ML 2013 Environment and Natural Resources Trust Fund Appropriations - M.L. 2013, Chp. 52, Sec. 2

For the next biennium (July 1, 2013 - June 30, 2014), approximately \$33.8 million is available each fiscal year (Total = \$67,620,000) for funding from the Environment and Natural Resources Trust Fund. In response to the 2013 Request for Proposal, 169 proposals requesting a total of approximately \$155 million were received. Through a competitive, multi-step process 66 of these proposals, requesting a total of \$73 million, were chosen to present to the LCCMR and 46 of those proposals, totaling \$38.2 million (all FY 2014 funds and part of the FY 2015 funds), were chosen to receive a recommendation for funding to the 2013 MN Legislature. The Legislature adopted all 46 of these project recommendations and added one additional project. All 47 appropriations were signed into law by the Governor on 05/09/13. \$29.6 million remains available for LCCMR funding recommendations to the ML 2014 Legislature.

| Subdivision | \$ Appropriated (\$38,360,000) | Percentage of Total Appropriations | |
|---|-----------------------------------|------------------------------------|--|
| Subd. 03 Natural Resource Data and Information 10 Appropriations | \$8,076,000 | 21.05% | |
| Subd. 04 Land, Habitat, Restoration, and Recreation 12 Appropriations [18 Projects] | \$13,722,000 | 35.77% | |
| Subd. 05 Water Resources 8 Appropriations | \$3,819,000 | 9.96% | |
| Subd. 06 Aquatic and Terrestrial Invasive Species 7 Appropriations [8 Projects] | \$10,982,000 | 28.63% | |
| Subd. 07 Environmental Education 2 Appropriations | \$636,000 | 1.66% | |
| Subd. 08 Administration and Contract Agreement Reimbursement 2 Appropriations | \$1,125,000 | 2.93% | |
| TOTAL \$ APPROPRIATION | \$38,360,000 | 100.00% | |
| Fund Source | | | |
| FY 2014 - Environment and Natural Resources Trust Fund Recommended | | \$33,810,000 | |
| FY 2015 - Environment and Natural Resources Trust Fund Recommended | | \$4,350,000 | |
| Transfer from ML 2009, Ch. 143, Sec. 2, Subd. 8(b) to ML 2013, Ch. 52, Sec. 2, Subd. 4(l) | \$200,000 | | |
| TC | \$38,360,000 | | |

| | | | | | FY2014 | FY2015 | |
|----------|--|---------------------------------------|-------------------------------|-------------|----------------|---------------|-------------------------------|
| | | | | Total \$ | Trust Fund \$ | Trust Fund \$ | Region of |
| Subd. | Title | Affiliation | Program Manager | Recommended | (\$33,810,000) | (\$4,350,000) | Impact |
| Subd. 03 | Natural Resource Data and Information (10 Appropriation | ons - Subtotal = \$8,076,000) | | | | | |
| 03a | Minnesota Biological Survey | MN DNR | Carmen Converse | \$2,650,000 | \$2,650,000 | \$0 | Statewide |
| 03b | County Geologic Atlases - Part A | U of MN - MN Geological Survey | Dale Setterholm | \$1,200,000 | \$1,200,000 | \$0 | Statewide |
| 03c | County Geologic Atlas - Part B | MN DNR | Jan Falteisek | \$1,200,000 | \$1,200,000 | \$0 | Central, Metro, NE, SE |
| 03d | Updating the National Wetland Inventory for Minnesota - Phase IV | MN DNR | Steve Kloiber | \$1,000,000 | \$1,000,000 | \$0 | NE, NW |
| 03e | Conservation Easement Stewardship Program - Phase III | MN DNR | Susan Damon | \$200,000 | \$200,000 | \$0 | Statewide |
| 03f | Harnessing Soudan Mine Microbes: Bioremediation, Bioenergy and Biocontrol | U of MN | Christine Salomon | \$838,000 | \$838,000 | \$0 | Statewide |
| 03g | Improved Rapid Forest Ecosystem and Habitat Inventory | U of MN | Alan Ek | \$262,000 | \$262,000 | \$0 | Central, NE, NW |
| 03h | Finding Disease Resistant Elm Trees in Minnesota | U of MN | Robert Blanchette | \$200,000 | \$200,000 | \$0 | Statewide |
| 03i | Enhancing Timber Sale Program Environmental and Economic Sustainability | U of MN | Charles Blinn | \$336,000 | \$336,000 | \$0 | Central, NE, NW |
| 03j | Enhancing Environmental and Economic Benefits of Woodland Grazing | U of MN | Diomy Zamora | \$190,000 | \$190,000 | \$0 | Central, NW |
| | | Subd. 03 Natural Resource Da | ta and Information Subtotal = | \$8,076,000 | \$8,076,000 | \$0 | |
| Subd. 04 | Land, Habitat, Restoration, and Recreation (12 Appropri | ations/18 Projects- Subtotal = \$13,7 | 22,000) | | | | |
| 04a | State Parks and State Trails Land Acquisition | MN DNR | Dana Vanderbosch | \$1,000,000 | \$1,000,000 | \$0 | Statewide |
| 04b | Scientific and Natural Areas Restoration, Enhancement and Citizen Engagement | MN DNR | Peggy Booth | \$1,500,000 | \$1,500,000 | \$0 | Statewide |
| 04c | Native Prairie Stewardship and Prairie Bank Easement Acquisition | MN DNR | Jason Garms | \$750,000 | \$750,000 | \$0 | Central, Metro, NW, SE, SW |
| 04d | Metropolitan Conservation Corridors (MeCC) - Phase VII | 7 partners (8 individual projects) | John Curry | \$2,000,000 | \$2,000,000 | \$0 | Metro |
| 04d-0 | MeCC VII - 1.1/1.2: Coordination and Mapping | Minnesota Land Trust | John Curry | \$20,000 | \$20,000 | \$0 | Metro |

