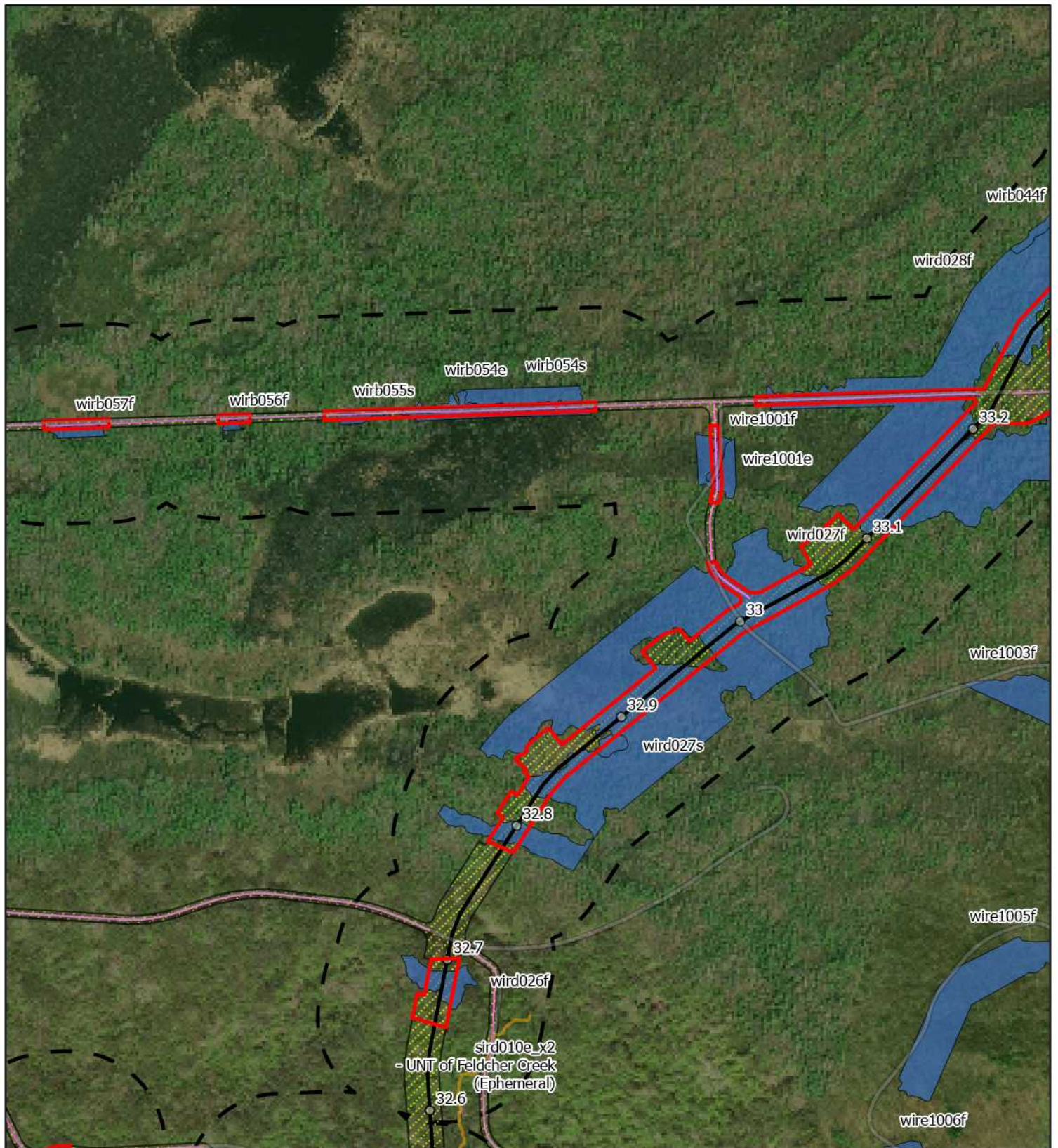


Legend

- Wetlands
- Waterbodies**
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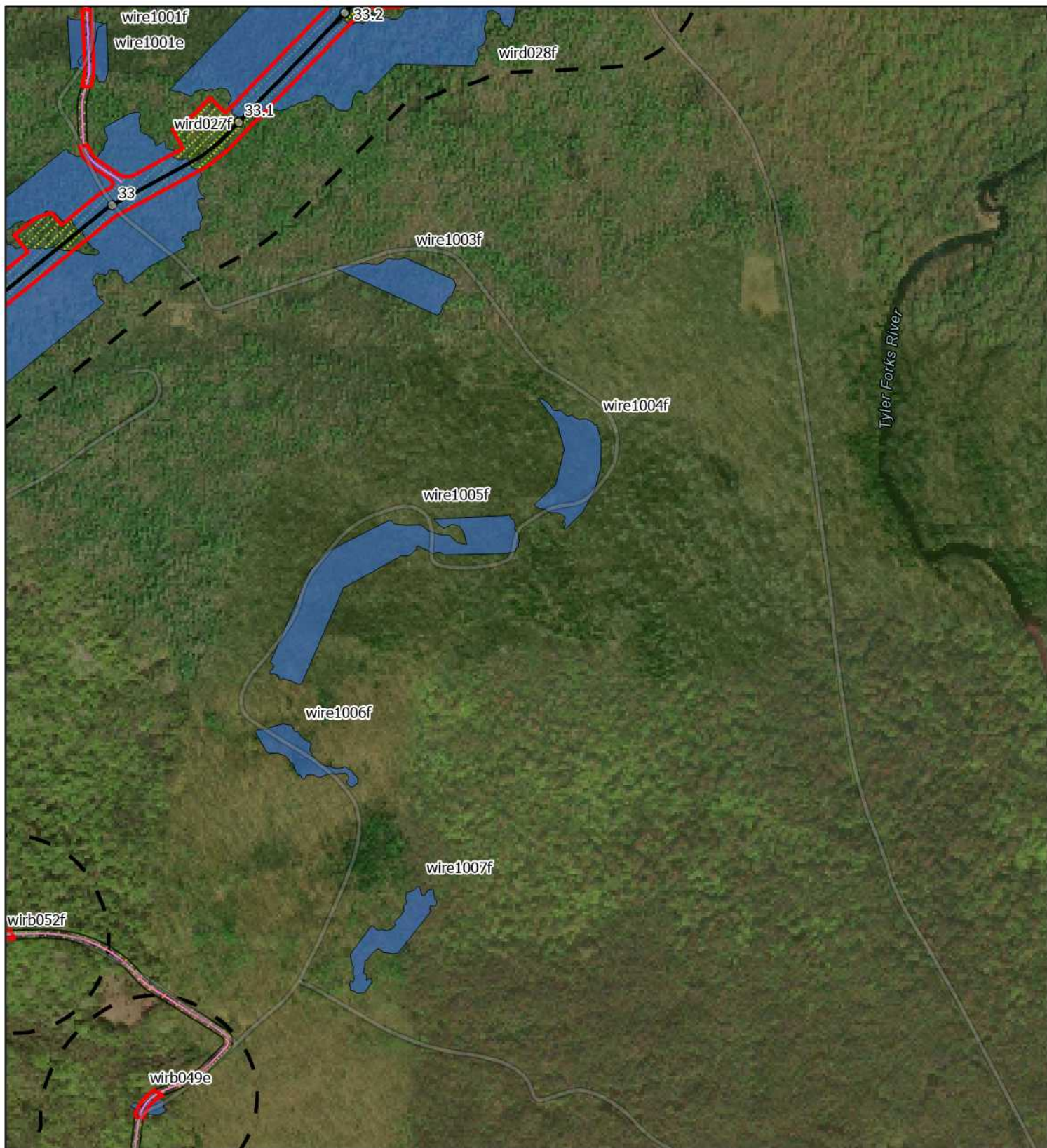
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Legend

- | | |
|-----------------------|--------------------------|
| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
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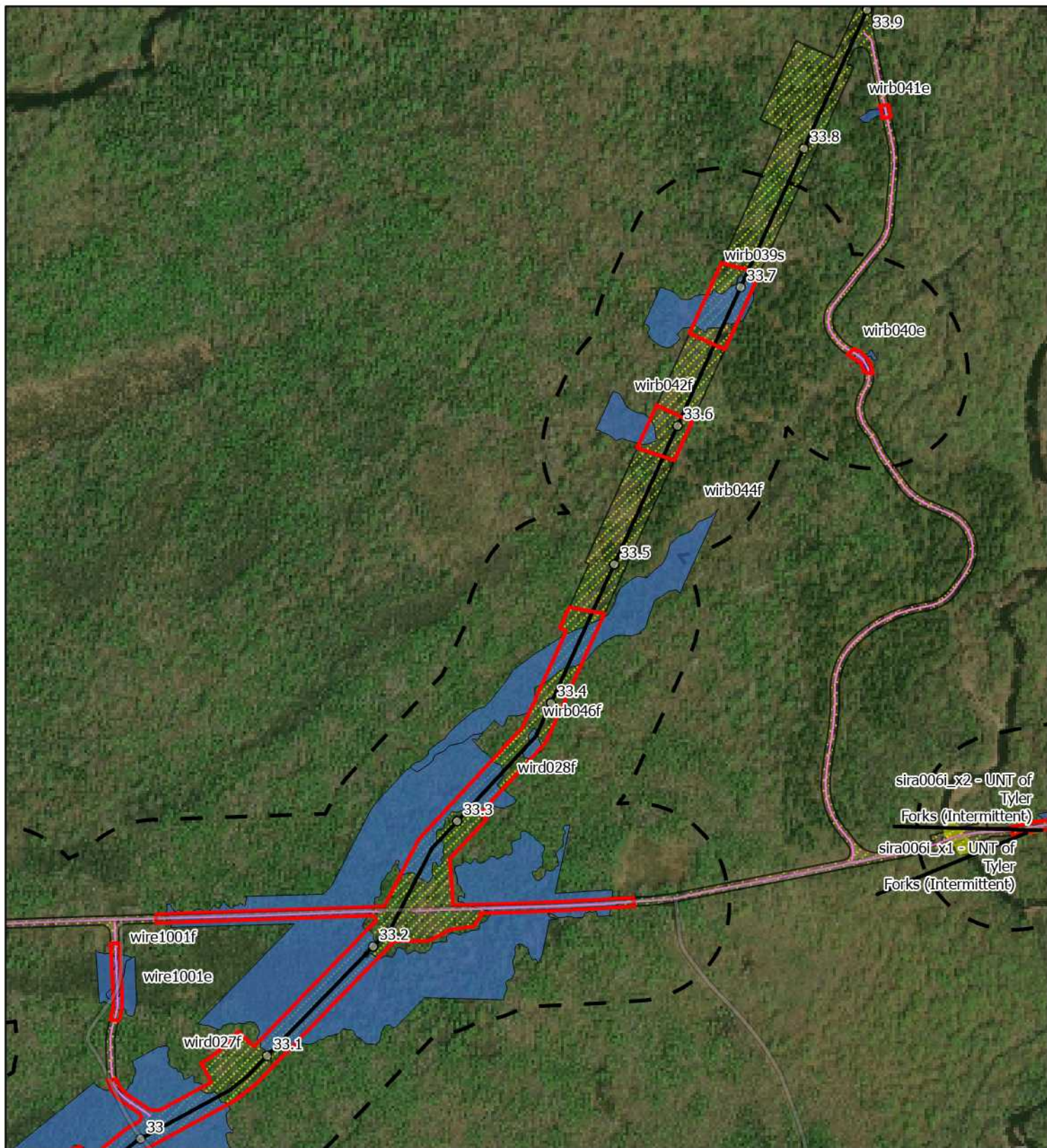


Legend

- Wetlands
- Waterbodies
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
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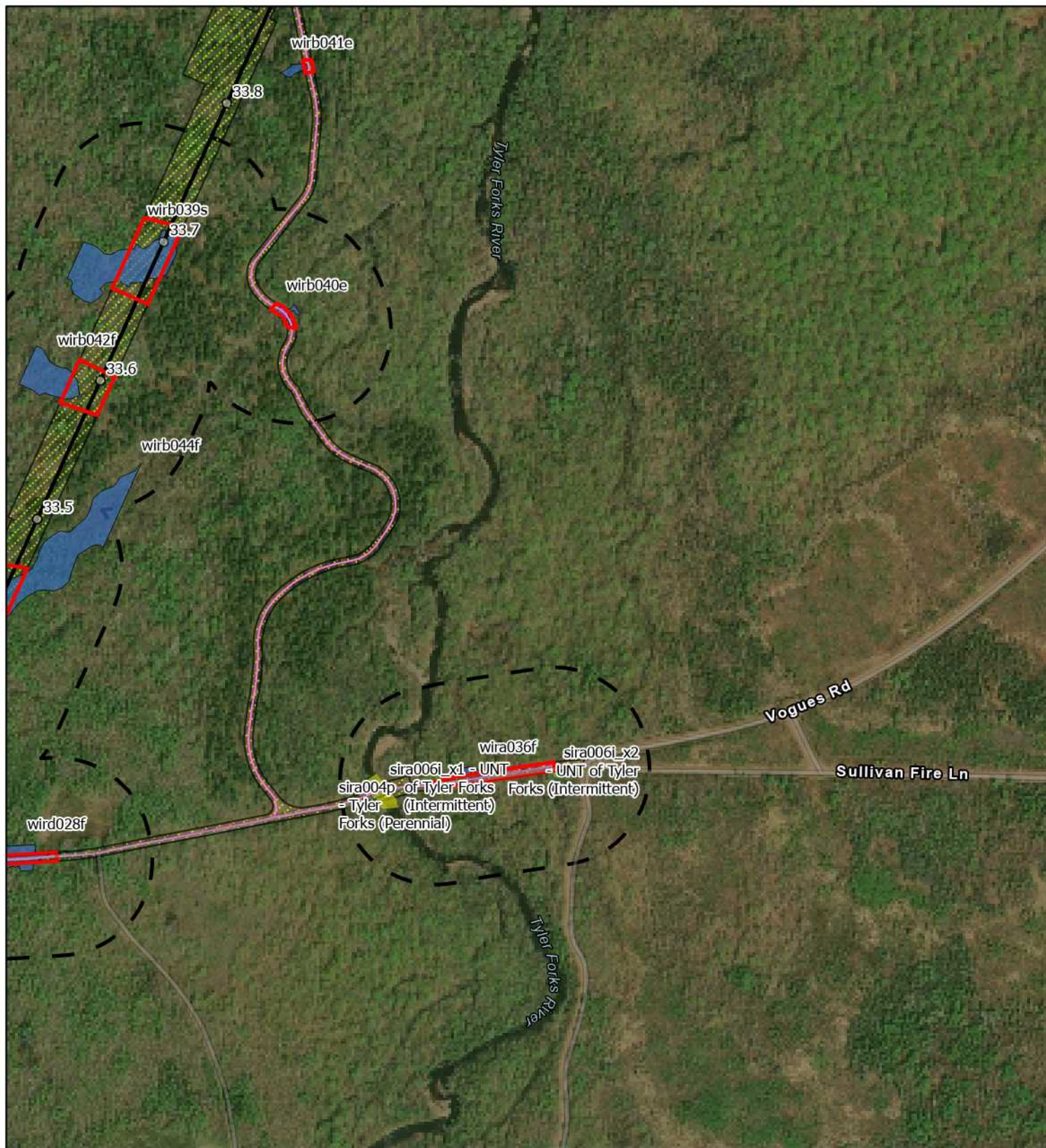


