

## LCCMR 2020 Peer Review as of January 10, 2020

LCCMR Peer Review	LCCMR ID	Title	Total ENRTF \$ FY2021	Organization	Project Manager	Review Status	Staff Notes
Y	014-A	Voyageurs Wolf Project – Phase II	\$ 575,000	U of MN	Joseph Bump	Complete	
Y	016-A	Expanding Restoration and Promoting Awareness of Native Mussels	\$ 489,000	Minnesota Zoological Society	Seth Stapleton	Complete	
Y	018-A	Bee Minnesota - Protect our Native Bumblebees	\$ 650,000	U of MN	Declan Schroeder	Complete	
Y	019-A	Bobcat and Fisher Habitat Use and Interactions	\$ 400,000	U of MN	Michael Joyce	Complete	
Y	040-A	Freshwater Sponges and AIS: Engaging Citizen Scientists	\$ 400,000	U of MN	Venugopal Mukku	Complete	
Y	047-AH	Do Beavers Buffer Against Droughts and Floods?	\$ 168,000	Voyageurs National Park	Steve Windels	Complete	
Y	056-AH	Conserving Black Terns and Forsters Terns in Minnesota	\$ 198,000	U of MN - Duluth NRRI	Annie Bracey	Complete	
Y	070-B	Unprecedented Change Threatens Minnesotas Pristine Lakes	\$ 600,000	Science Museum of Minnesota	Mark Edlund	Complete	
Y	080-B	Managing Highly Saline Waste from Municipal Water Treatment	\$ 250,000	U of MN	Natasha Wright	Complete	
Y	087-B	Microplastics: Transporters of Contaminants in Minnesota Waters	\$ 425,000	U of MN	Lee Penn	Complete	
Y	098-B	Developing Strategies to Manage PFAS in Land-Applied Biosolids	\$ 1,000,000	Minnesota Pollution Control Agency	Summer Streets	Complete	
Y	104-B	Quantifying A New Urban Precipitation/Water Reality	\$ 500,000	U of MN	Joe Magner	Complete	
Y	157-D	White Nose Bat Syndrome Biological Control: Phase 3	\$ 440,000	U of MN	Christine Salomon	In progress	Expect final peer review week of January 13, 2020
Y	159-D	EAB and Black Ash: Maintaining Forests and Benefits	\$ 700,000	U of MN	Robert Slesak	Complete	
Y	167-DH	How Effective and Protective are AIS Removal Methods?	\$ 110,000	U of MN - Duluth NRRI	Valerie Brady	Complete	
Y	168-DH	Invasive Rock Snot Threatens North Shore Streams	\$ 197,000	Science Museum of Minnesota	Mark Edlund	Complete	
Y	198-EH	Eco-Friendly Plastics from Cloquet Pulp-Mill Lignin	\$ 193,000	U of MN	Simo Sarkanen	Complete	
Y	216-F	Implementing Hemp Crop Rotation to Improve Water Quality	\$ 700,000	Central Lakes College	Keith Olander	Complete	
Y	218-F	Developing Cover Crop Systems for Sugarbeet Production	\$ 300,000	U of MN	Anna Cates	Complete	
Y	219-F	Native Eastern Larch Beetle is Decimating Minnesotas Tamarack Forests	\$ 398,000	U of MN	Brian Aukema	Complete	
y	224-F	Habitat Associations of Mississippi Bottomland Forest Marsh Birds	\$ 275,000	National Audubon Society	Luis Ramirez	Complete	
Y	245-FH	Prescribed Burning for Brushland-Dependent Species-Phase II	\$ 147,000	U of MN	Rebecca Montgomery	Complete	
N	025-A	Healthy Prairies III: Restoring MN prairie plant diversity	\$ 500,000	U of MN	Ruth Shaw	Waived	Peer Review waived since Phase I underwent peer review, and Phase II was waived.
N	048-AH	Enhancing Bat Recovery by Optimizing Artificial Roost Structures	\$ 190,000	MN DNR	Ed Quinn	Waived	Data collection and not research
N	083-B	Technology for Energy-Generating Onsite Industrial Wastewater Treatment	\$ 450,000	U of MN	Paige Novak	Complete	NSF review
N	114-B	Innovative Solution for Protecting Minnesota from PFAS contamination	\$ 250,000	Dem-Con	Bill Keegan	Waived	Demonstration project and not research
N	173-E	Storing Renewable Energy in Flow-Battery for Grid Use	\$ 250,000	U of MN - Morris	Bryan Herrmann	Waived	Demonstration project and not research
N	215-F	Lignin-coated Fertilizers for Phosphate Control	\$ 250,000	U of MN - Duluth NRRI	Eric Singaas	Waived	Internal UMN review