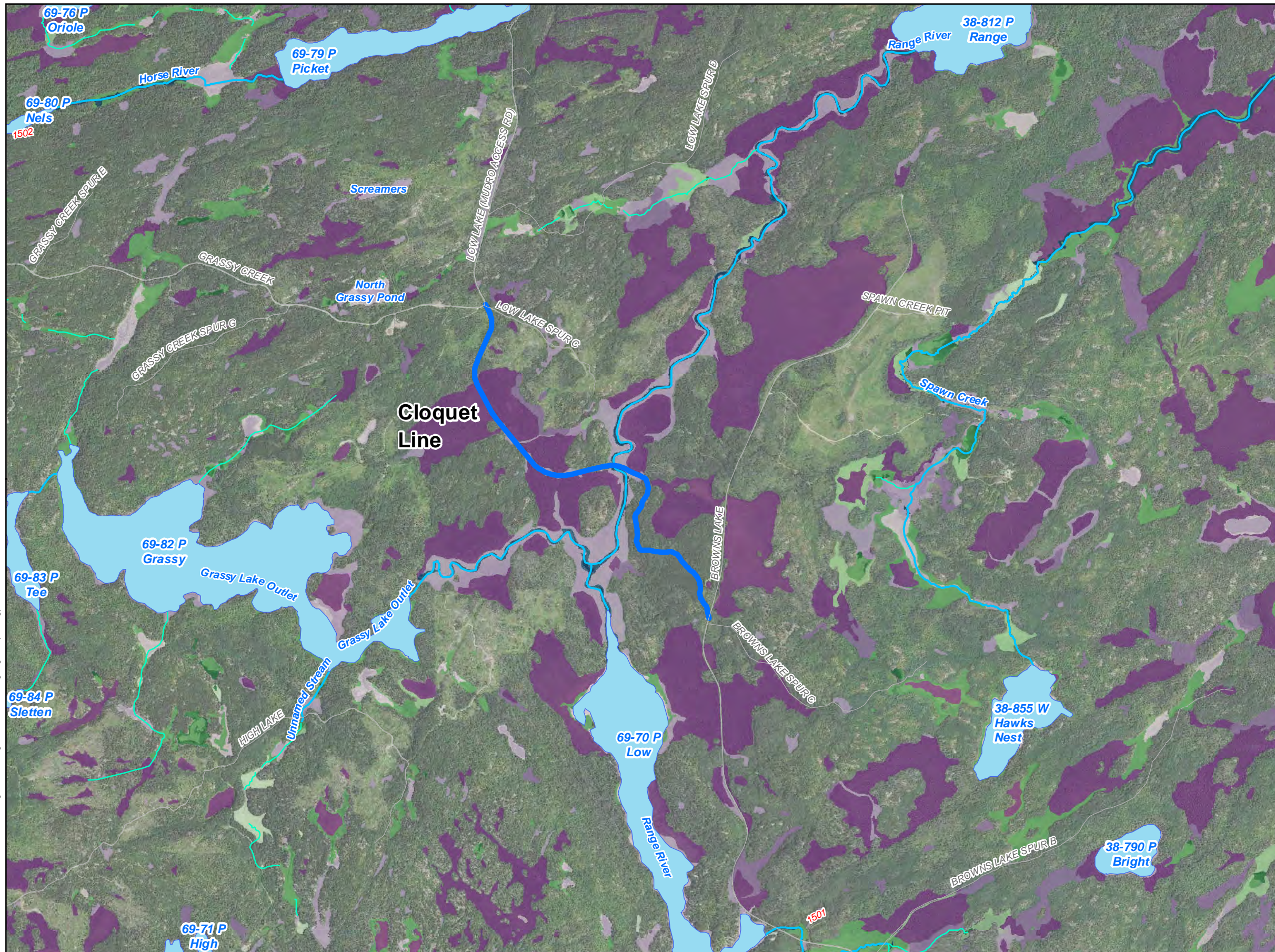


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Legend

- Proposed Project
- Non-PWI Streams

Roads/Trails

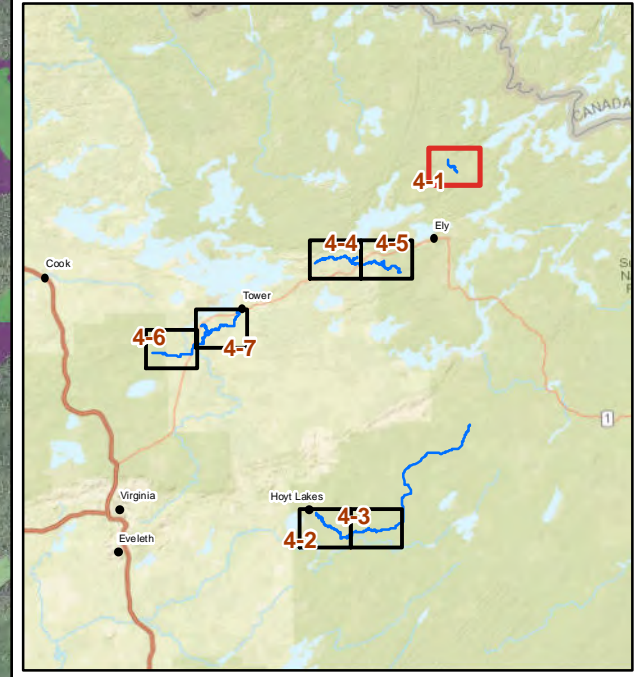
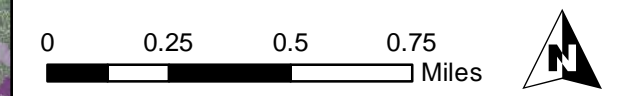
- National Forest Roads
- State Forest Roads

NWI Circular 39 Class

- 1 - Seasonally Flooded Basin or Flat
- 2 - Wet Meadow
- 3 - Shallow Marsh
- 4 - Deep Marsh
- 5 - Shallow Open Water
- 6 - Shrub Swamp
- 7 - Wooded Swamp
- 8 - Bog
- Riverine Systems

Public Waters / Watercourses

- Public Watercourse, Non-Trout Stream
- PWI Basins



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Project: ELYMN 163379
Print Date: 12/7/2022

Map by: btolcser
Projection: NAD83 UTM15N
