

**M.L. 2019 Environment and Natural Resources Trust Fund (ENRTF)
LCCMR Appropriations for FY 2020**

On May 24, 2019, the legislature adopted 65 LCCMR recommendations as recommended, provided additional funds to two recommendations and modified one other. They also added 14 additional appropriations, primarily using funds freed up (\$2.94 million FY19; \$7.84 million FY20) following the repeal of M.L. 2018, Chapter 214, Article 6, Section 4 appropriation bonds. On May 31, 2019, 82 appropriations were signed into law by the Governor as M.L. 2019, First Special Session, Chapter 4, Article 2, for \$64,476,000 total appropriations (\$149,000 FY16, \$2,940,000 FY19, and \$61,387,000 FY20).

Topic Area	Total LCCMR \$ Appropriated	FY2016 Reallocated \$	FY2019 Trust Fund \$	FY2020 Trust Fund \$	Percentage of Total Appropriations
Subd. 03 Foundational Natural Resource Data and Information 20 Appropriations	\$15,405,000	\$0	\$1,804,000	\$13,601,000	23.89%
Subd. 04 Water Resources 20 Appropriations	\$5,565,000	\$149,000	\$0	\$5,416,000	8.63%
Subd. 05 Technical Assistance, Outreach, and Environmental Education 4 Appropriations	\$1,136,000	\$0	\$0	\$1,136,000	1.76%
Subd. 06 Aquatic and Terrestrial Invasive Species 4 Appropriations	\$5,400,000	\$0	\$0	\$5,400,000	8.38%
Subd. 07 Air Quality and Renewable Energy 4 Appropriations	\$1,485,000	\$0	\$0	\$1,485,000	2.30%
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat 7 Appropriations	\$6,766,000	\$0	\$806,000	\$5,960,000	10.49%
Subd. 09 Land Acquisition, Habitat, and Recreation 17 Appropriations	\$26,351,000	\$0	\$0	\$26,351,000	40.87%
Subd. 10 Administration and Contract Agreement Reimbursement 4 Appropriations	\$1,868,000	\$0	\$330,000	\$1,538,000	2.90%
Subd. 11 Wastewater Treatment Recommendations 2 Appropriations	\$500,000	\$0	\$0	\$500,000	0.78%
Total Appropriations	\$64,476,000	\$149,000	\$2,940,000	\$61,387,000	100.00%

Fund Source	\$ Amount
FY 2020 - Environment and Natural Resources Trust Fund (ENRTF)	\$61,387,000
FY 2019 - Environment and Natural Resources Trust Fund (ENRTF)	\$2,940,000
ENRTF Dollars Reallocated from 2016 Appropriations	\$149,000
Total \$	\$64,476,000

**2019 Environment and Natural Resources Trust Fund (ENRTF) Appropriations
M.L. 2019, First Special Session, Chp. 4, Art. 2, Sec. 2**

