

Environment and Natural Resources Trust Fund FY 2025

Chapter 83 (HF 3377)

Project		Agency	Chapter 83		
			FY2024	FY 2025	FY24-25
1	Subdivision 3 Foundational Natural Resource Data and Information				
2 a	Native Plant Community Data in City of Duluth	DNR-Pass Through	-	198	198
3 b	Reconstructing Historical Wild Rice to Understand Its Future	SCIENCE MUSEUM	-	200	200
4 c	Characterizing Tree Cavities and Use by Minnesota’s Wildlife	U of MN	-	349	349
5 d	Fate of Minnesota’s Lakes in the Next Century	U of MN	-	453	453
6 e	Turtle Island Skywatchers – Minnesota Research and Data Visualization	DNR-Pass Through	-	200	200
7 f	Monitoring Minnesota’s Insects: Connecting Habitat to Insect Prey	U of MN	-	199	199
8 g	Determining Ambient Background PFAS Concentrations in Minnesota Soils	MPCA	-	621	621
9 h	Investigating Life History Characteristics of Minnesota Elk	DNR	-	933	933
10 i	Foundational Data for Moth and Butterfly Conservation	DNR	-	195	195
11 j	DNR County Groundwater Atlas	DNR	-	3,200	3,200
12 k	Voyageurs Wolf Project - Phase III	U of MN	-	996	996
13 l	Distribution and Population Status of Weasels in Minnesota	U of MN	-	400	400
14 m	Improving Aquatic Plant Knowledge for Healthy Waters	DNR	-	198	198
15 n	New Small Mammal Monitoring Methods for Minnesota	U of MN	-	199	199
16 o	Status of Bats and Roost Trees after White-Nose Syndrome	U of MN	-	195	195
17 p	Sublethal Effects of Pesticides on Invertebrate Community	U of MN	-	387	387
18 q	Modernizing Minnesota’s Plant Community Classification and Field Guides	DNR	-	1,800	1,800
19 r	Assessing Prairie Health to Inform Pollinator Conservation	MN ZOO	-	297	297
20 s	Understanding Native Fishes in the Bowfishing Era	U of MN	-	588	588
21 t	Preserving Minnesota Wildflower Information	U of MN	-	199	199
22 u	White-Tailed Deer Movement and Disease in Suburban Areas	U of MN	-	699	699
23 v	Highly Pathogenic Avian Influenza and Minnesota Raptors	U of MN	-	187	187
24 w	Geologic Atlases for Water Resource Management	U of MN	-	1,236	1,236
25 x	Remote Sensing for Pollinator Habitat	DNR-Pass Through	-	180	180
26 y	Harnessing Cover Crops and Roots for Sustainable Cropping	U of MN	-	375	375
27 z	Effects of Conservation Grazing on Solar Pollinator Habitat	DNR-Pass Through	-	88	88
28 aa	Genetic Detection of Endangered Mussels in the Mississippi	DNR-Pass Through	-	241	241
29 bb	Integrated Population Modeling for Trumpeter Swans	U of MN	-	180	180
30		Subtotal	-	14,993	14,993
31	Subdivision 4 Water Resources				
32 a	Hyperspectral Characterization of Toxic Harmful Algal Blooms	U of MN		399	399
33 b	Characterization of Chemicals in Structural Fire Wastewater	U of MN		369	369
34 c	Climate Change and Management Effects on Lake Methane	U of MN		540	540

