

---

Susan Thornton, Director

**MINUTES**  
**Tuesday, October 20, 2015**  
**9:00 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, William Faber, 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. McDonough, M. Banker, D. Griffith

**Members Excused:** Rep. Tom Hackbarth

**Co-Chair:** Nancy Gibson

**1. Approve the minutes for October 6, 7 and 8, 2015**

Co-Chair Gibson started the meeting at 9:10 a.m.

**MOTION:** Commissioner Faber moved to approve the minutes for October 6, 7, and 8, 2015 – motion prevailed.

**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.

Susan Thornton reviewed the meeting packets and mentioned that a summary packet of all members Conflict of Interest reported for the 2016 (FY17) Environment and Natural Resources Trust Fund (ENRTF) proposals is on file and will be appended to the October 20<sup>th</sup> minutes. (Attachment #1)

**3. Proposal Allocation Recommendations for the Environment and Natural Resources Trust Fund for FY17 (July 1, 2016)**

Susan Thornton reviewed the additional information in the packet regarding 2016 Environment and Natural Resources Trust Fund proposals.

Staff handed out the blue spreadsheet titled "2016 Environment and Natural Resources Trust Fund Proposals – Cumulative Average of Member Rankings – Listed by Category Rank – High to Low". (Attachment #2)

Members recessed at 9:20 a.m. and reconvened at 9:35 a.m.

Members continued discussions on the process. Staff handed out a sheet titled "2016 Allocations – Scoring Break Points". (Attachment #3)

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

Co-Chair Gibson explained that at the last meeting, members agreed they would randomly draw proposed categories as the order for the allocations.

MOTION (00:15:32): Commissioner Gibson moved all proposals on the blue spreadsheet titled "2016 Environment and Natural Resources Trust Fund Proposals Cumulative Average of Member Rankings – Listed by Category Rank – High to Low" that are ranked a 5.5 or above to be on the list for consideration – motion prevailed.

Members decided to draw proposed categories to see which category would be discussed first. The order of categories for discussion were:

1. Category C "Environmental Education"
2. Category F "Methods to Protect, Restore, & Enhance Land, Water, & Habitat"
3. Category B "Water Resources"
4. Category E "Air Quality, Climate Change, and Renewable Energy"
5. Category A "Foundational Natural Resource Data and Information"
6. Category H "Other"
7. Category D "Aquatic and Terrestrial Invasive Species"
8. Category G "Land Acquisition for Habitat and Recreation"

Mike Banker stated that members should make a motion to round the 2016 ENRTF proposal dollars down to the nearest one-thousandth.

MOTION (00:17:52): Commissioner Broberg moved the 2016 ENRTF proposal dollars be rounded down to the nearest one-thousandths dollar – motion prevailed.

All motions will refer to the blue spreadsheet titled "2016 Environment and Natural Resources Trust Fund Proposals Cumulative Average of Member Rankings – Listed by Category Rank – High to Low".

### Members started reviewing proposals in Category C. Environmental Education

MOTION (00:18:45): Commissioner Moody moved Line 53, ENRTF ID: 094-C "Standards Based Dakota Indian land Curriculum for 1,250 Students", Dakota Wicohan, Teresa Peterson at \$197,000 – motion prevailed.

MOTION (00:18:55): Commissioner Dahms moved Line 54, ENRTF ID: 105-C "Promoting Stewardship through Student Mentoring and River Monitoring", Southwest Minnesota State University, Emily Deaver at \$39,000 – motion prevailed.

MOTION (00:19:10): Commissioner Moody moved Line 55, ENRTF ID: 090-C "Minnesota Conservation Apprentice Academy", Board of Water and Soil Resources", Jenny Gieseke at \$433,000 – motion prevailed.

MOTION (00:22:59): Commissioner Faber moved Line 56, ENRTF ID: 101-C "The New Prairie Sportsman Statewide Broadcast Video Project", Pioneer Public Television, Timothy Bakken at \$300,000 – motion prevailed.

MOTION (00:23:38): Commissioner Moody moved Line 57, ENRTF ID: 092-C "Youth-Led Energy Action Projects in 50 Minnesota Communities", Prairie Woods Environmental Learning Center, Shelli-Kae Foster at \$400,000 – motion prevailed.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (00:25:02): Commissioner Broberg moved Line 58, ENRTF ID: 096-C "Creating Southwest Minnesota High School Student Wildlife Champions", Minnesota Zoo, Carol Strecker at \$147,000 – motion prevailed.

MOTION (00:25:40): Commissioner Faber moved Line 59, ENRTF ID: 093-C "Hunters Choice: Alternative Ammunition", U of MN, Julia Ponder at \$133,000 – motion prevailed.

MOTION (00:26:26): Commissioner Young moved Line 60, ENRTF ID: 112-C "Master Water Steward Program Expansion", Freshwater Society, Peggy Knapp at \$116,000 – motion prevailed.

MOTION (00:27:03): Commissioner Faber moved Line 61, ENRTF ID: 099-C "Expanded Wolves at our Door Program", International Wolf Center, David Kline at \$240,000 – motion prevailed. Co-Chair Gibson abstained from voting.

### Members started reviewing proposals in Category F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat

MOTION (00:29:20): Commissioner Hoffman moved Line 83, ENRTF ID: 169-F "Restoration/Monitoring of Winona's 40-acre Blufflands Natural Area", Winona State University, Neal Mundahl at \$99,000 – motion prevailed.

MOTION (00:29:54): Commissioner McNamara moved Line 84, ENRTF ID: 154-F "Seeding Between the Lines: Permanent Habitat With Rowcrops", Science Museum of Minnesota – St. Croix Research Station, Shawn Schottler at \$159,000 contingent on the ENRTF funds for capital equipment for the 30" custom planter for 30" strips must be reduced to no more than \$5,000 -- funds from non-state sources can be used for costs above \$5,000. The use of non-GMO seeds on part of the field should be explored and implemented if feasible. Monitoring of the 30" native plant strips must evaluate the effects of pesticides from adjacent crops on pollinators including determining if there is a reduction of pollinators that results in reduced setting of seeds on the native plants – motion prevailed.

MOTION (00:38:15): Commissioner Torkelson moved Line 85, ENRTF ID: 166-F "Restoring our Metro Lands and Waters: MeCC IX", Great River Greening, Wiley Buck at \$509,000 – motion prevailed.

MOTION (00:38:50): Commissioner Wagenius moved Line 86, ENRTF ID: 159-F "Controlling Reed Canary Grass to Regenerate Floodplain Forest", Audubon Minnesota, Tim Schlagenhaft at \$218,000 – motion prevailed.

MOTION (00:39:33): Commissioner Moody moved Line 87, ENRTF ID: 165-F "Forest Management for Mississippi River Drinking Water Protection", Crow Wing Soil and Water Conservation District, Melissa Barrick at \$350,000.

AMENDMENT: Commissioner Faber amended Commission Moody's motion to move Line 87, ENRTF ID: 165-F "Forest Management for Mississippi River Drinking Water Protection", Crow Wing Soil and Water Conservation District, Melissa Barrick at \$300,000 – amendment prevailed.