Subd.	Title	Summary	Total LCCMR \$ Appropriated	FY2016 Reallocated \$	FY2019 Trust Fund \$	FY2020 Trust Fund \$	Project Manager	Organization	Region of Impact*
Subd. 03 Foundational Natural Resource Data and Information (20 Appropriations - Subtotal = \$15,405,000)									
03a	Minnesota Biological Survey	MBS proposes baseline biological field surveys in three northern counties; targeted field surveys of sensitive plant species, pollinators, and plant communities; digital maps; book drafts; technical guidance; and data management.	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000	Bruce Carlson	MN DNR	Statewide
03b	Restoring Native Mussels in Streams and Lakes	Restore native freshwater mussel assemblages in the Mississippi, Cedar, and Canon rivers to provide necessary ecosystem services, expand imperiled species populations, and inform the public on mussels and their conservation.	\$ 500,000	\$ -	\$ -	\$ 500,000	Mike Davis	MN DNR	Statewide
03c	Quantifying Exposure of Minnesota's Raptors to Mercury and PFAS	We will quantify exposure to two contaminants for 12 Minnesota raptors. Polyfluoralkyl substances (PFAS) and methylmercury (Hg) are bioaccumulative toxicants that cause reproductive failure in birds.	\$ 250,000	\$ -	\$ -	\$ 250,000	Matthew Etterson	Hawk Ridge Bird Observatory	NE
03d	Minnesota Trumpeter Swan Migration Ecology and Conservation	We propose to radio-mark and monitor movements of Minnesota trumpeter swans to provide foundational information necessary for management and conservation.	\$ 300,000	\$ -	\$ -	\$ 300,000	David Andersen	U of MN	Statewide
03e	Spruce Grouse as Indicators for Boreal Forest Connectivity	Our primary objective is to understand how to harvest timber in the boreal forest in a way that enables species with limited movements to thrive in a changing landscape.	\$ 350,000	\$ -	\$ -	\$ 350,000	Julia Ponder	U of MN - Raptor Center	NE, NW
03f	Understanding Brainworm Transmission to Find Solutions for Minnesota Moose Decline	A 2017 workshop determined we don't know enough about brainworm transmission to moose and what mitigation strategies are optimal. We've assembled a multidisciplinary team to tackle the highest research priorities.	\$ 400,000	\$ -	\$ -	\$ 400,000	Tiffany Wolf	U of MN	NE
03g	Mapping Habitat Use and Disease of Urban Carnivores	We will map habitat and diseases of urban foxes and coyotes to understand what they need to live and risks posed to people and pets, thereby demystifying them for residents.	\$ 500,000	\$ -	\$ -	\$ 500,000	Nicholas McCann	U of MN	Metro
03h	Accelerated Aggregate Resource Mapping	To map the aggregate resource potential of 6 counties. Each county has passed a county board resolution requesting this work to be completed.	\$ 700,000	\$ -	\$ -	\$ 700,000	Heather Arends	MN DNR	SW
03i	Den Boxes for Fishers and other Nesting Wildlife	DNR data show that fisher in Minnesota have declined 50% since 2000. Den sites may be limiting reproduction. We will test if den boxes can help the fisher population increase.	\$ 190,000	\$ -	\$ -	\$ 190,000	Michael Joyce	U of MN - Duluth NRRI	Central, Metro, NE, NW

