

2015 Environment and Natural Resources Trust Fund
M.L. 2015 Appropriations: Chapter 76, Section 2 (FY 2016)

For the FY 2016 and FY 2017 biennium (July 1, 2015 - June 30, 2017), approximately \$46.3 million is available each year (total = \$92,674,000) for funding from: Environment and Natural Resources Trust Fund. In response to the 2015 Request for Proposal (RFP) 152 proposals requesting a total of approximately \$126.3 million were received. Through a competitive, multi-step process, 76 of these proposals, requesting a total of \$74.9 million, were chosen to present to the LCCMR and 65 of those proposals were selected to receive a recommendation for funding to the 2015 MN Legislature. The Legislature adopted 63 of these project recommendations and replaced two of them with two new project appropriations on 05/18/15. The project appropriations adopted by the Legislature were signed into law by the Governor on 05/22/15.

Topic Area	\$46,383,000	Percentage of Total
Subd. 03 Foundational Natural Resource Data and Information 19 Appropriations	\$12,932,000	27.88%
Subd. 04 Water Resources 9 Appropriations	\$3,065,000	6.61%
Subd. 05 Environmental Education 5 Appropriations	\$1,004,000	2.16%
Subd. 06 Aquatic and Terrestrial Invasive Species 4 Appropriations	\$6,071,000	13.09%
Subd. 07 Air Quality, Climate Change, and Renewable Energy 3 Appropriations	\$2,268,000	4.89%
Subd. 08 Methods to Protect, Restore, and Enhance Land, Water, and Habitat 11 Appropriations	\$4,646,000	10.02%
Subd. 09 Land Acquisition for Habitat and Recreation 11 Appropriations	\$14,190,000	30.59%
Subd. 10 Emerging Issues Account 1 Appropriation	\$1,000,000	2.16%
Subd. 11. Administration and Contract Agreement Reimbursement 2 Appropriations	\$1,207,000	2.60%
TOTAL \$	\$46,383,000	100.00%

Fund Source	\$	\$ Remaining (12/09/2014)
FY 2016 - Environment and Natural Resources Trust Fund (ENRTF)		
Total \$ Available = \$46,337,000	\$46,324,000	\$13,000
FY 2016 - Great Lakes Protection Account (GLPA)		
Total \$ Available = \$59,000	\$59,000	\$0
TOTAL \$	\$46,383,000	\$13,000

