

LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA RESOURCES

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Susan Thornton, Director

MINUTES

Wednesday, October 23, 2013

8:30 a.m. – Noon

State Office Building, Room 5

St. Paul, MN 55155

Members Present: Jeff Broberg, Tom Cook, Sen. Gary Dahms, Sen. Kari Dziedzic, William Faber, Rep. Dan Fabian, Nancy Gibson, Bonnie Harper-Lore, John Herman, Rep. Leon Lillie, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom

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

Members Absent: Sen. John Hoffman

Co-Chair: Nancy Gibson

1. 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.

Co-Chair Gibson called the meeting to order at 8:38 a.m.

2. Continuation from October 22 meeting - Proposal Allocation Recommendations for the Environment and Natural Resources Trust Fund for FY15 (July 1, 2014)

Staff provided out a spreadsheet titled "2014 Environment and Natural Resources Trust Fund Proposals Still Under Consideration Following 10/22/2013 Meeting" for a starting point for today's discussion.

Members agreed to consider ENRTF ID: 009-A "State Spring Inventory for Resource Management and Protection", MN DNR, Jan Falteisek at \$200,000. Members stated that the project should get the process started by developing protocol and defining a "spring" - then have all DNR units and citizen science assist with identifying locations. Use a similar approach to that of Wisconsin.

Members agreed to consider ENRTF ID: 010-A "Drainage Records Modernization and Statewide GIS Database", BWSR, Allan Kean at \$230,000. Members recommended funding for activity 1 and 2 only.

Jeff Broberg, Tom Cook, Sen. Gary Dahms, Sen. Kari Dziedzic, William Faber, Rep. Dan Fabian, Nancy Gibson, Bonnie Harper-Lore, John Herman, Sen. John Hoffman, Rep. Leon Lillie, Norman Moody, Rep. John Persell, Sen. David Tomassoni, Rep. Paul Torkelson, Rep. Jean Wagenius, Sen. Torrey Westrom

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Members agreed to consider ENRTF ID: 034-B “Watershed Water Budgets for Managing Minnesota’s Water”, U.S. Geological Survey, David Lorenz at \$129,000.

MOTION: Commissioner Torkelson moved to add into consideration ENRTF ID: 050-B “Restoring Groundwater and Trout Habitat Through Irrigation Efficiencies”, Benton County Soil and Water Conservation District, Gerry Maciej at \$240,000 - motion did not prevail (7 yes – 8 no).

Members agreed to consider ENRTF ID: 045-B “Identifying Causes of Exceptionally High Mercury in Fish”, MPCA, Bruce Monson at \$743,000. Members recommended that the funding is for project to focus on the Roseau River.

Members agreed to consider ENRTF ID: 058-B “Nutrient Capture Through Water Management and Biomass Harvesting”, Red River Basin Commission, Jeff Lewis at \$300,000.

MOTION: Commissioner Lillie moved to add into consideration ENRTF ID: 100-D “Brown Marmorated Stink Bug Monitoring and Biocontrol Evaluation”, Mark Abrahamson at \$266,000 – motion prevailed.

Members agreed to consider ENRTF ID: 107-D “Invasive Species Control in Grassland Habitats”, The Nature Conservancy, Brian Winter at \$300,000.

Members agreed to consider ENRTF ID: 109-D “Regional Aquatic Invasive Species Project”, Red River Basin Commission, Joe Courneya at \$219,000. Members recommended that the project must coordinate with LSOHC and DNR efforts on local invasive species control. Project will need to provide specific reporting and analysis on outcomes and findings of this alternative approach on what works and what doesn't to make information helpful to other communities.

Members agreed to consider ENRTF ID: 122-E “Transitioning Minnesota Farms to Local Energy”, U of MN, Michael Reese at \$500,000. Members stated that any installation of infrastructure or improvements must be at the West Central Research and Outreach Center (WCROC), not private farms. Limit scope to the swine study.

Members agreed to consider ENRTF ID: 126-E “Life Cycle Energy of Renewably Produced Nitrogen Fertilizers”, U of MN, Joel Tallaksen at 250,000.

Members agreed to consider ENRTF ID: 174-F “Victus Farms: Expanding in New Directions”, City of Silver Bay, Lana Fralich at \$176,000. Members recommended that the funding is for activity 3 only.