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03j	Red-headed Woodpeckers as Indicators of Oak Savanna Health	Red-headed woodpeckers are a flagship species of threatened oak savannas in Minnesota. We aim to better understand red-headed woodpecker population ecology and develop a unified management plan for restoration.	\$ 171,000	\$ -	\$ -	\$ 171,000	David Andersen	U of MN	Central
03k	Implementing Conservation Plans for Avian Species of Concern	Establishing monitoring sites to implement Conservation Plans for selected focal species using information from the statewide marshbird survey and the Breeding Bird Atlas focused within existing Important Bird Areas	\$ 124,000	\$ -	\$ -	\$ 124,000	Nathaniel Miller	Audubon Minnesota	Statewide
03l	Mapping Aquatic Habitats for Moose	Data is needed about which aquatic habitats moose prefer and how moose can potentially enhance nearshore lake foodwebs. This project will map critical aquatic habitats and measure lake foodweb effects.	\$ 199,000	\$ -	\$ -	\$ 199,000	Joseph Bump	U of MN	NE
03m	Improving Statewide GIS Data by Restoring the Public Land Survey	Restoring the Public Land Survey (PLS) will improve foundational GIS data that resource managers and citizens utilize on ENRTF projects and conservation easements.	\$ 135,000	\$ -	\$ -	\$ 135,000	Patrick Veraguth	Minnesota Association of County Surveyors	Central
03n	County Geologic Atlases - Part A, Mapping Geology	Geologic atlases provide maps/databases essential for improved management of ground and surface water. This proposal will complete current projects and start new projects to equal about 10 complete atlases.	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	Barbara Lusardi	U of MN - MN Geological Survey	Statewide
03o	County Geologic Atlases - Part B, Mapping Aquifer Hydrology	County geologic atlases provide information that is essential to sustainable management of Minnesotas groundwater resources by identifying key areas to protect our drinking water and ensure future availability for all.	\$ 2,400,000	\$ -	\$ -	\$ 2,400,000	Paul Putzier	MN DNR	Statewide
03p	Unlocking the Science of Minnesota's Moose Decline	The Minnesota Zoo will develop educational displays and engaging, hands-on interactives to summarize scientific findings about moose decline in Minnesota. Information will be integrated online to increase accessibility for all.	\$ 199,000	\$ -	\$ -	\$ 199,000	Nicole Mattson	Minnesota Zoological Garden	Statewide
03q	Forest and Bioeconomy Research	n/a	\$ 2,200,000	\$ -	\$ -	\$ 2,200,000	Rolf Weberg	U of MN - Duluth NRRI	Statewide
03r	Minerals and Water Research	n/a	\$ 883,000	\$ -	\$ -	\$ 883,000	Rolf Weberg	U of MN - Duluth NRRI	Statewide
03s	Native Bee Survey	n/a	\$ 600,000	\$ -	\$ -	\$ 600,000	Jessica Peterson	MN DNR	Central, NE, NW
03t	Diagnostic Test for Chronic Wasting Disease	n/a	\$ 1,804,000	\$ -	\$ 1,804,000	\$ -	Peter Larsen	U of MN	Statewide
Foundational Natural Resource Data and Information Subtotal =			\$ 15,405,000	\$ -	\$ 1,804,000	\$ 13,601,000			
Subd. 04 Water Resources (20 Appropriations - Subtotal = \$5,565,000)									

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Subd.	Title	Summary	Total LCCMR \$ Appropriated	FY2016 Reallocated \$	FY2019 Trust Fund \$	FY2020 Trust Fund \$	Project Manager	Organization	Region of Impact*
04a	Determining Influence of Insecticides on Algal Blooms	The potential of neonicotinoid insecticides to initiate algal blooms will be tested by measuring the occurrence of neonicotinoids and their breakdown products in Minnesota's surface and ground waters.	\$ 350,000	\$ -	\$ -	\$ 350,000	William Arnold	U of MN	Statewide
04b	Benign Design: Environmental Studies Leading to Sustainable Pharmaceuticals	We will identify wastewater treatment and natural processes that prevent the formation of highly toxic byproducts from fluoro-pharmaceuticals. This will lead to improved treatment and rules for better pharmaceutical design.	\$ 415,000	\$ -	\$ -	\$ 415,000	William Arnold	U of MN	Statewide
04c	Wastewater Nutrient Reduction through Industrial Source Reduction Assistance	Provide industrial, source reduction technical assistance to reduce nutrient discharge to wastewater treatment facilities through industrial process optimization. Document impact of nutrient reduction on wastewater operations and discharge quality.	\$ 200,000	\$ -	\$ -	\$ 200,000	Laura Babcock	U of MN	Statewide
04d	Quantifying Microplastics in Minnesota's Inland Lakes	We propose to quantify the amount, type, and source of microplastics in the water, sediment, and fishes of a range of Minnesota lakes in collaboration with MN DNR.	\$ 200,000	\$ -	\$ -	\$ 200,000	Kathryn Schreiner	U of MN - Duluth	Statewide
04e	Improving Nitrogen Removal in Greater Minnesota Wastewater Treatment Ponds	This research will help the State of Minnesota understand how to improve the nitrogen removal of wastewater treatment ponds when needed, protecting outstate surface water quality and groundwater safety.	\$ 325,000	\$ -	\$ -	\$ 325,000	Paige Novak	U of MN	Statewide
04f	Improving Drinking Water for Minnesotans through Pollution Prevention	This research will reduce exposure of Minnesotans to toxic, cancer-causing chemicals by identifying and curbing key pollutant sources in the Upper Mississippi River watershed and improving drinking water treatment.	\$ 345,000	\$ -	\$ -	\$ 345,000	Raymond Hozalski	U of MN	Metro
04g	Protecting Minnesota Waters by Removing Contaminants from Wastewater	Wastewater contains many environmental contaminants including pharmaceuticals, personal-care products, PFAS and micro-plastics. They are not removed by treatment plants. We propose to remove them using commercially available drinking water coagulants.	\$ 250,000	\$ -	\$ -	\$ 250,000	Matt Simcik	U of MN	Statewide
04h	Reducing Municipal Wastewater Mercury Pollution to Lake Superior	This technology transfer project helps the municipal wastewater plants in the Lake Superior basin reduce mercury pollution and save money.	\$ 250,000	\$ -	\$ -	\$ 250,000	Scott Kyser	Minnesota Pollution Control Agency	NE

