

North St. Louis River Communities

Hibbing, Chisholm, Virginia, Mt.
Iron, Eveleth, Gilbert, Kinney,
Buhl, Aurora, Hoyt Lakes, Biwabik,
Babbitt, Iron Junction, McKinley,
and Leonidas



North St. Louis Resources

- Headwaters of the St. Louis River Watershed
- East & West Swan River
- East & West Two River
- Embarrass River



North St. Louis- What's on the horizon?

- Mining is active and there is occasional mine expansions; additional permit to mine areas are in process to begin operations
- Increasing development on lakeshores





North St. Louis-
What work is being
done?

- Shoreline Restorations
- Forestry
- Surface Water Monitoring
- Outreach

North St. Louis- Planning Area Justification

This northern section is where many historic and active mining operations are located; as a result, there are numerous municipalities scattered throughout the Mesabi Iron Range.



Cloquet River Communities

Brimson and
townships; small
portion of
Hermantown and Rice
Lake



Cloquet River Resources

- Cloquet River
- Island Lake Reservoir
- Boulder Lake Reservoir
- Fish Lake
- Wild Rice Lake
- Grand Lake



Cloquet River- What's on the horizon?

- Forest
Fragmentation
- Forest Changes /
Spruce budworm
- Increasing
Development
Pressure





Cloquet River -
What work is being
done?

- Shoreline Protection
- Forestry
- Surface Water Monitoring

Cloquet River- Planning Area Justification

The focus of this watershed is protection. We are also considering combining the Cloquet watershed with the small Toimi portion of the St. Louis River watershed because the areas are predominantly rural and forested. Much of this area is protected by public land.



South St. Louis River Communities

Meadowlands, Floodwood,
Cloquet/Scanlon, Carlton,
Wrenshall, Esko



South St. Louis Resources

- St. Louis River
- Floodwood River
- Whiteface
- Sax Zim Bog
- Midway River
- Pine River
- Many small cold-water tributaries
- Thomson Reservoir



South St. Louis- What's on the horizon?

- Population Growth and Development
- Continued Agriculture
- Passed Ditching/Drainage & Current Wetland Impacts (Development)



South St. Louis- What work is being done?

- Forestry & Riparian Forest Buffers
- Stormwater Planning
- Ag BMPs
- Stream Connectivity Work (Culverts)
- Wetland Restorations and Protection





South St Louis Planning Area Justification

This area has a large amount of historical ditching impacts from past and present agriculture activities

Duluth Urban Communities

City of Duluth, Cities of
Rice Lake and
Hermantown, Townships



Duluth Urban Resources

- St Louis River
Estuary and Lake
Superior Tributaries
- 16 Urban Trout
Streams
- Talmadge, French,
Sucker, & Schmidt
Rivers



Duluth Urban - What's on the horizon?

- Development
- Population
Expansion



Duluth Urban- What work is being done?

- Subwatershed Planning
- Stream Assessments
- Stream Restoration
- Connectivity Work
(Culverts)
- Urban Stormwater BMPs



Duluth Urban Planning Area Justification

This area has a
convergence of
high-quality
resources and
urban threats.



Fond du Lac Reservation



Fond du Lac Resources

- St. Louis River
- Otter Creek
- Big Lake
- Wild Rice Lakes:
Rice Portage, Perch,
Deadfish



Fond du Lac- What's on the horizon?

- Past ditching and current pipeline expansion and wetland impacts
- Headwater forest changes (emerald ash borer)
- Sustainable forestry
- Non-point source pollution



Fond du Lac- What work is being done?

- Surface Water Monitoring
- Sustainable forestry practices
- Stream connectivity work (culverts and bridges)
- New drinking water system to replace private wells
- Ditch maintenance to protect wild rice waters



Fond du Lac Planning Area Justification

- Sovereign Nation
- Water Quality
Standards