Members agreed to the following: (1) any ENRTF funds spent on forest management plans must be for lands with a long-term contract commitment for forest conservation; and (2) any restoration must use seeds and plant materials that are local ecotypes.

RENEWED MOTION: Commissioner Moody renewed his motion as amended to move Line 87, ENRTF ID: 165-F "Forest Management for Mississippi River Drinking Water Protection", Crow Wing Soil and Water Conservation District, Melissa Barrick at \$300,000 and contingent on the following: (1) any

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

ENRTF funds spent on forest management plans must be for lands with a long-term contract commitment for forest conservation; and (2) any restoration must use seeds and plant materials that are local ecotypes. – motion prevailed.

MOTION (00:49:20) Commissioner Faber moved Line 88, ENRTF ID: 155-F “Bee Pollinator Habitat Enhancement – Phase 2”, U of MN, Marla Spivak at \$387,000.

AMENDMENT: Commissioner Wagenius amended Commissioner Faber motion to move Line 88, ENRTF ID: 155-F “Bee Pollinator Habitat Enhancement – Phase 2”, U of MN, Marla Spivak at \$387,000 and contingent on restoration must use local ecotype seeds see "Native Vegetation Establishment and Enhancement Guideline - Minnesota Board of Water and Soil Resources vegetation [http://www.bwsr.state.mn.us/native\\_vegetation/seeding\\_guidelines.pdf](http://www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf) – Commissioner Faber accepted.

RENEWED MOTION: Commissioner Faber renewed his motion to move Line 88, ENRTF ID: 155-F “Bee Pollinator Habitat Enhancement – Phase 2”, U of MN, Marla Spivak at \$387,000 and contingent on restoration must use local ecotype seeds see "Native Vegetation Establishment and Enhancement Guideline - Minnesota Board of Water and Soil Resources vegetation [http://www.bwsr.state.mn.us/native\\_vegetation/seeding\\_guidelines.pdf](http://www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf) – motion prevailed.

### Members started reviewing proposals in Category B. Water Resources

MOTION (00:55:41): Commissioner Broberg moved Line 25, ENRTF ID: 051-B “Tiny Cheap Sensors for Pollutants Monitoring in Waters”, U of MN, Tianhong Cui at \$509,000 – motion prevailed.

MOTION (00:56:37): Commissioner Dahms moved Line 26, ENRTF ID: 043-B “Membrane-Based Process for Decentralized Drinking Water Production”, U of MN, Santiago Romero-Vargas Castrillon at \$191,000 – motion prevailed.

MOTION (00:57:35): Commissioner Moody moved Line 27, ENRTF ID: 035-B “Neonicotinoid Insecticide Effects on Aquatic and Soil Communities”, U of MN, Arnold William at \$412,000.

AMENDMENT: Commissioner Westrom amended Commissioner Moody’s motion to move Line 27, ENRTF ID: 035-B “Neonicotinoid Insecticide Effects on Aquatic and Soil Communities”, U of MN, Arnold William at \$400,000 – Commissioner Moody accepted the amendment.

RENEWED MOTION: Commissioner Moody renewed his motion as amended to move Line 27, ENRTF ID: 035-B “Neonicotinoid Insecticide Effects on Aquatic and Soil Communities”, U of MN, Arnold William at \$400,000 – motion prevailed.

MOTION (00:59:31): Commissioner Harper-Lore moved Line 28, ENRTF ID: 036-B “Restoring Native Mussels for Cleaner Streams and Lakes”, MN DNR, Mike Davis at \$744,000.

AMENDMENT: Commissioner Tomassoni amended Commissioner Harper-Lore’s motion to move Line 28, ENRTF ID: 036-B “Restoring Native Mussels for Cleaner Streams and Lakes”, MN DNR, Mike Davis at \$500,000 – amendment withdrawn.

Members agreed to discuss DNR Direct and Necessary expenses at the end of the day rather than proposal by proposal.

AMENDMENT: Commissioner Persell amended Commissioner Harper-Lore’s motion to move Line 28, ENRTF ID: 036-B “Restoring Native Mussels for Cleaner Streams and Lakes”, MN DNR, Mike Davis at \$600,000 – amendment prevailed.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

RENEWED MOTION: Commissioner Harper-Lore renewed her motion to move Line 28, ENRTF ID: 036-B "Restoring Native Mussels for Cleaner Streams and Lakes", MN DNR, Mike Davis at \$600,000 – motion prevailed.

MOTION (01:11:10): Commissioner Wagenius moved Line 29, ENRTF ID: 040-B "Quantifying Bacteria for Better Wastewater Treatment Process Control", U of MN, Timothy LaPara at \$398,000 – motion prevailed.

MOTION (01:12:30): Commissioner Broberg moved Line 30, ENRTF ID: 053-B "Eliminating Contaminants to Protect Endangered Native Fish/Mussels", University of St. Thomas, Kristine Wammer at \$287,000 – motion prevailed.

MOTION (01:13:06): Commissioner Broberg moved Line 31, ENRTF ID: 049-B "Understanding Bedrock Fracture Flow to Improve Groundwater Quality", Minnesota Geological Survey, Anthony Runkel at \$183,000 – motion prevailed.

MOTION (01:13:38): Commissioner Torkelson moved Line 32, ENRTF ID: 046-B "Reducing Salt and Metal Removal Costs with Microbes", U of MN, Daniel Bond at \$596,000 – motion prevailed.

MOTION (01:14:20): Commissioner McNamara moved Line 33, ENRTF ID: 037-B "Tracking and Preventing Harmful Algal Blooms, Science Museum of Minnesota – St. Croix Research Station, Daniel Engstrom at \$500,000 and Line 34, ENRTF ID: 038-B "Increasing Harmful Algal Blooms in Minnesota Lakes", U of MN St. Anthony Falls Laboratory, Miki Hondzo at \$270,000.

Members discussed that these two projects need to coordinate their proposals so that they are complimentary and take advantage of the work of the other project so it does not duplicate efforts.

RENEWED MOTION: Commissioner McNamara renewed his motion to move Line 33, ENRTF ID: 037-B "Tracking and Preventing Harmful Algal Blooms, Science Museum of Minnesota – St. Croix Research Station, Daniel Engstrom at \$500,000 and Line 34, ENRTF ID: 038-B "Increasing Harmful Algal Blooms in Minnesota Lakes", U of MN St. Anthony Falls Laboratory, Miki Hondzo at \$270,000 with the contingency that they coordinate their proposals so that they are complimentary and take advantage of the work of the other project so it does not duplicate efforts – motion prevailed.

MOTION (01:29:31): Commissioner Tomassoni moved Lines 35-41 (7 proposals):

1. Line 35, ENRTF ID: 083-B "Integrating Targeted Watershed Planning Tools with Citizen Involvement", Minnesota State University – Mankato, Kimberly Musser at \$169,000
2. Line 36, ENRTF ID: 073-B "Removal of Nitrates from Minnesota Waters", U of MN, Lawrence Wackett at \$198,000
3. Line 37, ENRTF ID: 039-B "Is Minnesota's Groundwater Safe to Drink?", U of MN, Raymond Hozalski at \$299,000
4. Line 38, ENRTF ID: 042-B "Morrison County Performance Drainage and Hydrology Management", Morrison SWCD, Helen McLennan at \$209,000
5. Line 39, ENRTF ID: 050-B "Protecting Drinking Water Aquifers – Phase 2", U.S. Geological Survey, Johnathan Bumgarner at \$433,000
6. Line 40, ENRTF ID: 044-B "Salt Impacts to Minnesota Lakes, Rivers and Groundwater", U of MN, John Gulliver at \$497,000

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

7. Line 41, ENRTF ID: 045-B "Assessing Wetland Restorations for Improved Water Quality", U of MN, Jacques Finlay at \$420,000
- Motion prevailed. Commissioner Faber abstained from voting due to a conflict of interest on ENRTF ID: 042-B.

