

# Environment and Natural Resources Trust Fund FY 2021

## HF 1076 DE 2 Article 2

	Project	Agency/Grantee	HF 30 2E			HF 1076 DE 2 Article 2			change from HF 30 2E
			Year			Year			
			FY2020	FY 2021	FY20-21	FY2020	FY 2021	FY20-21	
1	<b>Subdivision 3 Foundational Natural Resource Data and Information</b>								
2	a Geologic Atlases for Water Resource Management	U of MN	-	2,000	2,000	-	2,000	2,000	-
3	b Expanding Minnesota Ecological Monitoring Network	DNR	-	800	800	-	800	800	-
4	c County Groundwater Atlas	DNR	-	1,125	1,125	-	1,125	1,125	-
5	d Foundational Hydrology Data For Wetland Protection and Restoration	DNR	-	400	400	-	400	400	-
6	e Voyageurs Wolf Project - Phase II	U of MN	-	575	575	-	575	575	-
7	f Expanding Restoration and Promoting Awareness of Native Mussels	MN Zoo	-	489	489	-	489	489	-
8	g Improving Pollinator Conservation By Revealing Habitat Needs	U of MN	-	500	500	-	500	500	-
9	h Bee Minnesota - Protect Our Native Bumblebees	U of MN	-	650	650	-	650	650	-
10	i Bobcat and Fisher Habitat Use and Interactions	U of MN	-	400	400	-	400	400	-
11	j Healthy Prairies III: Restoring Minnesota Prairie Plant Diversity	U of MN	-	500	500	-	500	500	-
12	k Freshwater Sponges and AIS: Engaging Citizen Scientists	U of MN	-	400	400	-	400	400	-
13	l Do Beavers Buffer Against Droughts and Floods?	DNR-Voyageurs National Park	-	168	168	-	168	168	-
14	m Enhancing Bat Recovery By Optimizing Artificial Roost Structures	DNR	-	190	190	-	190	190	-
15	n Tools For Supporting Healthy Ecosystems and Pollinators	DNR	-	198	198	-	198	198	-
16	o Conserving Black Terns and Forster's Terns In Minnesota	U of MN- NRRI	-	198	198	-	198	198	-
17		<b>Subtotal</b>	-	<b>8,593</b>	<b>8,593</b>	-	<b>8,593</b>	<b>8,593</b>	-
18	<b>Subdivision 4 Water Resources</b>								
19	a Managing Highly Saline Waste From Municipal Water Treatment	U of MN	-	250	250	-	250	250	-
20	b Technology for Energy-Generating On-Site Industrial Wastewater Treatment	U of MN	-	450	450	-	450	450	-
21	c Microplastics: Transporters of Contaminants in Minnesota Waters	U of MN	-	425	425	-	425	425	-
22	d Developing Strategies to Manage PFAS in Land Applied Biosolids	PCA	-	1,404	1,404	-	1,404	1,404	-
23	e Quantifying New Urban Precipitation and Water Reality	U of MN	-	500	500	-	500	500	-
24	f Innovative Solution for Protecting Minnesota from PFAS Contamination	DNR-Dem-Con	-	250	250	-	250	250	-
25	g Expanding Protection of Minnesota Water Through Industrial Conservation	U of MN	-	178	178	-	178	178	-
26		<b>Subtotal</b>	-	<b>3,457</b>	<b>3,457</b>	-	<b>3,457</b>	<b>3,457</b>	-
27	<b>Subdivision 5 Technical Assistance, Outreach, and Environmental Education</b>								
28	a Statewide Environmental Education Via Public Television Outdoor Series	DNR-Pioneer Public Television	-	300	300	-	300	300	-
29	b Minnesota Freshwater Quest: Environmental Education on State Waterways	DNR-Wilderness Inquiry	-	500	500	-	500	500	-
30	c Teach Science: Schools as STEM Living Laboratories	DNR-Climate Generation	-	368	368	-	368	368	-
31	d Mentoring Next Generation of Conservation Professionals	DNR-MVNWRT	-	500	500	-	500	500	-
32	e Jay C. Hormel Nature Center Supplemental Teaching Staff	DNR-Austin	-	225	225	-	225	225	-
33	f 375 Underserved Youth Learn Minnesota Ecosystems by Canoe	DNR-YMCA	-	375	375	-	375	375	-
34	g YES! Students Take on Water Quality Challenge - Phase II	DNR-Prairie Woods ELC	-	199	199	-	199	199	-
35	h Engaging Minnesotans With Phenology: Radio, Podcasts, Citizen Science	DNR-Northern Community Radio	-	198	198	-	198	198	-
36	i Driving Conservation Behavior For Native Mussels and Water Quality	MN Zoo	-	191	191	-	191	191	-
37	j Workshops and Outreach to Protect Raptors from Lead Poisoning	U of MN Raptor Center	-	133	133	-	133	133	-
38		<b>Subtotal</b>	-	<b>2,989</b>	<b>2,989</b>	-	<b>2,989</b>	<b>2,989</b>	-
39	<b>Subdivision 6 Aquatic and Terrestrial Invasive Species</b>								
40	a Minnesota Invasive Terrestrial Plants and Pests Center (MITPPC)-Phase V	U of MN	-	5,000	5,000	-	5,000	5,000	-