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Subd.	Title	Total \$ FY2016	ENRTF \$ FY 2016	GLPA \$ FY2016	Affiliation	Program Manager	Region of Impact*
Subd. 03 Foundational Natural Resource Data and Information (19 Appropriations - Subtotal = \$12,932,000)							
03a	County Geologic Atlases - Part A	\$2,040,000	\$2,040,000	\$0	U of MN - MN Geological Survey	Dale Setterholm	Statewide
03b	County Geologic Atlases - Part B	\$2,000,000	\$2,000,000	\$0	MN DNR	Jan Falteisek	Statewide
03c	Minnesota Biological Survey	\$2,450,000	\$2,450,000	\$0	MN DNR	Bruce Carlson	Statewide
03d	Minnesota Biodiversity Atlas for Enhanced Natural Resource Management	\$340,000	\$340,000	\$0	U of MN - Bell Museum of Natural History	Keith Barker	Statewide
03e	Updating the National Wetland Inventory for Minnesota - Phase V	\$1,500,000	\$1,500,000	\$0	MN DNR	Steve Kloiber	Statewide
03f	Creating a Statewide Wetland Bird Monitoring Program	\$146,000	\$146,000	\$0	Audubon Minnesota	Kristin Hall	Statewide
03g	Minnesota Native Bee Atlas	\$790,000	\$790,000	\$0	U of MN	Robert Blair	Statewide
03h	Reintroduction and Interpretation of Bison in Minnesota State Parks	\$600,000	\$600,000	\$0	MN DNR	Edward Quinn	Statewide
03i	Endangered Bats, White-Nose Syndrome, and Forest Habitat	\$1,250,000	\$1,250,000	\$0	MN DNR	Richard Baker	Statewide
03j	Assessing Contaminants in Minnesota Loons and Pelicans - Phase III	\$141,000	\$141,000	\$0	MN DNR	Carrol Henderson	Statewide
03k	Movement and Seasonal Habitat Use of Minnesota Elk	\$200,000	\$200,000	\$0	MN DNR	Gino D'Angelo	NW
03l	Genetic and Camera Techniques to Estimate Carnivore Populations	\$200,000	\$200,000	\$0	U of MN - NRRI	Ron Moen	Central, NE, NW
03m	Aquatic and Terrestrial Reptile Habitat	\$250,000	\$250,000	\$0	University of St. Thomas	Jennifer McGuire	Metro
03n	Digitization of Historic Gullion Ruffed Grouse Research	\$75,000	\$75,000	\$0	Central Lakes College	Kent Montgomery	Central, NE
03o	Effects of Grazing Versus Fire for Prairie Management	\$414,000	\$414,000	\$0	U of MN	Karen Oberhauser	Statewide
03p	Assessing Ecological Impact of St. Anthony Falls Lock Closure	\$125,000	\$125,000	\$0	Minneapolis Riverfront Partnership	Kathleen Boe	Metro
03q	Foundational Dataset Characterizing Historic Forest Disturbance Impacts	\$200,000	\$200,000	\$0	U of MN	Michael Falkowski	NE, NW
03r	Hydrologic Effects of Contemporary Forest Practices in Minnesota	\$150,000	\$150,000	\$0	U of MN	Diana Karwan	NE
03s	Habitat Mitigation for Goblin Fern Conservation	\$61,000	\$61,000	\$0	Leech Lake Band of Ojibwe	Bobby Henderson	Central
Foundational Natural Resource Data and Information Subtotal =		\$12,932,000	\$12,932,000	\$0			
Subd. 04 Water Resources (9 Appropriations - Subtotal = \$3,065,000)							
04a	Understanding Water Scarcity, Threats, and Values to Improve Management	\$234,000	\$234,000	\$0	U of MN	Bonnie Keeler	Statewide
04b	Biofilm Technology for Water Nutrient Removal	\$281,000	\$281,000	\$0	U of MN	Bo Hu	Statewide