### Members started reviewing proposals in Category E. Air Quality, Climate Change, and Renewable Energy

MOTION (01:32:40): Commissioner Moody moved Line 74, ENRTF ID: 140-E "Cheap Solar Cells from Simple Roll-to-Roll Advanced Manufacturing", U of MN, Tianhong Cui at \$388,000 – motion prevailed.

MOTION (01:33:16): Commissioner Persell moved Line 75, ENRTF ID: 153-E "Solar Solutions to Minnesota Energy Proverty", Rural Renewable Energy Alliance, Jason Edens at \$490,000 – motion prevailed.

MOTION (01:33:40): Commissioner Wagenius moved Line 76, ENRTF ID: 135-E "High Resolution Climate Projections to Aid Planning Efforts", U of MN, Peter Snyder at \$411,000 – motion prevailed.

MOTION (01:34:07): Commissioner Faber moved Line 77, ENRTF ID: 151-E "Waste Heat Recovery with Efficient Thermoelectric Energy Generators", U of MN, Uwe Kortshagen at \$400,000 – motion prevailed.

MOTION (01:35:04): Commissioner Moody moved Line 78, ENRTF ID: 144-E "Geotargeted Distributed Clean Energy Initiative", Center for Energy and Environment, Carl Nelson at \$600,000.

Members discussed and agreed to fund Activity 1 and 3 as proposed.

AMENDMENT: Commissioner Persell moved to amend Commissioner Moody's motion to move Line 78, ENRTF ID: 144-E "Geotargeted Distributed Clean Energy Initiative", Center for Energy and Environment, Carl Nelson at \$800,000.

Members agreed to fund Activity 2 at \$200,000 contingent upon providing a match of a minimum of \$1 to \$1 with nonstate funds and the proposer must report on the status of the pending match of \$1 million listed in the proposal. Members asked staff to get an explanation from the proposer in writing by early November for review.

RENEWED AMENDMENT: Commissioner Persell moved to amend Commissioner Moody's motion to move Line 78, ENRTF ID: 144-E "Geotargeted Distributed Clean Energy Initiative", Center for Energy and Environment, Carl Nelson at \$800,000 and to fund Activity 1 and Activity 3 at \$600,000 and to fund Activity 2 at \$200,000 contingent upon providing a match of a minimum of \$1 to \$1 with nonstate funds and the proposer must report on the status of the pending match of \$1 million listed in the proposal – Commissioner Moody accepted.

RENEWED MOTION: Commissioner Moody renewed his motion to move Line 78, ENRTF ID: 144-E "Geotargeted Distributed Clean Energy Initiative", Center for Energy and Environment, Carl Nelson at \$800,000 and to fund Activity 1 and Activity 3 at \$600,000 and to fund Activity 2 at \$200,000 contingent upon providing a match of a minimum of \$1 to \$1 with nonstate funds and the proposer must report on the status of the pending match of \$1 million listed in the proposal – motion prevailed.

### Members started reviewing proposals in Category A. Foundational Natural Resource Data and Information

MOTION (01:57:04): Commissioner McNamara moved Lines 2-5 (4 proposals):

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

1. Line 2, ENRTF ID: 016-A "Improving Brook Trout stream Habitat through Beaver Management", Bemidji State University, Andrew Hafs at \$225,000
  2. Line 3, ENRTF ID: 019-A "Prescribed Burning to Improve Management for Brushland Species", U of MN, Rebecca Montgomery at \$267,000
  3. Line 4, ENRTF ID: 020-A "Enhancing Understanding of the Minnesota River Ecosystem", MN DNR, Jack Lauer at \$500,000
  4. Line 5, ENRTF ID: 003-A "Data Driven Pollinator Conservation", U of MN, Daniel Cariveau at \$520,000
- Motion prevailed.

MOTION (02:03:15): Commissioner Dziedzic moved Lines 6-9 (4 proposals):

1. Line 6, ENRTF ID: 001-A "Completing the National Wetland Inventory Update for Minnesota", MN DNR, Steve Kloiber at \$1,500,000
2. Line 7, ENRTF ID: 008-A "Do Neonicotinoids Pose a Risk to Minnesota's Birds", U of MN, Julia Ponder at \$349,000
3. Line 8, ENRTF ID: 026-A "Tree Retention Following Harvest: Maximizing Benefits for Wildlife", U of MN – Duluth NRRI, Gerald Niemi at \$232,000
4. Line 9, ENRTF ID: 007-A "Feasibility of Restoring Elk to Northeastern Minnesota", U of MN, James Forester at \$300,000

Members asked if proposers with multiple proposals funding the same personnel would have reduced dollar amount if both of their proposals were funded. Susan Thornton stated staff would contact proposers with multiple proposals and confer on the funding requested.

AMENDMENT: Commissioner McNamara moved to amend Commissioner Dziedzic motion by adding Line 13, ENRTF ID: 015-A "Emerald Ash Borer and Black Ash: Wildlife Impacts", U of MN – Duluth NRRI, Gerald Niemi at \$300,000 and to reduce Line 8, ENRTF ID: 026-A "Tree Retention Following Harvest: Maximizing Benefits for Wildlife", U of MN – Duluth NRRI, Gerald Niemi to \$200,000 – Commissioner Dziedzic accepted but then withdrew acceptance and returned to original motion.

AMENDMENT: Commissioner Dahms moved to amend Commissioner Dziedzic motion by reducing Line 6, ENRTF ID: 001-A "Completing the National Wetland Inventory Update for Minnesota", MN DNR, Steve Kloiber to \$1,200,000 – Commissioner Dziedzic accepted.