Legend

- Wetlands
- Waterbodies
- Ephemeral
- Intermittent
- Pond
- Perennial
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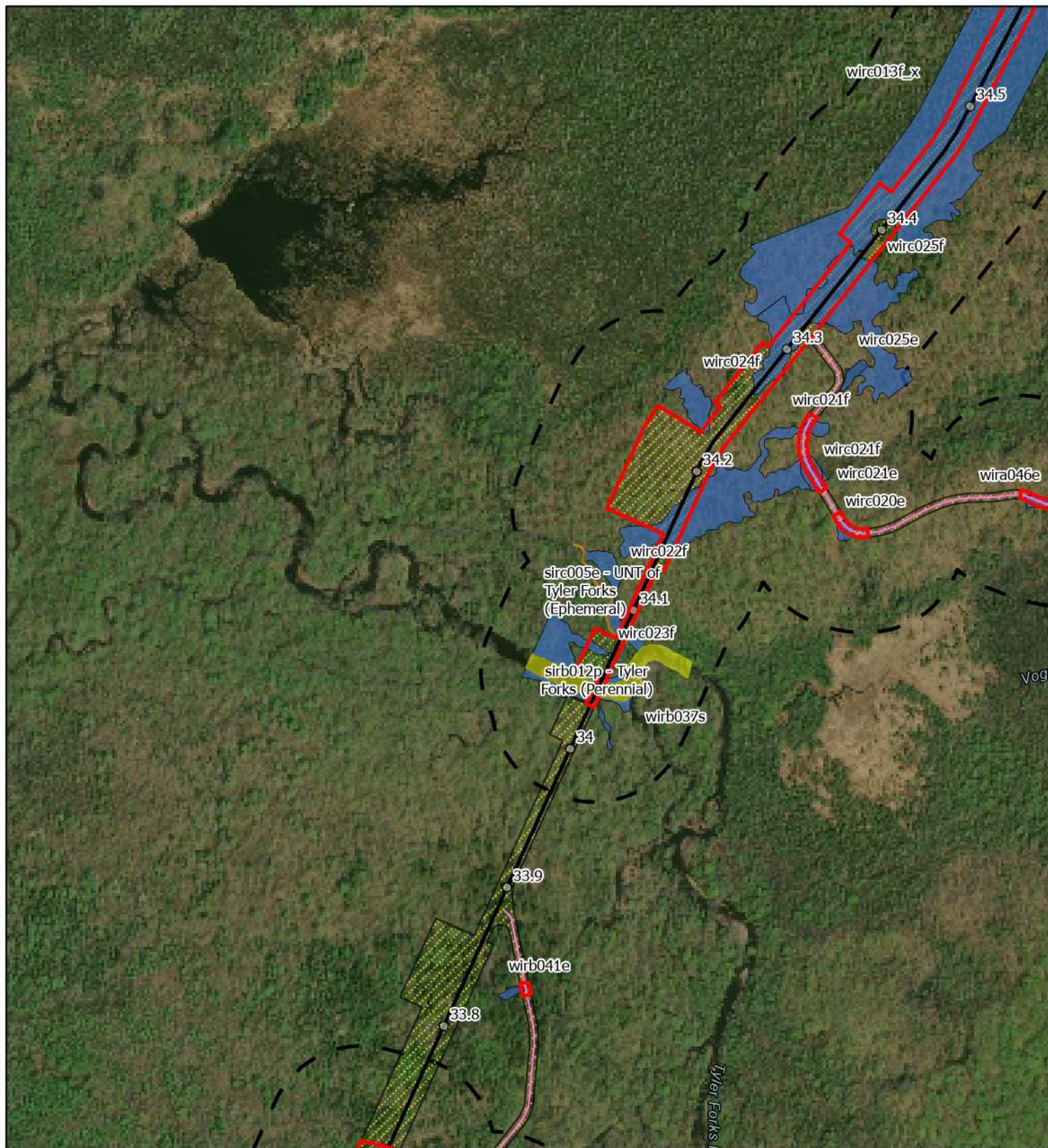


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Pond
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Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

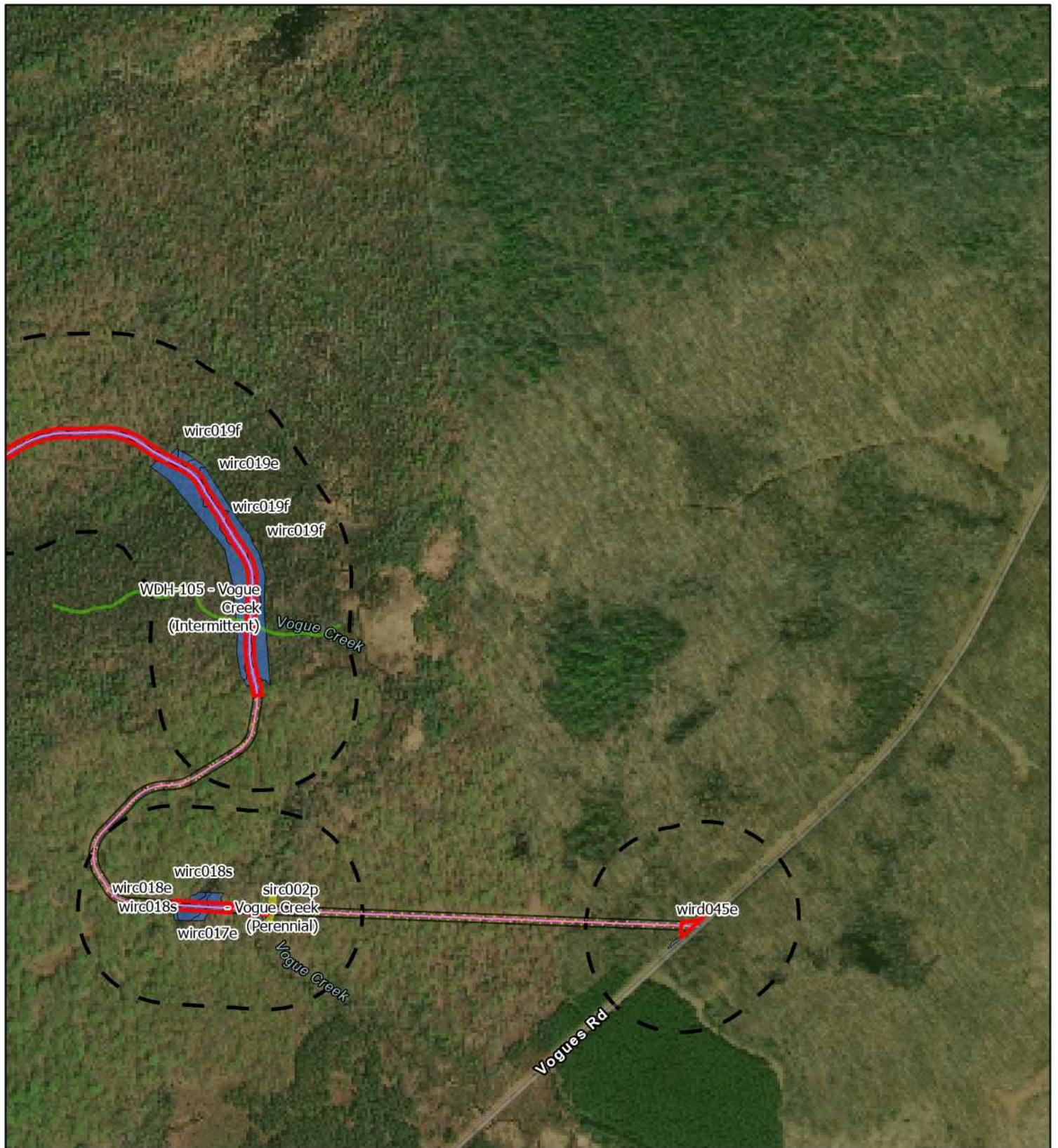
Mileposts

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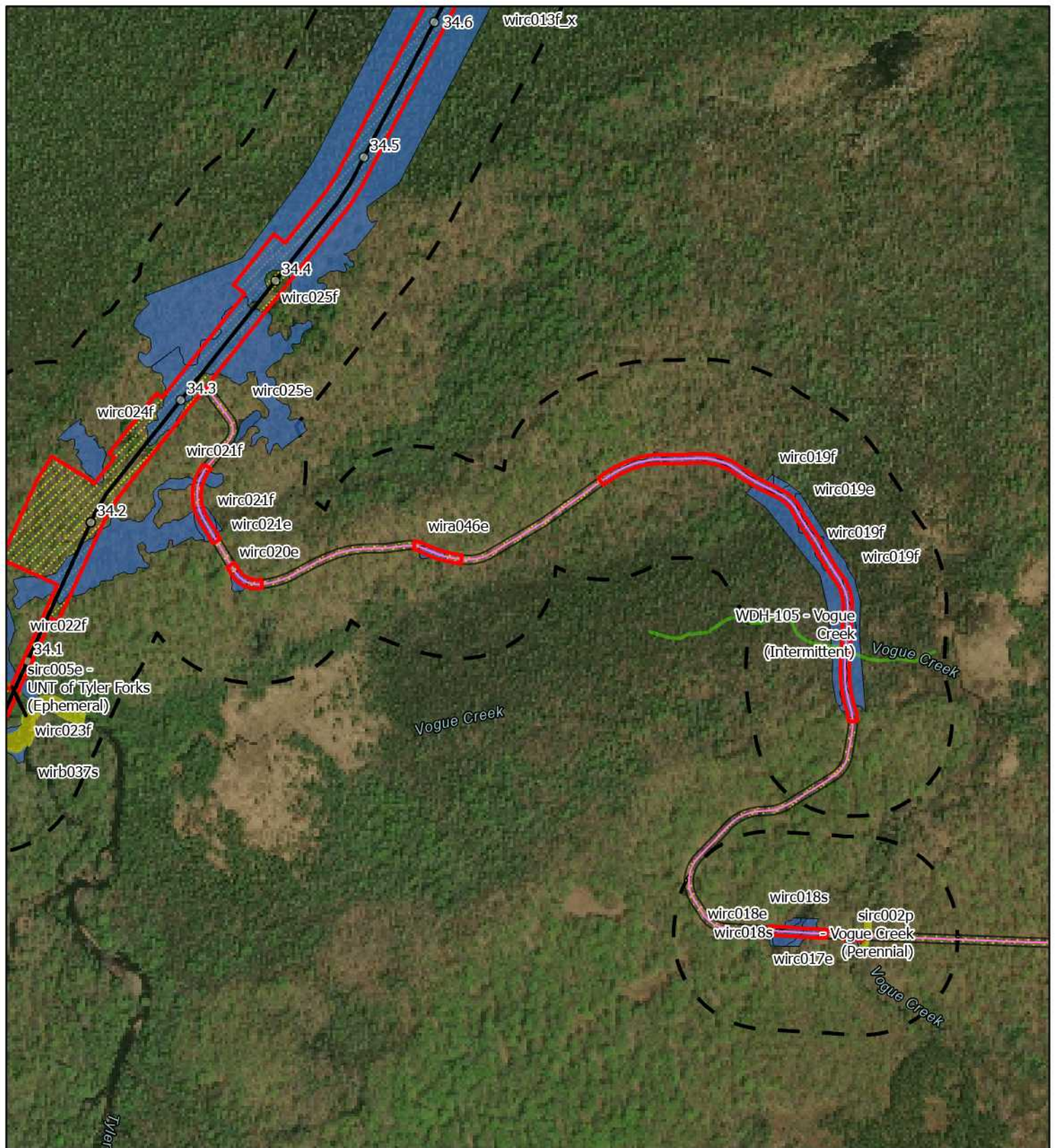


