

**Environment and Natural Resources Trust Fund (ENRTF)
2023 Final Reports**

End Date	Year	ENRTF ID	Subd.	Title Includes link to Final Report (once available)	Organization	Project Manager	\$ Appropriated
6/30/2023	2015	----	06a	Minnesota Invasive Terrestrial Plants and Pests Center	U of MN - MITPPC	Robert Venette	\$ 5,000,000
6/30/2023	2016	----	06a	Minnesota Invasive Terrestrial Plants and Pests Center - Phase III	U of MN - MITPPC	Robert Venette	\$ 3,750,000
6/30/2023	2017	----	03n	Pollinator Research and Outreach	U of MN	Daniel Cariveau	\$ 500,000
6/30/2023	2017	----	07d	District Heating with Renewable Biomass at Camp Ripley Training Center	Department of Military Affairs	Jay Brezinka	\$ 1,000,000
6/30/2023	2017	----	08k	Conservation Reserve Enhancement Program (CREP) Outreach and Implementation	Board of Water and Soil Resources	Dusty VanThuyne	\$ 6,000,000
6/30/2023	2017	----	08l	Conservation Reserve Enhancement Program (CREP)	Board of Water and Soil Resources	Sharon Doucette	\$ 13,500,000
6/30/2023	2017	----	09h	Tower Trailhead Boat Landing and Habitat Improvement – Phase II	City of Tower	Nancy Larson	\$ 600,000
6/30/2023	2018	----	03i	Improve Trout-Stream Management by Understanding Variable Winter Thermal Conditions	U of MN	Rebecca Swenson	\$ 400,000
6/30/2023	2018	----	05l	Increase Diversity in Environmental Careers to Serve Minnesota’s Changing Demographics	MN DNR	Mimi Daniel	\$ 550,000
6/30/2023	2018	----	09h	Protecting North-Central Minnesota Lakes	Crow Wing Soil and Water Conservation District	Andrew Seagren	\$ 750,000
6/30/2023	2018	----	09i	Easement Program for Native Prairie Bank	MN DNR	Judy Schulte	\$ 2,000,000
6/30/2023	2018	----	09j	Minnesota State Trail Development	MN DNR	Kent Skaar	\$ 2,500,000
06/30/2023	2018	----	09k	Minnesota State Parks and State Trails	MN DNR	Shelby Kok	\$ 2,500,000

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6/30/2023	2018	----	09l	Scientific and Natural Areas Program	MN DNR	Judy Schulte	\$ 3,250,000
6/30/2023	2018	----	10b	Chronic Wasting Disease Targeted Outreach Engaging Culturally-Diverse Hunting Communities	U of MN	Tiffany Wolf	\$ 270,468
6/30/2023	2019	----	03a	Minnesota Biological Survey	MN DNR	Bruce Carlson	\$ 1,500,000
6/30/2023	2019	----	03e	Spruce Grouse as Indicators for Boreal Forest Connectivity	U of MN - Raptor Center	Julia Ponder	\$ 350,000
6/30/2023	2019	----	03f	Understanding Brainworm Transmission to Find Solutions for Minnesota Moose Decline	U of MN	Tiffany Wolf	\$ 400,000
6/30/2023	2019	----	03h	Accelerated Aggregate Resource Mapping	MN DNR	Heather Arends	\$ 700,000
6/30/2023	2019	----	03k	Implementing Conservation Plans for Avian Species of Concern	Audubon Minnesota	Alexandra Wardwell	\$ 124,000
6/30/2023	2019	----	03l	Mapping Aquatic Habitats for Moose	U of MN	Joseph Bump	\$ 199,000
6/30/2023	2019	----	03s	Native Bee Survey	MN DNR	Jessica Petersen	\$ 600,000
6/30/2023	2019	----	03t	Diagnostic Test for Chronic Wasting Disease	U of MN	Peter Larsen	\$ 1,804,000
6/30/2023	2019	----	04a	Determining Influence of Insecticides on Algal Blooms	U of MN	William Arnold	\$ 350,000
6/30/2023	2019	----	04b	Benign Design: Environmental Studies Leading to Sustainable Pharmaceuticals	U of MN	William Arnold	\$ 415,000
6/30/2023	2019	----	04e	Improving Nitrogen Removal in Greater Minnesota Wastewater Treatment Ponds	U of MN	Paige Novak	\$ 325,000
6/30/2023	2019	----	04f	Improving Drinking Water for Minnesotans through Pollution Prevention	U of MN	Raymond Hozalski	\$ 345,000