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35 d	Enhancing Wastewater Treatment through Genetic Sequencing	U of MN		553	553
36 e	Improving Water Efficiency Programming with Measurable Outcomes	DNR-Pass Through		200	200
37 f	Fluorine Beyond PFAS: Pesticide and Pharmaceutical Degradation	U of MN		400	400
38 g	Novel Nutrient Recovery Process from Wastewater Treatment Plants	U of MN		486	486
39 h	Visitor Perceptions of Lake Water Quality to Aid Lake Management	U of MN		379	379
40 i	Wildfire Impacts on Mercury Cycling in Wilderness Lakes	U of MN		297	297
41 j	Flood and Drought Modeling for Minnesota	U of MN		499	499
42 k	Breaking the PFAS Cycle with a Full-Scale Demonstration	DNR-Pass Through		1,481	1,481
43 l	Are Stream Restoration Efforts Effective? An Evidence-Based Assessment.	DNR-Pass Through		200	200
44 m	Uncovering the Past to Protect Minnesota’s Walleye Fisheries	SCIENCE MUSEUM		1,121	1,121
45		Subtotal	-	6,924	6,924
46	Subdivision 5 Environmental Education				
47 a	Jay C. Hormel Nature Center Supplemental Teaching Staff	DNR-Pass Through	-	410	410
48 b	Connecting Communities to Voyageurs Classroom and Minnesota’s National Park	DNR-Pass Through	-	994	994
49 c	Supporting Minnesota Teachers Implement Culturally Sustaining Environmental Education	U of MN	-	295	295
50 d	Phenology Investigations in Minnesota Schools	U of MN	-	392	392
51 e	Get the Lead Out: Lead-Free Fishing Tackle Education	MPCA	-	254	254
52 f	Water Science and Policy Fellowships for Minnesota	U of MN	-	407	407
53 g	Mentoring Next Generation of Conservation Professionals - Phase II	DNR-Pass Through	-	793	793
54 h	Restoring Land, Reviving Heritage: Indigenous Conservation-Phase II	DNR-Pass Through	-	688	688
55 i	Unlocking Minnesota Wilderness for Youth	DNR-Pass Through	-	705	705
56 j	Outdoor Pathways to Environmental Education, Recreation, and Careers	DNR-Pass Through	-	1,500	1,500
57 k	Increasing Access to Environmental Education Youth Camps	DNR-Pass Through	-	163	163
58 l	Launching Environmental Education at Shepard Farm	DNR-Pass Through	-	639	639
59 m	YES! Students Step Up To Reduce Carbon Footprint	DNR-Pass Through	-	199	199
60 n	The Boundary Waters is Our Backyard	DNR-Pass Through	-	500	500
61 o	Season Watch: Cultivating Young Naturalists with Phenology Education	DNR-Pass Through	-	180	180
62 p	Rural Minnesota Mobile Lab: Environmental-Focused Earth Science Education	U of MN	-	459	459
63 q	Increasing Accessibility of Environmental Education at Deep Portage	DNR-Pass Through	-	228	228
64 r	College-School Collaboration to Promote Environmental Career Paths	MN State Colleges and Universities	-	174	174
65 s	Water Quality and Robots: Experientially Educating Minnesotan Youth	U of MN	-	353	353
66 t	Expanding Youth and Family Fishing Opportunities	DNR	-	1,162	1,162
67 u	Youth Conservation Empowerment Project	U of MN	-	70	70
68 v	North Minneapolis Nature Connection: Storytelling and Leadership Pathways	DNR-Pass Through	-	697	697