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
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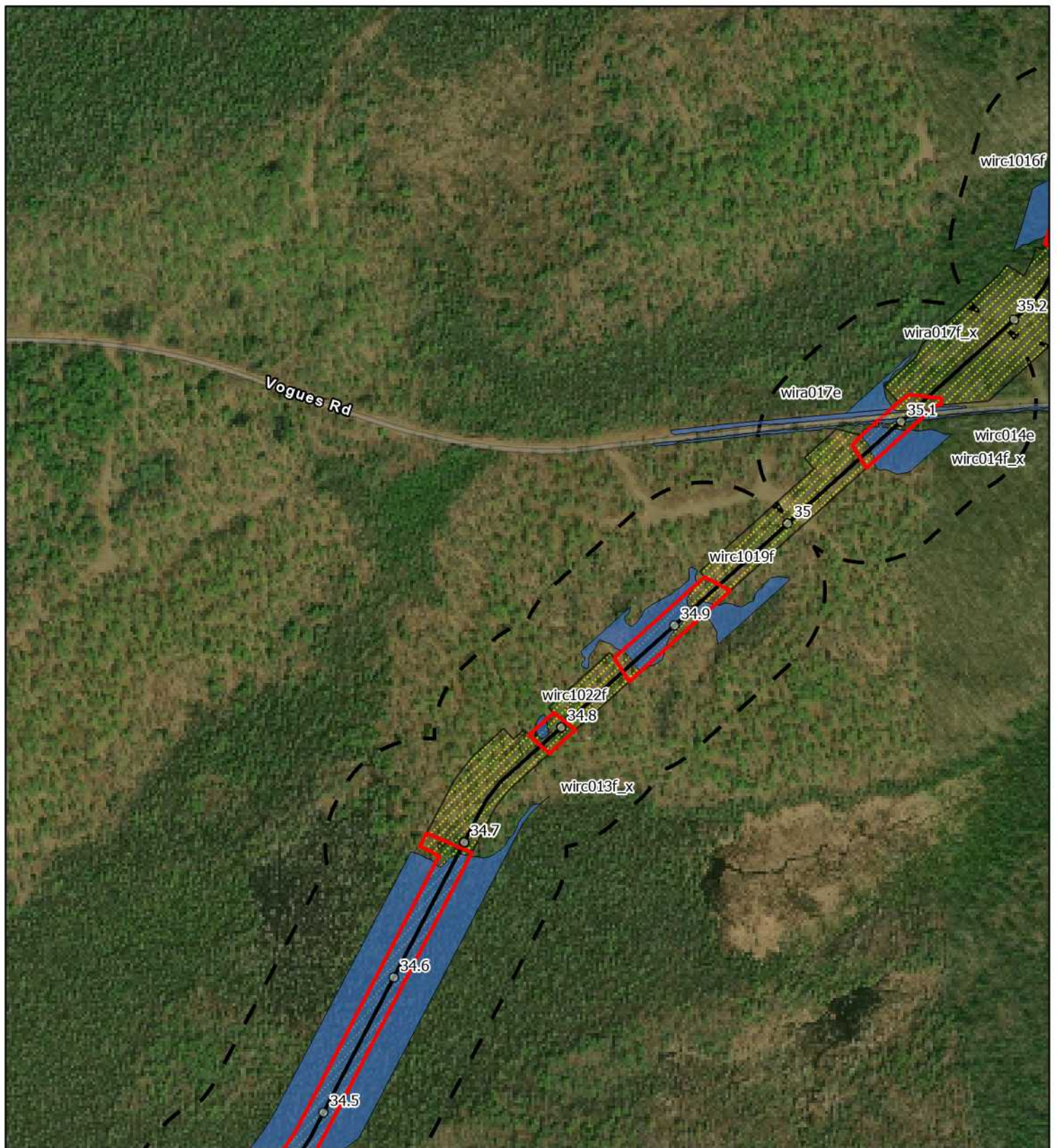


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
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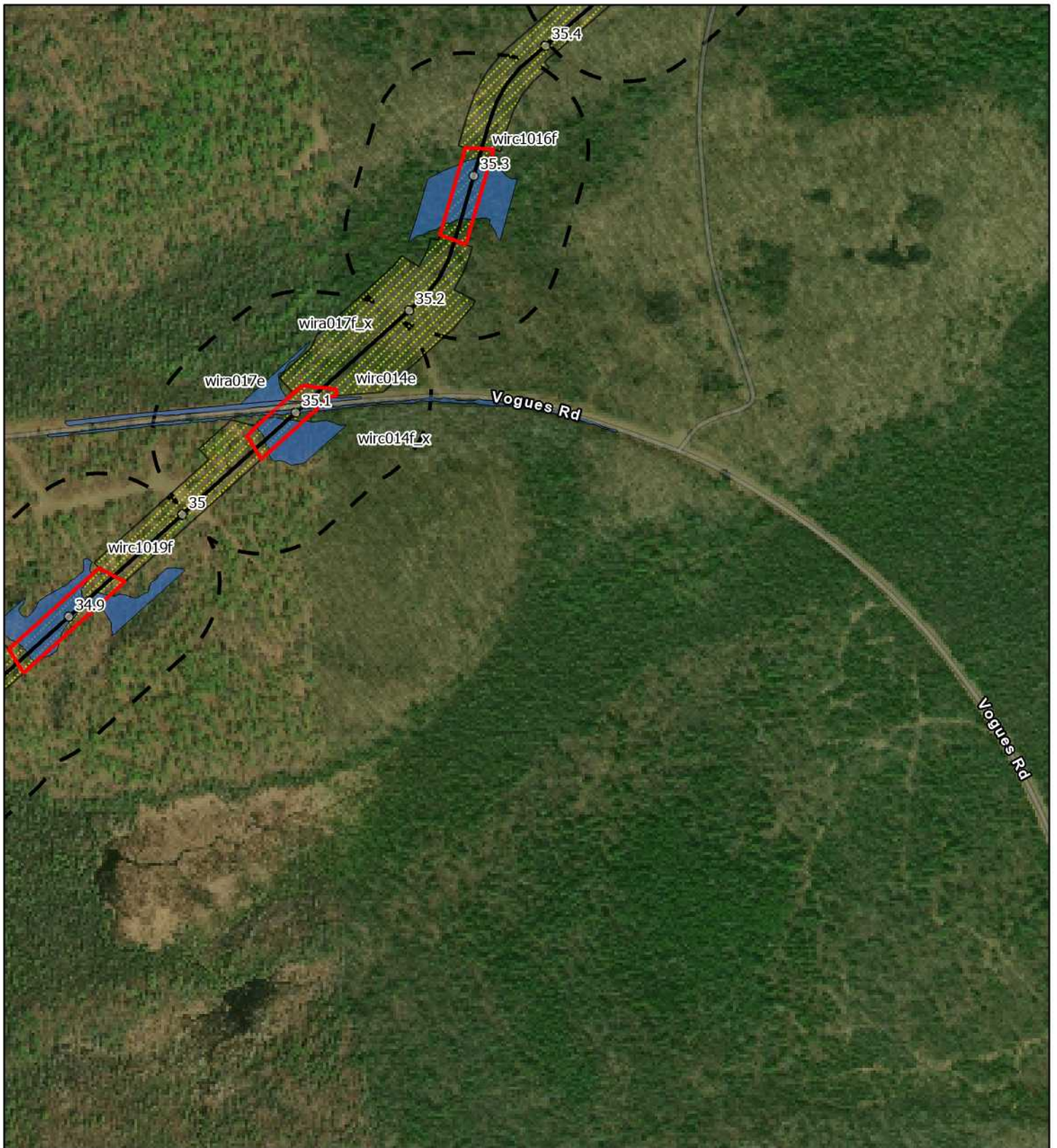


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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 - Pond
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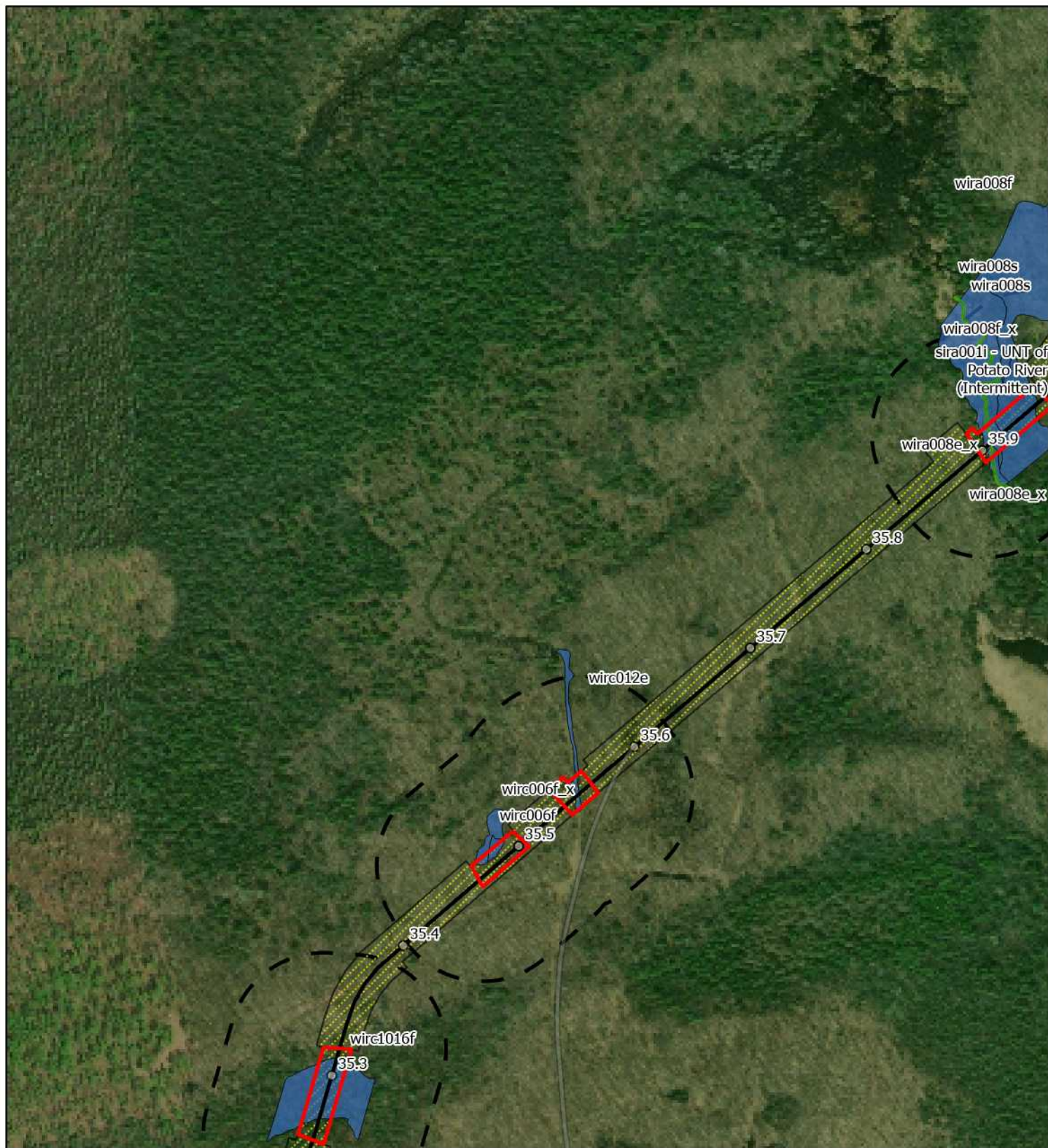


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
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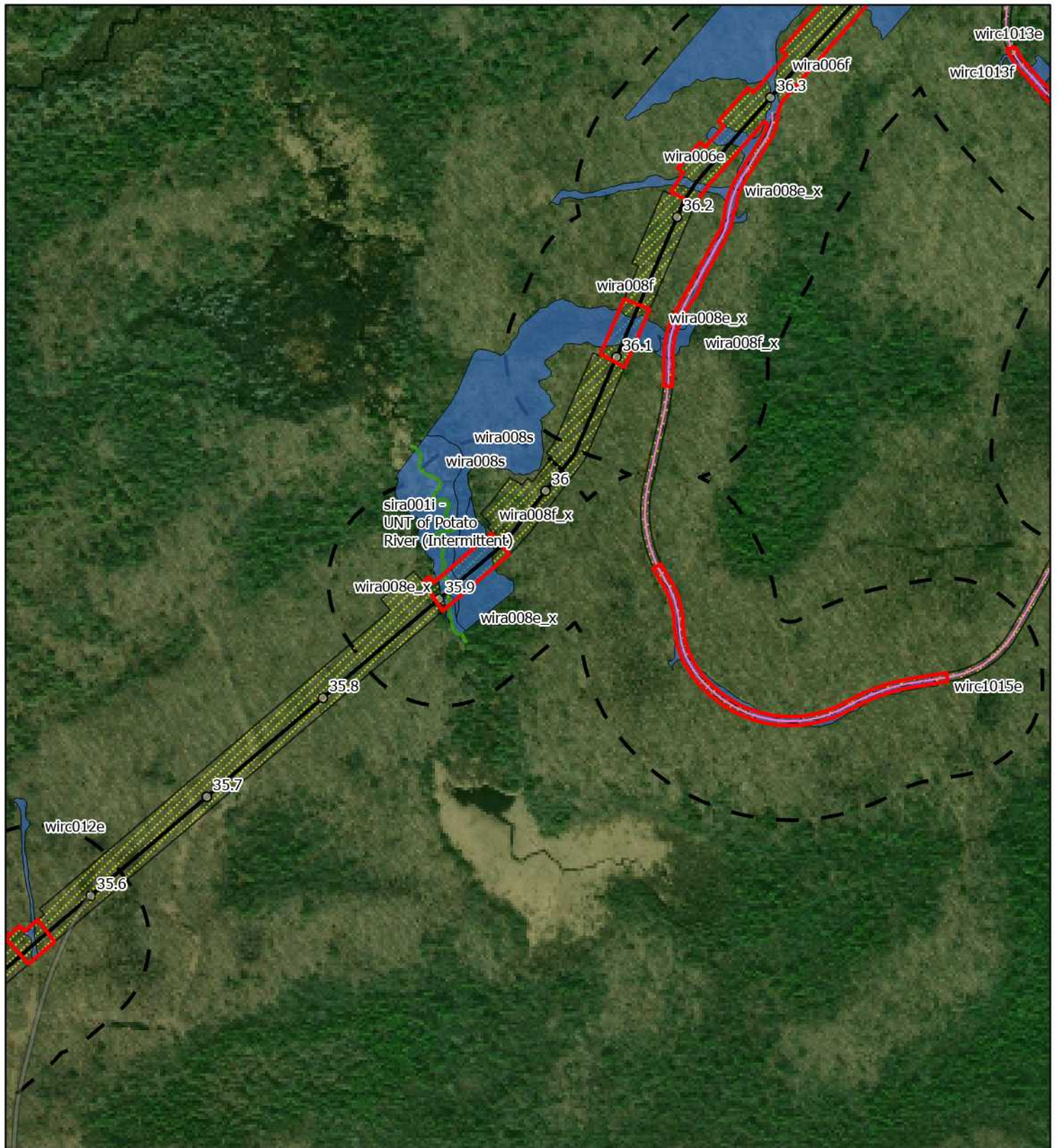