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6/30/2023	2019	----	04g	Protecting Minnesota Waters by Removing Contaminants from Wastewater	U of MN	Matt Simcik	\$ 250,000
6/30/2023	2019	----	04h	Reducing Municipal Wastewater Mercury Pollution to Lake Superior	Minnesota Pollution Control Agency	Scott Kyser	\$ 250,000
6/30/2023	2019	----	04j	Transformation of Plastic Waste into Valued Resource	U of MN	Brett Barney	\$ 225,000
6/30/2023	2019	----	04l	Farm-Ready Cover Crops for Protecting Water Quality	Central Lakes College - Ag and Energy Ctr	Keith Olander	\$ 741,000
6/30/2023	2019	----	04r	Spring Biological Nitrate Removal to Protect Drinking Water	City of Fairmont	Tyler Cowing	\$ 175,000
6/30/2023	2019	----	04s	Degrading Chlorinated Industrial Contaminants with Bacteria	U of MN	Paige Novak	\$ 150,000
6/30/2023	2019	----	05b	Connecting Students to the Boundary Waters	Friends of the Boundary Waters Wilderness	Chris Knopf	\$ 450,000
6/30/2023	2019	----	06a	Building Knowledge and Capacity to Solve AIS Problems	U of MN - MAISRC	Nicholas Phelps	\$ 4,000,000
6/30/2023	2019	----	06c	Noxious Weed Detection and Eradication	Minnesota Department of Agriculture	Mark Abrahamson	\$ 1,000,000
6/30/2023	2019	----	06d	Emerald Ash Borer Response Grants	MN DNR	Emma Schultz	\$ 300,000
6/30/2023	2019	----	07c	Sustainable Solar Energy from Agricultural Plant By-Products	U of MN - Morris	Ted Pappenfus	\$ 185,000
6/30/2023	2019	----	07d	Morris Energy and Environment Community Resilience Plan	City of Morris	Blaine Hill	\$ 150,000
6/30/2023	2019	----	08b	Promoting and Restoring Oak Savanna Using Silvopasture	U of MN	Rebecca Montgomery	\$ 750,000
6/30/2023	2019	----	08d	Conserving and Monitoring of Minnesota's Rare Arctic Plants	U of MN - Duluth	Briana Gross	\$ 135,000

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6/30/2023	2019	----	08e	Nongame Wildlife Program Acceleration	MN DNR	Kristin Hall	\$ 513,000
6/30/2023	2019	----	08f	Lawns to Legumes	Board of Water and Soil Resources	Dan Shaw	\$ 900,000
6/30/2023	2019	----	09b	Grants for Local Parks, Trails and Natural Areas	MN DNR	Audrey Mularie	\$ 3,000,000
6/30/2023	2019	----	09h	Birch Lake Recreation Area Campground	City of Babbitt	Cathy Bissonette	\$ 350,000
6/30/2023	2019	----	09k	Bailey Lake Trail and Fishing Pier	City of Virginia	Britt See-Benes	\$ 550,000
6/30/2023	2019	----	09p	Rainy Lake Recreational Access and Boat Wash Station	City of Ranier	Sherill Gautreaux	\$ 200,000
6/30/2023	2019	----	09q	Historic Bruce Mine Park and Mesabi Trailhead	St. Louis & Lake Counties Regional Railroad Authority	Bob Manzoline	\$ 1,000,000
7/31/2023	2020	2020-008	11	Contract Agreement Reimbursement	MN DNR, Grants Unit	Katherine Sherman-Hoehn	\$ 135,000
07/31/2023	2020	2020-011	09o	Crow Wing County Community Natural Area Acquisition	Crow Wing County	Jessica Shea	\$ 400,000
07/31/2023	2020	2020-014	07c	Diverting Unsold Food From Landfills, Reducing Greenhouse Gases	Second Harvest Heartland	Lindsey Ochmanek	\$ 130,000
07/31/2023	2020	2020-019	09j	Elm Creek Restoration - Phase IV	City of Champlin	Heather Nelson	\$ 500,000
12/31/2023	2020	2020-034	04f	Innovative Solution for Protecting Minnesota from PFAS Contamination	Dem-Con	Bill Keegan	\$ 250,000
07/31/2023	2020	2020-035	06g	Invasive Didymosphenia Threatens North Shore Streams	Science Museum of Minnesota, St. Croix Watershed Research Station	Mark Edlund	\$ 197,000
6/30/2024	2020	2020-041	05b	Minnesota Freshwater Quest: Environmental Education On State Waterways	Wilderness Inquiry	Julie Edmiston	\$ 500,000