Source: MnDNR, SEHinc, Prospector
Background: FSA 2021

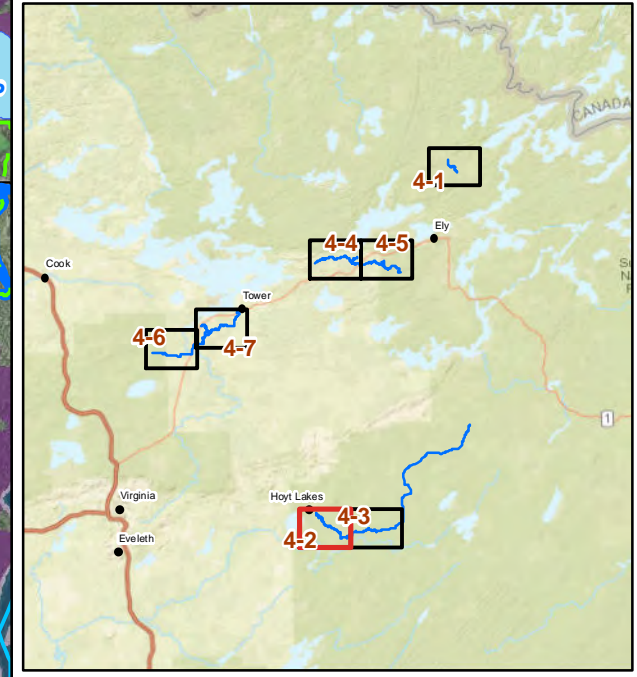
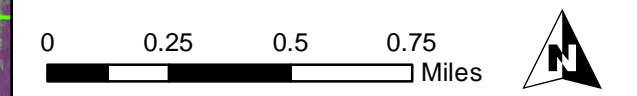
Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Path: X:\AE\EL\YMN\163379\5-final-dsgn\51-drawings\90-GIS\EA\W_Fig4-2_Hydrology.mxd



- Legend**
- Proposed Project
 - Non-PWI Streams
- Roads/Trails**
- National Forest Roads
 - State Forest Roads
 - Bird Lake Ski Trails
- NWI Circular 39 Class**
- 1 - Seasonally Flooded Basin or Flat
 - 2 - Wet Meadow
 - 3 - Shallow Marsh
 - 4 - Deep Marsh
 - 5 - Shallow Open Water
 - 6 - Shrub Swamp
 - 7 - Wooded Swamp
 - 8 - Bog
 - Riverine Systems
- Public Waters / Watercourses**
- Public Watercourse, Non-Trout Stream
 - PWI Basins