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04i	Extracting Deicing Salt from Roadside Soils with Plants	We propose to study native plants that can adsorb salts to be planted on the roadside to address the environmental concerns over deicing road salts.	\$ 360,000	\$ -	\$ -	\$ 360,000	Bo Hu	U of MN	Statewide
04j	Transformation of Plastic Waste into Valued Resource	We will develop technologies that utilize indigenous microbes to convert waste plastics into useful chemical compounds and fuels, lowering the likelihood that these materials end up in our environment.	\$ 225,000	\$ -	\$ -	\$ 225,000	Brett Barney	U of MN	Statewide
04k	Accelerating Perennial Crop Production to Prevent Nitrate Leaching	Reducing nitrate leaching on sandy soils of central Minnesota by developing water-efficient production methods, supply chains, and end-use markets for three profitable perennial crops: Kernza, prairie, and alfalfa.	\$ 440,000	\$ -	\$ -	\$ 440,000	Dennis Fuchs	Stearns County Soil and Water Conservation District	Central
04l	Farm-Ready Cover Crops for Protecting Water Quality	We will implement an economically-viable, farm-based strategy to protect water quality across more than 100,000 acres of vulnerable wellhead protection regions using cover crops in corn-soybean rotation.	\$ 741,000	\$ -	\$ -	\$ 741,000	Keith Olander	Central Lakes College - Ag and Energy Ctr	Central, Metro, NW, SE, SW
04m	Setting Realistic Nitrate Reduction Goals in Southeast Minnesota	Advanced tools are needed which provide critical timelag and feedback information for making environmental policy decisions, as Minnesota prepares to launch the Groundwater Protection Rule and nutrient reduction strategies.	\$ 350,000	\$ -	\$ -	\$ 350,000	John Nieber	U of MN	SE
04n	Mapping Unprofitable Cropland for Water and Wildlife	We propose conducting the first statewide analysis mapping the extent of Minnesota's unprofitable cropland and estimating both the water-quality and habitat benefits of converting these lands to perennial crops/vegetation.	\$ 100,000	\$ -	\$ -	\$ 100,000	Jason Ulrich	Science Museum of Minnesota - St. Croix Research Station	Statewide
04o	Evaluating Locally Sourced Materials for Road Salt Reduction	The project will evaluate the effectiveness and benefits/impacts of locally sourced woodchip, corncob, and iron-bearing minerals as alternative effective abrasive materials to lower salt use for protecting Minnesotas water resources.	\$ 162,000	\$ -	\$ -	\$ 162,000	Chanlan Chun	U of MN - Duluth NRRI	Statewide
04p	Minnesota Spring Inventory Final Phase	The project will complete the Minnesota Spring Inventory, identifying, cataloging and assisting in the protection of important water springs threatened by overuse of groundwater, development, land-use changes, and changing climate.	\$ 71,000	\$ -	\$ -	\$ 71,000	Paul Putzier	MN DNR	Statewide

