

**Environment and Natural Resources Trust Fund FY 2024**  
**HF 2310 3E Article 2, as Passed the House of Representatives**

Project	Agency	HF 172 1 E			HF 2310 3E Art. 2			change from HF 172 1E
		Year			Year			
		FY2024	FY 2025	FY24-25	FY2024	FY 2025	FY24-25	
<b>1 Subdivision 3 Foundational Natural Resource Data and Information</b>								
2 a Assessing Restorations for Rusty-Patched and Other Bumblebee Habitat	DNR-Pass Through	75	-	75	75	-	75	-
3 b Removing Barriers to Carbon Market Entry	U of MN	482	-	482	482	-	482	-
4 c Mapping Migratory Bird Pitstops in Minnesota	DNR-Pass Through	340	-	340	340	-	340	-
5 d Enhancing Knowledge of Minnesota River Fish Ecology	DNR	199	-	199	199	-	199	-
6 e Changing Distribution of Flying Squirrel Species in Minnesota	U of MN	186	-	186	186	-	186	-
7 f Statewide Forest Carbon Inventory and Change Mapping	DNR	987	-	987	987	-	987	-
8 g Predicting the Future of Aquatic Species by Understanding the Past	U of MN	170	-	170	170	-	170	-
9 h Assessing Status of Common Tern Populations in Minnesota	U of MN	199	-	199	199	-	199	-
10 i Salvaged Wildlife to Inform Environmental Health, Ecology, Education	U of MN	486	-	486	486	-	486	-
11 j Developing Conservation Priorities for Rare and Specialist Bees	U of MN	619	-	619	619	-	619	-
12 k Efficacy of Urban Archery Hunting to Manage Deer	MN State Colleges and Universities	393	-	393	393	-	393	-
13 l Mapping the Ecology of Urban and Rural Canids	U of MN	601	-	601	601	-	601	-
14 m Maximizing Lowland Conifer Ecosystem Services: Phase II	U of MN	482	-	482	482	-	482	-
15 n Modernizing Minnesota's Wildlife (and Plant!) Action Plan	DNR	889	-	889	889	-	889	-
16 o Linking Breeding and Migratory Bird Populations in Minnesota	DNR-Pass Through	199	-	199	199	-	199	-
17 p Old Growth Forest Monitoring	DNR	441	-	441	441	-	441	-
18 q Integrating Remotely Sensed Data with Traditional Forest Inventory	U of MN	191	-	191	191	-	191	-
19 r Community Response Monitoring for Adaptive Management in Southeast Minnesota	DNR-Pass Through	483	-	483	483	-	483	-
20 s Minnesota Biodiversity Atlas - Phase 3	U of MN	797	-	797	797	-	797	-
21	<b>Subtotal</b>	<b>8,219</b>	-	<b>8,219</b>	<b>8,219</b>	-	<b>8,219</b>	-
<b>22 Subdivision 4 Water Resources</b>								
23 a Ditching Delinquent Ditches: Optimizing Wetland Restoration	U of MN	199	-	199	199	-	199	-
24 b Assessment of Red River Basin Project Outcomes	DNR-Pass Through	920	-	920	920	-	920	-
25 c Wind Wave and Boating Impacts on Inland Lakes	U of MN	415	-	415	415	-	415	-
26 d Finding, Capturing, and Destroying PFAS in Minnesota Waters	U of MN	478	-	478	478	-	478	-
27 e Sinking and Suspended Microplastic Particles in Lake Superior (ENRTF)	U of MN	223	-	223	223	-	223	-
28 Sinking and Suspended Microplastic Particles in Lake Superior (Great Lakes Protection Account)	U of MN	189	-	189	189	-	189	-
29 f Ecotoxicological Impacts of Quinone Outside Inhibitor (QoI) Fungicides	DNR-Pass Through	279	-	279	279	-	279	-
30 g Brightsdale Dam Channel Restoration	DNR-Pass Through	1,004	-	1,004	1,004	-	1,004	-
31 h Mapping Aquifer Recharge Potential	U of MN	391	-	391	391	-	391	-
32 i ALASD's Chloride Source Reduction Pilot Program	DNR-Pass Through	764	-	764	764	-	764	-
33 j Removing CECs from Stormwater with Biofiltration	U of MN	641	-	641	641	-	641	-
34 k Didymo II – The North Shore Threat Continues	SCIENCE MUSEUM	394	-	394	394	-	394	-
35 l Leveraging Data Analytics Innovations for Watershed District Planning	DNR-Pass Through	738	-	738	738	-	738	-