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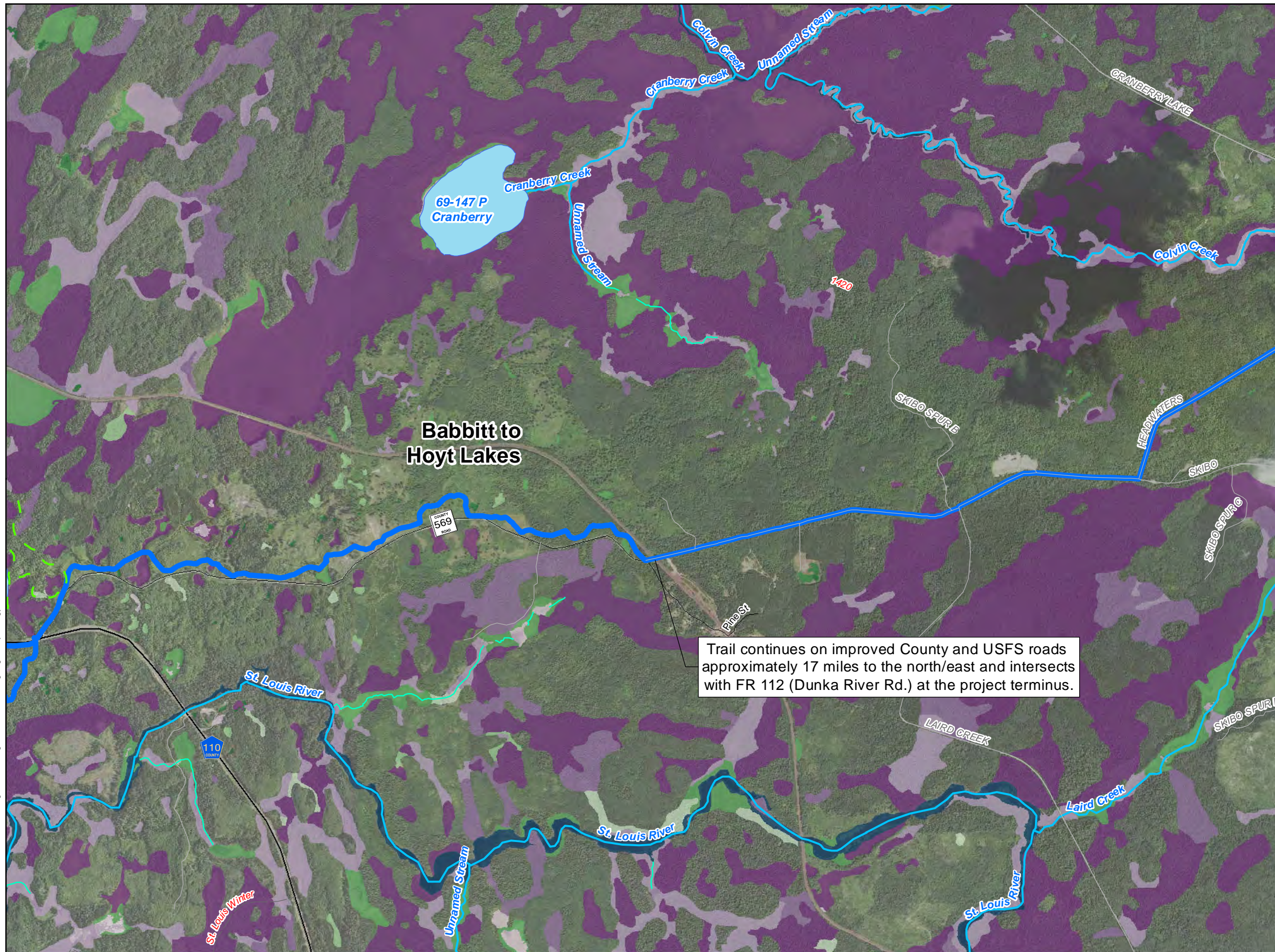
Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Hydrology Map

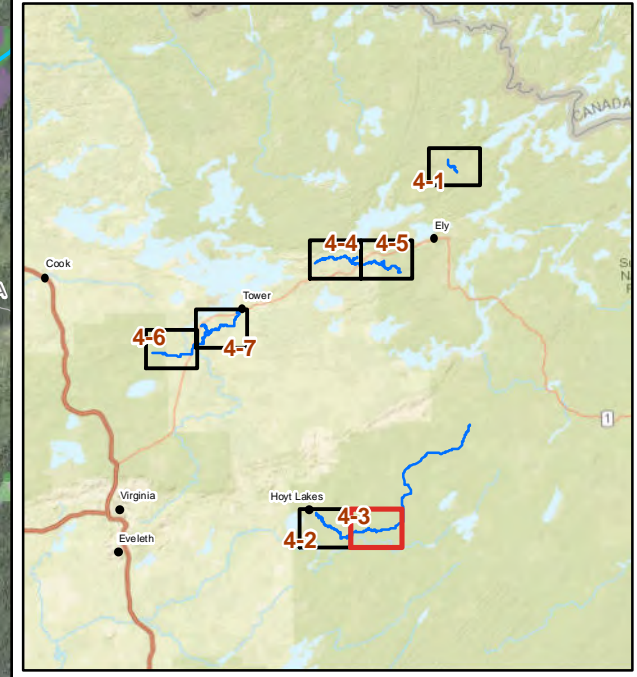
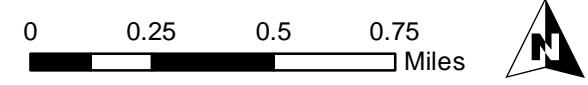
Figure 4-2

