

M.L. 2015 Environment and Natural Resources Trust Fund H.F. 390 1st Engrossment (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 the Environment and Natural Resources Trust Fund and the Great Lakes Protection Account (GLPA).

Topic Area	\$ (\$46,383,000)	Percentage of Total
Subd. 03 Foundational Natural Resource Data and Information 18 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	\$5,646,000	12.17%
Subd. 09 Land Acquisition for Habitat and Recreation 11 Appropriations	\$14,190,000	30.59%
Subd. 10. 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)	\$46,324,000	\$13,000
Total \$ Available = \$46,337,000		
FY 2016 - Great Lakes Protection Account (GLPA)	\$59,000	\$0
Total \$ Available = \$59,000		
TOTAL \$	\$46,383,000	\$13,000

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Subd.	HF 390 as amended Line #	ENRTF ID	Title	Total LCCMR \$	ENRTF FY 2016	GLPA FY 2016	Affiliation
Subd. 03 Foundational Natural Resource Data and Information (18 Appropriations - Subtotal = \$12,932,000)							
03a	2.23	001-A	County Geologic Atlases - Part A	\$2,040,000	\$2,040,000	\$0	U of MN - MN Geological Survey
03b	3.4	006-A	County Geologic Atlases - Part B	\$2,000,000	\$2,000,000	\$0	MN DNR
03c	3.21	002-A	Minnesota Biological Survey	\$2,700,000	\$2,700,000	\$0	MN DNR
03d	3.31	005-A	Minnesota Biodiversity Atlas for Enhanced Natural Resource Management	\$340,000	\$340,000	\$0	U of MN - Bell Museum of Natural History
03e	4.12	003-A	Updating the National Wetland Inventory for Minnesota - Phase V	\$1,500,000	\$1,500,000	\$0	MN DNR
03f	4.21	014-A	Creating a Statewide Wetland Bird Monitoring Program	\$146,000	\$146,000	\$0	Audubon Minnesota
03g	4.33	011-A	Minnesota Native Bee Atlas	\$790,000	\$790,000	\$0	U of MN
03h	5.11	008-A	Reintroduction and Interpretation of Bison in Minnesota State Parks	\$600,000	\$600,000	\$0	MN DNR
03i	5.22	004-A	Endangered Bats, White-Nose Syndrome, and Forest Habitat	\$1,250,000	\$1,250,000	\$0	MN DNR
03j	6.1	007-A	Assessing Contaminants in Minnesota Loons and Pelicans - Phase III	\$141,000	\$141,000	\$0	MN DNR
03k	6.12	017-A	Movement and Seasonal Habitat Use of Minnesota Elk	\$200,000	\$200,000	\$0	MN DNR
03l	6.25	013-A	Genetic and Camera Techniques to Estimate Carnivore Populations	\$200,000	\$200,000	\$0	U of MN - NRRI
03m	6.34	031-A	Digitization of Historic Gullion Ruffed Grouse Research	\$75,000	\$75,000	\$0	Central Lakes College
03n	7.9	009-A	Effects of Grazing Versus Fire for Prairie Management	\$414,000	\$414,000	\$0	U of MN
03o	7.21	010-A	Assessing Ecological Impact of St. Anthony Falls Lock Closure	\$125,000	\$125,000	\$0	Minneapolis Riverfront Partnership
03p	7.33	020-A	Foundational Dataset Characterizing Historic Forest Disturbance Impacts	\$200,000	\$200,000	\$0	U of MN