Legend

- Wetlands
- Waterbodies
- Ephemeral
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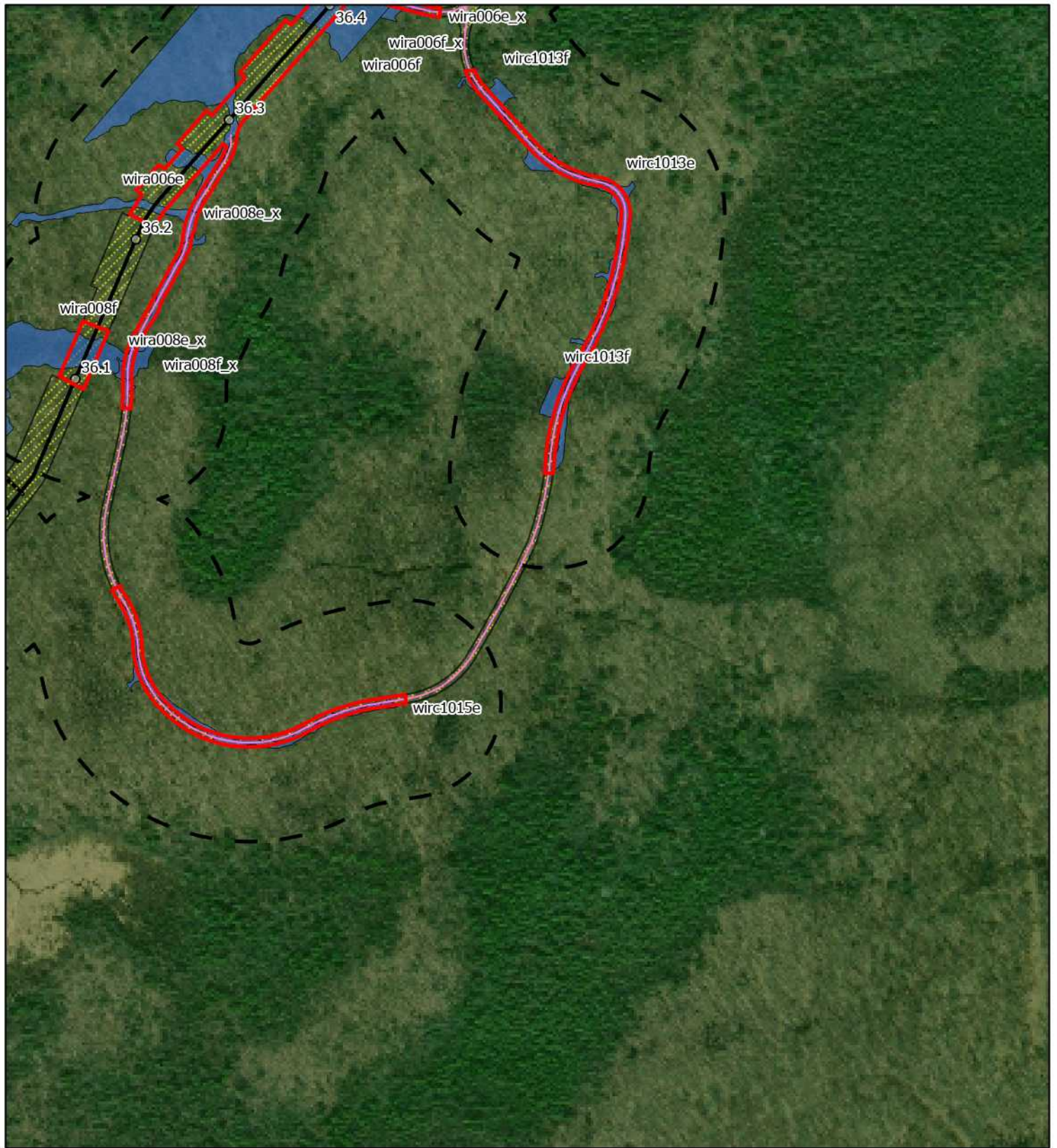


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- Wetlands
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 - Ephemeral
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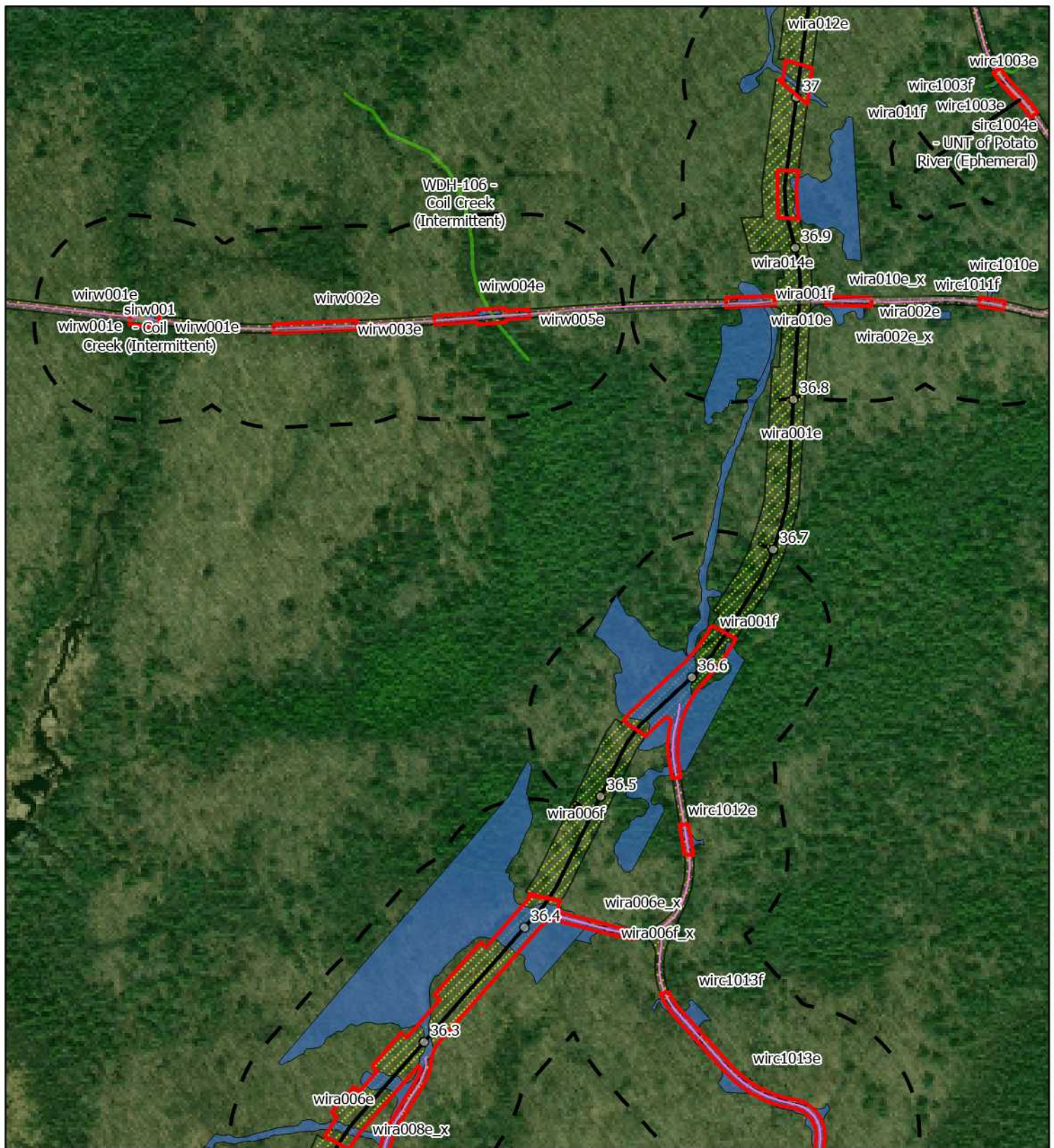


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- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

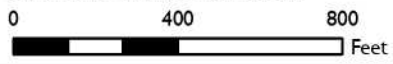
- USACE Permit Area
- Area of Potential Effect
- Valve Site
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- Access Road Centerlines
- Proposed Mileposts





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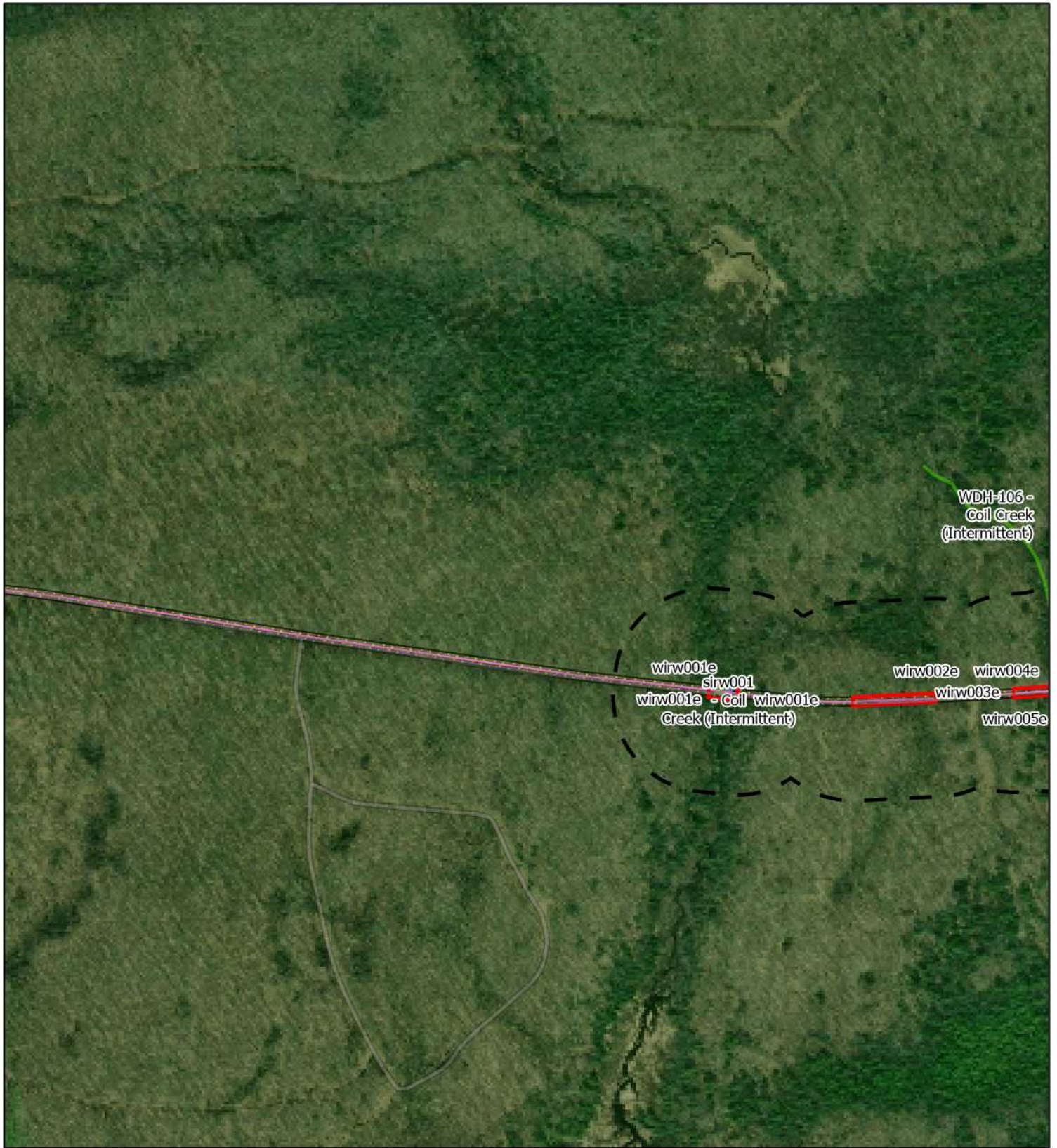
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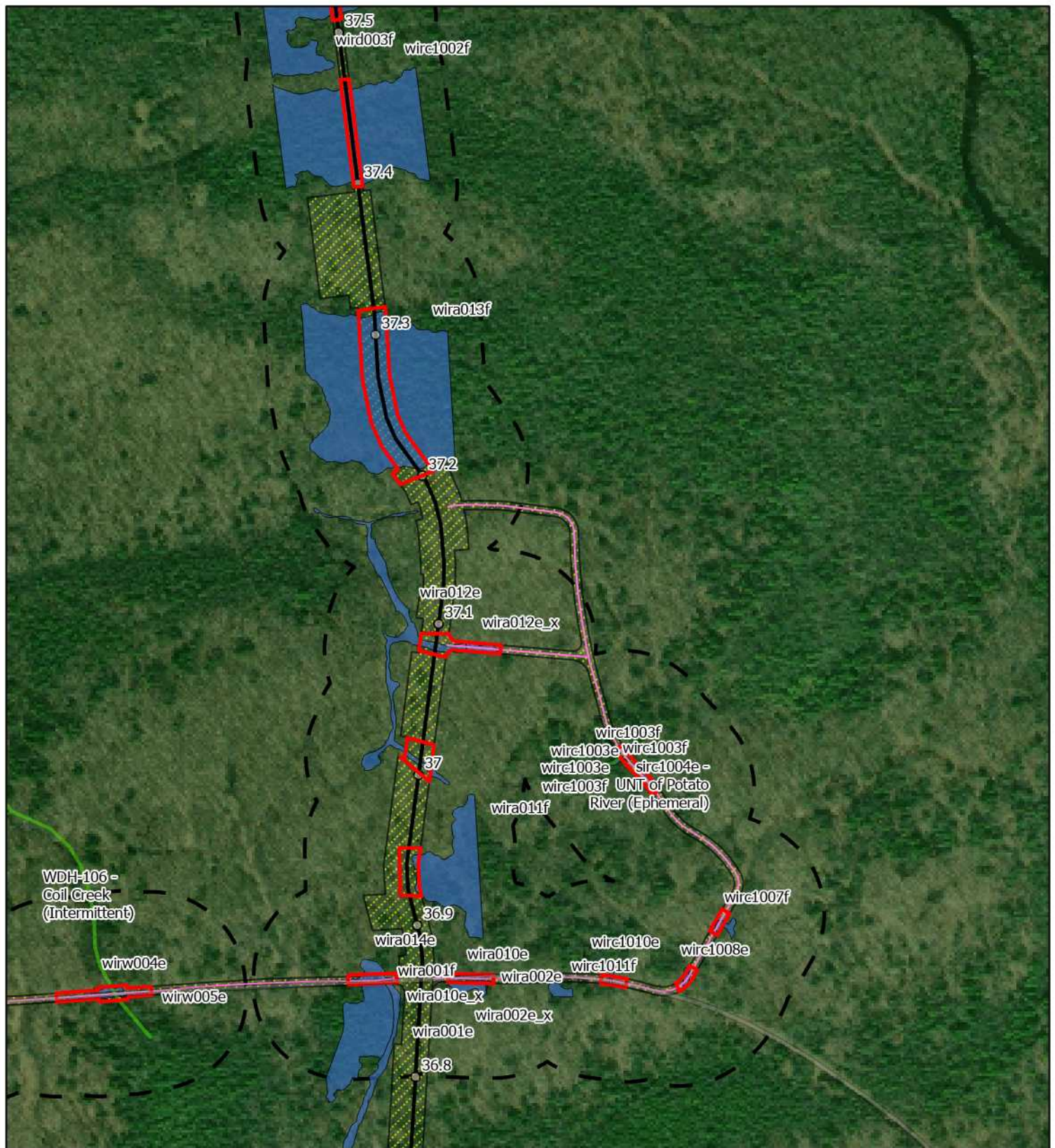