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04q	Restoring Impaired Lakes through Citizen-Aided Carp Management	Citizens will be enlisted to field-test a new method of managing carp to restore an impaired lake. Water quality & cost-effectiveness will be quantified to inform statewide implementation.	\$ 106,000	\$ -	\$ -	\$ 106,000	Andrew Dickhart	Carver County Water Management Organization	Metro
04r	Spring Biological Nitrate Removal to Protect Drinking Water	Fairmont's drinking water safety is threatened by high springtime nitrate levels. Fairmont intends to build an experimental passive biological treatment system to reduce nitrates that enter its source water supply.	\$ 175,000	\$ -	\$ -	\$ 175,000	Troy Nemmers	City of Fairmont	SW
04s	Degrading Chlorinated Industrial Contaminants with Bacteria	Sites contaminated with chlorinated industrial pollutants are a significant problem in Minnesota. We will determine the best way to stimulate bacteria for faster and more complete pollutant dechlorination.	\$ 150,000	\$ 149,000	\$ -	\$ 1,000	Paige Novak	U of MN	Statewide
04t	Managed Aquifer Recharge	n/a	\$ 350,000	\$ -	\$ -	\$ 350,000	John Bilotta	U of MN - Water Resources Center	Statewide
Water Resources Subtotal =			\$ 5,565,000	\$ 149,000	\$ -	\$ 5,416,000			
Subd. 05 Technical Assistance, Outreach, and Environmental Education (4 Appropriations - Subtotal = \$1,136,000)									
05a	Expanding Camp Sunrise Environmental Program	Camp Sunrise is an integrated environmental education program for economically disadvantaged youth. This innovative camp experience allows children a hands-on program to understand their impact on the environment and nature.	\$ 237,000	\$ -	\$ -	\$ 237,000	Lori Arnold	YouthCARE MN	Metro
05b	Connecting Students to the Boundary Waters	This project will connect over 11,000 students to the Boundary Waters through classroom education and wilderness canoe experiences, targeting diverse and underserved populations across Minnesota.	\$ 450,000	\$ -	\$ -	\$ 450,000	Chris Knopf	Friends of the Boundary Waters Wilderness	Statewide
05c	Mississippi National River and Recreation Area Forest Restoration	This is a forest restoration project within the Mississippi National River and Recreation Area to address the loss of ash trees to EAB and plant 15,000 native trees and plants.	\$ 199,000	\$ -	\$ -	\$ 199,000	Mary Hammes	Mississippi Park Connection	Metro
05d	Increasing Diversity in Environmental Careers	n/a	\$ 250,000	\$ -	\$ -	\$ 250,000	Mimi Daniel	MN DNR	Statewide
Technical Assistance, Outreach, and Environmental Education Subtotal =			\$ 1,136,000	\$ -	\$ -	\$ 1,136,000			
Subd. 06 Aquatic and Terrestrial Invasive Species (4 Appropriations - Subtotal = \$5,400,000)									
06a	Building Knowledge and Capacity to Solve AIS Problems	MAISRC will launch 12-16 new or continuation projects aimed at solving Minnesota's AIS problems using a competitive RFP process, informed by an annual research needs assessment and stakeholder consultation.	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000	Nicholas Phelps	U of MN - MAISRC	Statewide