| Subd. | Title | Affiliation | Program Manager | Total \$ Recommended | FY2014 Trust Fund \$ (\$33,810,000) | FY2015 Trust Fund \$ (\$4,350,000) | Region of Impact |
|----------|---|--|-----------------------------|----------------------|---|--|-----------------------|
| | MeCC VII - 2.1 & 3.4: Protect, Restore and Enhance Significant Watershed Habitat | Friends of the Mississippi River | Tom Lewanski | \$304,000 | \$304,000 | \$0 | Metro |
| 04d-D2 | MeCC VII - 2.3: Restoring Our Lands and Waters | Great River Greening | Wiley Buck | \$208,000 | \$208,000 | \$0 | Metro, SE |
| | MeCC VII - 2.6 & 3.7: Dakota County Lakeshore and Riparian Protection | Dakota County | Al Singer | \$368,000 | \$368,000 | \$0 | Metro |
| 04d-D4 | MeCC VII - 3.1: 2013 TPLs Critical Land Protection Program | The Trust for Public Land | Robert McGillivray | \$400,000 | \$400,000 | \$0 | Metro |
| | MeCC VII - 3.2: Protect Signifcant Habitat by Acquiring Conservation Easements | Minnesota Land Trust | John Curry | \$300,000 | \$300,000 | \$0 | Metro |
| | MeCC VII - 3.3: Priority Expansion of Minnesota Valley National Wildlife Refuge | Minnesota Valley National Wildlife Refuge Trust Inc | Deborah Loon | \$400,000 | \$400,000 | \$0 | Central, Metro, SE |
| 04e | Landscape Arboretum Acquisition Lake Tamarack | U of MN - MN Landscape Arboretum | Peter Moe | \$2,000,000 | \$2,000,000 | \$0 | Metro |
| 04f | Conservation Program Technical Assistance | Board of Water and Soil Resources | Tim Koehler | \$3,000,000 | \$3,000,000 | \$0 | Statewide |
| 04g | Moose Habitat Restoration in Northeastern Minnesota | U of MN - NRRI | Ron Moen | \$200,000 | \$200,000 | \$0 | NE |
| 04h | Bee Pollinator Habitat Enhancement | U of MN | Marla Spivak | \$200,000 | \$200,000 | \$0 | Statewide |
| 04i | Conservation Grazing to Improve Wildlife Habitat on Wildlife Management Areas | MN DNR | Michael Tenney | \$600,000 | \$600,000 | \$0 | Central, NW, SE SW |
| 04j | Preserving the Avon Hills Landscape - Phase II | Saint Johns Arboretum and University | Thomas Kroll | \$772,000 | \$772,000 | \$0 | Central |
| 04k | Frogtown Farm and Park Acquisition | The Trust for Public Land | Robert McGillivray | \$1,500,000 | \$1,500,000 | \$0 | Metro |
| 041 | Restoration Evaluation | U of MN | Susan Galatowitsch | \$200,000 | \$200,000 | \$0 | Statewide |
| | | Subd. 04 Land, Habitat, Restoration | on, and Recreation Subtotal | = \$13,722,000 | \$13,722,000 | \$0 | |
| Subd. 05 | Water Resources (8 Appropriations - Subtotal = \$3,819, | 000) | | | | | |
| 05a | Sustaining Lakes in a Changing Environment - Phase II | MN DNR | Donald Pereira | \$1,200,000 | \$1,200,000 | \$0 | Statewide |
| | Assessment of Natural Copper-Nickel Bedrocks on Water Quality? | U of MN - NRRI | Steve Hauck | \$585,000 | \$585,000 | \$0 | NE |