Legend

- Wetlands
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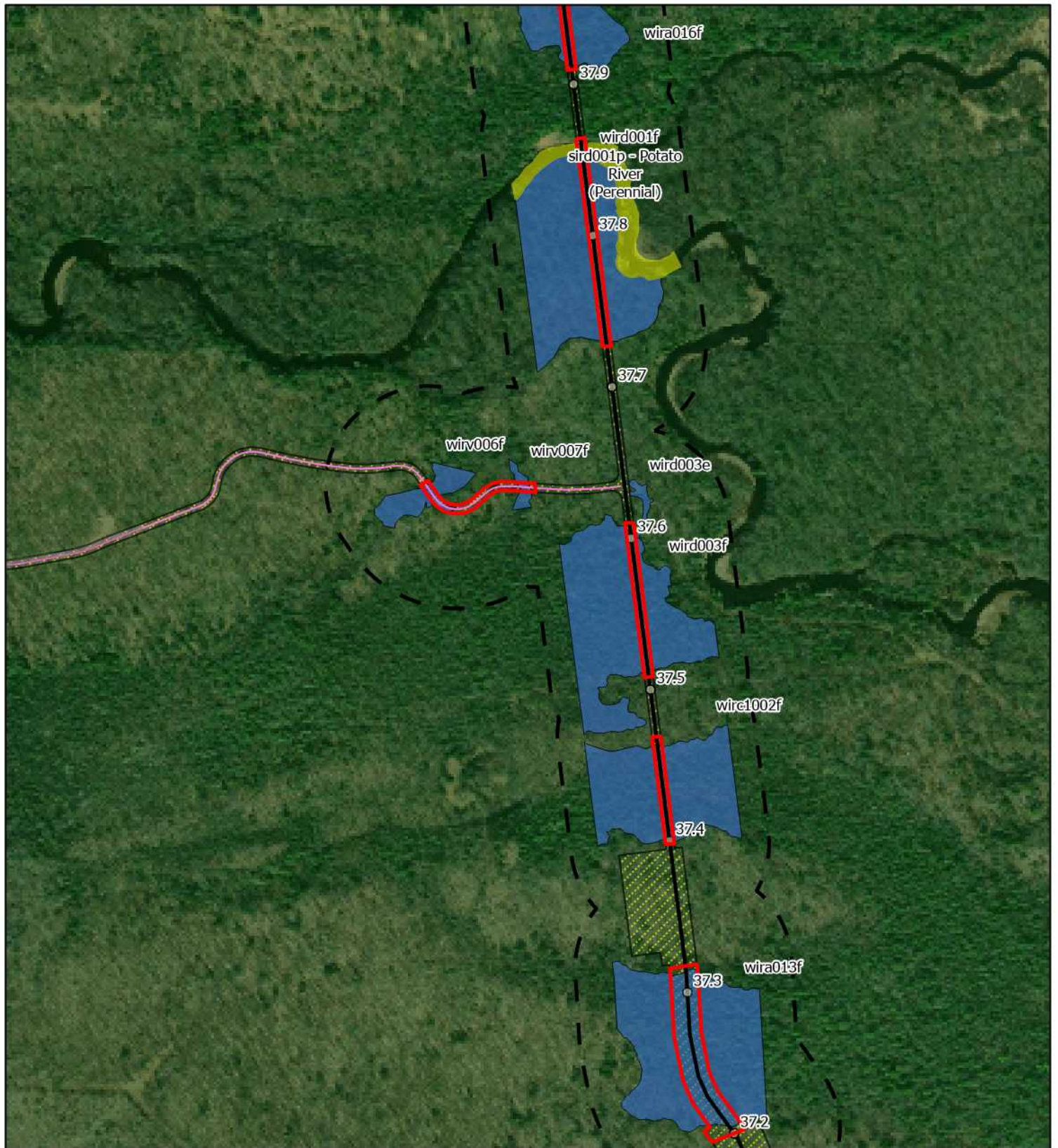


Legend

- Wetlands
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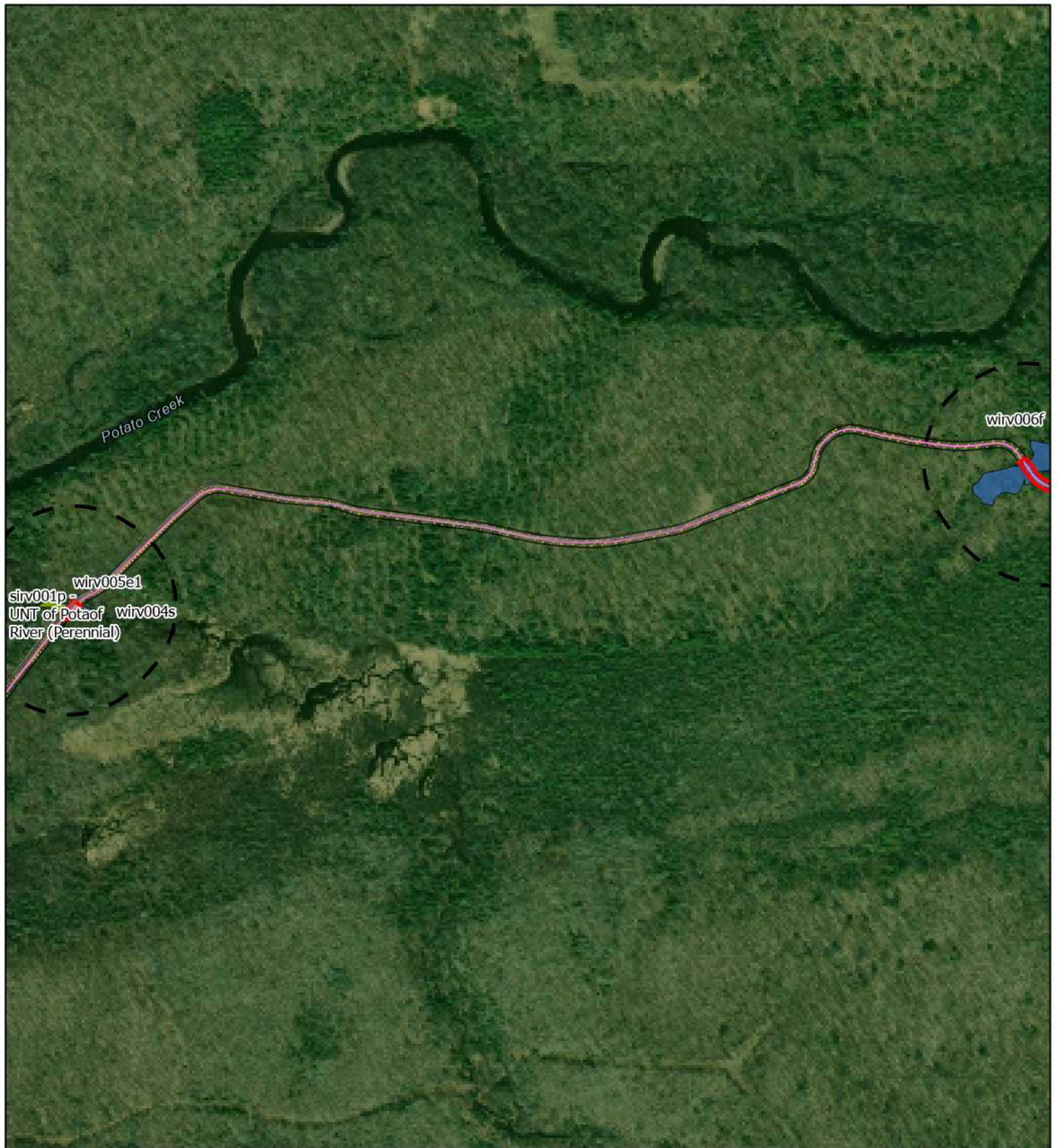


Legend

- Wetlands
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 - Ephemeral
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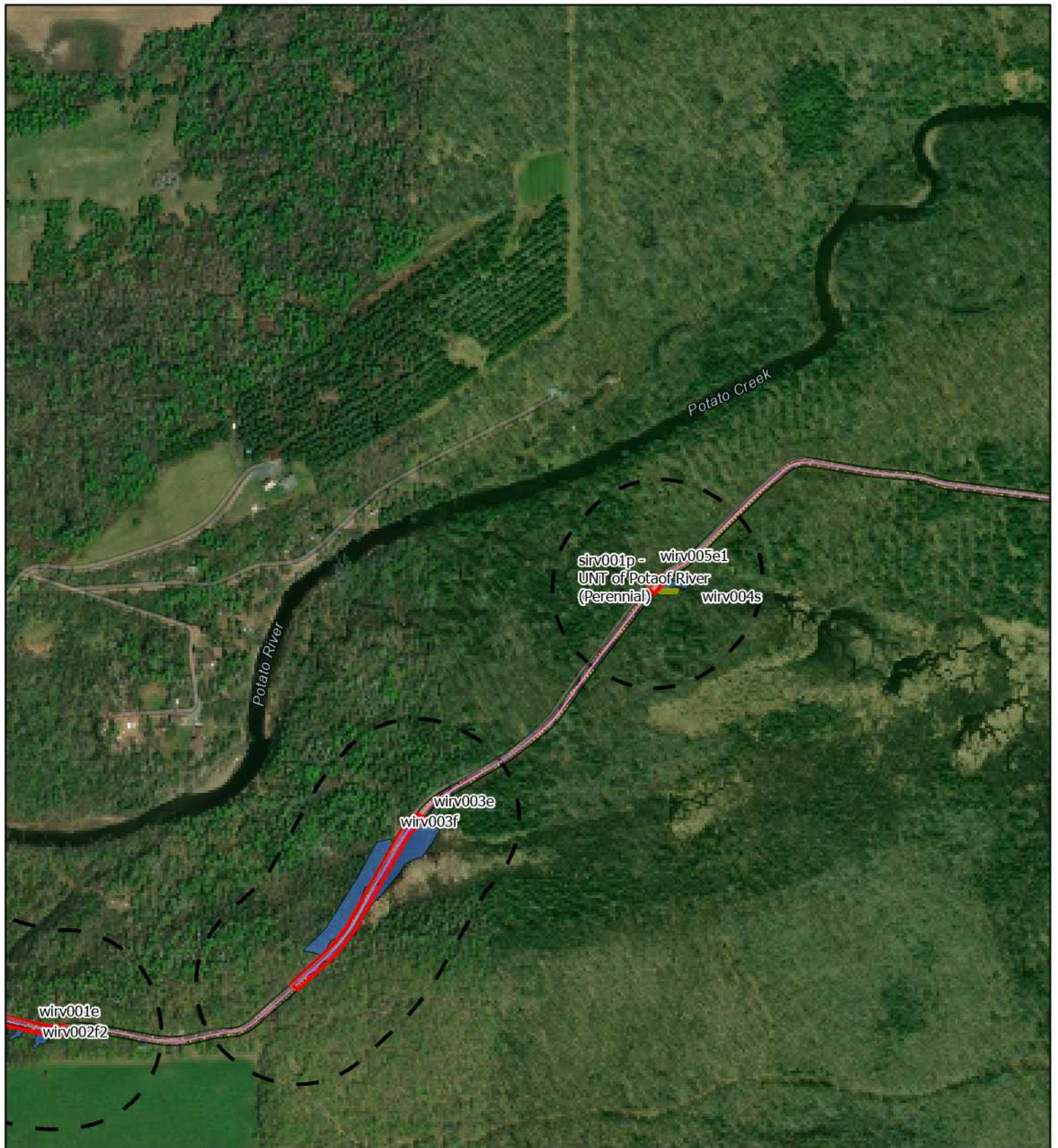


Legend

- Wetlands
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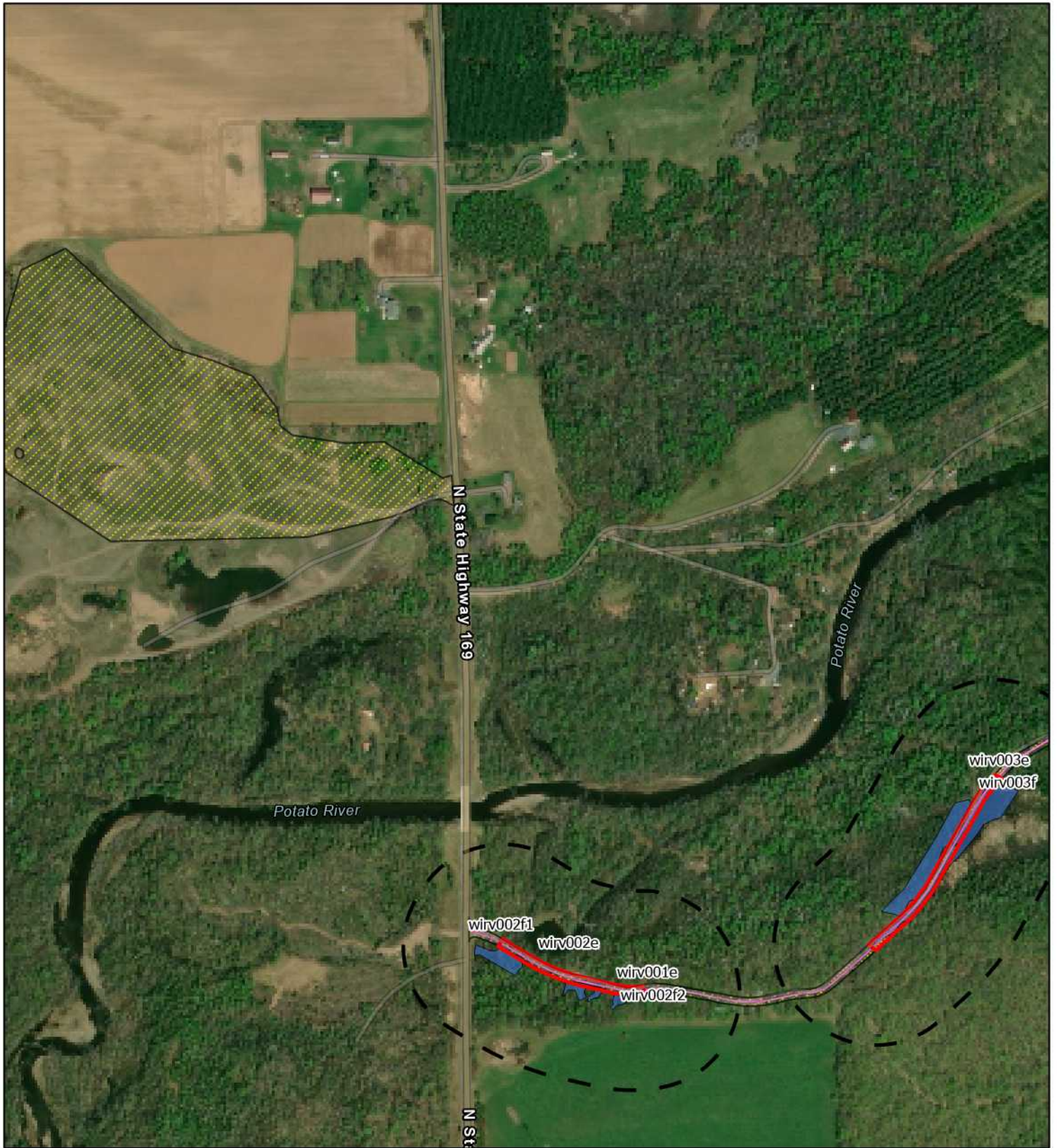


Legend

- Wetlands
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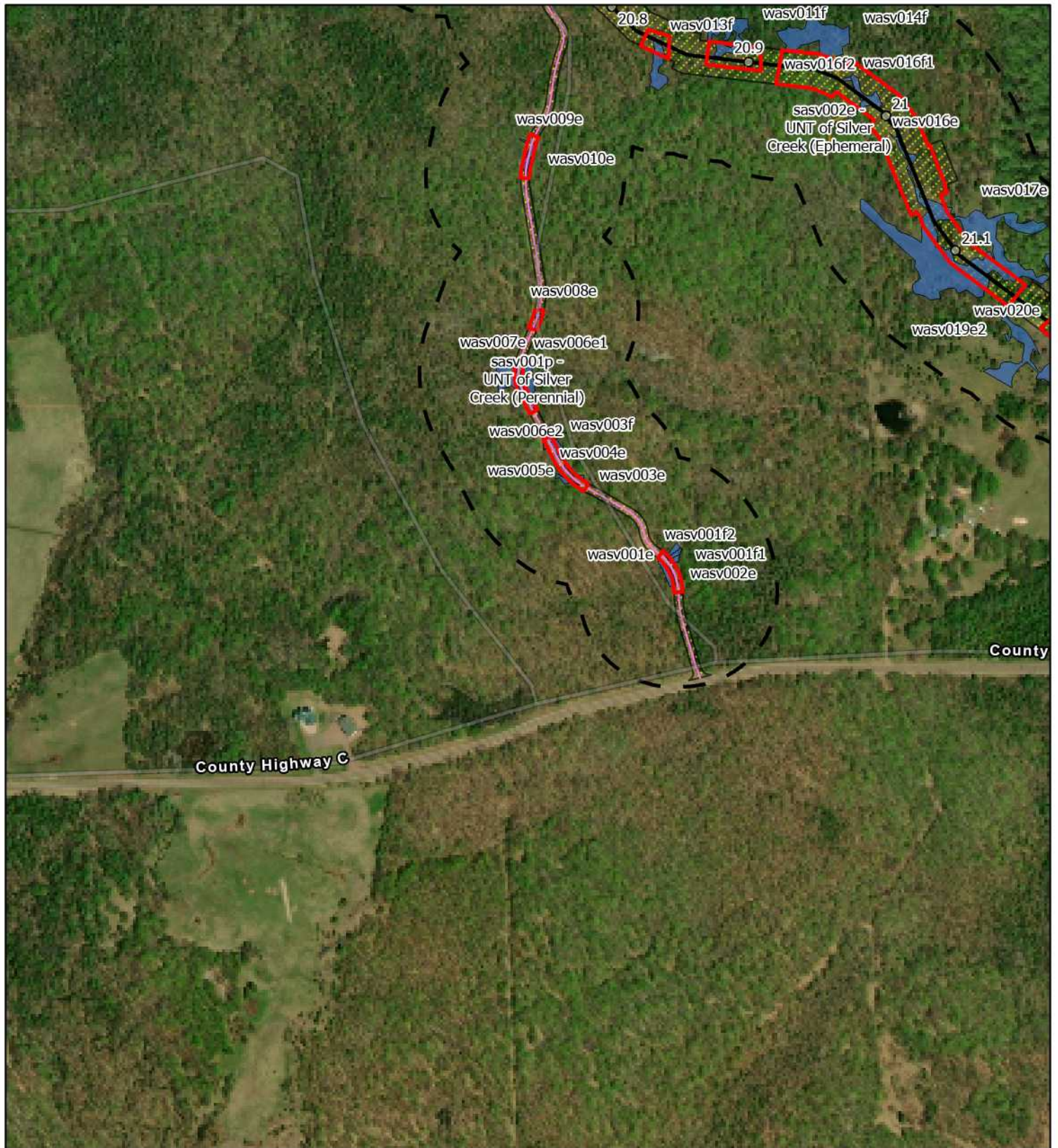


Legend

- Wetlands
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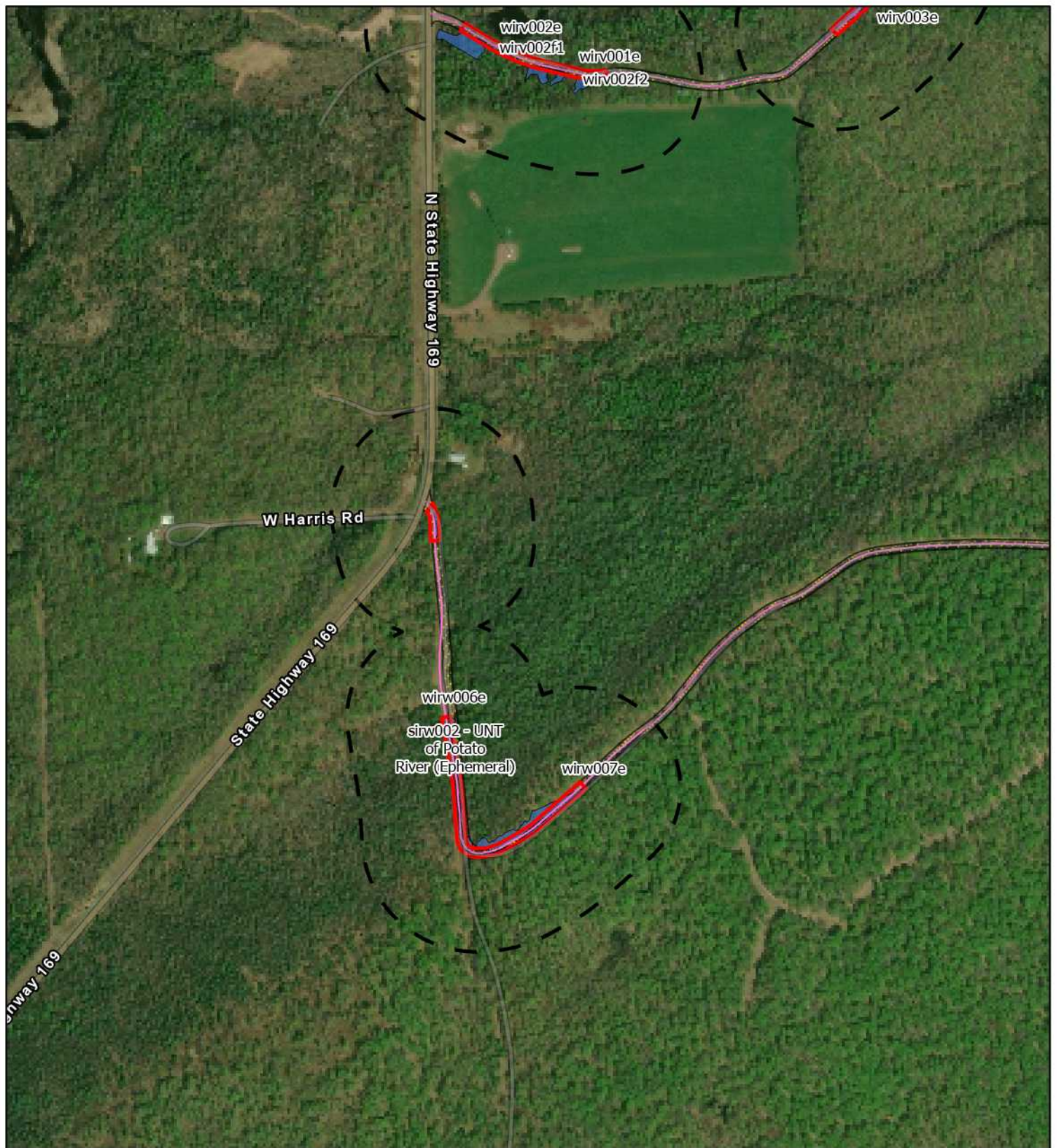
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Legend

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| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
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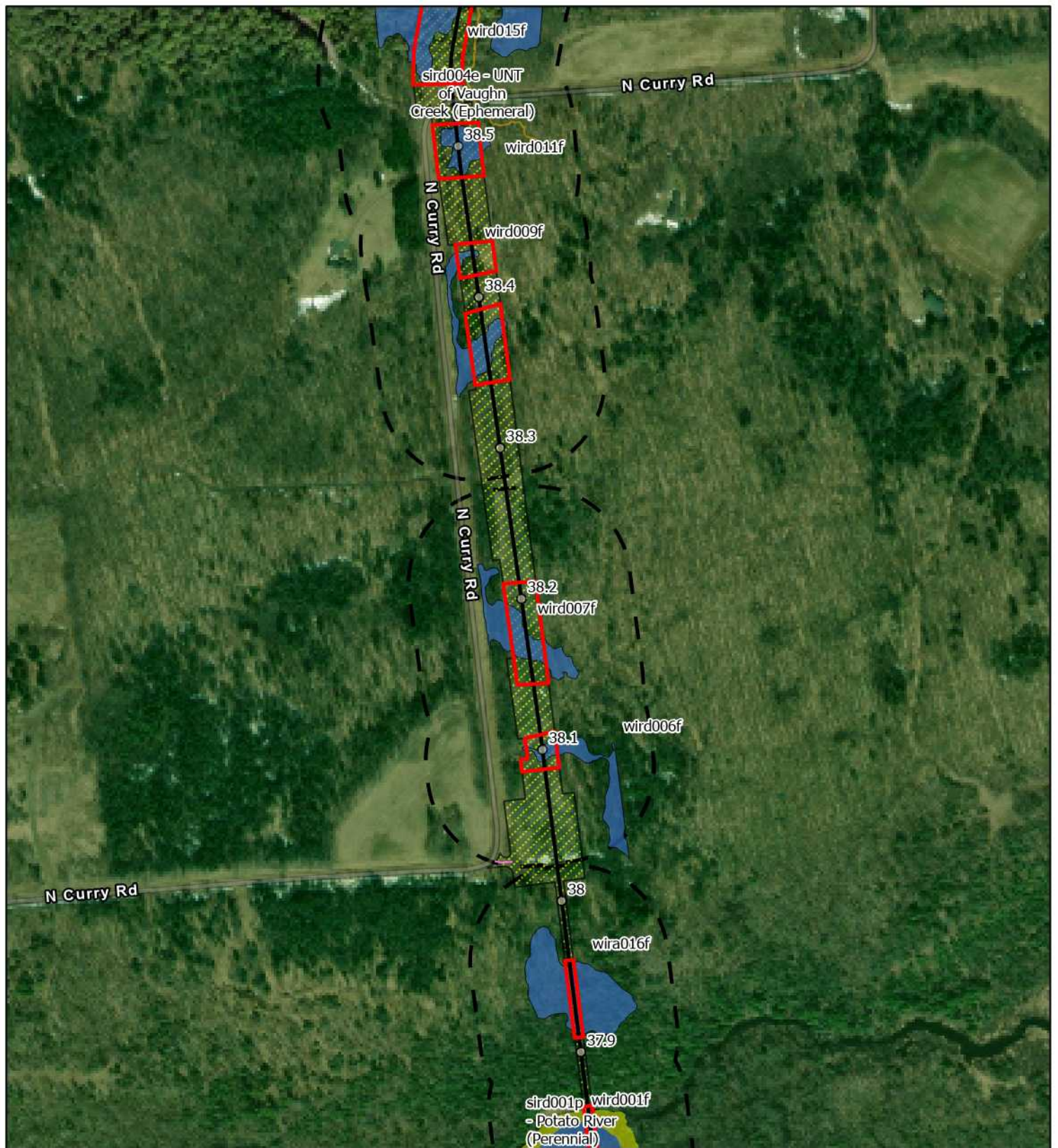


Legend

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Feet



Legend

Wetlands

Waterbodies

Ephemeral

Intermittent

Pond

Perennial

Limits Of Disturbance

USACE Permit Area

Area of Potential Effect

Valve Site

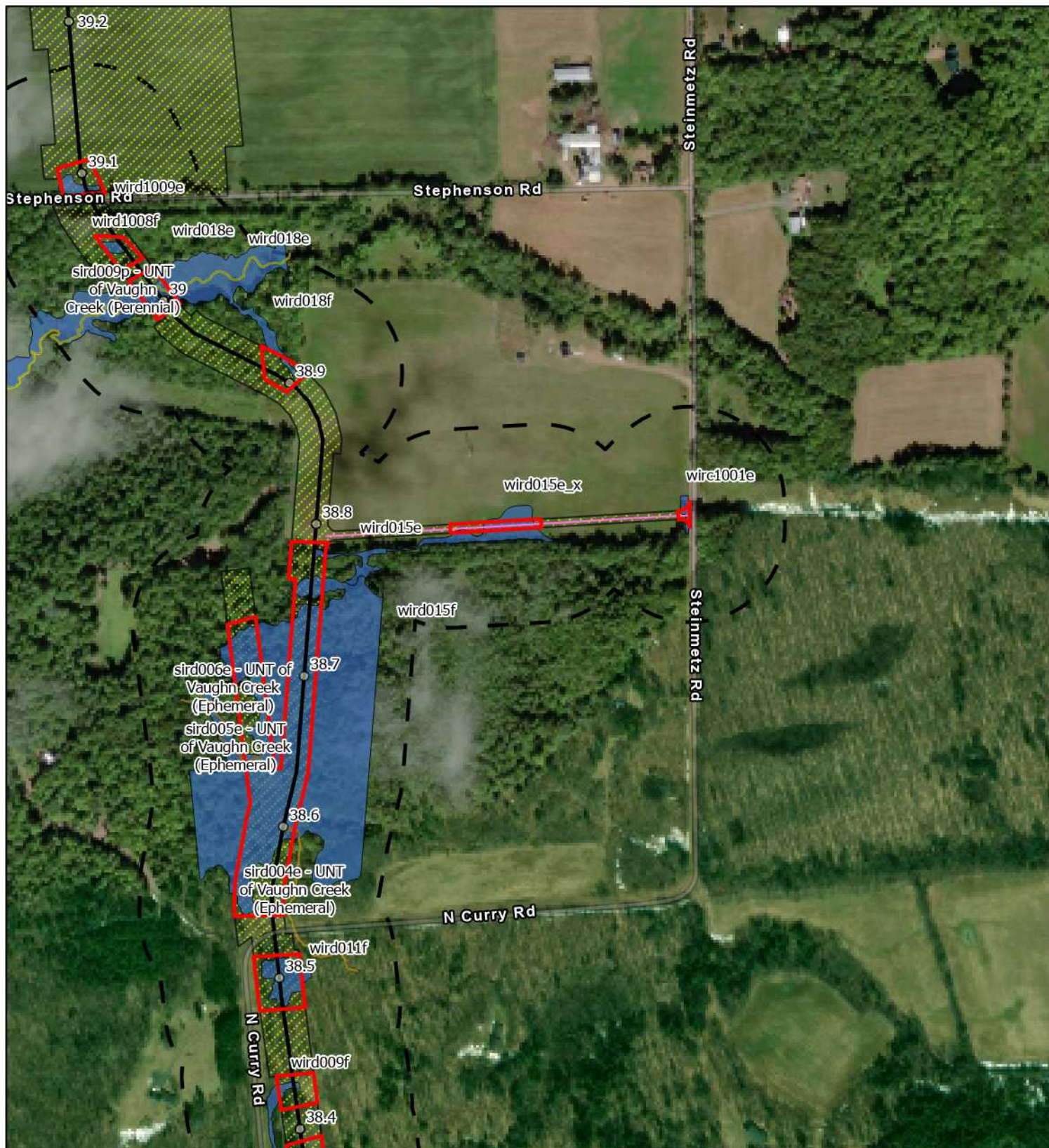
Mileposts

Line 5 Centerline

Access Road Centerlines

Proposed Mileposts





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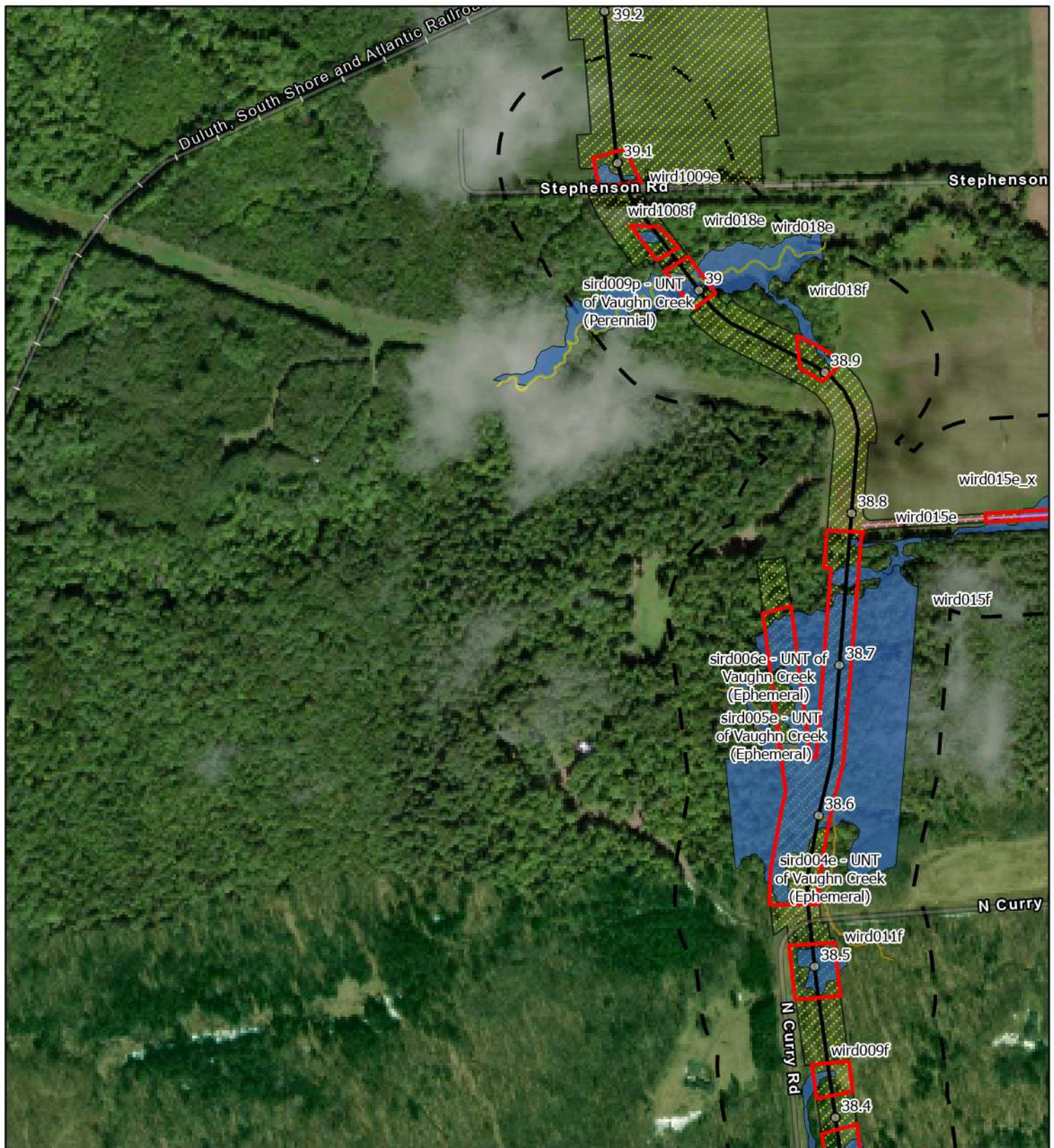


Legend

- Wetlands
- Waterbodies**
 - Ephemeral
 - Intermittent
 - Pond
 - Perennial
 - Limits Of Disturbance

- USACE Permit Area
- Area of Potential Effect
- Valve Site
- Mileposts
- Line 5 Centerline
- Access Road Centerlines
- Proposed Mileposts

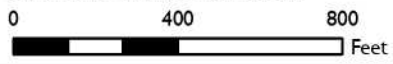




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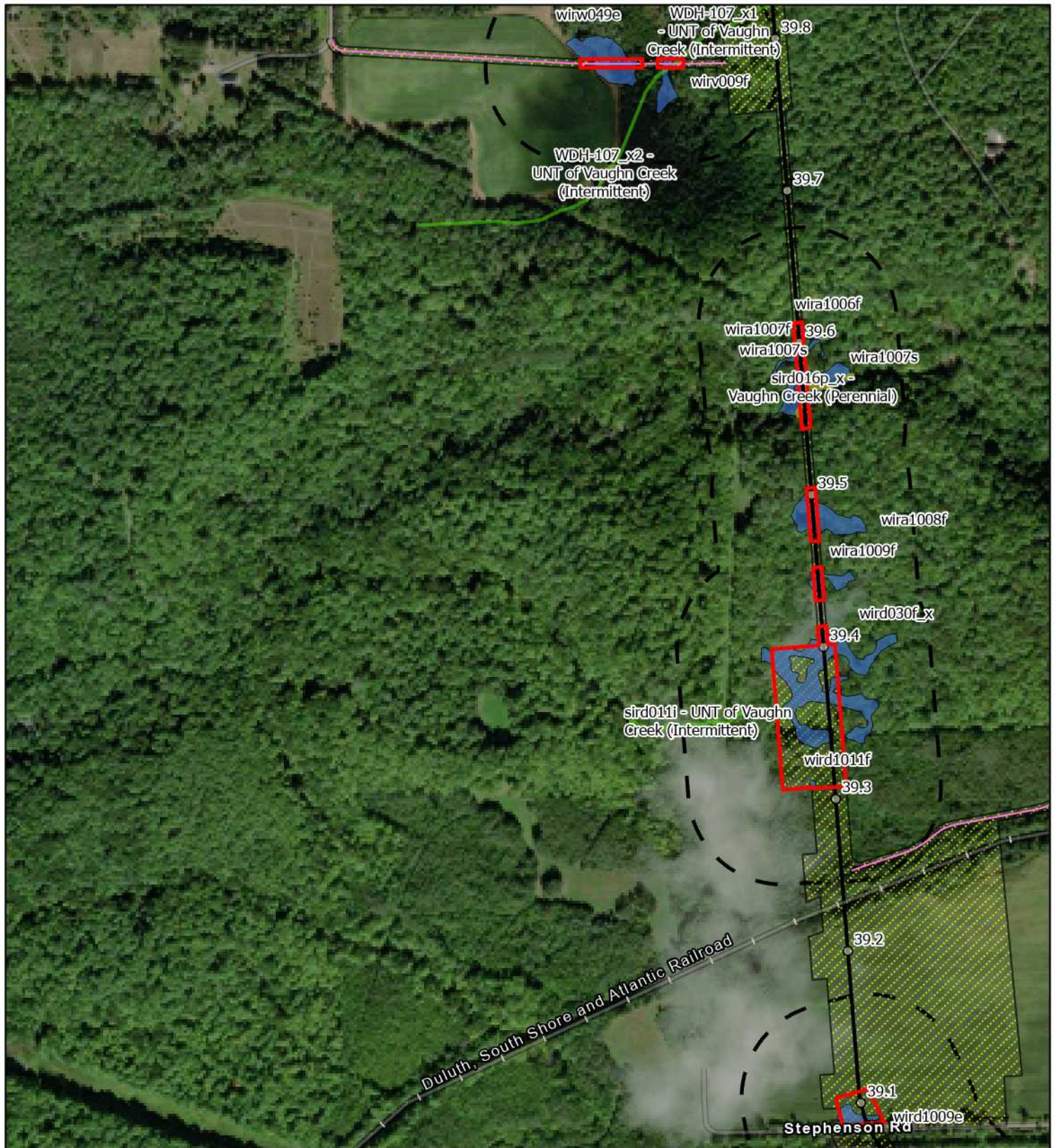
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Legend