Path: X:\AE\EL\YMN\163379\5-final-dsgn\51-drawings\90-GIS\EA\W_Fig1fg04_Hydrology.mxd



Trail continues on improved County and USFS roads approximately 17 miles to the north/east and intersects with FR 112 (Dunka River Rd.) at the project terminus.

- Legend**
- Proposed Project
 - Non-PWI Streams
- Roads/Trails**
- National Forest Roads
 - State Forest Roads
 - Bird Lake Ski Trails
- NWI Circular 39 Class**
- 1 - Seasonally Flooded Basin or Flat
 - 2 - Wet Meadow
 - 3 - Shallow Marsh
 - 4 - Deep Marsh
 - 5 - Shallow Open Water
 - 6 - Shrub Swamp
 - 7 - Wooded Swamp
 - 8 - Bog
 - Riverine Systems
- Public Waters / Watercourses**
- Public Watercourse, Non-Trout Stream
 - PWI Basins



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Project: ELYMN 163379
 Print Date: 12/7/2022
 Map by: btolcser
 Projection: NAD83 UTM15N
 Source: MnDNR, SEHinc, Prospector
 Background: FSA 2021

Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Path: X:\AE\EL\YMN163379\5-final-dsgn\51-drawings\90-GIS\EA\W_Figstfg04_Hydrology.mxd



Legend

- Proposed Project
- Non-PWI Streams

Roads/Trails

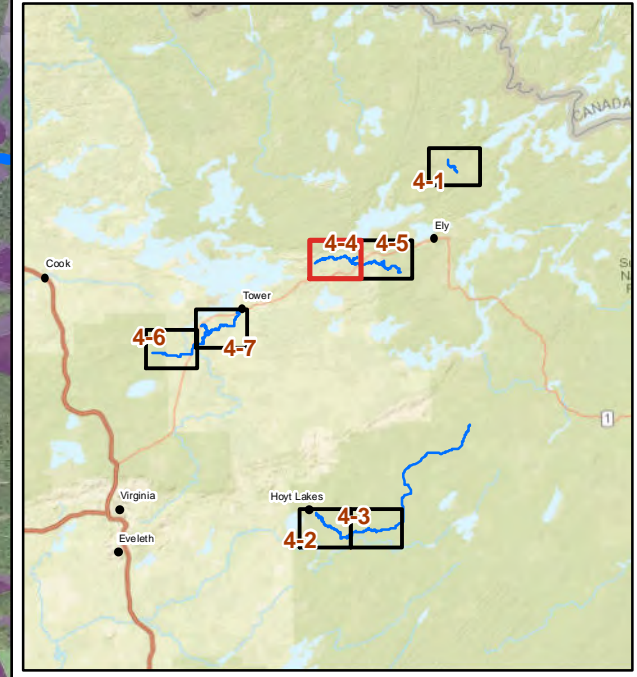
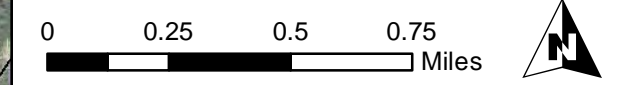
- National Forest Roads
- State Forest Roads

NWI Circular 39 Class

- 1 - Seasonally Flooded Basin or Flat
- 2 - Wet Meadow
- 3 - Shallow Marsh
- 4 - Deep Marsh
- 5 - Shallow Open Water
- 6 - Shrub Swamp
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- Riverine Systems

Public Waters / Watercourses

- Public Watercourse, Non-Trout Stream
- PWI Basins



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Map by: btolcser
Projection: NAD83 UTM15N
Source: MnDNR, SEHinc, Prospector
Background: FSA 2021

