

**M.L. 2013, Chapter 52, Section 2 - Environment and Natural Resources Trust Fund Appropriations  
Work Plan Approval List - LCCMR Meeting June 25, 2013**

Line #	Subd. #	Title	Affiliation	Project Manager	\$ Appropriated	State Classified Staff	Fee Title Acquisition	Conservation Easement Acquisition	Equipment over \$3,500	Direct & Necessary Expenses	Staff Recommend Consent Approval	Date Approved	Staff Notes
1	<b>Appropriations with no changes from LCCMR recommendation; Staff recommend consent approval</b>												
2	03b	County Geologic Atlases - Part A	U of MN - MN Geological Survey	Dale Setterholm	\$1,200,000						X	6/11/2013	
3	03f	Harnessing Soudan Mine Microbes: Bioremediation, Bioenergy and Biocontrol	U of MN	Christine Salomon	\$838,000						X	6/11/2013	
4	03g	Improved Rapid Forest Ecosystem and Habitat Inventory	U of MN	Alan Ek	\$262,000						X	6/11/2013	
5	03h	Finding Disease Resistant Elm Trees in Minnesota	U of MN	Robert Blanchette	\$200,000						X	6/11/2013	
6	03i	Enhancing Timber Sale Program Environmental and Economic	U of MN	Charles Blinn	\$336,000						X	6/11/2013	
7	03j	Enhancing Environmental and Economic Benefits of Woodland Grazing	U of MN	Diomy Zamora	\$190,000						X	6/11/2013	
8	04d	Metropolitan Conservation Corridors (MeCC) - Phase VII (Total - \$2,000,000)	Minnesota Land Trust	John Curry	\$0						X	6/11/2013	- Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 appropriation is approved by LCCMR
9	04d1.1/1.2	MeCC VII - 1.1/1.2: Coordination and Mapping	Minnesota Land Trust	John Curry	\$20,000	Yes					X	6/11/2013	- Approve use of classified staff - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 appropriation is approved by LCCMR
10	04d2.1/3.4	MeCC VII - 2.1 & 3.4: Protect, Restore and Enhance Significant Watershed Habitat	Friends of the Mississippi River	Tom Lewanski	\$304,000		Yes				X	6/11/2013	- Non-state acquisitions - local (only one acquisition as proposed) - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 appropriation is approved by LCCMR
11	04d2.3	MeCC VII - 2.3: Restoring Our Lands and Waters	Great River Greening	Wiley Buck	\$208,000						X	6/11/2013	- No acquisition - all restoration
12	04e	Landscape Arboretum Acquisition Lake Tamarack	U of MN - MN Landscape Arboretum	Peter Moe	\$2,000,000		Yes				X	6/11/2013	- Non-state acquisitions - U of MN (only one acquisition as proposed)
13	04f	Conservation Program Technical Assistance	MN Board of Water and Soil Resources	Tim Koehler	\$3,000,000						X	6/11/2013	
14	04g	Moose Habitat Restoration in Northeastern Minnesota	U of MN - NRRRI	Ron Moen	\$200,000						X	6/11/2013	
15	04h	Bee Pollinator Habitat Enhancement	U of MN	Marla Spivak	\$200,000						X	6/11/2013	
16	04k	Frogtown Farm and Park Acquisition	The Trust for Public Land	Robert McGillivray	\$1,500,000		Yes				X	6/11/2013	- Non-state acquisitions - local (only one acquisition as proposed)

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17	05b	Assessment of Natural Copper-Nickel Bedrocks on Water Quality	U of MN - NRRRI	Steve Hauck	\$585,000	Yes					X	6/11/2013	- Approve use of DNR classified staff (.115 FTE)
18	05c	Heron Lake Sediment and Phosphorus Reduction Implementation Projects	Heron Lake Watershed District	Jan Voit	\$122,000						X	6/11/2013	
19	05e	Measuring Hydrologic Benefits from Glacial Ridge Habitat Restoration	USGS Red Lake Watershed District	Tim Cowdery Myron Jesme	\$400,000						X	6/11/2013	
20	05f	Evaluation of Lake Superior Water Quality Health	U of MN - Duluth	Erik Brown	\$600,000						X	6/11/2013	
21	05g	Membranes for Wastewater-Generated Hydrogen and Clean Water	U of MN	Paige Novak	\$246,000						X	6/11/2013	
22	05h	Antibiotics in Minnesota Waters - Phase II - Mississippi River	University of St Thomas	Kristine Wammer	\$203,000	Yes					X	6/11/2013	
23	06c-1	Improving Emerald Ash Borer Detection Efficacy for Control	MN Department of Agriculture	Mark Abrahamson	\$240,000						X	6/11/2013	
24	06c-2	Improving Emerald Ash Borer Detection Efficacy for Control	U of MN	Brian Aukema	\$360,000						X	6/11/2013	
25	06d	Elimination of Target Invasive Plant Species	MN Department of Agriculture	Monika Chandler	\$350,000						X	6/11/2013	
26	06e	Biological Control of Garlic Mustard	MN DNR	Laura Van Riper	\$140,000					\$0	X	6/11/2013	
27	06f	Zebra Mussel Control Research and Evaluation in Minnesota Waters	US Geological Survey, Upper Midwest Environmental	Mark Gaikowski	\$600,000						X	6/11/2013	
28	06g	Controlling Terrestrial Invasive Plants with Grazing Animals	Hiawatha Valley Resource Conservation & Development, Inc.	Suzy Meneguzzo	\$52,000	Yes					X	6/11/2013	
29	07a	Minnesota Conservation Apprentice Academy	Board of Water and Soil Resources	Jenny Gieseke	\$186,000						X	6/11/2013	
30	07b	Youth Outdoors: Mississippi River Education and Employment Opportunities	Wilderness Inquiry	Dave Haugen	\$450,000				Yes		X	6/11/2013	- Capital equipment: Two (2) Voyager Canoes (\$12,000 each)
31	08a	Legislative-Citizen Commission on Minnesota Resources	Legislative-Citizen Commission on	Susan Thornton	\$990,000						X	6/11/2013	
32	<b>Appropriations needing LCCMR approval of fee title acquisition lists</b>												
33	04d3.1	MeCC VII - 3.1: 2013 TPLs Critical Land Protection Program	The Trust for Public Land	Robert McGillivray	\$400,000		Yes					6/11/2013	- Non-state acquisitions - local