RENEWED MOTION: Commissioner Dziedzic renewed her motion as amended to move Lines 6-9 (4 proposals):

1. Line 6, ENRTF ID: 001-A "Completing the National Wetland Inventory Update for Minnesota", MN DNR, Steve Kloiber at \$1,200,000
  2. Line 7, ENRTF ID: 008-A "Do Neonicotinoids Pose a Risk to Minnesota's Birds", U of MN, Julia Ponder at \$349,000
  3. Line 8, ENRTF ID: 026-A "Tree Retention Following Harvest: Maximizing Benefits for Wildlife", U of MN – Duluth NRRI, Gerald Niemi at \$232,000
  4. Line 9, ENRTF ID: 007-A "Feasibility of Restoring Elk to Northeastern Minnesota", U of MN, James Forester at \$300,000
- motion prevailed.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (02:14:14): Commissioner Wagenius moved Lines 10-14 (5 proposals):

1. Line 10, ENRTF ID: 009-A "Prairie Butterfly Conservation, Research and Breeding – Phase 2", Minnesota Zoo, Erik Runquist at \$956,000
2. Line 11, ENRTF ID: 006-A "Sentinel Lakes Monitoring and Data Synthesis", MN DNR, Melissa Treml at \$401,000
3. Line 12, ENRTF ID: 011-A "Assessing Vegetations Control on Minnesota's Groundwater", U of MN, Gene-Hua Ng at \$212,000
4. Line 13, ENRTF ID: 015-A "Emerald Ash Borer and Black Ash: Wildlife Impacts", U of MN – Duluth NRRI, Gerald Niemi at \$334,000
5. Line 14, ENRTF ID: 005-A "Wild Bee Surveys in Minnesota's Prairie-Forest Habitats, MN DNR, Crystal Boyd at \$707,000

AMENDMENT: Commissioner Dahms moved to amend Commissioner Wagenius motion by reducing Line 10, ENRTF ID: 009-A "Prairie Butterfly Conservation, Research and Breeding – Phase 2", Minnesota Zoo, Erik Runquist to \$750,000 – amendment prevailed.

AMENDMENT: Commissioner Westrom moved to amend Commissioner Wagenius motion by reducing Line 14, ENRTF ID: 005-A "Wild Bee Surveys in Minnesota's Prairie-Forest Habitats, MN DNR, Crystal Boyd to \$500,000.

Commissioner Persell asked Commissioner Westrom if he would accept changing his amendment to \$600,000 instead of \$500,000. Commissioner Westrom agreed.

RENEWED MOTION TO AMEND: Commissioner Westrom renewed his amendment to amend Commissioner Wagenius motion by reducing Line 14, ENRTF ID: 005-A "Wild Bee Surveys in Minnesota's Prairie-Forest Habitats, MN DNR, Crystal Boyd to \$600,000 – Commissioner Wagenius accepted.

RENEWED MOTION: Commissioner Wagenius renewed her motion as amended to move Lines 10-14 (5 proposals):

1. Line 10, ENRTF ID: 009-A "Prairie Butterfly Conservation, Research and Breeding – Phase 2", Minnesota Zoo, Erik Runquist at \$750,000
  2. Line 11, ENRTF ID: 006-A "Sentinel Lakes Monitoring and Data Synthesis", MN DNR, Melissa Treml at \$401,000
  3. Line 12, ENRTF ID: 011-A "Assessing Vegetations Control on Minnesota's Groundwater", U of MN, Gene-Hua Ng at \$212,000
  4. Line 13, ENRTF ID: 015-A "Emerald Ash Borer and Black Ash: Wildlife Impacts", U of MN – Duluth NRRI, Gerald Niemi at \$334,000
  5. Line 14, ENRTF ID: 005-A "Wild Bee Surveys in Minnesota's Prairie-Forest Habitats, MN DNR, Crystal Boyd at \$600,000
- motion prevailed.

MOTION (2:28:54): Commissioner McNamara moved Line 15, ENRTF ID: 013-A "Insecticide Exposure Risk of Wildlife on Public Grasslands", MN DNR, Nicole Davros at \$240,000 and Line 16, ENRTF ID: 023-A "Protecting Native Brook Trout: Temperature, Streamflow and Hydrogeology", Minnesota Geological Survey, Bob Tipping at \$100,000.



## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

AMENDMENT: Commissioner Moody moved to amend Commissioner McNamara's motion by increasing Line 15, ENRTF ID: 013-A "Insecticide Exposure Risk of Wildlife on Public Grasslands", MN DNR, Nicole Davros to \$250,000 and Line 16, ENRTF ID: 023-A "Protecting Native Brook Trout: Temperature, Streamflow and Hydrogeology", Minnesota Geological Survey, Bob Tipping to \$115,000. Commissioner McNamara accepted Commissioner Moody's amendment.

RENEWED MOTION: Commissioner McNamara renewed his motion as amended to move Line 15, ENRTF ID: 013-A "Insecticide Exposure Risk of Wildlife on Public Grasslands", MN DNR, Nicole Davros at \$250,000 and Line 16, ENRTF ID: 023-A "Protecting Native Brook Trout: Temperature, Streamflow and Hydrogeology", Minnesota Geological Survey, Bob Tipping at \$115,000 – motion prevailed.

Members recessed for working lunch at 11:30 p.m. and reconvened at 12:15 p.m.

Members started reviewing proposals in Category H. Other

MOTION (00:00:52): Commissioner Harper-Lore moved Line 104, ENRTF ID: 185-H "Contract Agreement Reimbursement", MN DNR, Amanda Graeber at \$135,000 – motion prevailed.

Members started reviewing proposals in Category D. Aquatic and Terrestrial Invasive species

MOTION (00:01:48): Commissioner Faber moved Line 66, ENRTF ID: 124-D "White Nose Bat Syndrome Biological Control – Phase 2", U of MN, Christine Salomon at \$250,000 – motion prevailed.

MOTION (00:02:19): Commissioner McNamara moved Line 67, ENRTF ID: 123-D "Advancing Microbial Invasive Species Monitoring from Ballast Discharge", U of MN, Randall Hicks at \$368,000 and Line 68, ENRTF ID: 122-D "Using Membranes to Treat Lake Superior Ballast Water", U of MN, Santiago Romero-Vargas Castrillon at \$151,000 – motion prevailed.

MOTION (00:03:18): Commissioner Wagenius moved Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette at \$5,000,000.

AMENDMENT: Commissioner Tomassoni moved to amend Commissioner Wagenius motion by reducing Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette to \$3,000,000 – amendment prevailed (Division called Yes = 9 / No = 7)

RENEWED MOTION: Commissioner Wagenius renewed her motion as amended to move Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette at \$3,000,000 – motion prevailed.

MOTION (00:18:57): Commissioner Harper-Lore moved Line 70, ENRTF ID: 128-D "Elimination of Target Invasive Plant Species – Phase 2", Minnesota Department of Agriculture, Monika Chandler at \$750,000 – motion prevailed.

MOTION (00:19:40): Commissioner Hoffman moved Line 71, ENRTF ID: 134-D "Invasive Carp Applied Research in Lake Nokomis Subwatershed", Minneapolis Park and Recreation Board, Adam Arvidson at \$190,000. Commissioner Broberg declared a conflict of interest.

AMENDMENT: Commissioner Westrom moved to amend Commissioner Hoffman's motion by reducing Line 71, ENRTF ID: 134-D "Invasive Carp Applied Research in Lake Nokomis Subwatershed", Minneapolis Park and Recreation Board, Adam Arvidson to \$189,000 – Commissioner Hoffman accepted.

RENEWED MOTION: Commissioner Hoffman renewed his motion as amended to move Line 71, ENRTF ID: 134-D "Invasive Carp Applied Research in Lake Nokomis Subwatershed", Minneapolis Park and Recreation Board, Adam Arvidson at \$189,000.

Members started reviewing proposals in Category G. Land Acquisition for Habitat and Recreation

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (00:21:05): Commissioner Faber moved Line 94, ENRTF ID: 178-G "Mesabi Trail Segment Highway 135 to Embarrass", St. Louis and Lake Counties Regional Railroad Author, Robert Manzoline at \$1,200,000 – motion prevailed.