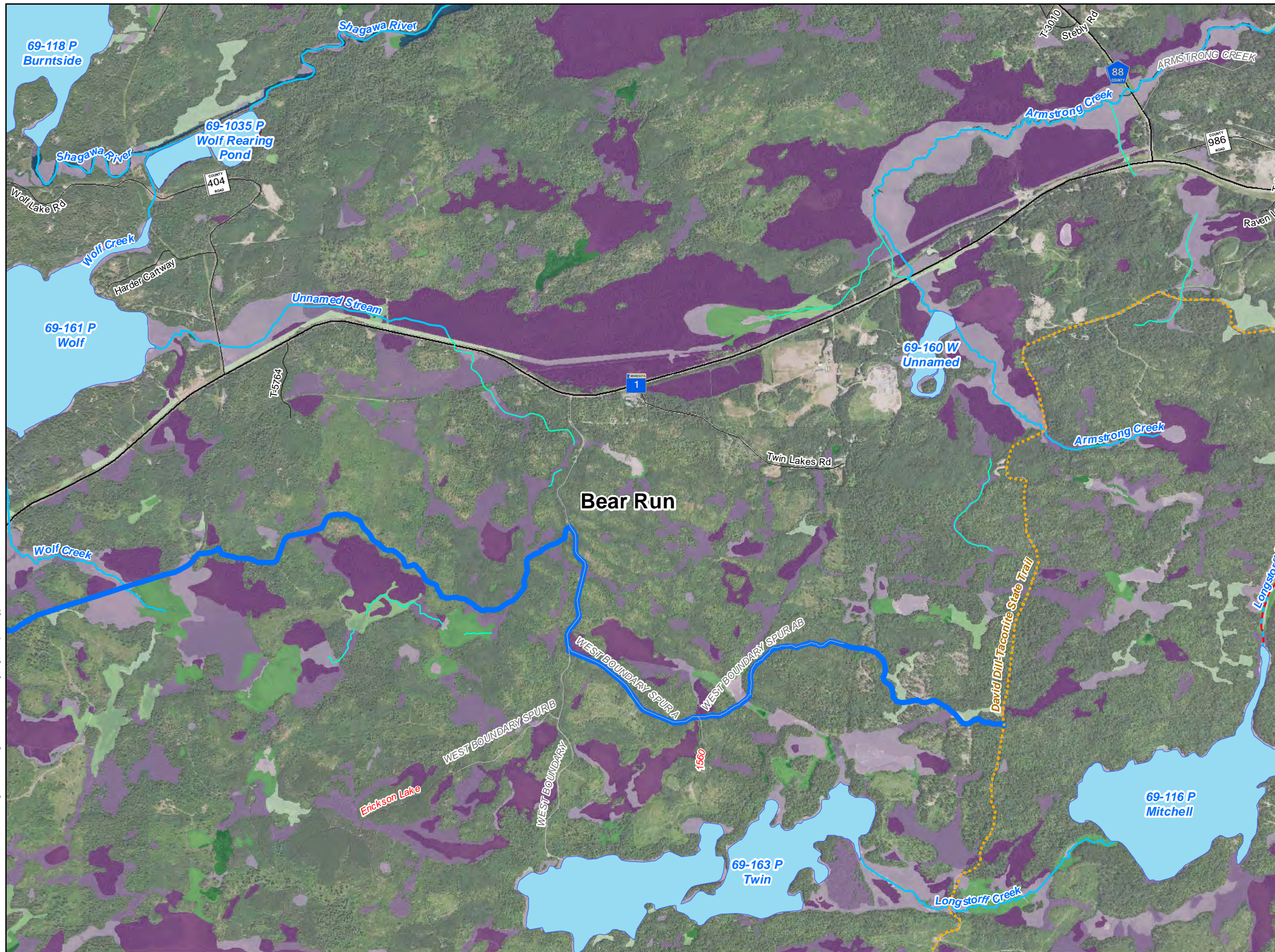
Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Hydrology Map

Figure 4-4

Path: X:\AE\EL\YMN163379\5-final-dsgn\51-drawings\90-GIS\EA\W_Fig1fg04_Hydrology.mxd



Legend

- Proposed Project (Blue line)
- Non-PWI Streams (Cyan line)

Roads/Trails

- Minnesota State Trails (Dashed orange line)
- National Forest Roads (Thin black line)
- State Forest Roads (Thick black line)

