

LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

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

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Susan Thornton, Director

MINUTES

Tuesday, June 21, 2016

8:30 a.m. – 5:15 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Nancy Gibson, Gary Lamppa, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Jean Wagenius, Sen. Torrey Westrom

Staff Present: S. Thornton, M. Banker, M. McDonough, M. Varien, D. Griffith

Members Absent: Sen. Kari Dziedzic, William Faber, Rep. Tom Hackbarth, Bonnie Harper-Lore, Sen. John Hoffman, Rep. Denny McNamara, Rep. Paul Torkelson, Della Young

Co-Chair: Rep. John Persell

1. Approve the minutes for December 10, 2015 and June 7, 2016

Co-Chair Persell started the meeting at 8:45 a.m.

MOTION: Commissioner Broberg moved to approve the minutes for December 10, 2015 and June 7, 2016 – delayed because a quorum was not present.

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

MS 116P.09 Subd 6 Conflict of interest. A commission member, technical advisory committee member, a peer review panelist, or an employee of the commission may not participate in or vote on a decision of the commission, technical advisory committee, or peer review panel relating to an organization in which the member, panelist, or employee has either a direct or indirect personal financial interest. While serving on the commission, technical advisory committee, or peer review panel, or being an employee of the commission, a person shall avoid any potential conflict of interest.

Commissioner Gibson reported an indirect conflict of interest for ENRTF ID: 016-A, "Cascading Effects of Wolf Recolonization", Isbell Forest - U of MN.

Commissioner Broberg reported an indirect conflict of interest for ENRTF ID: 044-B, "Responsive Water Quality Monitoring: Southeastern Minnesota Trout Streams", Neal Mundahl – Winona State University.

3. LCCMR Business Meeting/Process and Issue Discussion

Susan Thornton reviewed the handout regarding the status of the deleted LCCMR recommendations from the final S.F. 2963 and the appropriations vetoed by the Governor. Staff asked if members wanted the deleted appropriation under reconsideration LCCMR ID: 187-I Solar Cells Manufacturing Research, Tianhong Cui, U of MN, \$388,000 that is also on the list of new 2017 proposals scheduled for a hearing have a presentation or be removed from the hearing schedule. Members decided to keep it on the hearing schedule.

Susan Thornton reviewed the material in the meeting packets.

Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, William Faber, Nancy Gibson, Rep. Tom Hackbarth, Bonnie Harper-Lore, Sen. John Hoffman, Gary Lamppa, Rep. Denny McNamara, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

4. Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 21, 2016.

Co-Chair Persell noted that a quorum was present. Members returned to Agenda Item #1 to approve the minutes.

MOTION: Commissioner Broberg moved to approve the minutes for December 10, 2015 and June 7, 2016 – motion prevailed.

Members recessed at 12:15 p.m. and reconvened at 1:15 p.m.

5. Continue Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 21, 2016.

6. Other business (as needed)

- Next steps in the process

7. Adjourn

The meeting adjourned at 4:40 p.m.

LCCMR Presentation Schedule - 2017 Proposals
Tuesday, June 21, 2016 - Co-chair: Rep. John Persell
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:15 PM

Attachment #1

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	001-A	Minnesota Geological Survey Geologic Atlases for Water Management	\$3,784,700	U of MN - Minnesota Geological Survey	Setterholm, Dale
9:25 AM	002-A	What are the Public Benefits of Protecting Sourcewater?	\$320,000	U of MN	Keeler, Bonnie
9:50 AM	154-F	Restoring and Preserving Savanna Using Bison	\$388,000	Cedar Creek Ecosystem Science Reserve, U of MN	Tilman, David
10:15 AM	005-A	Enhancing Targeted and Measureable Watershed Restoration and Protection	\$2,802,000	Board of Water and Soil Resources	Thomas, Doug
10:40 AM	006-A	Minnesota Biological Survey	\$2,955,861	MN DNR	Carlson, Bruce
11:05 AM	007-A	Continue Expansion of the Minnesota Wildflowers Online Botanical Reference	\$270,470	Minnesota Wildflowers Information	Chayka, Catherine
11:30 AM	009-A	Promoting Wild Rice Restoration Success by Examining Microbes	\$334,035	U of MN - Duluth NRRI	Chun, Chanlan
11:55 AM	131-E	Enabling Extraction of Solar Thermal Energy in Minnesota	\$351,040	U of MN	Coletti, Filippo
Break for Lunch					
1:05 PM	151-E	Renewable Energy Production from Municipal Organic Waste	\$1,687,500	Minnesota Energy Center (MNEC)	Waite-Altringer, Melanie
1:30 PM	016-A	Cascading Effects of Wolf Recolonization	\$398,000	U of MN	Isbell, Forest
1:55 PM	015-A	Non-Invasive Moose Calf Surveys and Ecosystem Monitoring	\$348,151	U of MN	Ditmer, Mark
2:20 PM	003-A	Minnesota Trumpeter Swan Migration Ecology and Conservation	\$462,433	U of MN	Andersen, David
2:45 PM	129-E	Community-Scale Energy Storage Guide for Clean Energy	\$625,478	U of MN	Anderson, Ellen
3:10 PM	031-A	Minnesota's Freshwater Sponges: Mapping Taxonomy and Environmental Toxicology	\$258,000	U of MN	Mukku, Venugopal
3:35 PM	010-A	Contaminants in Urban Soils: Understanding the Urban Environment	\$1,000,000	U. S. Geological Survey	Elliott, Sarah
4:00 PM	011-A	Drainage Records Modernization – Phase II, Cost-Share	\$540,000	Board of Water and Soil Resources	Gillette, Timothy
4:25 PM	012-A	Mapping Groundwater Contamination: Accessible Data to Protect Resources	\$480,000	MPCA	Neve, Hans
4:50 PM	036-B	Rural Industrial Water Efficiency Impact on Drinking Water	\$282,000	U of MN	Brauman, Kate