Members agreed to consider ENRTF ID: 182-G “VanderWert Scientific and Natural Area and County Park”, Fox Lake Conservation League, Inc., Rich Perrine at \$435,000.

Members agreed to consider ENRTF ID: 183-G “3,500-Foot Shoreland Acquisition on St. Croix River, Washington County, Jane Harper at \$1,250,000. Members stated that funding is contingent on project providing \$2,500,000 or more of local match.

Members agreed ENRTF ID: 066-C “Minnesota Conservation Apprenticeship Academy”, BWSR, Jenny Gieseke to recommend an additional \$142,000

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Members agreed ENRTF ID: 073-C “Bee Discovery Center at the Minnesota Landscape Arboretum”, U of MN - Landscape Arboretum, Peter Moe, to recommend an additional \$165,000. Members stated that the Bee Discovery Center should present best science pertaining to all pollinators and native species. Also, the organization needs to address concerns about access and fees, how it is going to do more outreach, and how it is going to ensure additional underserved children are brought in at no cost or limited cost.

Members agreed ENRTF ID: 074-C “Urban Environmental Education Engaging Students in Local Resources”, Wilderness Inquiry, Gregory Lais to recommend an additional \$493,000. Members recommended that the project needs to address how this effort will transition to a self-sustaining program in the future.

Members agreed ENRTF ID: 097-D “Blocking Asian Carp by Optimizing Lock and Dams”, U of MN, Peter Sorensen to recommend an additional \$391,000 contingent on the administration of the AIS Center and AIS Center research initiatives funding getting resolved in partnership with U of MN. Additional tentative allocation of \$391,000 more (Total = \$854,000) to add Lock and Dam #8 if issues resolved.

Members agreed to set aside the remaining money (\$581,000) for later consideration.

MOTION: Commissioner Dziedzic moved the FY2015 LCCMR Allocations Recommendation Summary (2014 RFP) Spreadsheet for the Environment and Natural Resources Trust Fund (ENRTF) – motion prevailed (unanimous).

3. LCCMR Strategic Plan discussion

Members reviewed the strategic plan and selected the following points for further discussion:

- Does it address BMPs standards and development for Rivers and Streams (Maybe add to RFP Priorities)
- Need to discuss the relationship to other funding sources – need to set some boundaries for the ENRTF
- Outcomes and Innovative
- Need to use past accomplishments and outcomes to build on what has been learned. Look back so that we can continue moving in the right direction based on past funding discoveries and results
- Report success stories to public in a very consumer friendly way
- Have presentations on final results of appropriations funding
- Annual vs. biennial and how to continue with site visits, issue seminars and review of final accomplishments from past funding
- Encourage the use of citizen science and community involvement as appropriate

4. Discuss FY16 LCCMR Request for Proposal (RFP)

Members reviewed the RFP and brought up the following points for consideration in development of the FY16 RFP:

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- Does it address BMPs standards and development for Rivers and Streams (Maybe add to Strategic Plan Priorities)
 - Evaluation Criteria for proposer to go thru as part of a checklist that ENRTF is the best place for funding. Provide a list of other funding opportunities for types of proposals other than ENRTF
 - Enhance to clearly delineate who else they have proposed the funding to such as federal, state and/or LSOHC
 - ENRTF not an ongoing source of funding – be very clear
 - Clearly state that outcomes and reports of results are expected
 - Outcomes and Innovative
 - If applied and received funding before, give a clear explanation of the long term plan to self sustain
 - Annual vs. Biennial
 - Need to know if phases of funding – what exactly are those phases and outcomes
 - Administrative expenses – allowable expenses needs further review
 - Need to be clear that all levels of funding can propose. Make a declarative statement. Call attention that the RFP is open to all dollar amounts - not a minimum
 - Should do more outreach of announcement of funding to college and University systems
 - As select for presentation and funding recommendations -- keep track of the size and location of projects, etc.
 - Encourage the use of citizen science and community involvement as appropriation
 - 116P Intellectual Property and sales cost share should be explicit in the RFP
 - Requirements for a Work plan, reporting and statements of outcomes should be very clear in the RFP
5. Other business (as needed)
- Next steps in the process
6. Adjourn
- Meeting adjourned at 11:30 a.m.
-

