

Environment and Natural Resources Trust Fund FY 2022

HF 151 as introduced

		<i>HF 151 as introduced</i>			
Project	Agency/Grantee	Year			
		FY2022	FY 2023	FY22-23	
1	Subdivision 3 Foundational Natural Resource Data and Information				
2 a	What's Bugging Minnesota's Insect-Eating Birds?	U of MN	199	-	199
3 b	Protecting Minnesota's Beneficial Macroalgae: All Stoneworts Aren't Starry	DNR	811	-	811
4 c	County Groundwater Atlas	DNR	1,875	-	1,875
5 d	Improving Resiliency and Conservation Outcomes for Minnesota Turtles	MN Zoo	391	-	391
6 e	Minnesota Biological Survey	DNR	1,500	-	1,500
7 f	Groundwater Contamination Mapping Project - Phase II	PCA	800	-	800
8 g	Geologic Atlases for Water Resource Management	U of MN	3,092	-	3,092
9 h	Redwood County Reinvest in Minnesota Easement Evaluation and Public Outreach	DNR	197	-	197
10 i	Collaborative State and Tribal Wild Rice Monitoring Program	DNR	644	-	644
11 j	Morrison County Performance Drainage and Hydrology Management II	DNR	197	-	197
12 k	Exploring Minnesota's Wetlands: Our Resource for Future Medicine	U of MN	210	-	210
13 l	A Biodiversity Checkup for Minnesota's Big Woods	U of MN	109	-	109
14 m	Microbiome in Raptors: A New Tool for Conservation	U of MN	129	-	129
15 n	Bioacoustics for Broad-Scale Species Monitoring and Conservation	U of MN	305	-	305
16		Subtotal	10,459	-	10,459
17	Subdivision 4 Water Resources				
18 a	Trout Stream Habitat Restoration Success	U of MN	319	-	319
19 b	Novel Nutrient Recovery Process from Wastewater Treatment Plants	U of MN	200	-	200
20 c	Monitoring Emerging Viruses in Minnesota's Urban Water Cycles	U of MN	416	-	416
21 d	Microgeographic Impact of Antibiotics Released from Identified Hotspots	U of MN	508	-	508
22 e	Sustainable Irrigation Management: Expanding a Web Application	U of MN	1,139	-	1,139
23 f	Assessing Membrane Bioreactor Wastewater Treatment Efficacy	MN STATE COLLEGES	419	-	419
24 g	Evaluating Coronavirus and Other Microbiological Contamination of Drinking Water Sources from Wastewater	U of MN	594	-	594
25 h	St. James Pit Water-Level Control Study	DNR	259	-	259
26 i	Long-Term Nitrate Mitigation by Maintaining Profitable Kernza Production	DNR	485	-	485
27 j	Antibiotic Resistance and Wastewater Treatment: Problems and Solutions	DNR	432	-	432
28		Subtotal	4,771	-	4,771
29	Subdivision 5 Environmental Education				
30 a	Increasing Outdoor Learning for Young Minnesotans	DNR	383	-	383
31 b	Pollinator Education in the Science Classroom	U of MN	366	-	366
32 c	Minnesota Freshwater Quest: Environmental Education for Youth	DNR	699	-	699
33 d	Minnesota Master Naturalist: Nature for New Minnesotans	U of MN	293	-	293
34 e	The Voyageurs Classroom Initiative	DNR	348	-	348
35 f	Restoring Land and Reviving Heritage: Conservation Through Indigenous Culture	DNR	420	-	420
36 g	Expanding Access to Environmental Education for Underserved Communities	U of MN	178	-	178
37		Subtotal	2,687	-	2,687