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34	04d3.3	MeCC VII - 3.3: Priority Expansion of Minnesota Valley National Wildlife Refuge	Minnesota Valley National Wildlife Refuge Trust Inc	Deborah Loon	\$400,000		Yes						- Non-state acquisitions - federal - Commission review and approve fee title acquisition list - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 - LCCMR
35	<b>Appropriations needing LCCMR approval of conservation easement acquisition lists; Presentation to be scheduled 06/25/2013</b>												
36	04d2.6/3.7	MeCC VII - 2.6 & 3.7: Dakota County Lakeshore and Riparian Protection	Dakota County	Al Singer	\$368,000			Yes					- Non-state easement acquisitions - county - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 - LCCMR
37	04d3.2	MeCC VII - 3.2: Protect Significant Habitat by Acquiring Conservation Easements	Minnesota Land Trust	John Curry	\$300,000			Yes					- Non-state easement acquisitions. - Commission review and approve easement acquisition list and monitoring, management, and enforcement fund. - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 - LCCMR
38	04j	Preserving the Avon Hills Landscape - Phase II	Saint Johns Arboretum and University	Thomas Kroll	\$772,000			Yes					- Non-state easement acquisitions - Commission review and approve easement acquisition list and monitoring, management, and enforcement fund. - Approve contingent on ML 2011 appropriation expended or a plan to transition to ML 2013 - LCCMR
39	<b>Appropriations not included in LCCMR recommendation; Presentation to Commission needed; Approval will be considered on 06/25/13</b>												
40	04l	Restoration Evaluation	U of MN	Sue Galatowitsch	\$200,000								- Need Presentation - Funds are transfer from ML 2009 appropriation
41	08b	Contract Management	MN DNR	Amanda Graeber	\$135,000								- Needs Presentation
42	<b>Approval will be considered on 06/25/13</b>												
43	05d	Southern Minnesota Lakes Restoration	Le Sueur SWCD	Lauren Klement (Michael Schultz)	\$463,000						X		
44	06a	An Aquatic Invasive Species Research Center	U of MN	Peter Sorensen	\$8,700,000				Yes		X		- Includes \$4,350,000 from FY 14 and \$4,350,000 from FY 15. - Approve overall work plan contingent on MAISRC staff working with LCCMR staff to break-out individual research efforts into more detailed sub-work plans once individual efforts ready to get underway.

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45	<b>Appropriations awaiting additional budget information on direct and necessary expenses in order to comply with ML 2013 session law per 05/22/13 letter requesting to DNR Commissioner from LCCMR Co-Chairs; Approval will be considered following receipt and Commission review</b>												
46	03a	Minnesota Biological Survey	MN DNR	Carmen Converse	\$2,650,000	Yes				\$219,699			- Approve use of classified staff (3.2 FTE) - Approve Direct and Necessary Expenses
47	03c	County Geologic Atlases - Part B	MN DNR	Jan Falteisek	\$1,200,000	Yes				\$79,216			- Approve use of classified staff (8 FTE) - Approve Direct and Necessary Expenses
48	03d	Updating the National Wetland Inventory for Minnesota - Phase IV	MN DNR	Steve Kloiber	\$1,000,000					\$82,905			- Approve Direct and Necessary Expenses
49	03e	Conservation Easement Stewardship Program - Phase III	MN DNR	Susan Damon	\$200,000					\$17,177			- Approve Direct and Necessary Expenses
50	04a	State Parks and State Trails Land Acquisition	MN DNR	Dana Vanderbosch	\$1,000,000		Yes			\$2,014			- Approve Direct and Necessary Expenses
51	04b	Scientific and Natural Areas Restoration, Enhancement and Citizen Engagement	MN DNR	Peggy Booth	\$1,500,000	Yes				\$124,358			- Approve use of classified staff - Approve Direct and Necessary Expenses
52	04c	Native Prairie Stewardship and Prairie Bank Easement Acquisition	MN DNR	Jason Garms	\$750,000	Yes	Yes			\$25,120			- Approve use of classified staff - Approve Direct and Necessary Expenses
53	04i	Conservation Grazing to Improve Wildlife Habitat on Wildlife Management Areas	MN DNR	Mike Tenney	\$600,000	Yes				\$49,339			- Approve use of classified staff (0.05 FTE) - Approve Direct and Necessary Expenses - DNR keeps income - reporting on income requested
54	05a	Sustaining Lakes in a Changing Environment - Phase II	MN DNR	Donald Pereira	\$1,200,000					\$70,268			- Approve Direct and Necessary Expenses
55	06b	Detection and Monitoring of Asian Carp Populations	MN DNR	Bradford Parsons	\$540,000				Yes	\$44,405			- Capital equipment: Two (2) non-prop propulsion outboard motors (\$6,000 each) - Approve Direct and Necessary Expenses