**2014 Environment and Natural Resources Trust Fund Proposals
Still Under Consideration Following 10/22/13 Meeting**

Attachment #1

Line #	LCCMR ID #	Project Title	Organization	REMAINING \$ Request	Project Manager	Region of Impact	Member Notes [Compiled from all members. Notes from individual members are designated with bullets]	Average Score	All Member Scores - High to Low	\$ AMOUNT
1	009-A	State Spring Inventory for Resource Management and Protection	MN DNR	\$875,746	Falteisek, Jan	Statewide	- \$250,000 protocol. - Allocate half the funds to test methods. - \$200,000	4.00	9,8,7,7,6,6,6,5,3,3,3,2,2,1,0,0,0	
2	010-A	Drainage Records Modernization and Statewide GIS Database	BWSR	\$730,000	Kean, Allan	Statewide	- \$480,000 - all of activity 1 & 2 + 50% cost share grants. - Charge to drainage authorities as fee. - Why should LCCMR pay for this??? - Agriculture should pay for this.	3.18	9,8,7,5,5,5,3,3,3,3,2,1,0,0,0,0	
3	034-B	Watershed Water Budgets for Managing Minnesota's Water	U.S. Geological Survey	\$129,300	Lorenz, David	Statewide	- County support?	4.35	8,8,8,8,8,6,5,5,4,4,3,3,2,2,0,0,0	
4	045-B	Identifying Causes of Exceptionally High Mercury in Fish	MN Pollution Control Agency	\$2,700,869	Monson, Bruce	Central, Northwest, Northeast	- \$1,000,000 and find match with clean water. - Much less \$ - Clean Water match or only 2-3 rivers. - Don't we already know this?	4.06	9,8,8,7,7,7,6,4,3,3,2,2,2,1,0,0,0	
5	050-B	Restoring Groundwater and Trout Habitat Through Irrigation Efficiencies	Benton County Soil and Water Conservation District	\$490,649	Maciej, Gerry	Central	- Will it be possible for this project to track nitrogen impacts?	3.25	9,8,8,8,7,3,3,3,1,1,1,0,0,0,0,0	
6	058-B	Nutrient Capture Through Water Management and Biomass Harvesting	Red River Basin Commission	\$478,500	Lewis, Jeff	Northwest	- \$300,000	4.53	9,9,9,9,8,7,7,4,3,3,3,3,2,1,0,0,0	
7	100-D	Brown Marmorated Stink Bug Monitoring and Biocontrol Evaluation	MN Department of Agriculture	\$266,024	Abrahamson, Mark	Statewide	- \$200,000 - Activity 2 only. - Activity 2 only - other states? - Only activity 2. - Learn from eastern experience instead.	4.41	8,7,6,6,5,5,5,4,4,4,4,3,3,3,3,2	
8	107-D	Invasive Species Control in Grassland Habitats	The Nature Conservancy	\$892,000	Winter, Brian	Central, Northwest, Southwest, Southeast	- \$350,000 - Fund for less \$. - Boots on the ground, can measure success, at least partial funding. - Activity 2. - TNC needs to pay, yet very important puzzle piece. - \$500,000	4.12	9,9,8,7,6,6,5,5,5,3,3,2,1,1,0,0,0	
9	109-D	Regional Aquatic Invasive Species Project	Red River Basin Commission	\$219,890	Courneya, Joe	Northwest	Give 50% and ask them back if it works. - Could they get funding from grants thru DNR and/or Legacy?	4.24	9,8,7,7,7,6,6,5,4,3,3,3,2,1,1,0,0	

