



LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

100 REV. DR. MARTIN LUTHER KING JR. BLVD.
ROOM 65 STATE OFFICE BUILDING
ST. PAUL, MINNESOTA 55155-1201

Phone: (651) 296-2406

Email: lccmr@lccmr.leg.mn

Web: www.lccmr.leg.mn

TTY: (651) 296-9896 or 1-800-657-3550

Becca Nash, Director

MINUTES

Tuesday, June 25, 2019

8:30 a.m. – 5:50 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Sen. Gary Dahms, Sen. Kari Dziedzic, Rep. Rob Ecklund, William Faber, Nancy Gibson, Rep. Rick Hansen, Rep. Josh Heintzeman, Denny McNamara, Norman Moody, Michael Reese, Rep. Tama Theis, Sen. David Tomassoni, Rep. Jean Wagenius, Sen. Torrey Westrom

Staff Present: B. Nash, M. Varien, M. Lennon, R. Anderson, D. Griffith

Members Excused: Sen. Bill Ingebrigtsen, Nicole Kessler, Della Young

Members Absent:

Co-Chair: Nancy Gibson

Co-Chair Gibson started the meeting at 8:35 a.m.

1. Members report potential conflicts of interest regarding today's business

Members restated their conflicts of interest as shown on the spreadsheet (see Attachment #1).

2. Environment and Natural Resources Trust Fund 2020 Proposal Presentations (FY21) – see attached schedule (subject to change)

See Attachment #2 for Presentation Schedule for June 25, 2019.

Director Nash announced that ENRTF ID: 128-C titled "UMD Boreal Observatory at Chik-Wauk on the Gunflint" would be heard at 11:50 a.m. instead of 5:10 p.m.

3. Lunch

Members recessed at 12:00 p.m. and reconvened at 12:50 p.m.

4. Continue Environment and Natural Resources Trust Fund 2020 Proposal Presentations (FY21) – see attached schedule (subject to change)

See Attachment #2 for Presentation Schedule for June 25, 2019.

5. LCCMR Business Meeting

No business occurred.

6. Other Business

- **Upcoming meeting on June 26, 2019**

7. Public Testimony

There was no public testimony.

LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

8. Adjourn

Meeting adjourned at 4:45 p.m.

2020 Conflict of Interest (FY21)

Proposals

ENRTF ID	Title/Organization	Commission Member
025-A	Healthy Prairies III: Restoring MN prairie plant diversity	Rep. Jean Wagenius
031-A	Morrison County Performance Drainage and Hydrology Management Phase II	Bill Faber
147-CH	Carbon on Campus: Connecting Students to Minnesota Ecosystems	Rep. Rick Hansen
173-E	Storing Renewable Energy in Flow-Battery for Grid Use	Michael Reese
178-E	Deep Winter Greenhouses: Passive Solar Winter Food Production	Michael Reese
182-E	Nitrogen Fixation for Fertilizers and Hydrogen Fuels Production	Michael Reese
192-E	Phase 2: Integrated Small-Scale Ammonia Synthesis	Michael Reese
194-E	Minnesota Shrimp Production Using Clean Energy	Michael Reese
201-EH	Identifying Agricultural Energy Consumption and Impacts in Minnesota	Michael Reese
216-F	Implementing Hemp Crop Rotation to Improve Water Quality	Michael Reese Bill Faber

FINAL

Day 3 - LCCMR Presentation Schedule - 2020 Proposals
Tuesday, June 25, 2019 - Co-chair: Nancy Gibson
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:50 PM

Attachment #2

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	070-B	Unprecedented Change Threatens Minnesota's Pristine Lakes	\$849,392	Science Museum of Minnesota	Mark Edlund
8:50 AM	071-B	Microplastics: Occurrence, Toxins, and Detection with Drones	\$450,000	U of MN	Ardeshir Ebtehaj
9:10 AM	073-B	Preventing Harmful Algal Blooms through Improved Stormwater Detention	\$619,031	U of MN	John Gulliver
9:30 AM	074-B	Trace Organic Contaminants in Groundwater from Stormwater Infiltration	\$910,000	U.S. Geological Survey	Sarah Elliott
9:50 AM	168-DH	Invasive Rock Snot Threatens North Shore Streams	\$197,896	Science Museum of Minnesota	Mark Edlund
10:10 AM	076-B	Reducing Chloride in Minnesota's Water from Water Softening	\$362,699	U of MN	Sara Heger
10:30 AM	078-B	Bacterial Starvation for Improved Toxic Contaminant Treatment	\$235,854	U of MN	Paige Novak
10:50 AM	080-B	Managing Highly Saline Waste from Municipal Water Treatment	\$255,000	U of MN	Natasha Wright
11:10 AM	129-C	450 Underserved, Diverse Youth Gain Environmental Education	\$428,250	YMCA of the Greater Twin Cities	Beth Becker
11:30 AM	083-B	Technology for Energy-Generating Onsite Industrial Wastewater Treatment	\$474,939	U of MN	Paige Novak
12:10 PM	---	Break for Lunch			
12:50 PM	085-B	Our Future Drinking Water: Nitrate, Tile, and Climate	\$330,000	Science Museum of Minnesota	James Almendinger
1:10 PM	086-B	Groundwater Microbiology Phase 2: Private Wells	\$499,196	U of MN	Raymond Hozalski
1:30 PM	087-B	Microplastics: Transporters of Contaminants in Minnesota Waters	\$448,630	U of MN	Lee Penn
1:50 PM	098-B	Developing Strategies to Manage PFAS in Land-Applied Biosolids	\$1,403,556	Minnesota Pollution Control Agency	Summer Streets
2:10 PM	104-B	Quantifying A New Urban Precipitation/Water Reality	\$1,377,893	U of MN	Joe Magner
2:30 PM	108-B	Vermillion River Surface Water and Groundwater Nitrate Impacts	\$268,000	Dakota County	Valerie Grover

2:50 PM	110-B	Increased Sample Capacity for Analysis of Pesticides	\$736,079	Minnesota Department of Agriculture	Heather Johnson
3:10 PM	122-C	Statewide Environmental Education via Public Television Outdoor Series	\$300,000	Pioneer Public Television	Cindy Dorn
3:30 PM	123-C	Minnesota Freshwater Quest: Environmental Education on State Waterways	\$1,432,110	Wilderness Inquiry	Julie Edmiston
3:50 PM	201-EH	Identifying Agricultural Energy Consumption and Impacts in Minnesota	\$146,791	Minnesota State University Mankato	Joel Tallaksen
4:10 PM	124-C	TeachScience: Schools as STEM living laboratories	\$368,505	Climate Generation: A Will Steger Legacy	Kristen Poppleton
4:30 PM	125-C	Mentoring the Next Generation of Conservation Professionals	\$755,544	Minnesota Valley National Wildlife Refuge Trust, Inc.	Deborah Loon
4:50 PM	127-C	Jay C. Hormel Nature Center Supplemental Teaching Staff	\$252,898	City of Austin	Luke Reese
5:10 PM	128-C	UMD Boreal Observatory at Chik-Wauk on the Gunflint	\$514,865	U of MN - Duluth	Joel Halvorson
5:30 PM	---	LCCMR Business Meeting/Process and Issue Discussion			
5:50 PM	---	Adjourn			