MOTION (00:22:29): Commissioner Torkelson moved Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth at \$2,000,000.

AMENDMENT: Commissioner Moody moved to amend Commissioner Torkelson motion by increasing Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to \$3,000,000.

AMENDMENT TO THE AMENDMENT: Commissioner Harper-Lore moved to amend Commissioner Moody's amendment to Commissioner Torkelson motion by increasing Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to \$7,000,000 – motion did not prevail.

RENEWED AMENDMENT TO THE MOTION: Commissioner Moody moved to amend Commissioner Torkelson's motion by increasing Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to \$3,000,000 – Commissioner Torkelson accepted the amendment.

AMENDMENT TO THE MOTION: Commissioner McNamara moved to amend Commissioner Torkelson's motion Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth at \$3,000,000 with the contingency that a minimum of one-third of the funding is to be used for restorations of public lands within SNA boundaries – Commissioner Torkelson accepted the amendment.

RENEWED MOTION: Commissioner Torkelson renewed his motion as amended to move Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth at \$3,000,000 with the contingency that a minimum of one-third of the funding is to be used for restorations of public lands within SNA boundaries – motion prevailed.

MOTION (00:30:39): Commissioner Wagenius moved Line 96, ENRTF ID: 174-G "State Parks and State Trails Land Acquisitions", MN DNR, Jennifer Christie at \$2,000,000.

AMENDMENT: Commissioner Faber moved to amend Commissioner Wagenius motion by reducing Line 96, ENRTF ID: 174-G "State Parks and State Trails Land Acquisitions", MN DNR, Jennifer Christie to \$1,500,000.

Members mentioned this proposal is geographically all over the state and supported full funding.

RENEWED AMENDMENT TO THE MOTION: Commissioner Faber renewed his amendment to Commissioner Wagenius motion by reducing Line 96, ENRTF ID: 174-G "State Parks and State Trails Land Acquisitions", MN DNR, Jennifer Christie to \$1,500,000 – amendment withdrawn.

RENEWED MOTION: Commissioner Wagenius renewed her motion to move Line 96, ENRTF ID: 174-G "State Parks and State Trails Land Acquisitions", MN DNR, Jennifer Christie at \$2,000,000 – motion prevailed.

MOTION (00:35:31): Commissioner Moody moved Line 97, ENRTF ID: 177-G "Preserving the Avon Hills with Reverse-Bidding Easements", Saint John's University, Thomas Kroll at \$1,300,000.

Members agreed on the following (1) that money to be paid into a stewardship fund for the long-term monitoring and enforcement of conservation easements must be paid with non-state funds; (2) landowners selected for a conservation easement are not to be paid more than the amount they bid; (3) no funding is provided for an upfront \$30,000 payment to the landowner outside of the accepted bid amount; and (4) the state must have authority to enforce requirements in the

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

conservation easements on land acquired with ENRTF funds and the conservation easement document must explicitly provide for water quality and quantity protection.

RENEWED MOTION: Commissioner Moody renewed his motion to move Line 97, ENRTF ID: 177-G "Preserving the Avon Hills with Reverse-Bidding Easements", Saint John's University, Thomas Kroll at \$1,300,000 and contingent on the following: (1) money to be paid into a stewardship fund for the long-term monitoring and enforcement of conservation easements must be paid with non-state funds; (2) landowners selected for a conservation easement are not to be paid more than the amount they bid; (3) no funding is provided for an upfront \$30,000 payment to the landowner outside of the accepted bid amount; and (4) the state must have authority to enforce requirements in the conservation easements on land acquired with ENRTF funds and the conservation easement document must explicitly provide for water quality and quantity protection – motion prevailed.

Members decided to review all proposals receiving an average ranking of 5.5 or below in the following order:

1. Category G "Land Acquisition for Habitat and Recreation
2. Category D "Aquatic and Terrestrial Invasive Species
3. Category H "Other"
4. Category A "Foundational Natural Resource Data and Information
5. Category E "Air Quality, Climate Change, and Renewable Energy
6. Category B "Water Resources"
7. Category F "Methods to Protect, Restore, & Enhance Land, Water & Habitat
8. Category C "Environmental Education"

### Members returned to reviewing proposals in Category G. Land Acquisition for Habitat and Recreation

MOTION (00:40:57): Commissioner McNamara moved Line 98, ENRTF ID: 182-G "Otter Tail River Protection and Recreation Trail Acquisition", City of Fergus Falls, Gordon Hydukovich at \$500,000.

Members agreed on the following: (1) provide a match of a minimum of \$1 to \$1 with non-state funds; (2) the acquisition must include a Phase 1-Environmental Assessment to determine if there is any soil contamination; (3) the city must not accept any liability for previous contamination; (4) the liability should remain with the original polluter if it is still a viable entity otherwise is should remain with the seller; and (5) the appraisal and acquisition process must meet state requirements.

RENEWED MOTION: Commissioner McNamara renewed his motion to move Line 98, ENRTF ID: 182-G "Otter Tail River Protection and Recreation Trail Acquisition", City of Fergus Falls, Gordon Hydukovich at \$500,000 and contingent on the following: (1) provide a match of a minimum of \$1 to \$1 with non-state funds; (2) the acquisition must include a Phase 1-Environmental Assessment to determine if there is any soil contamination; (3) the city must not accept any liability for previous contamination; (4) the liability should remain with the original polluter if it is still a viable entity otherwise is should remain with the seller; and (5) the appraisal and acquisition process must meet state requirements – motion prevailed.

MOTION (00:56:03): Commissioner Tomassoni moved Line 100, ENRTF ID: 183-G "Tower Historic Harbor Nature Trail/Kayak Route", City of Tower, Linda Keith at \$679,000 – motion prevailed.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (00:58:29): Commissioner Dahms moved Line 101, ENRTF ID: 181-G "Long-Term Drinking Water Supply Protection, Recreation, Habitat Plan", Lincoln Pipestone Rural Water System, Mark Johnson at \$2,500,000.

Members agreed on the following: (1) the work plan must clearly explain how the proposer will work with the Department of Health to identify the most vulnerable areas and prioritize those for purchase with the funds available. This explanation should be provided in writing to the LCCMR staff for review before it is added to the work plan; (2) land must be maintained in permanent vegetative cover to protect the drinking water aquifer; (3) the land can be used for a variety of sustainable purposes such as solar installations as long as they protect the drinking water aquifer; (4) if the land is restored for habitat purposes, it must use local ecotype seeds see "Native Vegetation Establishment and Enhancement Guideline - Minnesota Board of Water and Soil Resources vegetation [http://www.bwsr.state.mn.us/native\\_vegetation/seeding\\_guidelines.pdf](http://www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf).

AMENDMENT: Commissioner Tomassoni moved to amend Commissioner Dahms motion by reducing Line 101, ENRTF ID: 181-G "Long-Term Drinking Water Supply Protection, Recreation, Habitat Plan", Lincoln Pipestone Rural Water System, Mark Johnson to \$1,500,000 – Commissioner Dahms accepted the amendment.