Line #	LCCMR ID #	Project Title	Organization	REMAINING \$ Request	Project Manager	Region of Impact	Member Notes [Compiled from all members. Notes from individual members are are designated with bullets]	Average Score	Attachment #1	
									All Member Scores - High to Low	\$ AMOUNT
10	122-E	Transitioning Minnesota Farms to Local Energy	U of MN	\$1,049,992	Reese, Michael	Statewide	- \$750,000 - Not innovative, find match for half. - Ag? - This is Ag's to do.	4.59	9,7,7,6,6,6,5,5,5,4,4,3,3,3,2,0	
11	126-E	Life Cycle Energy of Renewably Produced Nitrogen Fertilizers	U of MN	\$512,732	Tallaksen, Joel	Statewide	- Match.	4.18	9,7,7,6,6,6,6,4,4,4,3,3,2,2,2,0,0	
12	174-F	Victus Farms: Expanding in New Directions	City of Silver Bay	\$356,000	Fralich, Lana	Northeast	- \$100,000 - make a loan for higher amounts. - Private or LGU match? Mostly UMD money.	4.00	9,8,8,7,6,5,4,4,4,3,3,3,2,2,0,0,0	
13	182-G	VanderWert Scientific and Natural Area and County Park	Fox Lake Conservation League, Inc.	\$455,000	Perrine, Rich	Southwest	- \$250,000 - 1:1 match? Uses? Compare to SNA.	4.59	9,8,7,7,6,6,5,4,4,4,3,3,3,3,2,1	
14	183-G	3,500-Foot Shoreland Acquisition on St. Croix River	Washington County	\$2,500,000	Harper, Jane	Metro	- Maybe, but it is a lot of money for one project. Any more local or private match? - Provide a match. - Nothing comparable. - Fund at \$1,250,000. - Critical acquisition; fund @ \$1,125,000. - Need assurance on other funding. - Partial support only.	4.53	9,9,9,9,7,7,5,4,4,4,3,3,2,1,1,0,0	
15		TOTAL \$ REQUEST REMAINING =		\$11,656,702						
16	PROPOSALS TO REVISIT									
17	073-C	Bee Discovery Center at the Minnesota Landscape Arboretum	U of MN, Landscape Arboretum	Recommended = \$450,000 Remaining = \$165,000	Moe, Peter	Statewide	- Coordinate with 006-A and include all pollinators. - \$200,000 - 50% less money - private match is needed. - Infrastructure. - Non-native species; received \$2,000,000 last yr from LCCMR. - \$200,000	5.41	9,9,9,8,8,8,7,7,7,7,5,3,2,2,1,0,0	
18	074-C	Urban Environmental Education Engaging Students in Local Resources	Wilderness Inquiry	Recommended = \$600,000 Remaining = \$493,000	Lais, Gregory	Metro	- Partial funding. - \$350,000 - Fund @ \$350,000.	5.75	9,9,8,8,7,7,7,7,7,7,7,2,0,0,0,0	
19	097-D	Blocking Asian Carp by Optimizing Lock and Dams	U of MN	Recommended = \$463,000 Remaining = \$0	Sorensen, Peter	Statewide	- Will it be an effective way to spend money? - \$1,200,000 - add L&D 8, invite back. - Add L&D 7 and 8, double Activity 2 - cost \$100,000.	8.06	9,9,9,9,9,9,9,9,9,8,8,7,7,5,3	
20		TOTAL \$ REQUEST REMAINING =		\$658,000						
21	TOTAL \$ REQUEST REMAINING =			\$12,314,702						

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)

TOTAL ALLOCATIONS =				\$28,879,000	TOTAL BALANCE =		\$581,000
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended	Allocation Notes
						ENRTF: FY 2015	
1	A. Foundational Natural Resource Data and Information (17 Proposals / \$8,977,667)						
2	X	001-A	Mapping Landscapes for Better Land and Water Management	U of MN	\$378,000	\$300,000	
3		002-A	Assess and Improve Ecological Health of Trust Lands	U of MN	\$514,000		
4		003-A	Online Access to Minnesota's Biodiversity for Environmental Management	U of MN	\$342,000		
5	X	004-A	Conserving Minnesotas Freshwater Mussel Legacy: Quantifying Habitat Interactions	U of MN	\$356,000	\$350,000	
6	X	005-A	Contaminants in Minnesotas Loons and Pelicans: Phase 2	MN DNR	\$259,000	\$260,000	Project needs to address the question of whether analysis could be completed in Minnesota instead of Connecticut.
7	X	006-A	Wild Bee Surveys in Prairie-Grassland Habitats	MN DNR	\$370,000	\$370,000	
8	X	008-A	Analyzing and sharing the Minnesota Breeding Bird Atlas	Audubon Minnesota	\$386,000	\$300,000	Funds cannot be used for the publication of the book.
9	X	009-A	State Spring Inventory for Resource Management and Protection	MN DNR	\$875,000	\$200,000	Project should get the process started by developing protocol and defining a "spring" - then have all DNR units and citizen science assist with identifying locations. Use a similar approach to that of Wisconsin.
10	X	010-A	Drainage Records Modernization and Statewide GIS Database	BWSR	\$730,000	\$230,000	Funding recommendation is for activity 1 and 2 only.
11		011-A	Impact of Grazing on Native Plants and Pollinators	U.S. Geological Survey	\$465,000		
12		013-A	Redesigned Updating of State and County Forest Inventories	MN DNR	\$1,794,000		
13	X	014-A	Impacts of Forest Quality on Declining Minnesota Moose	U of MN	\$394,000	\$300,000	
14	X	016-A	Moose Decline and Air Temperatures in Northeastern Minnesota	MN DNR	\$743,000	\$600,000	
15	X	017-A	Prairie Butterfly Conservation, Research and Breeding Program	Minnesota Zoological Garden	\$638,000	\$625,000	
16	X	019-A	Sandhill Crane Populations and Management in Minnesota	U of MN	\$306,000	\$250,000	

