

## LCCMR North Central Minnesota Site visits

Wednesday July 17 and Thursday July 18, 2013

Site	Topics	Presenters
<b>Wednesday July 17, 2013</b>		
<b>1 - Mississippi River at St. Cloud State University campus)</b>  <i>1 hour</i>	<b>Mississippi River – St. Cloud</b> <ul style="list-style-type: none"> <li>- Water quality and contaminants of emerging concern</li> <li>- Water quality monitoring in rivers</li> <li>- Hydro power</li> <li>- Dams and river fisheries and other aquatic habitat</li> </ul>	<b>Heiko Schoenfuss</b> , Professor, Director, Aquatic Toxicology Laboratory, St. Cloud State University  <b>Tony Dingman</b> , PCA  <b>Helen Goeden</b> , MDH, Toxicologist  <b>Daryl Stang</b> , City of St. Cloud, Dam Manager  <b>Ian Chisholm</b> , DNR
<b>2 - Crow Wing State Park</b>  <i>1 hour</i>	<b>Crow Wing State Park</b> <ul style="list-style-type: none"> <li>- Park overview</li> <li>- Board walk through old town site in the park (walking distance from picnic shelter)</li> <li>- Recent ENRTF funded riverfront acquisitions</li> <li>- Crow Wing County Geological Atlas – county and other local use of information</li> <li>- Anomaly of concentrated manganese deposit near Emily, MN</li> <li>- Army Compatible Use Program (ACUP) Camp Ripley. BWSR–easements; DNR fee—title</li> </ul>	<b>Paul Roth</b> , DNR, State Park Manager  <b>Gary Meyer</b> , Geologist, MN Geological Survey (MGS) U of MN  <b>Todd Petersen</b> , DNR, Hydrogeologist  <b>Mitch Brinks</b> , Water Protection Specialist, Crow Wing County  <b>Helen McLenan</b> , District Manager, Morrison SWCD
<b>3 - Byron Township</b> (north of Staples)  <i>1 hour</i>	<b>Converting forests to annual crops.</b> <ul style="list-style-type: none"> <li>- Purchase of 1500 acres of Potlatch commercial forest lands and converted to grow potatoes (Cass County was out bid on purchasing it for county forestry land)</li> <li>- EAW process managed by Cass County</li> <li>- Water quality, quantity, ground water and groundwater issues related to land cover change - evapotranspiration, irrigation, fertilizer, pesticides</li> <li>- impacts on pollinators</li> </ul>	<b>John Ringle</b> , Director Cass County Environmental Services  <b>Josh Stevenson</b> , Cass County Land Commissioner  <b>Darrin Hoverson</b> , DNR, hydrologist <b>Mark Carlstrom</b> , DNR Forestry <b>Peter Jacobson</b> , DNR Fisheries <b>Kevin Stroom</b> , PCA <b>James Walsh</b> , MDH
<b>4- LaSalle SRA</b> <i>1 hour</i>	<b>LaSalle State Recreation Area</b> <ul style="list-style-type: none"> <li>- State Park use and operations for La Salle</li> <li>- Joint division management as State Recreation feature with aspects of Park, WMA, SNA programs</li> <li>- Ecology of the site and deep water fisheries</li> </ul>	<b>Bob Chance</b> , DNR Itasca State Park Manager  <b>Chris Gronewold</b> , DNR Resource Specialist  <b>Becky Marty</b> , DNR, Regional Ecologist  <b>Blane Klemek</b> , DNR Wildlife Supervisor  <b>Tom Groshens</b> , DNR
<b>5 - Itasca State Park</b>	<b>Itasca State Park</b> <ul style="list-style-type: none"> <li>- Park orientation</li> <li>- Room check-in</li> <li>- Dinner in Douglas Lodge (at leisure – dinner orders)</li> </ul>	<b>Bob Chance</b> , Park Manager

	<p>taken up to 8:00 p.m.)</p> <ul style="list-style-type: none"> <li>- Evening available for park activities</li> </ul>	
<b>Thursday July 18, 2013</b>		
<p><b>5 - Itasca State Park – north end</b></p> <p>45 minutes</p>	<p><b>Itasca State Park</b> – forestry research plots</p> <p>Forestry issues in northern MN</p> <ul style="list-style-type: none"> <li>- ENRTF funded EAB and Black Ash study,</li> <li>- ENRTF funded Biomass harvest effects on nutrient rich and poor soils</li> <li>- Current forest issues in MN</li> </ul>	<p><b>Dr. D’Amato</b>, Professor, U of M, Forestry Department</p> <p><b>Mike Lichter</b>, DNR, Asst Area forester</p> <p><b>Becky Marty</b>, DNR, regional ecologist</p> <p><b>Chad Kirschbaum</b> USFS (<i>tentative</i>)</p>
<p><b>6 – Ten Mile Lake</b></p> <p>45 minutes</p>	<p><b>Ten Mile Lake</b></p> <ul style="list-style-type: none"> <li>- Sensitive shoreland ecological assessment</li> <li>- Cass County/Leech Lake Watershed Foundation conservation easements</li> <li>- SLICE (Sustaining Lakes in a Changing Climate) - long term monitoring to improve management</li> </ul>	<p><b>John Ringle</b>, Director Cass County Environmental Services</p> <p><b>Paul Radomski</b>, DNR Biologist</p> <p><b>John Sumption</b>, Leech Lake Area Watershed Foundation Potentially landowner of shoreland easement</p> <p><b>Pete Jacobson</b>, DNR Fisheries research</p> <p><b>Jim Miller</b>, Ten Mile Lake Association</p>
<p><b>7 - Deep Portage ELC</b></p> <p>1 hour</p>	<p><b>Deep Portage Environmental Learning Center</b></p> <ul style="list-style-type: none"> <li>- Environmental education programs</li> <li>- ENRTF funded renewable energy improvements</li> <li>- Biofuel - wood gasifier</li> </ul>	<p><b>Dale Yerger</b> Executive Director, Deep Portage Learning Center</p>
<p><b>Lake Mille Lacs – Garrison public water access</b></p> <p>45 minutes</p>	<p><b>Lake Mille Lacs – Garrison public water access</b></p> <ul style="list-style-type: none"> <li>- Aquatic Invasive Species (AIS) specifically for Mille Lacs, Zebra mussels, Spiney water flea</li> <li>- Walleye population decline</li> <li>- Changes in lake including potential climate change impacts</li> </ul>	<p><b>Don Pereira</b>, DNR Fisheries Research Manager</p> <p><b>Tom Jones</b>, DNR, Fisheries – treaty coordinator</p> <p><b>Dan Swanson</b>, DNR, AIS</p> <p><b>Brad Kalk</b> Mille Lacs Band of Ojibwa</p>