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69		Subtotal	-	11,262	11,262
70	Subdivision 6 Aquatic and Terrestrial Invasive Species				
71	a Minnesota Invasive Terrestrial Plants and Pests Center, VII	U of MN	-	7,000	7,000
72	b Mitigating the Spread of Invasive Jumping Worms	U of MN	-	470	470
73	c Implementing Innovative Techniques to Manage Low-Density Invasive Carp	DNR	-	634	634
74	d Early Detection of Invasive Viruses in Native Pollinators	U of MN	-	200	200
75		Subtotal	-	8,304	8,304
76	Subdivision 7 Air Quality, Climate Change, and Renewable Energy				
77	a Minimizing Minnesota’s Landfill Problem by Expanding Waste Diversion	DNR-Pass Through	-	2,318	2,318
78	b Building Resilient Urban Forests for Climate Change	DNR-Pass Through	-	752	752
79	c Improving Agricultural Ecosystems through Autonomous Weed Control	U of MN	-	978	978
80	d Advanced Biofilter for N2O Removal	U of MN	-	325	325
81	e Managing Future Floods and Droughts in Minnesota	U of MN	-	460	460
82		Subtotal	-	4,833	4,833
83	Subdivision 8 Methods to Protect, Restore, and Enhance Land, Water, and Habitat				
84	a Long-Term Preservation of Minnesota’s Ball Cactus Population	U of MN	-	100	100
85	b Morrison County Historical Society Streambank Stabilization and Restoration	DNR-Pass Through	-	519	519
86	c Can Increased Tree Diversity Increase Community Diversity?	U of MN	-	415	415
87	d Restoration of Riverside Park	DNR-Pass Through	-	141	141
88	e Pollinator Central IV: Habitat Improvement with Public Engagement	DNR-Pass Through	-	698	698
89	f Conservation Grazing for Birds, Beef, and Better Soil	DNR-Pass Through	-	342	342
90	g Minnesota Microbes for Enhanced Biodegradation of Microplastics	U of MN	-	524	524
91	h Completing the Mississippi River Greenway: Dakota County	DNR-Pass Through	-	657	657
92	i Enabling Nature to Destroy Environmental PFAS Contaminants	U of MN	-	378	378
93	j Bioacoustics for Species Monitoring and Conservation - Phase II	U of MN	-	568	568
94	k Preventing PFAS and Microplastics Contaminants across Minnesota	U of MN	-	656	656
95	l Shingle Creek Aquatic and Shoreline Habitat Enhancement	DNR-Pass Through	-	1,100	1,100
96	m LiDAR Technology Preventing Wildlife Fatalities from Wind Turbines	U of MN	-	525	525
97	n Road Salt Pollution of Surface Waters from Groundwater	U of MN	-	622	622
98	o Growing the Minnesota Bison Conservation Herd	DNR	-	1,775	1,775
99	p Priority Lakes: Meeting Protection Goals and Multiplying Benefits	DNR-Pass Through	-	1,890	1,890
100		Subtotal	-	10,910	10,910
101	Subdivision 9 Land Acquisition, Habitat, and Recreation				
102	a Minnesota Driftless Hiking Trail	DNR-Pass Through	-	426	426

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103 b	Local Parks, Trails and Natural Areas Grant Programs	DNR	-	4,791	4,791
104 c	Acquisition of State Parks InHoldings	DNR-Pass Through	-	1,886	1,886
105 d	Scientific and Natural Area (SNA) Biodiversity Protection	DNR	-	957	957
106 e	Metropolitan Regional Parks System Land Acquisition Phase VIII	METROPOLITAN COUNCIL	-	3,000	3,000
107 f	Zumbro River Regional Water Trail	DNR-Pass Through	-	170	170
108 g	Spring Lake Park Reserve Restoration and River Access	DNR-Pass Through	-	2,925	2,925
109 h	Minnesota State Trails Development	DNR	-	5,036	5,036
110 i	Birch Lake Marina Design	DNR-Pass Through	-	197	197
111 j	Dent and Vergas Spur Trails	DNR-Pass Through	-	934	934
112		Subtotal	-	20,322	20,322
113	Subdivision 10 Administrative				
114 a	LCCMR Administrative Budget	LCCMR	-	750	750
115 b	Emerging Issues Account	LCCMR	-	1,071	1,071
116 d	Contract Agreement Reimbursement	DNR	-	275	275
117		Subtotal	-	2,096	2,096
118					
119		ENRTF	-	79,644	79,644
120		TOTAL	-	79,644	79,644
121					
122		AMOUNT AVAILABLE ENRTF	-	79,644	79,644
123		AMOUNT APPROPRIATED	-	79,644	79,644
124		Difference	-	-	-