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)

TOTAL ALLOCATIONS =				\$28,879,000	TOTAL BALANCE =		\$581,000
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended	Allocation Notes
						ENRTF: FY 2015	
17	X	020-A	Expand the Minnesota Wildflowers Online Botanical Reference	MN Wildflowers Information	\$222,000	\$150,000	Project needs to address a transfer of assets to the state in the event organization dissolves or no longer maintains the website. Organization needs to meet with staff to discuss fiscal issues.
18	X	023-A	Restoring Long-Lost Forest Data and Extending Ecological Monitoring	U of MN	\$196,000	\$100,000	
19	13	Foundational Natural Resource Data and Information Subtotal =			\$8,968,000	\$4,035,000	
20							
21	B. Water Resources (18 Proposals / \$8,742,492)						
22	X	030-B	Antibiotics and Antibiotic Resistance Genes in Minnesota Lakes	U of MN	\$338,000	\$300,000	
23	X	031-B	Wastewater Estrogen: Removal Options, Fish Abundance, and Cost	U of MN	\$516,000	\$500,000	
24	X	032-B	Does Triclosan Create Super Bugs During Wastewater Treatment	U of MN	\$382,000	\$380,000	
25	X	033-B	Protecting Bacteria from Contaminants to Preserve Water Quality	U of MN	\$279,000	\$279,000	
26	X	034-B	Watershed Water Budgets for Managing Minnesota's Water	U.S. Geological Survey	\$129,000	\$129,000	
27	X	035-B	Protecting the State's Confined Drinking-Water Aquifers	U. S. Geological Survey	\$394,000	\$394,000	
28	X	036-B	Water: Solar Driven Destruction of Pesticides, Pharmaceuticals, Contaminants	U of MN	\$291,000	\$291,000	
29		037-B	Removing Phosphorous and Endocrine Disruptors from our Waterways	U of MN	\$493,000		
30	X	038-B	Rain Water Reuse and Valuation Investigation	U of MN	\$310,000	\$300,000	
31	X	040-B	Measuring hydrologic benefits from Glacial Ridge habitat restoration	Red Lake Watershed District	\$168,000	\$168,000	
32	X	045-B	Identifying Causes of Exceptionally High Mercury in Fish	MN Pollution Control Agency	\$2,700,000	\$743,000	Funding recommendation is for project to focus on Roseau River.
33	X	046-B	Sedimental Journey: Watershed-scale monitoring of BMP effectiveness	Science Museum of MN - St. Croix Watershed Research Station	\$972,000	\$900,000	
34		047-B	Demonstrating Farmer Led Conservation in Elm Creek Watershed	Rural Advantage	\$460,000		