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04c	Biological Consequences of Septic Pollution in Minnesota Lakes	\$364,000	\$364,000	\$0	St. Cloud State University	Heiko Schoenfuss	Statewide
04d	Preventing Phosphorous from Entering Water Resources through Drain Tiles	\$505,000	\$505,000	\$0	U of MN	Kenneth Valentas	Statewide
04e	Southeast Minnesota Cover Crop and Soil Health Initiatives	\$253,000	\$253,000	\$0	Board of Water and Soil Resources	Matt Drewitz	SE
04f	Southeast Minnesota Subsurface Drainage Impacts on Groundwater Recharge	\$488,000	\$488,000	\$0	U.S. Geological Survey	Erik Smith	SE
04g	Using Hydroacoustics to Monitor Sediment in Minnesota Rivers	\$455,000	\$455,000	\$0	U.S. Geological Survey	Christopher Ellison	Central, Metro, SE
04h	Assessment of Irrigation Efficiencies in Benton County	\$431,000	\$431,000	\$0	Benton Soil and Water Conservation District	Gerry Maciej	Central
04i	Shoreview Water Consumption and Groundwater Awareness Project	\$54,000	\$54,000	\$0	City of Shoreview	Mark Maloney	Metro
Water Resources Subtotal =		\$3,065,000	\$3,065,000	\$0			
Subd. 05 Environmental Education (5 Appropriations - Subtotal = \$1,004,000)							
05a	Trap Shooting Sports Facility Grants	\$132,000	\$132,000	\$0	MN DNR		Statewide
05b	Connecting Students with Watersheds through Hands-On Learning	\$400,000	\$400,000	\$0	Minnesota Trout Unlimited	John Lenczewski	Statewide
05c	Zumbro River Watershed Recreational Learning Stewardship Sites	\$300,000	\$300,000	\$0	Zumbro Watershed Partnership	Lawrence Svien	SE
05d	Students Engaging Local Watersheds Using Mobile Technologies	\$147,000	\$147,000	\$0	Twin Cities Public Television	Joan Freese	Statewide
05e	Mississippi River Water Journey Camps	\$25,000	\$25,000	\$0	U of MN	Beth Mercer-Taylor	Metro
Environmental Education Subtotal =		\$1,004,000	\$1,004,000	\$0			
Subd. 06 Aquatic and Terrestrial Invasive Species (4 Appropriations - Subtotal = \$6,071,000)							
06a	Minnesota Invasive Terrestrial Plants and Pests Center	\$5,000,000	\$5,000,000	\$0	U of MN	Robert Venette	Statewide
06b	Emerald Ash Borer Ecological and Hydrological Impacts – Phase II	\$400,000	\$400,000	\$0	U of MN	Anthony D'Amato	Statewide
06c	Biological Control of Canada Thistle	\$300,000	\$300,000	\$0	U of MN	Roger Becker	Statewide
06d	Preventing a New Disease of Pines in Minnesota	\$371,000	\$371,000	\$0	U of MN	Robert Blanchette	Statewide
Aquatic and Terrestrial Invasive Species Subtotal =		\$6,071,000	\$6,071,000	\$0			
Subd. 07 Air Quality, Climate Change, and Renewable Energy (3 Appropriations - Subtotal = \$2,268,000)							
07a	Renewable and Sustainable Fertilizers Produced Locally	\$1,000,000	\$1,000,000	\$0	U of MN	Alon McCormick	Statewide
07b	Reducing Emissions from Open Burning through Biomass Gasification	\$268,000	\$268,000	\$0	U of MN	William Northrop	Metro, SW

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07c	Building Deconstruction to Reduce Greenhouse Gas Emissions and Solid Waste	\$1,000,000	\$1,000,000	\$0	The NetWork for Better Futures d/b/a Better Futures Minnesota / NRRI	Steve Thomas / Victor Krause	Central, Metro, NE,
Air Quality, Climate Change, and Renewable Energy Subtotal =		\$2,268,000	\$2,268,000	\$0			
Subd. 08 Methods to Protect, Restore, and Enhance Land, Water, and Habitat (11 Appropriations - Subtotal = \$4,646,000)							
08a	Prioritizing Future Management of North Shore Trout Streams	\$416,000	\$357,000	\$59,000	U of MN - NRRI	Lucinda Johnson	NE
08b	Propagating Native Plants and Restoring Diverse Habitats	\$495,000	\$495,000	\$0	Martin County Soil and Water Conservation District	Rich Perrine	Central, NE, NW, SW
08c	Preserving and Protecting Minnesota Native Orchid Species	\$167,000	\$167,000	\$0	U of MN - Landscape Arboretum	David Remucal	Statewide
08d	Acceleration of Minnesota Conservation Assistance - Final Phase	\$1,000,000	\$1,000,000	\$0	Board of Water and Soil Resources	Tabor Hoek	Statewide
08e	Metro Conservation Corridors Phase VIII - Prairie, Forest, and Savanna Restoration	\$276,000	\$276,000	\$0	Friends of the Mississippi River	Tom Lewanski	Metro
08f	Metro Conservation Corridors Phase VIII - Enhancing Restoration Techniques for Improved Climate Resilience and Pollinator Conservation	\$400,000	\$400,000	\$0	Great River Greening	Wiley Buck	Metro
08g	Minnesota State University Moorhead Prairie and Riparian Restoration and Monitoring	\$527,000	\$527,000	\$0	Moorhead State University	Brian Wisenden	NW
08h	Improving Community Forests Through Citizen Engagement	\$800,000	\$800,000	\$0	MN DNR	Ken Holman	Statewide
08i	Flood Recovery on Sargent Creek Duluth Habitat Restoration	\$300,000	\$300,000	\$0	City of Duluth	Christopher Kleist	NE
08j	Shoreland Protection for the Lower St. Croix River	\$190,000	\$190,000	\$0	St. Croix River Association	Deb Ryun	Metro
08k	Redwood and Renville Counties Outdoor Recreation and Conservation Master Plan	\$75,000	\$75,000	\$0	Redwood County and Renville County	Mark Erickson	Central, SW
Methods to Protect, Restore, and Enhance Land, Water, and Habitat Subtotal =		\$4,646,000	\$4,587,000	\$59,000			
Subd. 09 Land Acquisition for Habitat and Recreation (11 Appropriations - Subtotal = \$14,190,000)							
09a	State Parks and State Trails Land Acquisitions	\$1,500,000	\$1,500,000	\$0	MN DNR	Jennifer Christie	Statewide
09b	Metropolitan Regional Park System Land Acquisition - Phase IV	\$1,000,000	\$1,000,000	\$0	Metropolitan Council	Jan Youngquist	Metro
09c	SNA Acquisition, Restoration, Enhancement and Public Engagement	\$4,000,000	\$4,000,000	\$0	MN DNR	Peggy Booth	Statewide
09d	Native Prairie Stewardship and Prairie Bank Easement Acquisition	\$3,325,000	\$3,325,000	\$0	MN DNR	Judy Schulte	Central, NW, SE, SW
09e	Metro Conservation Corridors Phase VIII - Coordination and Mapping and Conservation Easements	\$515,000	\$515,000	\$0	Minnesota Land Trust	Kris Larson	Metro
09f	Metro Conservation Corridors Phase VIII - Strategic Lands Protection	\$750,000	\$750,000	\$0	The Trust for Public Land	Robert McGillivray	Metro