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Subd.	Title	Summary	Total LCCMR \$ Appropriated	FY2016 Reallocated \$	FY2019 Trust Fund \$	FY2020 Trust Fund \$	Project Manager	Organization	Region of Impact*
06b	Oak Wilt Suppression at its Northern Edge	Eradicate identified oak wilt at these northern most locations on nine private properties by mechanical means to stop the invasiveness before it spreads to healthy state forests affecting habitat.	\$ 100,000	\$ -	\$ -	\$ 100,000	Shannon Wettstein	Morrison Soil and Water Conservation District	Central
06c	Noxious Weed Detection and Eradication	n/a	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	Mark Abrahamson	Minnesota Department of Agriculture	Statewide
06d	Emerald Ash Borer Response Grants	n/a	\$ 300,000	\$ -	\$ -	\$ 300,000	Valerie McClannahan	MN DNR	Statewide
Aquatic and Terrestrial Invasive Species Subtotal =			\$ 5,400,000	\$ -	\$ -	\$ 5,400,000			
Subd. 07 Air Quality and Renewable Energy (4 Appropriations - Subtotal = \$1,485,000)									
07a	Development of Clean Energy Storage Systems for Farms	Energy storage systems for farms will be developed using wind-generated ammonia. Novel ammonia fuel systems will be tested in a farm grain dryer and engine generator displacing fossil fuels.	\$ 650,000	\$ -	\$ -	\$ 650,000	William Northrop	U of MN - WCROC	Statewide
07b	White Earth Nation Community Solar for Economic Resilience	Project goals include installation of a 200-kW White Earth community-owned solar garden reducing GHG emissions, increasing economic development through environmental education and solar workforce training, and improving energy resilience.	\$ 500,000	\$ -	\$ -	\$ 500,000	Vicki O'Day	Rural Renewable Energy Alliance	NE, NW
07c	Sustainable Solar Energy from Agricultural Plant By-Products	Producing new materials from regional plant byproducts for renewable solar energy. This project engages many students in environmental research; this homegrown technology will ultimately provide affordable energy to Minnesota families.	\$ 185,000	\$ -	\$ -	\$ 185,000	Ted Pappenfus	U of MN - Morris	Statewide
07d	Morris Energy and Environment Community Resilience Plan	The City of Morris and several partners will develop a model community for energy and environmental stewardship which will serve as a roadmap for other small communities across the state.	\$ 150,000	\$ -	\$ -	\$ 150,000	Blaine Hill	City of Morris	Statewide
Air Quality and Renewable Energy Subtotal =			\$ 1,485,000	\$ -	\$ -	\$ 1,485,000			
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat (7 Appropriations - Subtotal = \$6,766,000)									
08a	Saving Endangered Pollinators through Data-Driven Prairie Restoration	Minnesota Zoo, Parks, and TNC will use prairie restorations and Endangered Dakota skipper reintroductions to study factors supporting butterflies and develop foundational habitat management recommendations for Minnesotas imperiled prairie butterflies.	\$ 800,000	\$ -	\$ -	\$ 800,000	Erik Runquist	Minnesota Zoological Garden	Central, Metro, NW, SW
08b	Promoting and Restoring Oak Savanna Using Silvopasture	Oak savanna is imperiled and threatened ecosystem with only 0.2% remaining of historically 5.5 million acres in Minnesota. This project will demonstrate the use of silvopasture to restore this ecosystem.	\$ 750,000	\$ -	\$ -	\$ 750,000	Diomy Zamora	U of MN	Statewide