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41	b Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	-	3,500	3,500	-	3,500	3,500	-	
42	c Biological Control of White-Nose Syndrome in Bats-Phase III	U of MN	-	440	440	-	440	440	-	
43	d Applying New Tools and Techniques Against Invasive Carp	DNR	-	478	478	-	478	478	-	
44	e Emerald Ash Borer and Black Ash: Maintaining Forests and Benefits	U of MN	-	700	700	-	700	700	-	
45	f Testing Effectiveness of Aquatic Invasive Species Removal Methods	U of MN-NRRI	-	110	110	-	110	110	-	
46	g Invasive <i>Didymosphenia</i> Threatens North Shore Streams	Science Museum	-	197	197	-	197	197	-	
47		<b>Subtotal</b>	-	<b>10,425</b>	<b>10,425</b>	-	<b>10,425</b>	<b>10,425</b>	-	
48	<b>Subdivision 7 Air Quality and Renewable Energy</b>									
49	a Storing Renewable Energy in Flow Batter For Grid Use	U of MN-Morris	-	250	250	-	250	250	-	
50	b Eco-Friendly Plastics from Cloquet Pulp-Mill Lignin	U of MN	-	193	193	-	193	193	-	
51	c Diverting Unsold Food From Landfills and Reducing Greenhouse Gases	DNR-Second Harvest Heartland	-	130	130	-	130	130	-	
52		<b>Subtotal</b>	-	<b>573</b>	<b>573</b>	-	<b>573</b>	<b>573</b>	-	
53	<b>Subdivision 8 Methods to Protect or Restore Land, Water, and Habitat</b>									
54	a Pollinator Central: Habitat Improvement With Citizen Monitoring	DNR-Great River Greening	-	750	750	-	750	750	-	
55	b Pollinator and Beneficial Insect Strategic Habitat Program	BWSR	-	750	750	-	750	750	-	
56	c Lignin-Coated Fertilizers For Phosphate Control	U of MN-NRRI	-	250	250	-	250	250	-	
57	d Implementing Hemp Crop Rotation to Improve Water Quality	MNSCU-Central Lakes College	-	700	700	-	700	700	-	
58	e Developing Cover-Crop Systems for Sugar Beet Production	U of MN	-	300	300	-	300	300	-	
59	f Native Eastern Larch Beetle Decimating Minnesota's Tamarack Forests	U of MN	-	398	398	-	398	398	-	
60	g Habitat Associations of Mississippi Bottomland Forest March Birds	DNR-Audubon	-	275	275	-	275	275	-	
61	h Peatland Restoration in the Lost River State Forest	DNR-Roseau River WD	-	135	135	-	135	135	-	
62	i Prescribed Burning for Brushland-Dependent Species-Phase II	U of MN	-	147	147	-	147	147	-	
63	j Pollinator Habitat Creation Along Urban Mississippi River	DNR-Friends of the Mississippi River	-	129	129	-	129	129	-	
64	k Increase Golden Shiner Production to Protect Aquatic Communities	U of MN-Sea Grant	-	188	188	-	188	188	-	
65	l Restoring Turf to Native Pollinator Gardens Across Metro	DNR-Wilderness in the City	-	197	197	-	197	197	-	
66		<b>Subtotal</b>	-	<b>4,219</b>	<b>4,219</b>	-	<b>4,219</b>	<b>4,219</b>	-	
67	<b>Subdivision 9 Land Acquisition, Habitat, and Recreation</b>									
68	a DNR Scientific and Natural Areas	DNR	-	3,000	3,000	-	3,000	3,000	-	
69	b Private Native Prairie Conservation Through Native Prairie Bank	DNR	-	2,000	2,000	-	2,000	2,000	-	
70	c Minnesota State Parks and Trails Inholdings	DNR	-	3,500	3,500	-	3,500	3,500	-	
71	d Grants for Local Parks, Trails, and Natural Areas	DNR	-	2,400	2,400	-	2,400	2,400	-	
72	e Mississippi River Aquatic Habitat Restoration and Mussel Reintroduction	DNR-Minneapolis Parks	-	1,800	1,800	-	1,800	1,800	-	
73	f Minnesota Hunter Walking Trails: Public Land Recreation	DNR-Ruffed Grouse Society	-	300	300	-	300	300	-	
74	g Turning Back to Rivers: Environmental and Recreational Protection	DNR-TPL	-	1,000	1,000	-	1,000	1,000	-	
75	h Metropolitan Regional Parks System Land Acquisition-Phase VI	Metropolitan Council	-	1,000	1,000	-	1,000	1,000	-	
76	i Minnesota State Trails Development	DNR	-	994	994	-	994	994	-	
77	j Elm Creek Restoration-Phase IV	DNR-Champlin	-	500	500	-	500	500	-	
78	k Superior Hiking Trail as Environmental Showcase	DNR-Superior Hiking Trail Association	-	450	450	-	450	450	-	
79	l Upper St. Anthony Falls Enhancements	DNR-Friends of the Locke and Dam	-	2,800	2,800	-	2,800	2,800	-	
80	m Whiskey Creek and Mississippi River Water Quality, Habitat, and Recreation	DNR-Mississippi Headwaters Board	-	500	500	-	500	500	-	
81	n Perham to Pelican Rapids Regional Trail (West Segment)	DNR-Otter Tail County	-	2,600	2,600	-	2,600	2,600	-	
82	o Crow Wing County Community Natural Area Acquisition	DNR-Crow Wing County	-	400	400	-	400	400	-	
83	p Rocori Trail-Phase III	DNR-Rocori Trails Construction Board	-	1,200	1,200	-	1,200	1,200	-	
84	q Mesabi Trail: New Trail and Additional Funding	DNR-St. Louis and Lake Counties RR Authority	-	1,000	1,000	-	1,000	1,000	-	

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85	r	Ranier Safe Harbor and Transient Dock on Rainy Lake	DNR-Ranier	-	762	762	-	762	762	-
86	s	Crane Lake Voyageurs National Park Campground and Visitor Center	DNR-Crane Lake	-	3,100	3,100	-	3,100	3,100	-
87	t	Chippewa County Acquisition, Recreation and Education	DNR-Chippewa County	-	160	160	-	160	160	-
88	u	Sportsmen's Training and Developmental Learning Center	DNR-MN Forest Zone Trappers Association	-	85	85	-	85	85	-
89	v	Birch Lake Recreation Area	DNR-Babbitt	-	350	350	-	350	350	-
90			<b>Subtotal</b>	-	<b>29,901</b>	<b>29,901</b>	-	<b>29,901</b>	<b>29,901</b>	-
91		<b>Subdivision 10 Emerging Issues Account</b>								
92		Wastewater Renewable Energy Demonstration Grants	PFA	-	1,095	1,095	-	1,095	1,095	-
93				-	<b>1,095</b>	<b>1,095</b>	-	<b>1,095</b>	<b>1,095</b>	-
94		<b>Subdivision 11 Contract Agreement Reimbursement</b>								
95	a	Contract Agreement Reimbursement	DNR	-	135	135	-	135	135	-
96			<b>Subtotal</b>	-	<b>135</b>	<b>135</b>	-	<b>135</b>	<b>135</b>	-
97			<b>TOTAL</b>	-	<b>61,387</b>	<b>61,387</b>	-	<b>61,387</b>	<b>61,387</b>	-
98		<b>Transfers</b>								
99		Sauk River Dam Removal and Rock Rapids Replacement. ML 2019, 1st SS, Ch. 4, Art. 2, Sec. 2, Subd. 8 (c)		(2,768)	-	-	(2,768)	-	-	-
100	1	Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum	849	-	849	849	-	849	-
101	2	COVID-19 Effects on Wastewater Treatment	U of MN	699	-	699	699	-	699	-
102	3	Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	320	-	-	320	-	-	-
103	4	Lawns to Legumes	BWSR	900	-	900	900	-	900	-
104		<i>*all values in thousands of \$</i>								
105										
					AMOUNT AVAILABLE					
					Difference					