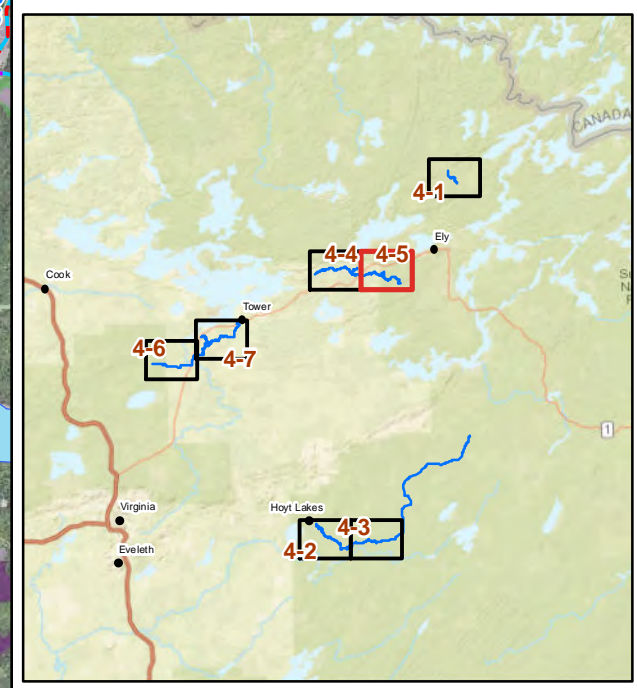
NWI Circular 39 Class

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- 2 - Wet Meadow
- 3 - Shallow Marsh
- 4 - Deep Marsh
- 5 - Shallow Open Water
- 6 - Shrub Swamp
- 7 - Wooded Swamp
- 8 - Bog
- Municipal and Industrial Activities (Dark red area)
- Riverine Systems (Dark blue area)

Public Waters / Watercourses

- Public Watercourse, Non-Trout Stream (Cyan line)
- Public Watercourse, Trout Stream Tributary (Cyan line with red dashes)
- Public Watercourse, Trout Stream (Cyan line with blue dashes)
- PWI Basins (Light blue area)

0 0.25 0.5 0.75 Miles



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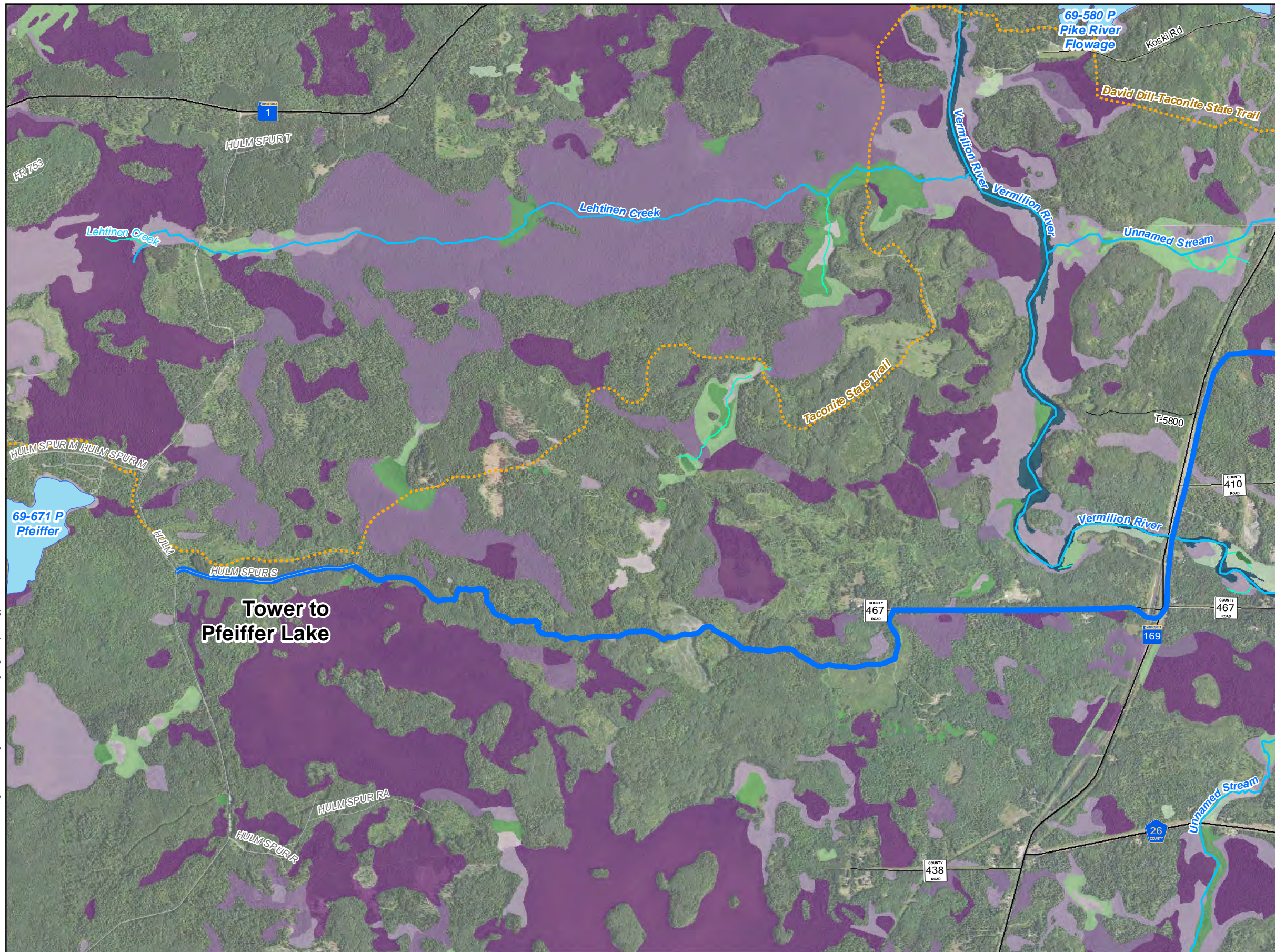
Project: ELYMN 163379
 Print Date: 12/7/2022