RENEWED MOTION: Commissioner Dahms renewed his motion as amended to move Line 101, ENRTF ID: 181-G "Long-Term Drinking Water Supply Protection, Recreation, Habitat Plan", Lincoln Pipestone Rural Water System, Mark Johnson at \$1,500,000 and contingent on the following: (1) the work plan must clearly explain how the proposer will work with the Department of Health to identify the most vulnerable areas and prioritize those for purchase with the funds available. This explanation should be provided in writing to the LCCMR staff for review before it is added to the work plan; (2) land must be maintained in permanent vegetative cover to protect the drinking water aquifer; (3) the land can be used for a variety of sustainable purposes such as solar installations as long as they protect the drinking water aquifer; (4) if the land is restored for habitat purposes, it must use local ecotype seeds see "Native Vegetation Establishment and Enhancement Guideline - Minnesota Board of Water and Soil Resources vegetation [http://www.bwsr.state.mn.us/native\\_vegetation/seeding\\_guidelines.pdf](http://www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf). – motion prevailed.

### Members returned to reviewing proposals in Category D. Aquatic and Terrestrial Invasive species

MOTION (01:34:21): Commissioner McNamara moved Line 72, ENRTF ID: 131-D "Winning the Dutch Elm Disease Battle – Phase 2", U of MN, Robert Blanchette at \$200,000 – motion withdrawn.

MOTION (01:35:35): Commissioner Persell moved Line 72, ENRTF ID: 131-D "Winning the Dutch Elm Disease Battle – Phase 2", U of MN, Robert Blanchette at \$200,000 – motion prevailed. (Division called Yes = 9 / No = 7)

### Members returned to reviewing proposals in Category H. Other

MOTION (01:37:21): Commissioner Westrom moved Line 105, ENRTF ID: 186-H "Roseau Lake Watershed: Targeted Water Quality Improvement", MN DNR, Henry Van Offelen at \$65,000 – motion prevailed.

### Members returned to reviewing proposals in Category A. Foundational Natural Resource Data and Information

MOTION (01:35:51): Commissioner Gibson moved Line 17, ENRTF ID: 002-A "Minnesota Vegetative Buffer Assessment and Prioritization", U of MN, David Mulla at \$170,000.

Members discussed it as a possible jump start for funding under the Emerging Issues Account.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

RENEWED MOTION: Commissioner Gibson renewed her motion to move Line 17, ENRTF ID: 002-A "Minnesota Vegetative Buffer Assessment and Prioritization", U of MN, David Mulla at \$170,000.

MOTION (01:44:43): Commissioner Tomassoni moved Line 18, ENRTF ID: 018-A "Minnesota: How Much Water? How is it Changing?", U of MN, John Nieber and Line 46, ENRTF ID: 047-B "Innovative assessment of Minnesota's Surface Waters from Space", U of MN, Jacques Finlay for a total of \$500,000 and contingent on including the strengths of both projects and remove redundancy – motion prevailed.

MOTION (01:47:28): Commissioner Moody moved Line 19, ENRTF ID: 014-A "Enhancing Forest Inventory Using Multiple Remote Sensing Technologies", MN DNR, Dennis Kepler at \$1,000,000 – motion prevailed.

MOTION (01:56:57): Commissioner Harper-Lore moved Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson at \$645,000.

AMENDMENT: Commissioner Young moved to amend Commissioner Harper-Lore motion by reducing Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson to \$400,000 – amendment prevailed.

Members agreed on the following contingency: the monitoring of plots must include determining if seeds are being set on plants through pollination or if a lack of pollinators is negatively affecting plant regeneration.

RENEWED MOTION: Commissioner Harper-Lore renewed her motion as amended to move Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson at \$400,000 and contingent on the monitoring of plots must include determining if seeds are being set on plants through pollination or if a lack of pollinators is negatively affecting plant regeneration – motion prevailed.

MOTION (02:09:29): Commissioner Broberg moved Line 21, ENRTF ID: 012-A "State Spring Inventory for Resource Management – Phase 2", MN DNR, Jan Falteisek at \$370,000 and the work plan must be adjusted so the work is supervised by a senior staff person but the majority of the work is done by less senior staff and the effort must include more outreach to engage the public and other entities to help efficiently identify springs and their locations – motion prevailed.

Members recessed for 10 minutes.

### Members returned to reviewing proposals in Category B. Water Resources

MOTION (02:14:57): Commissioner Hoffman moved Line 45, ENRTF ID: 088-B "Surface Water Bacterial Treatment System Pilot Project", Vadnais Lake area Water Management Organization, Brian Corcoran at \$500,000.

Members agreed the project must consider contracting with the University of Minnesota Civil, Environmental, and Geo-Engineering Department to evaluate the effectiveness of the pilot treatment system so that it maximizes benefit and can be replicated elsewhere.

RENEWED MOTION: Commissioner Hoffman renewed his motion to move Line 45, ENRTF ID: 088-B "Surface Water Bacterial Treatment System Pilot Project", Vadnais Lake area Water Management Organization, Brian Corcoran at \$500,000 and contingent on the project considering contracting with the University of Minnesota Civil, Environmental, and Geo-Engineering Department to evaluate the effectiveness of the pilot treatment system so that it maximizes benefit and can be replicated elsewhere – motion prevailed.

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (02:29:04): Commissioner Faber moved Line 47, ENRTF ID: 070-B "Predicting Climate Change Effects on Mercury in Peatlands", U of MN, Ed Nater at \$500,000.

AMENDMENT: Commissioner Persell moved to amend Commissioner Faber's motion by reducing Line 47, ENRTF ID: 070-B "Predicting Climate Change Effects on Mercury in Peatlands", U of MN, Ed Nater at \$300,000 – Commissioner Faber accepted the amendment.

Members agreed the work plan must provide specific outcomes including: collecting baseline data, predicting future climatic effects, and potential mitigation strategies.

RENEWED MOTION: Commissioner Faber renewed his motion as amended to move Line 47, ENRTF ID: 070-B "Predicting Climate Change Effects on Mercury in Peatlands", U of MN, Ed Nater at \$300,000 and contingent on providing specific outcomes including: collecting baseline data, predicting future climatic effects, and potential mitigation strategies – motion prevailed.

MOTION (02:34:02): Commissioner Persell moved Line 42, ENRTF ID: 060-B "Sulfate/Wild-Rice Municipal Wastewater Treatment Plant Alternative Analysis", MPCA, Scott Kyser at \$180,000 – motion prevailed.

MOTION (02:35:38): Commissioner Torkelson moved Line 43, ENRTF ID: 054-B "Engineered Biofilter for Sulfate Removal from Mine Waters", U of MN, Sebastian Behrens at \$440,000 – motion prevailed.

Members returned to reviewing proposals in Category E. Air Quality, Climate Change, and Renewable Energy

MOTION (02:36:52): Commissioner Westrom moved Line 79, ENRTF ID: 141-E "Clean Vehicles Fueled by Hydrogen from Renewable Ammonia", U of MN, Will Northrop at \$500,000.

Members agreed the work plan must clearly explain what research has been previously done on this effort by the proposer and what new innovation or different approach is being pursued in this effort and how that will improve the environment in Minnesota. This explanation should be provided in writing to the LCCMR staff for review by staff before it is added to the work plan.