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38	Subdivision 6 Aquatic and Terrestrial Invasive Species				
39 a	Starch Allocation Patterns of Invasive Starry Stonewort Harvested from Lake Koronis	MN STATE COLLEGES	101	-	101
40 b	Long-Term Efficacy of Invasive Removal in Floodplain Forests	DNR	25	-	25
41 c	Oak Wilt Suppression at the Northern Edge - Phase II	DNR	423	-	423
42 d	Biocontrol of Invasive Species in Bee Lawns and Parklands	U of MN	425	-	425
43 e	Building Knowledge and Capacity for AIS Solutions	U of MN	3,750	-	3,750
44 f	Evaluating Minnesota's Last Best Chance to Stop Carp	U of MN	424	-	424
45 g	Stop Starry Invasion with Community Invasive Species Containment	DNR	1,000	-	1,000
46		Subtotal	6,148	-	6,148
47	Subdivision 7 Air Quality, Climate Change, and Renewable Energy				
48 a	Enhanced Thermo-Active Foundations for Space Heating in Minnesota	U of MN	312	-	312
49 b	Storing Renewable Energy in Flow Battery for Grid Use	U of MN	2,408	-	2,408
50 c	Agrivoltaics to Improve the Environment and Farm Resiliency	U of MN	646	-	646
51 d	Behavioral Response of Bald Eagles to Acoustic Stimuli	U of MN	261	-	261
52 e	Create Jobs Statewide by Diverting Materials from Landfills	DNR	2,244	-	2,244
53 f	Strengthening Minnesota's Reuse Economy to Conserve Natural Resources	DNR	334	-	334
54		Subtotal	6,205	-	6,205
55	Subdivision 8 Methods to Protect, Restore, and Enhance Land, Water, and Habitat				
56 a	Camp Ripley Sentinel Landscape Forest Restoration and Enhancements	DNR	731	-	731
57 b	Restoring Mussels in Streams and Lakes-Continuation	DNR	619	-	619
58 c	Pollinator Central II: Habitat Improvement With Community Monitoring	DNR	631	-	631
59 d	Preserving Minnesota's Only Ball Cactus Population	U of MN	103	-	103
60 e	Prescribed-Fire Management for Roadside Prairies-Phase II	TRANSPORTATION	217	-	217
61 f	Restoring Upland Forests for Birds	DNR	193	-	193
62 g	Minnesota Green Schoolyards	DNR	250	-	250
63 h	Plumbing the Muddy Depths of Superior Hiking Trail	DNR	187	-	187
64 i	Reducing Plastic Pollution with Biodegradable Erosion Control Products	AURI	200	-	200
65 j	Remote Sensing and Super Resolution Imaging of Microplastics	U of MN-St. Anthony Falls Lab	309	-	309
66 k	Woodcrest Trail Expansion	DNR	16	-	16
67 l	Urban Pollinator and Native American Cultural Site Restoration	DNR	213	-	213
68 m	Demonstrating Real-World Economic and Soil Benefits of Cover Crops and Alternative Tillage	DNR	288	-	288
69 n	Creating Cost-Effective Forage and Management Actions for Pollinators	U of MN	198	-	198
70 o	Shoreline Stabilization, Fishing, and ADA Improvements at Silverwood Park	DNR	200	-	200
71 p	Lawns to Legumes Program-Phase II	BWSR	993	-	993
72 q	Reintroducing Bison to Spring Lake Park Reserve	DNR	560	-	560
73 r	Elm Creek Habitat Restoration Final Phase	DNR	521	-	521
74		Subtotal	6,429	-	6,429

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75	Subdivision 9 Land Acquisition for Habitat and Recreation				
76	a Perham to Pelican Rapids Regional Trail (McDonald Segment)	DNR	2,245	-	2,245
77	b Mesabi Trail CSAH 88 to ELY	DNR	1,650	-	1,650
78	c Southwest Minnesota Single-Track Trail	DNR	190	-	190
79	d Local Parks, Trails, and Natural Areas Grant Programs	DNR	2,250	-	2,250
80	e Metropolitan Regional Parks System Land Acquisition-Phase VII	Metropolitan Council	2,250	-	2,250
81	f Sauk Rapids Lions Park Riverfront Improvements	DNR	463	-	463
82	g City of Brainerd-Mississippi Landing Trailhead	DNR	2,850	-	2,850
83	h Native Prairie Stewardship and Prairie Bank Easement Acquisition	DNR	1,341	-	1,341
84	i Moose Lake-Trunk Highway 73 Trail	DNR	330	-	330
85	j SNA Acquisition, Restoration, Citizen-Science, and Outreach	DNR	3,336	-	3,336
86	k Precision Acquisition for Restoration, Groundwater Recharge, and Habitat	DNR	467	-	467
87	l Lake Brophy Single-Track Trail Expansion	DNR	100	-	100
88	m Veterans on the Lake	DNR	553	-	553
89	n Crane Lake Voyageurs National Park Visitor Center- Continuation	DNR	2,700	-	2,700
90	o Brookston Campground, Boat Launch, and Outdoor Recreational Facility Planning	DNR	425	-	425
91	p Moose and Seven Beaver Multiuse Trails Upgrade	DNR	900	-	900
92	q Above the Falls Regional Park Acquisition	DNR	950	-	950
93	r Silver Lake Trail Improvement Project	DNR	1,071	-	1,071
94	s Minnesota State Trails Development	DNR	4,266	-	4,266
95	t Highbanks Ravine Bat Hibernaculum	DNR	825	-	825
96	u State Parks and Trails Inholdings	DNR	2,560	-	2,560
97	v Accessible Fishing Piers and Shore Fishing Areas	DNR	340	-	340
98		Subtotal	32,062	-	32,062
99	Subdivision 10 Administrative and Emerging Issues				
100	a Contract Agreement Reimbursement	DNR	135	-	135
101	b LCCMR Administration	LCC	1,750	-	1,750
102	c Emerging Issues Account		233	-	233
103	d Legislative Coordinating Commission Administration (Website)	LCC	2	-	2
104			2,120	-	2,120
105		TOTAL	70,881	-	70,881
106	<i>*all values in thousands of \$</i>				
		AMOUNT AVAILABLE	70,881	-	
		Difference	-	-	