36 m Protecting Water in the Central Sands Region of the Mississippi River Headwaters	DNR-Pass Through	1,693	-	1,693	1,693	-	1,693	-
37	<b>Subtotal</b>	<b>8,328</b>	-	<b>8,328</b>	<b>8,328</b>	-	<b>8,328</b>	-
<b>38 Subdivision 5 Environmental Education</b>								
39 a Fostering Conservation by Connecting Students to the BWCA	DNR-Pass Through	1,080	-	1,080	1,080	-	1,080	-

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40	b	Statewide Environmental Education via PBS Outdoor Series	DNR-Pass Through	391	-	391	391	-	391	-
41	c	Increasing Diversity in Environmental Careers	DNR	763	-	763	763	-	763	-
42	d	Reducing Biophobia and Fostering Environmental Stewardship in Underserved Schools	U of MN	180	-	180	180	-	180	-
43	e	Sharing Minnesota's Biggest Environmental Investment	SCIENCE MUSEUM	628	-	628	628	-	628	-
44	f	North Shore Private Forestry Outreach and Implementation	DNR-Pass Through	375	-	375	375	-	375	-
45	g	Teaching Students about Watersheds through Outdoor Science	DNR-Pass Through	290	-	290	290	-	290	-
46	h	Bioblitz Urban Parks: Engaging Communities in Scientific Efforts	DNR-Pass Through	198	-	198	198	-	198	-
47			<b>Subtotal</b>	<b>3,905</b>	-	<b>3,905</b>	<b>3,905</b>	-	<b>3,905</b>	-
48	<b>Subdivision 6 Aquatic and Terrestrial Invasive Species</b>									
49	a	Northward Expansion of Ecologically Damaging Amphibians and Reptiles	U of MN	163	-	163	163	-	163	-
50	b	Developing Research-Based Solutions to Minnesota's AIS Problems	U of MN	4,941	-	4,941	4,941	-	4,941	-
51			<b>Subtotal</b>	<b>5,104</b>	-	<b>5,104</b>	<b>5,104</b>	-	<b>5,104</b>	-
52	<b>Subdivision 7 Air Quality, Climate Change, and Renewable Energy</b>									
53	a	Community Forestry AmeriCorps	DNR-Pass Through	1,500	-	1,500	1,500	-	1,500	-
54	b	Biochar Implementation in Habitat Restoration: A Pilot	DNR-Pass Through	185	-	185	185	-	185	-
55	c	Completing Installment of the Minnesota Ecological Monitoring Network	U of MN	1,094	-	1,094	1,094	-	1,094	-
56	d	Lichens as Low-Cost Air Quality Monitors in Minnesota	U of MN	341	-	341	341	-	341	-
57	e	Environment-Friendly Decarbonizing of Steel Production with Hydrogen Plasma	U of MN	739	-	739	739	-	739	-
58	f	Economic Analysis Guide for Minnesota Climate Investments	MPCA	54	-	54	54	-	54	-
59			<b>Subtotal</b>	<b>3,913</b>	-	<b>3,913</b>	<b>3,913</b>	-	<b>3,913</b>	-
60	<b>Subdivision 8 Methods to Protect, Restore, and Enhance Land, Water, and Habitat</b>									
61	a	Minnesota Bee and Beneficial Species Habitat Enhancement II	DNR-Pass Through	876	-	876	876	-	876	-
62	b	Karner Blue Butterfly Insurance Population Establishment in Minnesota	DNR-Pass Through	405	-	405	405	-	405	-
63	c	Root River Habitat Restoration at Eagle Bluff	DNR-Pass Through	866	-	866	866	-	866	-
64	d	Restoring Mussels in Streams and Lakes - Continuation	DNR	825	-	825	825	-	825	-
65	e	Minnesota Million: Seedlings for Reforestation and CO2 Sequestration	U of MN	906	-	906	906	-	906	-
66	f	Panoway on Wayzata Bay Shoreline Restoration Project	DNR-Pass Through	200	-	200	200	-	200	-
67	g	Pollinator Central III: Habitat Improvement with Community Monitoring	DNR-Pass Through	190	-	190	190	-	190	-
68	h	Restoring Forests and Savannas Using Silvopasture - Phase2	DNR-Pass Through	674	-	674	674	-	674	-
69	i	Minnesota Community Schoolyards	DNR-Pass Through	1,433	-	1,433	1,433	-	1,433	-
70	j	Pollinator Enhancement and Mississippi River Shoreline Restoration	MN Department of Military Affairs	187	-	187	187	-	187	-
71	k	Conservation Cooperative for Working Lands	DNR-Pass Through	2,611	-	2,611	2,611	-	2,611	-