AMENDMENT: Commissioner Tomassoni moved to amend Commissioner Westrom's motion by reducing Line 79, ENRTF ID: 141-E "Clean Vehicles Fueled by Hydrogen from Renewable Ammonia", U of MN, Will Northrop to \$400,000 – Commissioner Westrom accepted the amendment.

RENEWED MOTION: Commissioner Westrom renewed his motion as amended to move Line 79, ENRTF ID: 141-E "Clean Vehicles Fueled by Hydrogen from Renewable Ammonia", U of MN, Will Northrop at \$400,000 and contingent on the work plan clearly explaining what research has been previously done on this effort by the proposer and what new innovation or different approach is being pursued in this effort and how that will improve the environment in Minnesota. This explanation should be provided in writing to the LCCMR staff for review by staff before it is added to the work plan – motion prevailed.

MOTION (02:52:29): Commissioner McNamara moved Line 80, ENRTF ID: 149-E "Innovative Solar Energy Utilization for Minnesota Swine Farms", U of MN – West Central Research and Outreach Center, Lee Johnston at \$650,000

Members agreed the funding recommendation is subject to the project manager determining if a meaningful project can be done at the recommended funding level. If it can be a viable project, revised activities and clear outcomes have to be provided including how it will quantifiably improve the environment in Minnesota. The ENRTF funding should be focused on the purchase and installation of the solar components. The other infrastructure and related costs and staffing

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

should come from other sources. Please contact the LCCMR office within a week to set up a meeting to discuss options with staff.

RENEWED MOTION: Commissioner McNamara renewed his motion to move Line 80, ENRTF ID: 149-E “Innovative Solar Energy Utilization for Minnesota Swine Farms”, U of MN – West Central Research and Outreach Center, Lee Johnston at \$500,000 and contingent on project manager determining if a meaningful project can be done at the recommended funding level. If it can be a viable project, revised activities and clear outcomes have to be provided including how it will quantifiably improve the environment in Minnesota. The ENRTF funding should be focused on the purchase and installation of the solar components. The other infrastructure and related costs and staffing should come from other sources – motion prevailed.

MOTION (03:04:40): Commissioner Westrom moved Line 81, ENRTF ID: 148-E “Utilization of Dairy Farm Wastewater for Sustainable Production”, U of MN, Bradley Heins at \$1,000,000.

Members agreed the funding recommendation is subject to the project manager determining if a meaningful project can be done at the recommended funding level. If it can be a viable project, revised activities and clear outcomes have to be provided including how it will quantifiably improve the environment in Minnesota.

MOTION: Commissioner Westrom moved Line 81, ENRTF ID: 148-E “Utilization of Dairy Farm Wastewater for Sustainable Production”, U of MN, Bradley Heins at \$1,000,000 and contingent on the project manager determining if a meaningful project can be done at the recommended funding level. If it can be a viable project, revised activities and clear outcomes have to be provided including how it will quantifiably improve the environment in Minnesota – motion did not prevail.

### Members returned to reviewing proposals in Category F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat

MOTION (03:12:18): Commissioner Hoffman moved Line 89, ENRTF ID: 173-F “Restoring the City of Champlins Northern Gateway”, City of Champlin, Todd Tuominen at \$2,000,000 – motion prevailed. Commissioner Broberg declared a conflict of interest.

MOTION (03:18:00): Commissioner McNamara moved Lines 90-92 (3 proposals):

1. Line 90, ENRTF ID: 162-F “Measuring Prairie Fragment Connectivity: Pollen and Seed Dispersal”, U of MN, Lauren Sullivan at \$556,000
2. Line 91, ENRTF ID: 161-F “Prioritizing Walleye Spawning Habitat Restoration in Minnesota Lakes”, U of MN, Herb William at \$288,000
3. Line 92, ENRTF ID: 168-F “Agricultural Runoff Water Quality Treatment Analysis – Phase II”, Blue Earth County Drainage Authority, Craig Austinson at \$110,000

Commissioner McNamara removed Line 91, ENRTF ID: 161-F “Prioritizing Walleye Spawning Habitat Restoration in Minnesota Lakes”, U of MN, Herb William at \$288,000 from his motion.

RENEWED MOTION: Commissioner McNamara renewed his motion to move Line 90, ENRTF ID: 162-F “Measuring Prairie Fragment Connectivity: Pollen and Seed Dispersal”, U of MN, Lauren Sullivan at \$556,000 and Line 92, ENRTF ID: 168-F “Agricultural Runoff Water Quality Treatment Analysis – Phase II”, Blue Earth County Drainage Authority, Craig Austinson at \$110,000 – motion prevailed.

### Members returned to reviewing proposals in Category C. Environmental Education

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

MOTION (03:23:43): Commissioner Faber moved Line 62, ENRTF ID: 111-C "Toasted Birdhouse Market Readiness Test", U of MN – Duluth NRRI, Ryan Heffmeier at \$118,000.

AMENDMENT: Commissioner Westrom moved to amend Commissioner Faber's motion by reducing Line 62, ENRTF ID: 111-C "Toasted Birdhouse Market Readiness Test", U of MN – Duluth NRRI, Ryan Heffmeier at \$117,000. Commissioner Faber accepted the amendment.

RENEWED MOTION: Commissioner Faber renewed his motion as amended to move Line 62, ENRTF ID: 111-C "Toasted Birdhouse Market Readiness Test", U of MN – Duluth NRRI, Ryan Heffmeier at \$117,000 – motion prevailed.

MOTION (03:27:43): Commissioner Moody moved Line 63, ENRTF ID: 091-C "Improving Outdoor Classrooms for Education and Recreation", MN DNR, Amy Kay Kerber at \$750,000.

AMENDMENT TO THE MOTION: Commission Wagenius moved to amend Commissioner Moody's motion to move Line 63, ENRTF ID: 091-C "Improving Outdoor Classrooms for Education and Recreation", MN DNR, Amy Kay Kerber at \$440,000 and contingent on funding is for the contract of \$440,000 with Conservation Corps of Minnesota and Iowa (CCMI) for Activity 1 and other CCMI activities in the proposal - Commissioner Moody accepted the amendment.

AMENDMENT TO THE MOTION: Commissioner Faber moved to amend Commissioners Moody's motion to move Line 63, ENRTF ID: 091-C "Improving Outdoor Classrooms for Education and Recreation", MN DNR, Amy Kay Kerber at 500,000 – amendment withdrawn.

RENEWED MOTION: Commissioner Moody's renewed his motion as amended to move Line 63, ENRTF ID: 091-C "Improving Outdoor Classrooms for Education and Recreation", MN DNR, Amy Kay Kerber at \$440,000 and contingent on funding is for the contract of \$440,000 with Conservation Corps of Minnesota and Iowa (CCMI) for Activity 1 and other CCMI activities in the proposal – motion prevailed.

Members discussed and decided to revisit the DNR Direct and Necessary issue and the Emerging Issues Account at the December meeting.

MOTION (03:41:40): Commissioner Young moved Line 99, ENRTF ID: 180-G "Wilder Forest Acquisition for Conservation, Preservation and Education", Minnesota Food Association, Hilary Otey Wold at \$550,000.