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03q	8.13	024-A	Hydrologic Effects of Contemporary Forest Practices in Minnesota	\$150,000	\$150,000	\$0	U of MN
03r	8.29	018-A	Habitat Mitigation for Goblin Fern Conservation	\$61,000	\$61,000	\$0	Leech Lake Band of Ojibwe
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	9.8	033-B	Understanding Water Scarcity, Threats, and Values to Improve Management	\$234,000	\$234,000	\$0	U of MN
04b	9.23	034-B	Biofilm Technology for Water Nutrient Removal	\$281,000	\$281,000	\$0	U of MN
04c	10.1	036-B	Biological Consequences of Septic Pollution in Minnesota Lakes	\$364,000	\$364,000	\$0	St. Cloud State University
04d	10.18	035-B	Preventing Phosphorous from Entering Water Resources through Drain Tiles	\$505,000	\$505,000	\$0	U of MN
04e	10.30	047-B	Southeast Minnesota Cover Crop and Soil Health Initiatives	\$253,000	\$253,000	\$0	Board of Water and Soil Resources
04f	11.1	037-B	Southeast Minnesota Subsurface Drainage Impacts on Groundwater Recharge	\$488,000	\$488,000	\$0	U.S. Geological Survey
04g	11.27	045-B	Using Hydroacoustics to Monitor Sediment in Minnesota Rivers	\$455,000	\$455,000	\$0	U.S. Geological Survey
04h	12.8	048-B	Assessment of Irrigation Efficiencies in Benton County	\$431,000	\$431,000	\$0	Benton Soil and Water Conservation District
04i	12.24	060-B	Shoreview Water Consumption and Groundwater Awareness Project	\$54,000	\$54,000	\$0	City of Shoreview
Water Resources Subtotal =				\$3,065,000	\$3,065,000	\$0	
Subd. 05 Environmental Education (5 Appropriations - Subtotal = \$1,004,000)							
05a	13.4	n/a	Trap Shooting Sports Facility Grants	\$132,000	\$132,000	\$0	MN DNR

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Subd.	HF 390 as amended Line #	ENRTF ID	Title	Total LCCMR \$	ENRTF FY 2016	GLPA FY 2016	Affiliation
05b	13.9	066-C	Connecting Students with Watersheds through Hands-On Learning	\$400,000	\$400,000	\$0	Minnesota Trout Unlimited
05c	13.20	067-C	Zumbro River Watershed Recreational Learning Stewardship Sites	\$300,000	\$300,000	\$0	Zumbro Watershed Partnership
05d	14.7	073-C	Students Engaging Local Watersheds Using Mobile Technologies	\$147,000	\$147,000	\$0	Twin Cities Public Television
05e	14.18	074-C	Mississippi River Water Journey Camps	\$25,000	\$25,000	\$0	U of MN
Environmental Education Subtotal =				\$1,004,000	\$1,004,000	\$0	
Subd. 06 Aquatic and Terrestrial Invasive Species (4 Appropriations - Subtotal = \$6,071,000)							
06a	14.32	081-D	Minnesota Terrestrial Invasive Plants and Pests Center	\$5,000,000	\$5,000,000	\$0	U of MN
06b	15.12	082-D	Emerald Ash Borer Ecological and Hydrological Impacts – Phase II	\$400,000	\$400,000	\$0	U of MN
06c	15.24	083-D	Biological Control of Canada Thistle	\$300,000	\$300,000	\$0	U of MN
06d	15.33	084-D	Preventing a New Disease of Pines in Minnesota	\$371,000	\$371,000	\$0	U of MN
Aquatic and Terrestrial Invasive Species Subtotal =				\$6,071,000	\$6,071,000	\$0	
Subd. 07 Air Quality, Climate Change, and Renewable Energy (3 Recommendations - Subtotal = \$2,268,000)							
07a	16.12	101-E	Renewable and Sustainable Fertilizers Produced Locally	\$1,000,000	\$1,000,000	\$0	U of MN
07b	16.27	110-E	Reducing Emissions from Open Burning through Biomass Gasification	\$268,000	\$268,000	\$0	U of MN
07c	17.4	116-E	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
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 = \$5,646,000)							