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Subd.	Title	Summary	Total LCCMR \$ Appropriated	FY2016 Reallocated \$	FY2019 Trust Fund \$	FY2020 Trust Fund \$	Project Manager	Organization	Region of Impact*
08c	Sauk River Dam Removal and Rock Rapids Replacement	This project consists of habitat restoration, water quality and fish passage improvements through the removal of the existing fixed elevation dam, construction of rock arch rapids and in-stream habitat restoration.	\$ 2,768,000	\$ -	\$ -	\$ 2,768,000	Tessa Beuning	City of Melrose	Central
08d	Conserving and Monitoring of Minnesota's Rare Arctic Plants	The North Shore houses completely unique plant communities that are in danger of decline. This project will provide critical monitoring and invasive removal to conserve these rare and endangered plants.	\$ 135,000	\$ -	\$ -	\$ 135,000	Briana Gross	U of MN - Duluth	NE
08e	Nongame Wildlife Program Acceleration	n/a	\$ 513,000	\$ -	\$ -	\$ 513,000	Cynthia Osmundson	MN DNR	Statewide
08f	Lawns to Legumes	n/a	\$ 900,000	\$ -	\$ 806,000	\$ 94,000	Angie Becker-Kudelka	BWSR	Statewide
08g	Agricultural Weed Control Using Autonomous Mowers	n/a	\$ 900,000	\$ -	\$ -	\$ 900,000	Eric Buchanan	U of MN - Morris	Central
Methods to Protect or Restore Land, Water, and Habitat Subtotal =			\$ 6,766,000	\$ -	\$ 806,000	\$ 5,960,000			
Subd. 09 Land Acquisition, Habitat, and Recreation (17 Appropriations - Subtotal = \$26,351,000)									
09a	Minnesota Scientific and Natural Areas	Scientific and Natural Area (SNA) habitat restoration and improvements (1100+ acres), increased public involvement and strategic acquisition (500+ acres) will conserve Minnesota's most unique and rare resources for everyone's benefit.	\$ 3,500,000	\$ -	\$ -	\$ 3,500,000	Judy Schulte	MN DNR	Statewide
09b	Grants for Local Parks, Trails and Natural Areas	Provide approximately 25 matching grants for local parks, acquisition of locally significant natural areas and trails to connect people safely to desirable community locations and regional or state facilities.	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000	Audrey Mularie	MN DNR	Statewide
09c	Minnesota State Parks and State Trails In-Holdings	Acquire high priority State Park, Recreation Area and Trail in-holding parcels from willing sellers to protect Minnesotas natural and cultural heritage, enhance outdoor recreation and promote tourism.	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	Jennifer Christie	MN DNR	Statewide
09d	Minnesota State Trails Development	This project fulfills legislative direction to expand recreational opportunities on Minnesota State Trails through the development of new trail segments; and the rehabilitation and enhancement of existing State Trails.	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000	Kent Skaar	MN DNR	Statewide
09e	National Loon Center	National Loon Center dedicated to survival of loon, habitat protection, recreation, and environmental research establishing Minnesota as the premiere destination to experience the freshwater ecosystem we share with native wildlife.	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000	Leah Heggerston	National Loon Center Foundation	Central

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09f	Accessible Fishing Piers	Provide 7-8 accessible fishing piers in locations that have a high potential to serve new angling communities, undeserved populations and anglers with physical disabilities.	\$ 320,000	\$ -	\$ -	\$ 320,000	Nancy Stewart	MN DNR	Statewide
09g	Mesabi Trail Extensions	Complete the Mesabi Trail by constructing the four remaining trail segments where further described within the Main Proposal.	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000	Bob Manzoline	St. Louis & Lake Counties Regional Railroad Authority	NE
09h	Birch Lake Recreation Area Campground	This project consists of expanding the existing Birch Lake Recreation Area to add a new 22 acre campground that will include 49 campsites for recreational vehicles and tent campers.	\$ 350,000	\$ -	\$ -	\$ 350,000	Cathy Bissonette	City of Babbitt	NE
09i	Britton Peak to Lutsen Mountain Bike Trail	Sustainably built singletrack mountain bike trail connecting trail clusters that draws new visitors and becomes part of the NE Minnesota efforts to become a national destination for mountain biking.	\$ 350,000	\$ -	\$ -	\$ 350,000	Tim Kennedy	Superior Cycling Association	NE
09j	Preserving the Avon Hills with Reverse-Bidding Easements	Utilize proven cost-saving MMAPLE reverse-bid conservation easement ranking system to permanently protect 650 acres and restore/enhance 400 acres of priority private lands already protected in the Avon Hills.	\$ 1,600,000	\$ -	\$ -	\$ 1,600,000	John Geissler	Saint Johns University	Central
09k	Bailey Lake Trail and Fishing Pier	This project consists of the reconstruction of the existing Bailey Lake Trail and construction of a new fishing pier on Bailey Lake.	\$ 550,000	\$ -	\$ -	\$ 550,000	Britt See-Benes	City of Virginia	NE
09l	Vergas Long Lake Trail	Long Lake is a community asset for Vergas, enjoyed by residents and visitors alike. This project will construct a trail bordering Long Lake, maintaining public access and restoring the shoreline.	\$ 290,000	\$ -	\$ -	\$ 290,000	Julie Lammers	City of Vergas	NW
09m	Glacial Edge Trail and Downtown Pedestrian Bridge	The project proposes a .48 mile trail along the Otter Tail River in downtown Fergus Falls as well as a 125 ft. long bicycle and pedestrian bridge crossing the river.	\$ 600,000	\$ -	\$ -	\$ 600,000	Ryan Miller	City of Fergus Falls	NW
09n	Crane Lake to Vermilion Falls Trail	This project consists of designating and improving a 5.6 mile wooded trail from Crane Lake to the Vermilion Falls to accommodate ATV and Snowmobile users.	\$ 400,000	\$ -	\$ -	\$ 400,000	Bruce Beste	Voyageur Country ATV	NE
09o	Restoring Five Sections of the Superior Hiking Trail	To renew the most damaged parts of five sections of the Superior Hiking Trail, and to return the Trail to an abandoned route.	\$ 191,000	\$ -	\$ -	\$ 191,000	Denny Caneff	Superior Hiking Trail Association	NE
09p	Rainy Lake Recreational Access and Boat Wash Station	n/a	\$ 200,000	\$ -	\$ -	\$ 200,000	Sherril Gautreaux	City of Ranier	NE
09q	Historic Bruce Mine Park and Mesabi Trailhead	n/a	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	Bob Manzoline	St. Louis & Lake Counties Regional Railroad Authority	NE
Land Acquisition, Habitat, and Recreation Subtotal =			\$ 26,351,000	\$ -	\$ -	\$ 26,351,000			