Members discussed the following: (1) the funding recommendation is subject to the proposer determining if they still have a viable project at the recommended funding level; (2) they must also determine if there is a willing seller for just a portion of the property; (3) they must further explore a partnership with Washington County in order to also protect the high quality natural areas of the Wilder property in addition to the organic agricultural land, and so that the public ENRTF funds would enable the land to belong to the public; and (4) the amount of other available matching funds needs to be updated if it has changed.

AMENDMENT: Commissioner Harper-Lore moved to amend Commissioner Young motion to move Line 99, ENRTF ID: 180-G "Wilder Forest Acquisition for Conservation, Preservation and Education", Minnesota Food Association, Hilary Otey Wold at \$550,000 by requesting this proposal resubmit next year for funding – motion withdrawn.

RENEWED MOTION: Commissioner Young amended and renewed her motion to move Line 99, ENRTF ID: 180-G "Wilder Forest Acquisition for Conservation, Preservation and Education", Minnesota Food Association, Hilary Otey Wold at \$500,000 and contingent on the following: (1) the funding recommendation is subject to the proposer determining if they still have a viable project at the recommended funding level; (2) they must also determine if there is a willing seller for just a portion of the property; (3) they must further explore a partnership with Washington County in



## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

order to also protect the high quality natural areas of the Wilder property in addition to the organic agricultural land, and so that the public ENRTF funds would enable the land to belong to the public; and (4) the amount of other available matching funds needs to be updated if it has changed – motion prevailed. (Division called Yes = 9 / No = 6)

MOTION (04:12:57): Commissioner Tomassoni moved Line 102, ENRTF ID: 179-G “Minnesota Point Pine Forest SNA Addition Project”, Duluth Airport Authority, Tom Werner and contingent on the funds will be provided directly to the DNR for this potential acquisition – motion prevailed.

MOTION (04:23:20): Commissioner Westrom moved Line 81, ENRTF ID: 148-E “Utilization of Dairy Farm Wastewater for Sustainable Production”, U of MN, Bradley Heins at \$500,000 and contingent on the funding recommendation is subject to the project manager determining if a meaningful project can be done at the recommended funding level. If it can be a viable project, revised activities and clear outcomes have to be provided including how it will quantifiably improve the environment in Minnesota – motion prevailed.

MOTION (04:27:17): Commissioner Broberg moved Line 95, ENRTF ID: 175-G “SNA Acquisition, Restoration, Enhancement and Public Engagement”, MN DNR, Peggy Booth to add \$1,500,000 for a total of \$4,500,000 from \$3,000,000.

AMENDMENT: Commissioner Moody moved to amend Commissioner Broberg’s motion to move Line 95, ENRTF ID: 175-G “SNA Acquisition, Restoration, Enhancement and Public Engagement”, MN DNR, Peggy Booth to add an additional \$500,000 for a total of \$5,000,000 – Commissioner Broberg accepted Commissioner Moody’s amendment.

AMENDMENT: Commissioner Wagenius moved to amend Commissioner Broberg motion to include:

1. Line 69, ENRTF ID: 121-D “Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3”, U of MN, Robert Venette to add \$1,000,000 for a total of \$4,000,000

Commissioner Broberg accepted Commissioner Wagenius amendment.

Commissioner Harper-Lore suggested for Line 20, ENRTF ID: 004-A “A Statewide Monitoring Network for Minnesota’s Changing Habitats”, MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000.

AMENDMENT: Commissioner Wagenius revised her amendment and moved to amend Commissioner Broberg’s motion to include:

1. Line 20, ENRTF ID: 004-A “A Statewide Monitoring Network for Minnesota’s Changing Habitats”, MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000
2. Line 69, ENRTF ID: 121-D “Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3”, U of MN, Robert Venette to add \$1,000,000 for a total of \$4,000,000
3. Line 95, ENRTF ID: 175-G “SNA Acquisition, Restoration, Enhancement and Public Engagement”, MN DNR, Peggy Booth to add \$1,000,000 for a total of \$4,000,000

Commissioner Broberg accepted Commissioner Wagenius amendment.

AMENDMENT: Commissioner Dahms moved to amend Commissioner Wagenius amendment to move only Lines 20 and 95 (2 proposals) at a revised allocation:

1. Line 20, ENRTF ID: 004-A “A Statewide Monitoring Network for Minnesota’s Changing Habitats”, MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000
2. Line 95, ENRTF ID: 175-G “SNA Acquisition, Restoration, Enhancement and Public Engagement”, MN DNR, Peggy Booth to add \$750,000 for a total of \$3,750,000

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

Commissioner Faber suggested the following:

1. Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000
2. Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette to add \$750,000 for a total of \$3,750,000
3. Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to add \$1,000,000 for a total of \$4,000,000 with the contingency that a minimum of one-third of the funding is to be used for restorations of public lands within SNA boundaries

AMENDMENT: Commissioner Tomassoni moved to amend Commissioner Dahms's amendment to move Lines 20, 69, and 95 (3 proposals):

1. Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000
2. Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette to add \$750,000 for a total of \$3,750,000
3. Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to add \$1,000,000 for a total of \$4,000,000 with the contingency that a minimum of one-third of the funding is to be used for restorations of public lands within SNA boundaries

Commissioner Dahm's accepts Commissioner Tomassoni's amendment and withdrew his amendment.

- amendment prevailed.

RENEWED MOTION: Commissioner Broberg renewed his motion as amended to move Lines 20, 69, and 95 (3 proposals):

1. Line 20, ENRTF ID: 004-A "A Statewide Monitoring Network for Minnesota's Changing Habitats", MN DNR, Bruce Carlson to add \$100,000 for a total of \$500,000
2. Line 69, ENRTF ID: 121-D "Minnesota Invasive Terrestrial Plants and Pests Center – Phase 3", U of MN, Robert Venette to add \$750,000 for a total of \$3,750,000
3. Line 95, ENRTF ID: 175-G "SNA Acquisition, Restoration, Enhancement and Public Engagement", MN DNR, Peggy Booth to add \$1,000,000 for a total of \$4,000,000 with the contingency that a minimum of one-third of the funding is to be used for restorations of public lands within SNA boundaries

- motion prevailed.

#### **4. Continue Proposal Allocation Recommendations for the Environment and Natural Resources Trust Fund for FY17 (July 1, 2016)**

MOTION (04:43:22): Commissioner Tomassoni moved the FY2017 LCCMR Allocations Recommendation Summary (2016 RFP) Spreadsheet for the Environment and Natural Resources Trust Fund (ENRTF) - motion prevailed (voice vote unanimous – 16 members present) .

#### **5. Emerging Issues Account Procedure and Issue Discussion – M.L. 2015, Chp. 76, Sec. 2, Subd. 10, "Emerging Issues Account", \$1,000,000 (if time allows)**

## LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

Members agreed to discuss at the next LCCMR meeting on December 2, 2015 along with DNR Direct and Necessary expenses.

**6. Other business (as needed)**

- Next steps in the process

- Next meeting, October 21, 2015 (if needed)

Commissioner McNamara handed out a letter dated October 20, 2015. (See Attachment #4).

Members agreed to cancel the meeting for October 21, 2015.

**7. Adjourn**

The meeting adjourned at 5:35 p.m.



---