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Susan Thornton, Director

MINUTES

Wednesday, June 22, 2016

8:30 a.m. – 5:00 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, Nancy Gibson, Bonnie Harper-Lore, Gary Lampa, Rep. Denny McNamara, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

Staff Present: S. Thornton, M. Banker, M. McDonough, M. Varien, D. Griffith

Members Absent: William Faber, Rep. Tom Hackbarth, Sen. John Hoffman

Co-Chair: Nancy Gibson

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

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Co-Chair Gibson started the meeting at 8:45 a.m.

Susan Thornton explained the conflict of interest reported needs to be given to staff in writing including a statement as to the reason for the conflicts. Ms. Thornton said staff will send an email reminder regarding conflict of interest statements.

2. LCCMR Business Meeting/Process and Issue Discussion

Members discussed the site visit and asked staff to follow-up with members that have not responded yet.

3. Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 22, 2016.

Members recessed at 12:20 p.m. and reconvened at 1:10 p.m.

4. Continue Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 22, 2016.

5. Other business (as needed)

- Next steps in the process

Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, William Faber, Nancy Gibson, Rep. Tom Hackbarth, Bonnie Harper-Lore, Sen. John Hoffman, Gary Lampa, Rep. Denny McNamara, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

6. Adjourn

The meeting adjourned at 5:15 p.m.

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LCCMR Presentation Schedule - 2017 Proposals
Wednesday June 22, 2016 - Co-chair: Nancy Gibson
Room 5, State Office Building, St. Paul, MN
8:30 AM - 5:00 PM

Attachment #1

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	033-B	Household Chemicals as Water Pollutants and Toxic Precursors	\$236,000	U of MN	Arnold, William
9:25 AM	034-B	Innovative Nitrogen Removal Technology to Protect Water Quality	\$476,100	U of MN	Novak, Paige
9:50 AM	051-B	New Self-Sustaining Nitrate and Pesticides Removal Biotechnology	\$318,162	U of MN	Behrens, Sebastian
10:15 AM	052-B	The Minnesota Center for Water Treatment Technology Innovation	\$10,306,899	U of MN	Hozalski, Raymond
10:40 AM	054-B	Preventing Fish Kills by Increasing Understanding	\$699,905	MN DNR	Rantala, Heidi
11:05 AM	176-G	Mesabi Trail, Wetland Crossing and Bridge Rehab	\$1,231,500	St Louis and Lake Counties Regional Railroad Authority	Manzoline, Robert
11:30 AM	038-B	Removing Plastic Particle Pollution from Minnesota Water Bodies	\$359,540	U of MN	Coletti, Filippo
11:55 AM	045-B	Buffer Gap Analysis	\$1,390,656	Board of Water and Soil Resources	Mohring, Eric
Break for Lunch					
1:05 PM	059-B	Chemicals of Emerging Concern in Minnesota Fish	\$436,922	Grand Portage Band of Lake Superior Chippewa	Moore, Seth
1:30 PM	035-B	Rearing Native Mussels and Building Water Quality Awareness	\$591,925	Minnesota Zoo	Maguire, Allan
1:55 PM	042-B	Restoring Agricultural Lakes and Watersheds by Managing Carp	\$967,100	U of MN	Bajer, Przemyslaw
2:20 PM	044-B	Responsive Water Quality Monitoring: Southeastern Minnesota Trout Streams	\$583,980	Winona State University	Mundahl, Neal
2:45 PM	046-B	How Rapidly can Groundwater Quality be Improved?	\$672,000	U of MN	Nieber, John
3:10 PM	048-B	Reassessing Toxicity of Petroleum Spills with New Technologies	\$423,189	University of St. Thomas	Martinovic-Weigelt, Dalma
3:35 PM	058-B	Sulfate and Metal Removal from Northeast Minnesota Waters	\$298,325	U of MN	Dutcher, Cari
4:00 PM	066-B	Continuous Nitrate Pollution Monitoring at the Kitchen Sink	\$276,590	U of MN	Wickert, Andrew
4:25 PM	013-A	Landslide Hazards and Impacts on Minnesota's Natural Environment	\$672,408	U of MN	Gran, Karen

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Susan Thornton, Director

MINUTES

Thursday, June 23, 2016

8:30 a.m. – 4:00 p.m.