| | | 14112. 2013, | • | | FY2014 | FY2015 | |
|----------|---|---|-------------------------------------|--------------|----------------|---------------|-------------------------|
| | | | | Total \$ | Trust Fund \$ | Trust Fund \$ | Region of |
| Subd. | Title | Affiliation | Program Manager | Recommended | (\$33,810,000) | (\$4,350,000) | Impact |
| 05c | Heron Lake Sediment and Phosphorus Reduction Implementation Projects | Heron Lake Watershed District | Jan Voit | \$122,000 | \$122,000 | \$0 | SW |
| 05d | Southern Minnesota Lakes Restoration | Le Sueur County | Lauren Klement (Michael Schultz) | \$463,000 | \$463,000 | \$0 | SE |
| 05e | Measuring Hydrologic Benefits from Glacial Ridge Habitat Restoration | USGS Red Lake Watershed District | Tim Cowdery Myron Jesme | \$400,000 | \$400,000 | \$0 | Statewide |
| 05f | Evaluation of Lake Superior Water Quality Health | U of MN - Duluth | Erik Brown | \$600,000 | \$600,000 | \$0 | NE |
| 05g | Membranes for Wastewater-Generated Hydrogen and Clean Water | U of MN | Paige Novak | \$246,000 | \$246,000 | \$0 | Statewide |
| 05h | Antibiotics in Minnesota Waters - Phase II - Mississippi River | University of St Thomas | Kristine Wammer | \$203,000 | \$203,000 | \$0 | Central, Metro, SE |
| | | Subd. 0 | 5 Water Resources Subtotal = | \$3,819,000 | \$3,819,000 | \$0 | |
| Subd. 06 | Aquatic and Terrestrial Invasive Species (7 Appropriation | ons/8 Projects - Subtotal = \$10,982,00 | 00) | | | | |
| 06a | An Aquatic Invasive Species Research Center | U of MN | Peter Sorensen | \$8,700,000 | \$4,350,000 | \$4,350,000 | Statewide |
| 06b | Detection and Monitoring of Asian Carp Populations | MN DNR | Bradford Parsons | \$540,000 | \$540,000 | \$0 | Statewide |
| 06cA | Improving Emerald Ash Borer Detection Efficacy for Control | Minnesota Department of Agriculture | Mark Abrahamson | \$240,000 | \$240,000 | \$0 | Metro, SE, Statewide |
| 06cB | Improving Emerald Ash Borer Detection Efficacy for Control | U of MN | Brian Aukema | \$360,000 | \$360,000 | \$0 | Metro, SE, Statewide |
| 06d | Elimination of Target Invasive Plant Species | Minnesota Department of Agriculture | Monika Chandler | \$350,000 | \$350,000 | \$0 | Statewide |
| 06e | Biological Control of Garlic Mustard | MN DNR | Laura Van Riper | \$140,000 | \$140,000 | \$0 | Statewide |
| 06f | Zebra Mussel Control Research and Evaluation in Minnesota Waters | US Geological Survey, Upper Midwest Environmental Sciences Center | Mark Gaikowski | \$600,000 | \$600,000 | \$0 | Statewide |
| 06g | Controlling Terrestrial Invasive Plants with Grazing Animals | Hiawatha Valley Resource Conservation & Development, Inc. | Suzy Meneguzzo | \$52,000 | \$52,000 | \$0 | SE |
| | | Subd. 06 Aquatic and Terrestri | al Invasive Species Subtotal = | \$10,982,000 | \$6,632,000 | \$4,350,000 | |
| Subd 07 | Environmental Education (2 Appropriations - Subtotal = | | | | | • | |
| ,, | | 1// | | | | | |

| Subd. | Title | Affiliation | Program Manager | Total \$ Recommended | FY2014 Trust Fund \$ (\$33,810,000) | FY2015 Trust Fund \$ (\$4,350,000) | Region of Impact |
|---|---|---|-----------------|----------------------|---|--|---------------------|
| 07a | Minnesota Conservation Apprentice Academy | Board of Water and Soil Resources | Jenny Gieseke | \$186,000 | \$186,000 | \$0 | Statewide |
| 07b | Youth Outdoors: Mississippi River Education and Employment Opportunities | Wilderness Inquiry | Dave Haugen | \$450,000 | \$450,000 | \$0 | Statewide |
| Subd. 07 Environmental Education Subtotal | | | | | \$636,000 | \$0 | |
| Subd. 08 Administration and Contract Management (2 Appropriations - Subtotal = \$1,125,000) | | | | | | | |
| 08a | Legislative-Citizen Commission on Minnesota Resources | Legislative-Citizen Commission on Minnesota Resources | Susan Thornton | \$990,000 | \$990,000 | \$0 | Statewide |
| 08b | Contract Management | MN DNR | Amanda Graeber | \$135,000 | \$135,000 | \$0 | Statewide |
| | Subd. 08 Administration and Contract Management Subtotal = | | | | \$1,125,000 | \$0 | |