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07/31/2023	2020	2020-049	09n	Perham to Pelican Rapids Regional Trail (West Segment)	Otter Tail County	Kevin Fellbaum	\$ 2,600,000
07/31/2023	2020	2020-058	09u	Sportsmen's Training And Developmental Learning Center	Minnesota Forest Zone Trappers Association	Ray Sogard	\$ 85,000
07/31/2023	2020	2020-059	05a	Statewide Environmental Education Via Public Television Outdoor Series	Pioneer PBS	Cindy Dorn	\$ 300,000
6/30/2023	2020	2020-070	20a1	Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum of Minnesota, St. Croix Watershed Research Station	Mark Edlund	\$ 482,000
7/31/2024	2020	2020-097	09v	Birch Lake Recreation Area Campground	City of Babbitt	Cathy Hoheisel	\$ 350,000
07/31/2023	2021	2021-012	09a	Perham To Pelican Rapids Regional Trail (McDonald Segment)	Otter Tail County	Kevin Fellbaum	\$ 2,245,000
07/31/2023	2021	2021-017	06a	Starch Allocation Patterns Of Starry Stonewort (Nitellopsis Obtusa) Harvested From Lake Koronis, MN	Minnesota State Colleges and Universities, Minnesota State University Mankato	Ryan Wersal	\$ 101,000
6/30/2024	2021	2021-027	10a	Contract Agreement Reimbursement	MN DNR, Grants Unit	Katherine Sherman-Hoehn	\$ 135,000
07/31/2023	2021	2021-029	09c	SW MN Single Track Trail	Jackson County	Jeremy Bartosh	\$ 190,000
10/31/2023	2021	2021-062	08d	Preserving Minnesota's Only Ball Cactus Population	U of MN, Landscape Arboretum	David Remucal	\$ 103,000
6/30/2024	2021	2021-084	08f	Restoring Upland Forests For Birds	American Bird Conservancy / Great Lakes Program	John Haben	\$ 193,000
07/31/2023	2021	2021-109	09i	Moose Lake - Trunk Highway 73 Trail	City of Moose Lake	Ellissa Owens	\$ 330,000
11/30/2023	2021	2021-137	08h	Plumbing The Muddy Depths Of Superior Hiking Trail	Superior Hiking Trail Association	Lisa Luokkala	\$ 187,000

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12/31/2023	2021	2021-217	06f	Evaluating Minnesotas Last Best Chance To Stop Carp	U of MN, College of Food, Agricultural and Natural Resource Sciences	Peter Sorensen	\$ 424,000
07/31/2023	2021	2021-222	09l	Lake Brophy Trail Expansion	Douglas County Parks	Brad Bonk	\$ 100,000
07/31/2023	2021	2021-229	08k	Woodcrest Trail Expansion	Foundation for Healthcare Continuums, Woodcrest of Country Manor	Kevin Harguth	\$ 16,000
07/31/2023	2021	2021-322	08o	Shoreline Stabilization, Fishing, ADA Improvements At Silverwood Park	Three Rivers Park District	Jonathan Vlaming	\$ 200,000
07/31/2023	2021	2021-323	05g	Expanding Access To Environmental Education For Underserved Communities	U of MN, Raptor Center	Victoria Hall	\$ 178,000
07/31/2023	2021	2021-325	09m	Veterans On The Lake	Veterans on the Lake	Eric Mayranen	\$ 553,000
6/30/2024	2021	2021-375	08q	Reintroduction Of Bison To Spring Lake Park Reserve	Dakota County	Tom Lewanski	\$ 560,000
12/31/2023	2021	2021-376	04h	St. James Pit Water Level Control Study	City of Aurora	Lucas Heikkila	\$ 259,000
12/31/2023	2021	2021-380	09v	Accessible Fishing Piers And Shore Fishing Areas	MN DNR, State Parks and Trails Division	Nancy Stewart	\$ 340,000
12/31/2023	2022	2022-041	09b	Environmental Learning Classroom with Trails	Independent School District #712, Mountain Iron Buhl Public Schools	Reggie Engebritson	\$ 82,000