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Subd. 10 Administration and Contract Agreement Reimbursement (4 Appropriations - Subtotal = \$1,868,000)									
10a	Contract Agreement Reimbursement	Provide continued contract management and customer service to ENRTF pass-through appropriation recipients. Ensure funds are expended in compliance with appropriation law, state statute, grants policies, and approved work plans.	\$ 135,000	\$ -	\$ -	\$ 135,000	Katherine Sherman-Hoehn	MN DNR	Statewide
10b	LCCMR Administration	n/a	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000	Becca Nash	Legislative-Citizen Commission on Minnesota Resources	Statewide
10c	LCC Administration	n/a	\$ 3,000	\$ -	\$ -	\$ 3,000	Sally Olson	Legislative Coordinating Commission	Statewide
10d	Grants Management System	n/a	\$ 330,000	\$ -	\$ 330,000	\$ -	Becca Nash	Legislative-Citizen Commission on Minnesota Resources	Statewide
Administration and Contract Agreement Reimbursement Subtotal =			\$ 1,868,000	\$ -	\$ 330,000	\$ 1,538,000			
Subd. 11 Wastewater Treatment Recommendations (2 Appropriations - Subtotal = \$500,000)									
11a**	Water Infrastructure Loans	n/a	\$ -	\$ -	\$ -	\$ -	Jeff Freeman	Public Facilities Authority	Statewide
11b	Optimizing Local Mechanical and Pond Wastewater-Treatment Plants	n/a	\$ 500,000	\$ -	\$ -	\$ 500,000	Joel Peck	MPCA	Statewide
Wastewater Treatment Recommendations Subtotal =			\$ 500,000	\$ -	\$ -	\$ 500,000			
Total \$ Appropriated =			\$ 64,476,000	\$ 149,000	\$ 2,940,000	\$ 61,387,000			

* 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.

** Subd. 11a "Water Infrastructure Funding Program" - Up to \$5,000,000 of the money in the trust fund is available to the State Board of Investment to invest in loans through the Public Facilities Authority's clean water revolving fund under Minnesota Statutes, section 446A.07. This project will be reflected in the overall appropriations count, but the loan money will not be included in the total dollars.