- | | |
|---|--|
|  Wetlands |  USACE Permit Area |
| Waterbodies |  Area of Potential Effect |
|  Ephemeral |  Valve Site |
|  Intermittent |  Mileposts |
|  Pond |  Line 5 Centerline |
|  Perennial |  Access Road Centerlines |
|  Limits Of Disturbance |  Proposed Mileposts |





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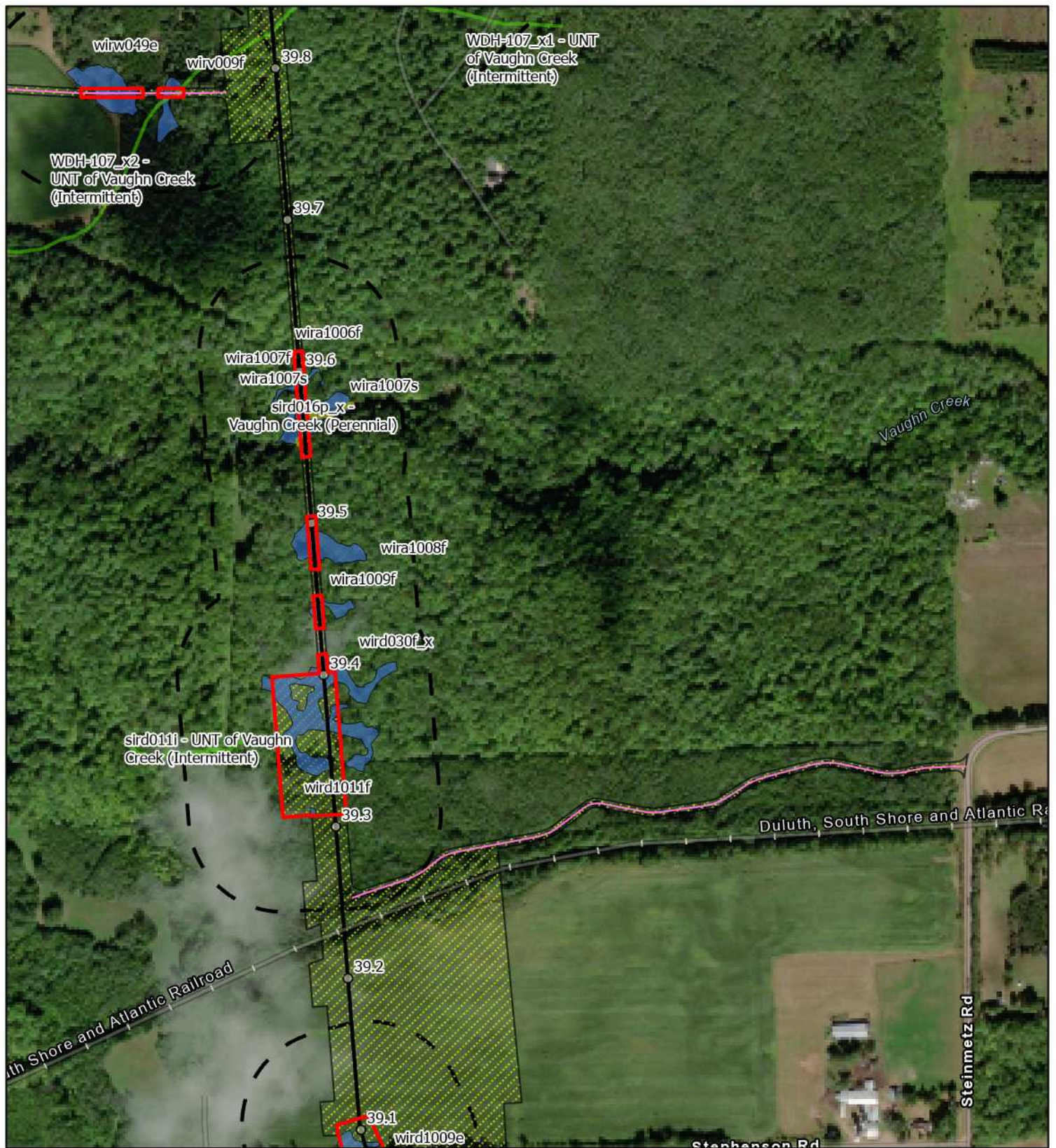


Legend

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WDH-107 .x1 - UNT of
Vaughn Creek
(Intermittent)

Vaughn Creek

Curry Rd

Duluth, South Shore and Atlantic Railroad

Steinmetz Rd



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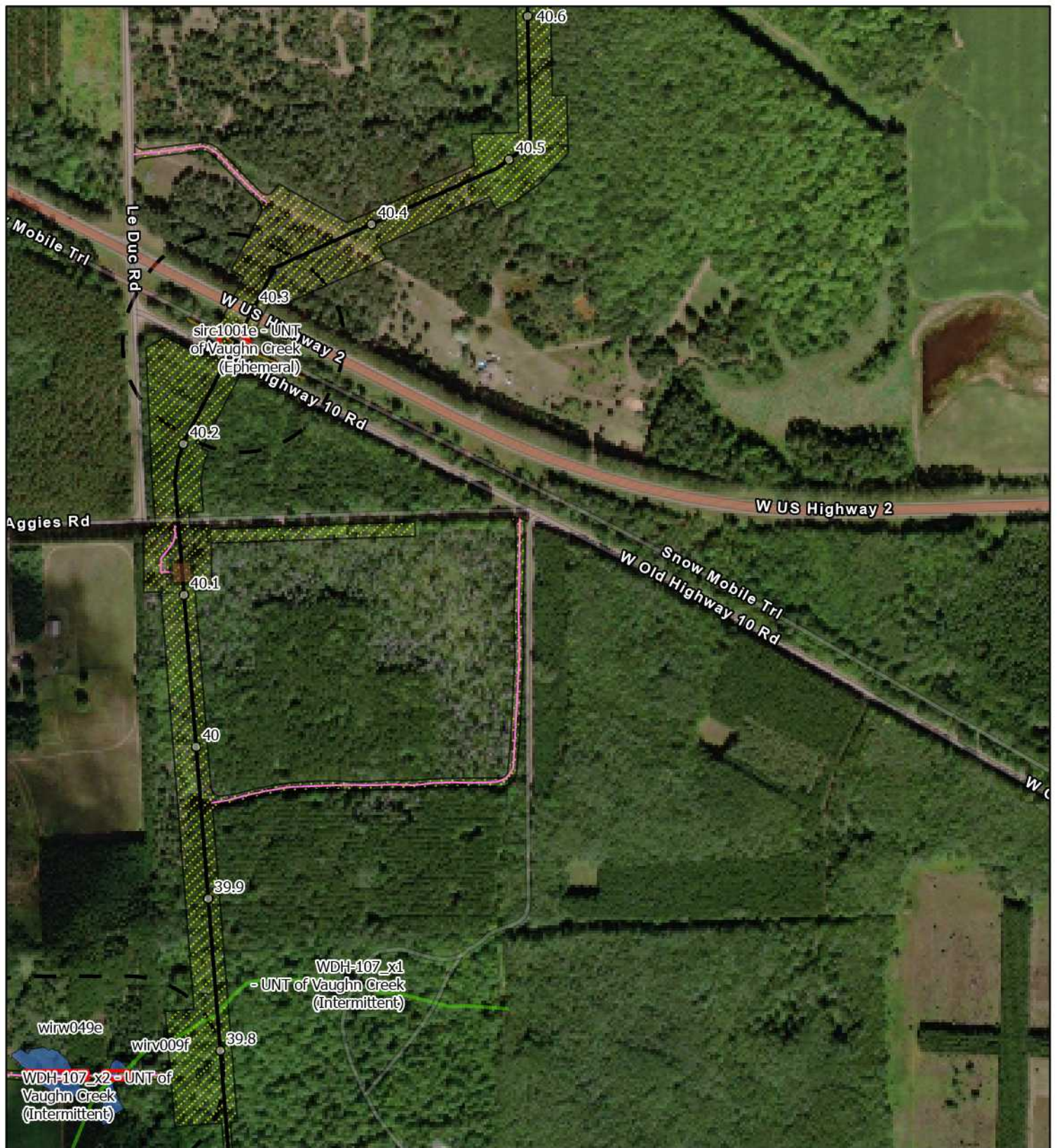


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Legend

- | | |
|-----------------------|--------------------------|
| Wetlands | USACE Permit Area |
| Waterbodies | Area of Potential Effect |
| Ephemeral | Valve Site |
| Intermittent | Mileposts |
| Pond | Line 5 Centerline |
| Perennial | Access Road Centerlines |
| Limits Of Disturbance | Proposed Mileposts |





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Feet

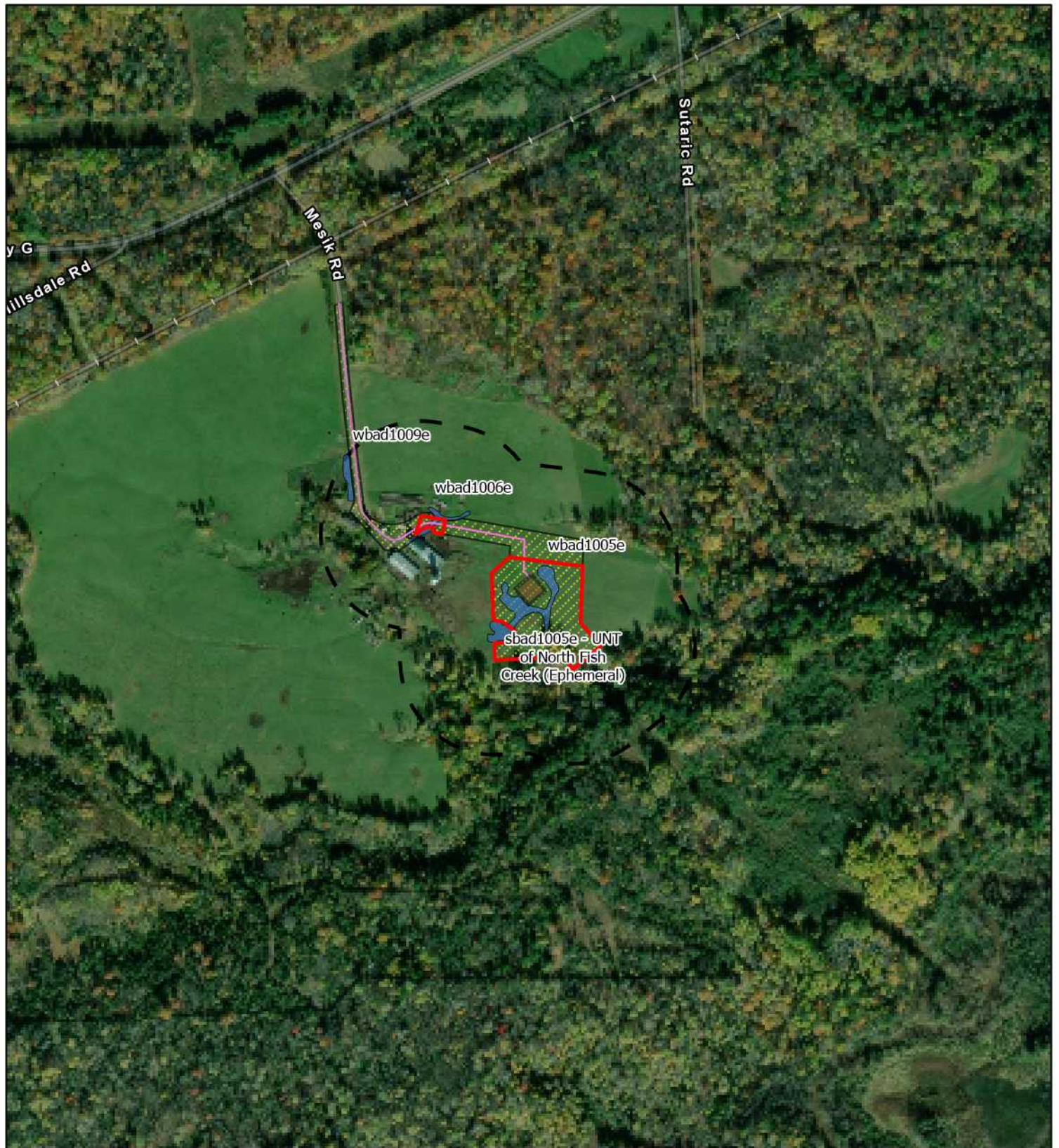


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