Map by: btolcser
 Projection: NAD83 UTM15N
 Source: MnDNR, SEHinc, Prospector
 Background: FSA 2021

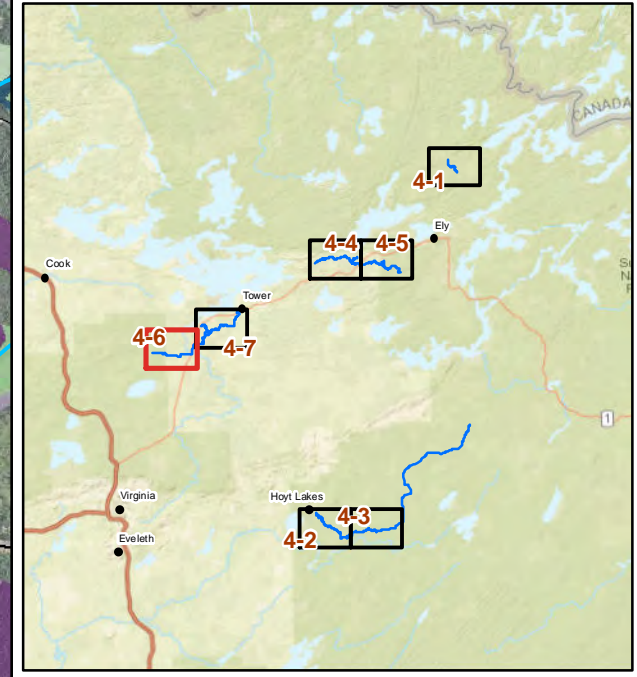
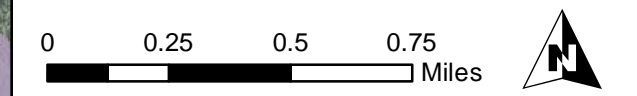
Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Path: X:\AE\EL\YMN\163379\5-fnal-dsgn\51-drawings\90-GIS\EA\W_Figs\Fig04_Hydrology.mxd



- Legend**
- Proposed Project
 - Non-PWI Streams
- Roads/Trails**
- - - David Dill - Arrowhead State Trail
 - - - Minnesota State Trails
 - National Forest Roads
- NWI Circular 39 Class**
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 - Riverine Systems
- Public Waters / Watercourses**
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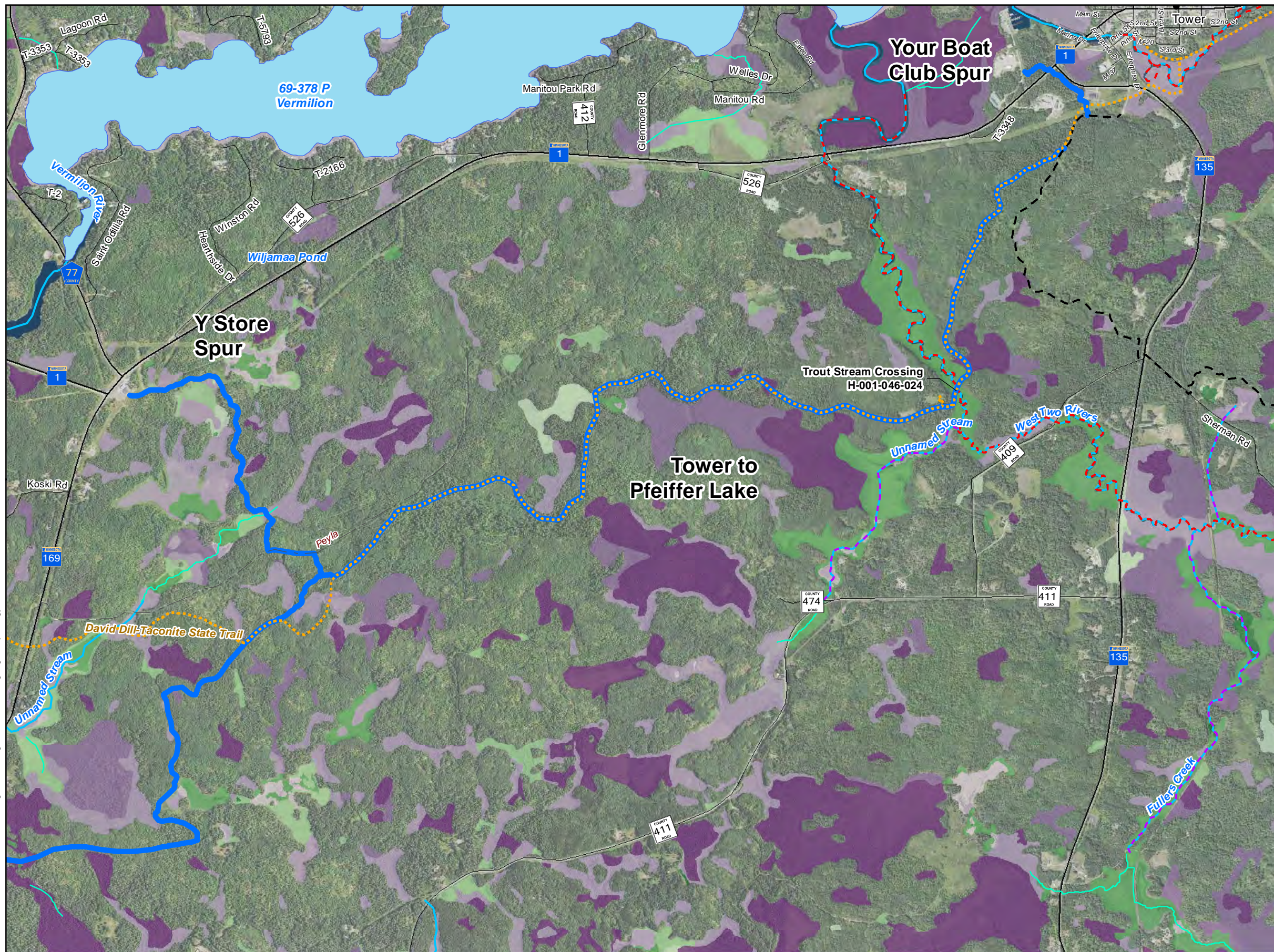
Project: ELYMN 163379
Print Date: 12/7/2022

