

LCCMR St. Croix River Valley Site Visit

Wednesday, June 21, 2017

(tentative) Noon Depart	<p>State Office Building – the bus will depart from the front of the building for Stillwater (20.7 miles, travel time ~35 minutes)</p>
12:40 p.m. Arrive	<p>Stillwater, St. Croix Trail (Hwy. 95) enter approximately 500 feet north of Elm street on river side of the road</p> <p>Topic: St. Croix River frontage acquisition for protection and public recreation. Jointly funded by ENRTF, Washington County and City of Stillwater</p> <ul style="list-style-type: none"> - M.L. 2014, Chp. 226, Sec. 2, Subd. 7d, Shoreland Acquisition on the St. Croix River, \$1,250,000, Washington County, ~15 acres with ~3,500 feet of St. Croix River Shoreline –Total cost-\$4.3 million (ENRTF \$1.25 Million, Washington County \$1.96 million and Stillwater \$1.125. See concept plan for park development) <p>June Mathiowetz, Washington County TBD, City of Stillwater</p>
1:15 p.m. Depart	Short walk (~1000 feet) or short bus ride to Brown’s Creek Segment of Willard Munger State Trail
1:30 p.m. Arrive	<p>Brown’s Creek Segment of Willard Munger State Trail</p> <p>Topic: Acquisition of ~64 acres for protection of Brown’s Creek trout stream, preservation of the natural greenway and enabling development of 6 miles of Brown’s Creek segment of the Willard Munger State Trail</p> <ul style="list-style-type: none"> - M.L. 2009, Chp. 143, Sec. 2, Subd. 04b, State Trail Acquisition, DNR, \$700,000 from ENRTF - M.L. 2011, First Special Session, Chp. 2, Art. 3, Sec. 2, Subd. 4b, State Parks and Trails Land Acquisition, DNR \$1,500,000 from ENRTF <p>Total cost \$4,235,000 (ENRTF \$2,200,000, Washington County \$1,000,000, Parks and Trail Legacy Funds \$1,135,000)</p> <p>Kent Skaar, Senior Project Manager, Minnesota DNR</p>
2:00 p.m. Depart	Depart for Science Museum of Minnesota - St. Croix Watershed Research Station (9 miles, ~20 minute travel time)
2:20 p.m. Arrive	<p>Science Museum of Minnesota - St. Croix Watershed Research Station (16910 152nd St N, Marine on St Croix, MN 55047)</p> <p>Topics:</p> <ol style="list-style-type: none"> (1) <u>Altered Hydrology</u>: the effects of precipitation, cropping patterns, and drainage on increased river flows and erosion (2) <u>Sedimental Journey</u>: the effectiveness of BMPs in reducing sediment and nutrient inputs to our lakes and rivers (3) <u>Harmful Algal Blooms</u>: understanding their causes, severity, and history in Minnesota lakes (4) <u>Seeding Between the Lines</u>: permanent habitat strips within row crops

	<p>(5) <u>Lake Sediment Cores</u>: powerful recorders of our changing lakes and landscapes (cross-cutting multiple projects)</p> <p>Current and recent appropriations:</p> <ul style="list-style-type: none"> - M.L. 2016, Chp. 186, Sec. 2, Subd. 04a, \$500,000 and M.L. 2015, Chp. 76, Sec. 2, Subd. 10, \$93,000, Tracking and Preventing Harmful Algal Blooms - M.L. 2016, Chp. 186, Sec. 2, Subd. 08c, Establishment of Permanent Habitat Strips Within Row Crops \$179,000 - M.L. 2014, Chp. 226, Sec. 2, Subd. 3(g), Watershed-Scale Monitoring of Long-Term Best-Management Practice Effectiveness \$900,000, end date 6/30/17- - M.L. 2009, Chp. 143, Sec. 2, Subd. 5d, Intensified Tile Drainage Evaluation \$300,000 completed 6/30/2012 <p>Dan Engstrom, Director, SMM St. Croix Watershed Research Station Jim Almendinger, Scientist Shawn Schottler, Scientist</p>
3:45 p.m.	<p>St. Croix River Association (SCRA) - presented at the SMM St. Croix Watershed Research Station</p> <p>Topics:</p> <p>Shoreland conservation and protection of the lower St. Croix River by providing technical assistance to landowners, local governments, realtors, and developers.</p> <p>Invasive species survey and management along the St. Croix River and Browns Creek</p> <p>M.L. 2015, Chp. 76, Sec. 2, Subd. 8j, Shoreland Protection for the Lower St. Croix River</p> <ul style="list-style-type: none"> - M.L. 2016, Chp. 186, Sec.2, Subd. 06e1, Elimination of Target Invasive Plant Species – Phase II MDA, sub contract with SCRA for survey on the St. Croix and Browns Creek - \$22,500 <p>Deb Ryun, Executive Director, St. Croix River Association</p>
4:00 p.m. Depart	Depart for State Office Building (31.9 miles, travel time about 45 minutes)
5:00 p.m.	Arrive State Office Building