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09g	Metro Conservation Corridors Phase VIII - Priority Expansion of Minnesota Valley National Wildlife Refuge	\$500,000	\$500,000	\$0	Minnesota Valley National Wildlife Refuge Trust Inc	Deborah Loon	Metro
09h	Metro Conservation Corridors Phase VIII - Wildlife Management Area Acquisition	\$400,000	\$400,000	\$0	MN DNR	Patrick Rivers	Metro
09i	Mesabi Trail Development Soudan to Ely - Phase II	\$1,000,000	\$1,000,000	\$0	St. Louis & Lake Counties Regional Railroad Authority	Bob Manzoline	NE
09j	Multi-benefit Watershed Scale Conservation on North Central Lakes	\$950,000	\$950,000	\$0	Leech Lake Area Watershed Foundation / BWSR	Lindsey Ketchel / Dan Steward	Central
09k	Conservation Easement Assessment and Valuation System Development	\$250,000	\$250,000	\$0	U of MN	Bonnie Keeler	Statewide
Land Acquisition for Habitat and Recreation Subtotal =		\$14,190,000	\$14,190,000	\$0			
Subd. 10 Emerging Issues Account (1 Appropriation - Subtotal = \$1,000,000)							
10	Emerging Issues Account	\$1,000,000	\$1,000,000	\$0	LCCMR	Susan Thornton	Statewide
Emerging Issues Account Subtotal =		\$1,000,000	\$1,000,000	\$0			
Subd. 11 Administration and Contract Agreement Reimbursement (2 Appropriations - Subtotal = \$1,207,000)							
11a	Legislative-Citizen Commission on Minnesota Resources (LCCMR)	\$1,072,000	\$1,072,000	\$0	Legislative-Citizen Commission on Minnesota Resources	Susan Thornton	Statewide
11b	Contract Agreement Reimbursement	\$135,000	\$135,000	\$0	MN DNR	Amanda Graeber	Statewide
Administration and Contract Agreement Reimbursement Subtotal =		\$1,207,000	\$1,207,000	\$0			
Total \$ Recommendation =		\$46,383,000	\$46,324,000	\$59,000			

*Region of Impact designated in the State include Statewide, Central, Metro, NE, NW, SE, SW. Metro region includes the 11 counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright.