

Environment and Natural Resources Trust Fund HF 30 as introduced

	Project	Agency/Grantee	HF 30 as introduced		
			Year		
			FY2020	FY 2021	FY20-21
1	Subdivision 3 Foundational Natural Resource Data and Information				
2	a Geologic Atlases for Water Resource Management	U of MN	-	2,000	2,000
3	b Expanding Minnesota Ecological Monitoring Network	DNR	-	800	800
4	c County Groundwater Atlas	DNR	-	1,125	1,125
5	d Foundational Hydrology Data For Wetland Protection and Restoration	DNR	-	400	400
6	e Voyageurs Wolf Project - Phase II	U of MN	-	575	575
7	f Expanding Restoration and Promoting Awareness of Native Mussels	MN Zoo	-	489	489
8	g Improving Pollinator Conservation By Revealing Habitat Needs	U of MN	-	500	500
9	h Bee Minnesota - Protect Our Native Bumblebees	U of MN	-	650	650
10	i Bobcat and Fisher Habitat Use and Interactions	U of MN	-	400	400
11	j Healthy Prairies III: Restoring Minnesota Prairie Plant Diversity	U of MN	-	500	500
12	k Freshwater Sponges and AIS: Engaging Citizen Scientists	U of MN	-	400	400
13	l Do Beavers Buffer Against Droughts and Floods?	DNR-Voyageurs National Park	-	168	168
14	m Enhancing Bat Recovery By Optimizing Artificial Roost Structures	DNR	-	190	190
15	n Tools For Supporting Healthy Ecosystems and Pollinators	DNR	-	198	198
16	o Conserving Black Terns and Forster's Terns In Minnesota	U of MN- NRRI	-	198	198
17		Subtotal	-	8,593	8,593
18	Subdivision 4 Water Resources				
19	a Managing Highly Saline Waste From Municipal Water Treatment	U of MN	-	250	250
20	b Technology for Energy-Generating On-Site Industrial Wastewater Treatment	U of MN	-	450	450
21	c Microplastics: Transporters of Contaminants in Minnesota Waters	U of MN	-	425	425
22	d Developing Strategies to Manage PFAS in Land Applied Biosolids	PCA	-	1,404	1,404
23	e Quantifying New Urban Precipitation and Water Reality	U of MN	-	500	500
24	f Innovative Solution for Protecting Minnesota from PFAS Contamination	DNR-Dem-Con	-	250	250
25	g Expanding Protection of Minnesota Water Through Industrial Conservation	U of MN	-	178	178
26		Subtotal	-	3,457	3,457
27	Subdivision 5 Technical Assistance, Outreach, and Environmental Education				
28	a Statewide Environmental Education Via Public Television Outdoor Series	DNR-Pioneer Public Television	-	300	300
29	b Minnesota Freshwater Quest: Environmental Education on State Waterways	DNR-Wilderness Inquiry	-	500	500
30	c Teach Science: Schools as STEM Living Laboratories	DNR-Climate Generation	-	368	368
31	d Mentoring Next Generation of Conservation Professionals	DNR-MVNWRT	-	500	500
32	e Jay C. Hormel Nature Center Supplemental Teaching Staff	DNR-Austin	-	225	225
33	f 375 Underserved Youth Learn Minnesota Ecosystems by Canoe	DNR-YMCA	-	375	375

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34	g	YES! Students Take on Water Quality Challenge - Phase II	DNR-Prairie Woods ELC	-	199	199
35	h	Engaging Minnesotans With Phenology: Radio, Podcasts, Citizen Science	DNR-Northern Community Radio	-	198	198
36	i	Driving Conservation Behavior For Native Mussels and Water Quality	MN Zoo	-	191	191
37	j	Workshops and Outreach to Protect Raptors from Lead Poisoning	U of MN Raptor Center	-	133	133
38						
				Subtotal	-	2,989
39		Subdivision 6 Aquatic and Terrestrial Invasive Species				
40	a	Minnesota Invasive Terrestrial Plants and Pests Center (MITPPC)-Phase V	U of MN	-	5,000	5,000
41	b	Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	-	3,500	3,500
42	c	Biological Control of White-Nose Syndrome in Bats-Phase III	U of MN	-	440	440
43	d	Applying New Tools and Techniques Against Invasive Carp	DNR	-	478	478
44	e	Emerald Ash Borer and Black Ash: Maintaining Forests and Benefits	U of MN	-	700	700
45	f	Testing Effectiveness of Aquatic Invasive Species Removal Methods	U of MN-NRRI	-	110	110
46	g	Invasive <i>Didymosphenia</i> Threatens North Shore Streams	Science Museum	-	197	197
47						
				Subtotal	-	10,425
48		Subdivision 7 Air Quality and Renewable Energy				
49	a	Storing Renewable Energy in Flow Batter For Grid Use	U of MN-Morris	-	250	250
50	b	Eco-Friendly Plastics from Cloquet Pulp-Mill Lignin	U of MN	-	193	193
51	c	Diverting Unsold Food From Landfills and Reducing Greenhouse Gases	DNR-Second Harvest Heartland	-	130	130
52						
				Subtotal	-	573
53		Subdivision 8 Methods to Protect or Restore Land, Water, and Habitat				
54	a	Pollinator Central: Habitat Improvement With Citizen Monitoring	DNR-Great River Greening	-	750	750
55	b	Pollinator and Beneficial Insect Strategic Habitat Program	BWSR	-	750	750
56	c	Lignin-Coated Fertilizers For Phosphate Control	U of MN-NRRI	-	250	250
57	d	Implementing Hemp Crop Rotation to Improve Water Quality	MNSCU-Central Lakes College	-	700	700
58	e	Developing Cover-Crop Systems for Sugar Beet Production	U of MN	-	300	300
59	f	Native Eastern Larch Beetle Decimating Minnesota's Tamarack Forests	U of MN	-	398	398
60	g	Habitat Associations of Mississippi Bottomland Forest March Birds	DNR-Audubon	-	275	275
61	h	Peatland Restoration in the Lost River State Forest	DNR-Roseau River WD	-	135	135
62	i	Prescribed Burning for Brushland-Dependent Species-Phase II	U of MN	-	147	147
63	j	Pollinator Habitat Creation Along Urban Mississippi River	DNR-Friends of the Mississippi River	-	129	129
64	k	Increase Golden Shiner Production to Protect Aquatic Communities	U of MN-Sea Grant	-	188	188
65	l	Restoring Turf to Native Pollinator Gardens Across Metro	DNR-Wilderness in the City	-	197	197
66						
				Subtotal	-	4,219
67		Subdivision 9 Land Acquisition, Habitat, and Recreation				
68	a	DNR Scientific and Natural Areas	DNR	-	3,000	3,000
69	b	Private Native Prairie Conservation Through Native Prairie Bank	DNR	-	2,000	2,000
70	c	Minnesota State Parks and Trails Inholdings	DNR	-	3,500	3,500

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71	d Grants for Local Parks, Trails, and Natural Areas	DNR	-	2,400	2,400
72	e Mississippi River Aquatic Habitat Restoration and Mussel Reintroduction	DNR-Minneapolis Parks	-	1,800	1,800
73	f Minnesota Hunter Walking Trails: Public Land Recreation	DNR-Ruffed Grouse Society	-	300	300
74	g Turning Back to Rivers: Environmental and Recreational Protection	DNR-TPL	-	1,000	1,000
75	h Metropolitan Regional Parks System Land Acquisition-Phase VI	Metropolitan Council	-	1,000	1,000
76	i Minnesota State Trails Development	DNR	-	994	994
77	j Elm Creek Restoration-Phase IV	DNR-Champlin	-	500	500
78	k Superior Hiking Trail as Environmental Showcase	DNR-Superior Hiking Trail Association	-	450	450
79	l Upper St. Anthony Falls Enhancements	DNR-Friends of the Locke and Dam	-	2,800	2,800
80	m Whiskey Creek and Mississippi River Water Quality, Habitat, and Recreation	DNR-Mississippi Headwaters Board	-	500	500
81	n Perham to Pelican Rapids Regional Trail (West Segment)	DNR-Otter Tail County	-	2,600	2,600
82	o Crow Wing County Community Natural Area Acquisition	DNR-Crow Wing County	-	400	400
83	p Rocori Trail-Phase III	DNR-Rocori Trails Construction Board	-	1,200	1,200
84	q Mesabi Trail: New Trail and Additional Funding	DNR-St. Louis and Lake Counties Regional Railroad Authority	-	1,000	1,000
85	r Ranier Safe Harbor and Transient Dock on Rainy Lake	DNR-Ranier	-	762	762
86	s Crane Lake Voyageurs National Park Campground and Visitor Center	DNR-Crane Lake	-	3,100	3,100
87	t Chippewa County Acquisition, Recreation and Education	DNR-Chippewa County	-	160	160
88	u Sportsmen's Training and Developmental Learning Center	DNR-MN Forest Zone Trappers Association	-	85	85
89	v Birch Lake Recreation Area	DNR-Babbitt	-	350	350
90		Subtotal	-	29,901	29,901
91	Subdivision 10 Emerging Issues Account				
92	Wastewater Renewable Energy Demonstration Grants	PFA	-	1,095	1,095
93			-	1,095	1,095
94	Subdivision 11 Contract Agreement Reimbursement				
95	a Contract Agreement Reimbursement	DNR	-	135	135
96		Subtotal	-	135	135
97		TOTAL	-	61,387	61,387
98	Transfers				
99	Sauk River Dam Removal and Rock Rapids Replacement. ML 2019, 1st SS, Ch. 4, Art. 2, Sec. 2, Subd. 8 (c)		(2,768)		
100	1 Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum	849	-	849
101	2 COVID-19 Effects on Wastewater Treatment	U of MN	699	-	699
102	3 Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	320		
103	4 Lawns to Legumes	BWSR	900	-	900
104	<i>*all values in thousands of \$</i>		AMOUNT AVAILABLE	-	61,387
105			Difference	-	-