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, Nancy Gibson, Bonnie Harper-Lore, Sen. John Hoffman, Gary Lamppa, Rep. Denny McNamara, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

Staff Present: S. Thornton, M. Banker, M. McDonough, M. Varien, D. Griffith

Members Absent: William Faber and Rep. Tom Hackbarth

Co-Chair: Sen. David Tomassoni

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

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Co-Chair Tomassoni started the meeting at 8:45 a.m.

Commissioner Lamppa reported a conflict of interest for ENRTF ID: 180-G, "Tower Trailhead Boat Landing and Habitat Improvement", Linda Keith - City of Tower.

Commissioner Young reported a conflict of interest for ENRTF ID: 101-C, "Providing Residential Environmental Learning Experiences to Under-Served Students", Bryan Wood - Audubon Center of the North Woods.

2. LCCMR Business Meeting/Process and Issue Discussion

Susan Thornton reviewed the material in the meeting packet and handed out two items: 1) An article from Minnesota Public Radio (MPR) titled "As Deadly Bat Disease Takes Hold in Minnesota, Scientists Focus on Future" dated June 23, 2016 (M.L. 2015, Chp. 76, Sec. 2, Subd. 03i "Endangered Bats, White-Nose Syndrome, and Forest Habitat", Rich Baker, DNR, \$1,250,000) and 2) The Minnesota Constitution, Article XI, Section 14 and Minnesota Statute 116P.08 "Trust Fund Expenditures and Exceptions".

Members discussed how the additional Environment and Natural Resources Trust Fund Proposals due by June 26, 2016 will be reviewed.

3. Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 23, 2016.

Jeff Broberg, Sen. Gary Dahms, Sen. Kari Dziedzic, William Faber, Nancy Gibson, Rep. Tom Hackbarth, Bonnie Harper-Lore, Sen. John Hoffman, Gary Lamppa, Rep. Denny McNamara, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom, Della Young

LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

Members recessed at 12:20 p.m. and reconvened at 1:05 p.m.

4. Continue Environment and Natural Resources Trust Fund 2017 Proposal Presentations (FY18) – see attached schedule

See Attachment #1 for Presentation Schedule for June 23, 2016.

5. Other business (as needed)

- Next steps in the process

Insert text here

6. Adjourn

The meeting adjourned at 3:00 p.m.

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LCCMR Presentation Schedule - 2017 Proposals
Thursday June 23, 2016 - Co-chair: Sen. David Tomassoni
Room 5, State Office Building, St. Paul, MN
8:30 AM - 4:00 PM

Attachment #1

Time	ID #	Project Title	\$ Request	Organization	Project Manager
8:30 AM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A
9:00 AM	079-C	Floating Classroom: Connecting 20,000 Youth to Minnesota Waterways	\$1,240,730	Wilderness Inquiry	Lais, Greg
9:25 AM	081-C	Youth Convening Minnesota	\$310,008	Climate Generation: A Will Steger Legacy	Poppleton, Kristen
9:50 AM	082-C	Increasing Diversity in Environmental Careers: Fellowships, Internships, Mentorships	\$1,487,519	MN DNR	Getchell, Vikki
10:15 AM	167-F	Mississippi River Habitat Restoration at Halls Island	\$1,451,500	Minneapolis Park and Recreation Board	Arvidson, Adam
10:40 AM	084-C	Bridging Classroom and Outdoor Learning by Studying Birds	\$270,740	U of MN	Ponder, Julia
11:05 AM	085-C	Students Use Local Phenology to Understand Climate Variability	\$240,000	U of MN	Carlson, Stephan
11:30 AM	087-C	Market Science: Connecting Minnesotans to Environmental Research	\$132,000	U of MN	Tiffin, Peter
11:55 AM	092-C	Bird City - Education for Lasting Conservation	\$280,000	Audubon Minnesota	Eckles, Joanna
Break for Lunch					
1:05 PM	174-G	Leech Lake Natural Resource Multi-Benefit Conservation Acquisition	\$1,500,000	Leech Lake Division of Resource Management	Brown, Levi
1:30 PM	180-G	Tower Trailhead Boat Landing and Habitat Improvement	\$983,448	City of Tower	Keith, Linda
1:55 PM	100-C	Developing Watershed Stewardship in Northwest Minnesota Youth	\$71,861	Headwaters Science Center	Joy, Susan
2:20 PM	101-C	Providing Residential Environmental Learning Experiences to Under-Served Students	\$130,000	Audubon Center of the North Woods	Wood, Bryan
2:45 PM	105-C	Northeast Minneapolis Sustainability Incubator	\$235,000	Holland Neighborhood Improvement Association	Koski, Adelheid
3:10 PM	055-B	Maximizing the Benefits of Water Reuse	\$148,000	U of MN	Ishii, Satoshi
3:35 PM	N/A	LCCMR Business Meeting/Process and Issue Discussion	N/A	N/A	N/A

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