

Draft  
**North Central Minnesota LCCMR Site Visits**

Wednesday, July 17 and Thursday, July 18, 2013

Agenda subject to change

**Day 1 focus areas:** Water quality, contaminants of emerging concern, aquatic habitat, hydro power, forest changes, state parks, conversion of forestry areas to crops, state recreation areas, forest research, SNAs

**Day 2 focus areas:** Shoreland, environmental education, energy savings, renewable energy, geology, county geologic atlas program, State Recreation Area, Lake Mille Lacs, fisheries, aquatic invasive species

**Day 1 - Wednesday, July 17, 2013**

**Mississippi River at St. Cloud State University campus** – Topics:

1. ENRTF research on water quality (Contaminants of emerging concern - endocrine disruptors)
2. Aquatic habitat in Mississippi River
3. Aquatic invasive species (AIS)
4. St. Cloud Dam – series of Mississippi River dams/hydro power - largest city owned dam in MN

**Crow Wing State Park** – Topics:

1. Park attractions - old town site and new board walk
2. ENRTF funded acquisitions

Box lunch

**Byron Township** (north of Staples) – Topics:

1. Conversion from forest to potato fields - 1500 acre acquisition of forestry land from Potlatch Corporation and conversion into crops (potato rotation) irrigation, ground water impacts, hydrological changes and water quality
2. Forestry - natural resource benefits of forestry land in terms of water quality, wildlife habitat and CO2 sequestration, climate change and vegetation transition zone

**LaSalle Lake State Recreation Area** – Topics:

1. State Recreation Area ENRTF acquisition funding
2. Joint DNR division management – Parks/SNA/WMA
3. Deep water lake habitat
4. Future land management and development plans

**Itasca State Park** – Topics:

1. Long term forest research plots; biomass harvest effects on nutrient poor and nutrient rich soils; potential Emerald Ash Boer effects on Black ash forests including hydrological effects; old growth forests (U of M, USFS, DNR)
2. Itasca State Park overview
3. Itasca Wilderness Sanctuary SNA

Check-in to rooms in Itasca State Park Douglas Lodge and cabins, dinner on own at Douglas Lodge, evening to explore and enjoy the park

**Day 2 - Thursday, July 18, 2013**

**Sensitive Shoreland/CassCounty –Topics:**

1. Identifying sensitive shoreland
2. Updating county planning and zoning
3. Shoreland donate easement program Leech Lake Area Watershed Foundation

**Deep Portage Environmental Learning Center – Topics:**

1. Environmental programming
2. Renewable energy-ENRTF funding
3. Habitat management

Lunch

**Cuyuna State Recreation Area – Topics:**

1. Geology - former iron mining, Emily manganese mine and Milford mine disaster
2. Crow Wing County Geologic Atlas - surface and ground water
3. State Recreation Area (SRA) – mountain biking attraction

**Lake Mille Lacs – Malmo Public Water Access – Topics:**

1. Lake Mille Lacs fisheries
2. Aquatic invasive species