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Subd.	HF 390 as amended Line #	ENRTF ID	Title	Total LCCMR \$	ENRTF FY 2016	GLPA FY 2016	Affiliation
08a	17.3	117-F	Prioritizing Future Management of North Shore Trout Streams	\$416,000	\$357,000	\$59,000	U of MN - NRRI
08b	18.11	118-F	Thirteen Counties Propagating Native Plants and Restoring Diverse Habitats	\$495,000	\$495,000	\$0	Martin County Soil and Water Conservation
08c	18.30	119-F	Preserving and Protecting Minnesota Native Orchid Species	\$167,000	\$167,000	\$0	U of MN - Landscape Arboretum
08d	19.7	122-F	Acceleration of Minnesota Conservation Assistance - Final Phase	\$2,000,000	\$2,000,000	\$0	Board of Water and Soil Resources
08e	19.21	126-F	Metro Conservation Corridors Phase VIII - Prairie, Forest, and Savanna Restoration in Greater Metropolitan Area	\$276,000	\$276,000	\$0	Friends of the Mississippi River
08f	20.8	121-F	Metro Conservation Corridors Phase VIII - Enhancing Restoration Techniques for Improved Climate Resilience and Pollinator Conservation	\$400,000	\$400,000	\$0	Great River Greening
08g	20.30	123-F	Minnesota State University Moorhead Science Center Restoration and Monitoring	\$527,000	\$527,000	\$0	Moorhead State University
08h	21.13	127-F	Improving Community Forests Through Citizen Engagement	\$800,000	\$800,000	\$0	MN DNR
08i	22.1	128-F	Flood Recovery on Sargent Creek Duluth Habitat Restoration	\$300,000	\$300,000	\$0	City of Duluth
08j	22.10	129-F	Shoreland Protection for the Lower St. Croix River	\$190,000	\$190,000	\$0	St. Croix River Association
08k	22.22	135-F	Redwood and Renville Counties Outdoor Recreation and Conservation Master Plan	\$75,000	\$75,000	\$0	Redwood County and Renville County
Methods to Protect, Restore, and Enhance Land, Water, and Habitat Subtotal =				\$5,646,000	\$5,587,000	\$59,000	
Subd. 09 Land Acquisition for Habitat and Recreation (11 Appropriations - Subtotal = \$14,190,000)							
09a	23.1	139-G	State Parks and State Trails Land Acquisitions	\$1,500,000	\$1,500,000	\$0	MN DNR
09b	23.17	136-G	Metropolitan Regional Park System Land Acquisition - Phase IV	\$1,000,000	\$1,000,000	\$0	Metropolitan Council

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09c	24.1	137-G	SNA Acquisition, Restoration, Enhancement and Public Engagement	\$4,000,000	\$4,000,000	\$0	MN DNR
09d	24.22	138-G	Native Prairie Stewardship and Prairie Bank Easement Acquisition	\$3,325,000	\$3,325,000	\$0	MN DNR
09e	25.1	145-G 148-G	Metro Conservation Corridors Phase VIII - Coordination and Mapping and Conservation Easements	\$515,000	\$515,000	\$0	Minnesota Land Trust
09f	25.35	144-G	Metro Conservation Corridors Phase VIII - Strategic Lands Protection	\$750,000	\$750,000	\$0	The Trust for Public Land
09g	26.27	141-G	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
09h	27.18	143-G	Metro Conservation Corridors Phase VIII - Wildlife Management Area Acquisition	\$400,000	\$400,000	\$0	MN DNR
09i	28.1	142-G	Mesabi Trail Development Soudan to Ely - Phase II	\$1,000,000	\$1,000,000	\$0	St. Louis & Lake Counties Regional
09j	28.14	147-G	Multi-benefit Watershed Scale Conservation on North Central Lakes	\$950,000	\$950,000	\$0	Leech Lake Area Watershed Foundation
09k	28.33	n/a	Conservation Easement Assessment and Valuation System Development	\$250,000	\$250,000	\$0	U of MN
Land Acquisition for Habitat and Recreation Subtotal =				\$14,190,000	\$14,190,000	\$0	
Subd. 10 Administration and Contract Agreement Reimbursement (2 Appropriations - Subtotal = \$1,207,000)							
10a	29.18	xx	Legislative-Citizen Commission on Minnesota Resources (LCCMR)	\$1,072,000	\$1,072,000	\$0	Legislative-Citizen Commission on
10b	29.26	152-H	Contract Agreement Reimbursement	\$135,000	\$135,000	\$0	MN DNR
Administration and Contract Agreement Reimbursement Subtotal =				\$1,207,000	\$1,207,000	\$0	
Total \$ =				\$46,383,000	\$46,324,000	\$59,000	