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)						
TOTAL ALLOCATIONS = \$28,879,000				TOTAL BALANCE = \$581,000		
Line #	Rec	ID #	Project Title	Organization	\$ Requested	Allocation Notes
					LCCMR \$ Recommended	
					ENRTF: FY 2015	
35	X	048-B	Estrogen exposure analyses in Minnesotas Shallow Lake Wildlife	St. Thomas University	\$136,000	\$136,000
36		050-B	Restoring Groundwater and Trout Habitat Through Irrigation Efficiencies	Benton County Soil and Water Conservation District	\$490,000	
37		051-B	Small-scale Groundwater sustainability assessment	U of MN	\$118,000	
38	X	058-B	Nutrient Capture Through Water Management and Biomass Harvesting	Red River Basin Commission	\$478,000	\$300,000
39		062-B	Minnesota River Community Clean-Ups for Water Quality	Friends of the Minnesota Valley	\$85,000	
40	13	Water Resources Subtotal =			\$8,739,000	\$4,820,000
41						
42		C. Environmental Education (12 Proposals / \$5,487,834)				
43	X	066-C	Minnesota Conservation Apprenticeship Academy	BWSR	\$392,000	\$392,000
44		068-C	GreenStep Schools Program: School-based Environmental Education and Stewardship	MN Pollution Control Agency	\$900,000	
45	X	069-C	Minnesota Stories in a Changing Climate	Will Steger Foundation	\$413,000	\$325,000
46	X	071-C	Youth-led Sustainability Initiatives in 40 Greater MN Communities	Prairie Woods Environmental Learning Center	\$397,000	\$350,000
47	X	072-C	Minnesota Pollinator Partnership	Pheasants Forever	\$104,000	\$100,000
48	X	073-C	Bee Discovery Center at the Minnesota Landscape Arboretum	U of MN, Landscape Arboretum	\$615,000	\$615,000 Bee Discovery Center should present best science pertaining to all pollinators and native species. Organization needs to address concerns about access and fees, how going to do more outreach, and how going to ensure additional underserved children brought in at no or limited cost.
49	X	074-C	Urban Environmental Education Engaging Students in Local Resources	Wilderness Inquiry	\$1,093,000	\$1,093,000 Project needs to address how this effort will transition to a self-sustaining program in the future.
50	X	076-C	Raptor Lab: Online and Outdoors!	U of MN	\$186,000	\$186,000

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)

TOTAL ALLOCATIONS =				\$28,879,000	TOTAL BALANCE =		\$581,000
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended	Allocation Notes
						ENRTF: FY 2015	
51	X	077-C	Building Bridges to a Diverse Natural Resources Community	MN DNR	\$1,100,000	\$500,000	Recommendation does not include funds for ampitheatre or fishing pond. Proposers need to meet with LCCMR staff on potential implications for scope of work at this funding amount. Also - coordinate with Wildnerness Inquiry's related work.
52		080-C	TV Documentary: The Great Mille Lacs Walleye Mystery	Twin Cities Public Television	\$102,000		
53	X	083-C	Reducing Lake Quality Impairments through Citizen Action	Freshwater Society	\$59,000	\$59,000	
54	X	086-C	The Wolf At Our Door	International Wolf Center	\$123,000	\$120,000	
55	10	Environmental Education Subtotal =			\$5,484,000	\$3,740,000	
56							
57	D. Aquatic and Terrestrial Invasive Species (10 Proposals / \$8,790,966)						
58	X	097-D	Blocking Asian Carp by Optimizing Lock and Dams	U of MN	\$463,000	\$463,000	Contingent on the administration of the AIS Center and AIS Center research initiatives funding getting resolved in partnership with U of MN. Additional tentative allocation of \$391,000 more (Total = \$854,000) to add Lock and Dam #8 if issues resolved.
59	X	098-D	Biosurveillance and Biocontrol of EAB - Phase 2	MN Department of Agriculture	\$628,000	\$447,000	Funding recommendation is for activities 1, 2, and 4 only.
60	X	099-D	Mountain Pine Beetle: Invasive Threat to Minnesotas Pines	U of MN	\$382,000	\$250,000	
61	X	100-D	Brown Marmorated Stink Bug Monitoring and Biocontrol Evaluation	MN Department of Agriculture	\$266,000	\$266,000	
62	X	101-D	Bioacoustics to Detect, Deter and Eliminate Flying Carp	U of MN Duluth	\$262,000	\$262,000	
63		102-D	Bacterial Biodiversity for Sustainable St. Louis River Estuary	U of MN - Duluth	\$359,000		
64		104-D	Minnesota Deers Risk of Invading Epizootic Hemorrhagic Disease	U of MN - College of Veterinary Medicine	\$135,000		
65		106-D	Accelerated Effort to Understand and Control Zebra Mussels	MN DNR	\$5,180,000		