Map by: btolcser
Projection: NAD83 UTM15N
Source: MnDNR, SEHinc, Prospector
Background: FSA 2021

Prospector ATV Trail - Phase 2

St. Louis County, Minnesota

Path: X:\AE\ELLYMN\163379\5-fnal-dsgn\51-drawings\90-GIS\SEAW_Fig4-7_Hydrology.mxd



Legend

- Proposed Project
- Non-PWI Streams

Roads/Trails

- Minnesota State Trails
- County Forest Management Roads (draft data)
- Existing Prospector Trail

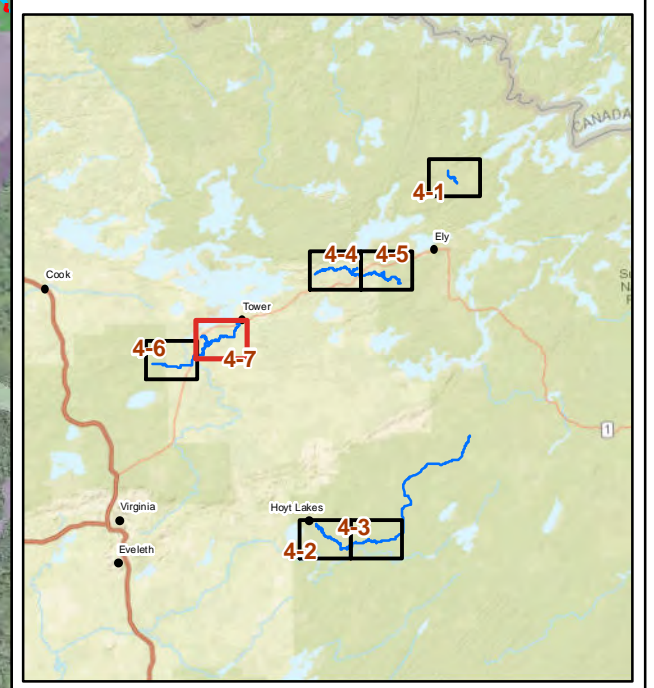
NWI Circular 39 Class

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- 5 - Shallow Open Water
- 6 - Shrub Swamp
- 7 - Wooded Swamp
- 8 - Bog
- Riverine Systems

Public Waters / Watercourses

- Public Watercourse, Non-Trout Stream
- Public Watercourse, Trout Stream Tributary
- Public Watercourse, Trout Stream
- Non-PWI, Trout Stream
- PWI Basins

0 0.25 0.5 0.75 Miles



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Prospector ATV Trail - Phase 2

St. Louis County, Minnesota