72	l	Quantifying Environmental Benefits of Peatland Restoration in Minnesota	U of MN	754	-	754	754	-	754	-
73	m	Renewing Access to an Iconic North Shore Vista	DNR-Pass Through	197	-	197	197	-	197	-
74	n	Addressing Erosion Along High Use River Loops	DNR-Pass Through	368	-	368	368	-	368	-
75	o	Pollinator Habitat Creation at Minnesota Closed Landfills	MPCA	1,508	-	1,508	1,508	-	1,508	-
76	p	Enhancing Habitat Connectivity within the Urban Mississippi Flyway	DNR-Pass Through	190	-	190	190	-	190	-
77	q	Statewide Diversion of Furniture and Mattress Waste Pilots	DNR-Pass Through	2,833	-	2,833	2,833	-	2,833	-
78	r	Phelps Mill Wetland and Prairie Restoration	DNR-Pass Through	974	-	974	974	-	974	-
79			<b>Subtotal</b>	<b>15,997</b>	-	<b>15,997</b>	<b>15,997</b>	-	<b>15,997</b>	-

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80	<b>Subdivision 9 Land Acquisition, Habitat, and Recreation</b>								
81 a	SNA Stewardship, Outreach, and Biodiversity Protection	DNR	1,919	-	1,919	1,919	-	1,919	-
82 b	Wannigan Regional Park Land Acquisition	DNR-Pass Through	727	-	727	727	-	727	-
83 c	Local Parks, Trails, and Natural Areas Grant Programs	DNR	3,802	-	3,802	3,802	-	3,802	-
84 d	Outreach and Stewardship Through the Native Prairie Bank Program	DNR	620	-	620	620	-	620	-
85 e	Minnesota State Trails Development	DNR	4,952	-	4,952	4,952	-	4,952	-
86 f	Construction of East Park	DNR-Pass Through	700	-	700	700	-	700	-
87 g	Scandia Gateway Trail to William O'Brien State Park	DNR-Pass Through	2,689	-	2,689	2,689	-	2,689	-
88 h	Grand Marais Mountain Bike Trail Rehabilitation: Phase II	DNR-Pass Through	200	-	200	200	-	200	-
89 i	Acquisition of State Parks and Trails Inholdings	DNR	5,425	-	5,425	5,425	-	5,425	-
90 j	St. Louis River Re-Connect-Phase II	DNR-Pass Through	1,375	-	1,375	1,375	-	1,375	-
91 k	City of Biwabik Recreation	DNR-Pass Through	1,306	-	1,306	1,306	-	1,306	-
92 l	Silver Bay Multimodal Trailhead Project	DNR-Pass Through	1,970	-	1,970	1,970	-	1,970	-
93 m	Above the Falls Regional Park Restoration Planning and Acquisition	DNR-Pass Through	1,376	-	1,376	1,376	-	1,376	-
94 n	Redhead Mountain Bike Park	DNR-Pass Through	1,666	-	1,666	1,666	-	1,666	-
95 o	Maplewood State Park Trail Segment of the Perham to Pelican Rapids Regional	DNR-Pass Through	2,514	-	2,514	2,514	-	2,514	-
96		<b>Subtotal</b>	<b>31,241</b>	-	<b>31,241</b>	<b>31,241</b>	-	<b>31,241</b>	-
97	<b>Subdivision 10 Administrative</b>								
98 a	LCCMR Administrative Budget	LCCMR	2,000	-	2,000	2,133	-	2,133	133
99 b	Emerging Issues Account	LCCMR	900	-	900	767	-	767	(133)
100 c	Contract Agreement Reimbursement	DNR	224	-	224	224	-	224	-
101 d	Legislative Coordinating Commission Legacy Website	LCC	2	-	2	2	-	2	-
102		<b>Subtotal</b>	<b>3,126</b>	-	<b>3,126</b>	<b>3,126</b>	-	<b>3,126</b>	-
103									
104		<b>ENRTF</b>	<b>79,644</b>	-	<b>79,644</b>	<b>79,644</b>	-	<b>79,644</b>	-
105		<b>Great Lakes Protection Account</b>	<b>189</b>	-	<b>189</b>	<b>189</b>	-	<b>189</b>	-
106		<b>TOTAL</b>	<b>79,833</b>	-	<b>79,833</b>	<b>79,833</b>	-	<b>79,833</b>	-
107									
108		AMOUNT AVAILABLE ENRTF	79,644	79,644	159,288	79,644	79,644	159,288	-
109		AMOUNT APPROPRIATED	79,644	-	79,644	79,644	-	79,644	-
110		Difference	-	(79,644)	(79,644)	-	(79,644)	(79,644)	-
111									
112	<b>Subdivision 11 Transfers</b>								
113	Restoring Upland Forests for Birds M.L. 2021, First Special Session, Chp.6, Art.6, Sec. 2, Subd. 08f	From				(176,000)			
114	Neonicotinoid Impacts on Game Species	to				176,000			
115									