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)						
TOTAL ALLOCATIONS = \$28,879,000				TOTAL BALANCE = \$581,000		
Line #	Rec	ID #	Project Title	Organization	\$ Requested	Allocation Notes
					LCCMR \$ Recommended	
					ENRTF: FY 2015	
66	X	107-D	Invasive Species Control in Grassland Habitats	The Nature Conservancy	\$892,000	\$300,000 Work must only be done on public lands or lands with permanent protection per ENRTF requirements. Work should not be for ongoing maintenance of lands but should be for innovative control methods, as was indicated in the RFP. Project must coordinate with related DNR and LSOHC funded efforts.
67	X	109-D	Regional Aquatic Invasive Species Project	Red River Basin Commission	\$219,000	\$219,000 Project must coordinate with LSOHC and DNR efforts on local invasive species control. Project will need to provide specific reporting and analysis on outcomes and findings of this alternative approach on what works and what doesn't to make information helpful to other communities.
68	7	Aquatic and Terrestrial Invasive Species Subtotal =			\$8,786,000	\$2,207,000
69						
70		E. Air Quality, Climate Change, and Renewable Energy (12 Proposals / \$8,601,882)				
71	X	111-E	Assessing Species Vulnerability to Climate Change Using Phenology	U of MN	\$189,000	\$175,000
72	X	112-E	Solar Cell Materials from Sulfur and Common Metals	U of MN	\$494,000	\$494,000
73	X	116-E	Innovative Groundwater-Enhanced Geothermal Heat Pump Study	U of MN	\$196,000	\$196,000
74	X	121-E	Demonstrating Innovative Technologies to Fully Utilize Wastewater Resources	U of MN	\$2,041,000	\$1,000,000
75	X	122-E	Transitioning Minnesota Farms to Local Energy	U of MN	\$1,049,000	\$500,000 Any installation of infrastructure or improvements must be at the WROC, not private farms. Funding recommendation is to limit scope to the swine study.
76	X	125-E	Clean Water/Renewable Energy from Beet Waste/Manure	U of MN	\$403,000	\$400,000
77	X	126-E	Life Cycle Energy of Renewably Produced Nitrogen Fertilizers	U of MN	\$512,000	\$250,000
78	X	133-E	Next Generation Septic Tank Systems	U of MN	\$258,000	\$258,000
79		134-E	District Heating With Renewable Biomass at Camp Ripley	MN Department of Military Affairs/MN National Guard	\$1,970,000	

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)

TOTAL ALLOCATIONS = \$28,879,000					TOTAL BALANCE = \$581,000		
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended	Allocation Notes
						ENRTF: FY 2015	
80	X	137-E	Solar PV at Minnesotas Residential Environmental Learning Centers	Eagle Bluff, Wolf Ridge, Deep Portage, Long Lake, Audubon, Laurentian ELC	\$150,000	\$150,000	Prior to installation, organizations must submit to LCCMR office for review the proposed placement of solar systems in order to demonstrate maximum educational value.
81		139-E	Eliminating Sulfur from On-Farm Anaerobic Digester Emissions	MN Department of Agriculture	\$300,000		
82	X	140-E	Itasca Boiler/Woody Biomass Utilization Project	Itasca Community College	\$1,035,000	\$112,000	Funding is for final design only. Students must be involved in the design process. Proposers encouraged to apply for bonding for the construction.
83	10	Air Quality, Climate Change, and Renewable Energy Subtotal =			\$8,597,000	\$3,535,000	
84							
85	F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat (16 Proposals / \$7,151,694)						
86	X	146-F	Achieving Pollinator Landscapes with the Greatest Multiple Benefits	U of MN	\$1,714,000	\$864,000	Funding recommendation is for activities 1 and 2 only. Proposer is encouraged to apply to the Dept. of Agriculture grant programs for funding of other proposal elements.
87	X	147-F	Healthy Prairies: Seed Storage, Beneficial Microbes, and Adaptation	U of MN	\$695,000	\$600,000	
88		149-F	Developing Forever Green Crops for Minnesotas Agricultural Landscapes	U of MN	\$847,000		
89		150-F	Restoring Aquatic Habitat by Reducing Sediment from Streambanks	U of MN - Water Resources Center	\$276,000		
90	X	151-F	Protecting Bees by Understanding Systemic Insecticides	U of MN	\$326,000	\$326,000	
91	X	152-F	Northeast Minnesota White Cedar Restoration, Phase 2	BWSR	\$335,000	\$335,000	
92	X	154-F	Protecting the Best of the Best in Southeast	The Nature Conservancy	\$258,000	\$200,000	
93	X	157-F	Restoring our Lands and Waters	Great River Greening	\$414,000	\$300,000	
94	X	158-F	Protect, Restore and Enhance Significant Watershed Habitat.	Friends of the Mississippi River	\$204,000	\$200,000	
95		161-F	Maintaining Expiring CRP Land Benefits Using Integrative Cropping	U of MN	\$467,000		
96	X	162-F	Dredged Sediment for Forest Restoration on Unproductive Minelands	U of MN - NRRI	\$495,000	\$300,000	Project must address the overall role of the Army Corps of Engineers and clarify the permitting needed from MPCA.

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)

TOTAL ALLOCATIONS = \$28,879,000					TOTAL BALANCE = \$581,000		
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended	Allocation Notes
						ENRTF: FY 2015	
97	X	163-F	Cattail Management for Wetland Wildlife and Bioenergy Potential	U of MN	\$74,000	\$74,000	
98		164-F	Innovative Technology to Seed Plants on Streambanks	U of MN	\$189,000		
99		171-F	Ecological Management Plans - Mississippi River Watershed and Minneapolis	Minneapolis Park and Recreation Board	\$228,000		
100		172-F	Increasing Habitat and Ecosystem Benefits through Forest management	MN DNR - Div of Forestry	\$268,000		
101	X	174-F	Victus Farms: Expanding in New Directions	City of Silver Bay	\$356,000	\$176,000	Funding recommendation is for activity 3 only.
102	10	Methods to Protect, Restore, and Enhance Subtotal =			\$7,146,000	\$3,375,000	
103							
104	G. Land Acquisition for Habitat and Recreation (7 Proposals / \$10,855,070)						
105	X	177-G	SNA Acquisition, Restoration, Improvement & Citizen Engagement	MN DNR	\$3,951,000	\$2,540,000	Recommendation is that priority must be given to lands that have been challenged to garner support in the LSOHC process, such as particularly fragile lands or lands only suited for passive recreation.
106	X	178-G	Metropolitan Regional Park System Acquisition--Phase 3	Metropolitan Council	\$2,250,000	\$1,500,000	
107	X	182-G	VanderWert Scientific and Natural Area and County Park	Fox Lake Conservation League, Inc.	\$455,000	\$435,000	
108	X	183-G	3,500-Foot Shoreland Acquisition on St. Croix River	Washington County	\$2,500,000	\$1,250,000	Funding recommendation is contingent on project providing \$2,500,000 or more of local match.
109	X	184-G	Mesabi Trail Development - Soudan to Ely Segment	St. Louis & Lake Counties Regional Railroad Auth.	\$1,000,000	\$1,000,000	
110		187-G	Strategic Land Acquisition, Accelerating Sales and Exchanges	MN DNR	\$500,000		
111	X	188-G	Connecting the Minnesota River Water Trail and Morton	City of Morton	\$198,000	\$198,000	
112	6	Land Acquisition for Habitat and Recreation Subtotal =			\$10,854,000	\$6,923,000	
113							

FY 2015 Environment and Natural Resources Trust Fund Allocations (2014 RFP)									
TOTAL ALLOCATIONS =				\$28,879,000		TOTAL BALANCE =		\$581,000	
Line #	Rec	ID #	Project Title	Organization	\$ Requested	LCCMR \$ Recommended		Allocation Notes	
						ENRTF: FY 2015			
114	H. Other (2 Proposals / \$144,000)								
115	X	191-H	Contract Management	MN DNR	\$135,000		\$135,000	Project should provide better reporting/breakdown of expenditures, such as hours spent per project.	
116	X	192-H	LCC - Web	LCC	\$9,000		\$9,000		
117	2	Other Subtotal =			\$144,000		\$144,000		
118	Administration (1 Proposal / \$100,000)								
119	X	N/A	LCCMR Proposal/Project Management	LCCMR	\$100,000		\$100,000		
120	0	Administration Subtotal =			\$100,000		\$100,000		
121									
122			TOTAL \$ REQUESTS =		\$58,818,000		\$28,879,000	= TOTAL \$ RECOMMENDED	