

Environment and Natural Resources Trust Fund FY 2021
ML 2021, 1st SS, Ch. 6, Article 5

				Senate- SF 959 3E Article 3			House- SF 959 1UE Article 2			change from Senate		1st SS, Ch. 6, Art. 5		change from House		
House	Senate	WG	Project	Agency/Grantee	Year			Year				Year				
Subdivision 3 Foundational Natural Resource Data and Information					FY2020	FY 2021	FY20-21	FY2020	FY 2021	FY20-21		FY2020	FY 2021	FY20-21		
2	a	a	Geologic Atlases for Water Resource Management	U of MN	-	2,000	2,000	-	2,000	2,000	-	-	2,000	2,000	-	-
3	b	b	Expanding Minnesota Ecological Monitoring Network	DNR	-	800	800	-	800	800	-	-	800	800	-	-
4	c	c	County Groundwater Atlas	DNR	-	1,125	1,125	-	1,125	1,125	-	-	1,125	1,125	-	-
5	d	d	Foundational Hydrology Data For Wetland Protection and Restoration	DNR	-	400	400	-	400	400	-	-	400	400	-	-
6	e	e	Voyageurs Wolf Project - Phase II	U of MN	-	575	575	-	575	575	-	-	575	575	-	-
7	f	f	Expanding Restoration and Promoting Awareness of Native Mussels	MN Zoo	-	489	489	-	489	489	-	-	489	489	-	-
8	g	g	Improving Pollinator Conservation By Revealing Habitat Needs	U of MN	-	-	-	-	500	500	500	500	500	500	500	-
9	h	h	Bee Minnesota - Protect Our Native Bumblebees	U of MN	-	-	-	-	650	650	650	650	650	650	650	-
10	i	g	Bobcat and Fisher Habitat Use and Interactions	U of MN	-	400	400	-	400	400	-	-	400	400	-	-
11	j	h	Healthy Prairies III: Restoring Minnesota Prairie Plant Diversity	U of MN	-	500	500	-	500	500	-	-	500	500	-	-
12	k	i	Freshwater Sponges and AIS: Engaging Citizen Scientists	U of MN	-	400	400	-	400	400	-	-	400	400	-	-
13	l	j	Do Beavers Buffer Against Droughts and Floods?	DNR-Voyageurs National Park	-	168	168	-	168	168	-	-	168	168	-	-
14	m	k	Enhancing Bat Recovery By Optimizing Artificial Roost Structures	DNR	-	190	190	-	190	190	-	-	190	190	-	-
15	n	n	Tools For Supporting Healthy Ecosystems and Pollinators	DNR	-	-	-	-	198	198	198	198	198	198	198	-
16	o	l	Conserving Black Terns and Forster's Terns In Minnesota	U of MN- NRRI	-	198	198	-	198	198	-	-	198	198	-	-
17				Subtotal	-	7,245	7,245	-	8,593	8,593	1,348	-	8,593	8,593	1,348	-
Subdivision 4 Water Resources																
19			Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum	-	-	-	-	-	-	-	-	-	-	-	-
20	a	a	Managing Highly Saline Waste From Municipal Water Treatment	U of MN	-	250	250	-	250	250	-	-	250	250	-	-
21	b	b	Technology for Energy-Generating On-Site Industrial Wastewater Treatment	U of MN	-	450	450	-	450	450	-	-	450	450	-	-
22	c	c	Microplastics: Transporters of Contaminants in Minnesota Waters	U of MN	-	-	-	-	425	425	425	-	425	425	425	-
23	d	c	Developing Strategies to Manage PFAS in Land Applied Biosolids	PCA	-	1,034	1,034	-	1,404	1,404	370	-	1,404	1,404	370	-
24	e	d	Quantifying New Urban Precipitation and Water Reality	U of MN	-	500	500	-	500	500	-	-	500	500	-	-
25	f	e	Innovative Solution for Protecting Minnesota from PFAS Contamination	DNR-Dem-Con	-	250	250	-	250	250	-	-	250	250	-	-
26	g	f	Expanding Protection of Minnesota Water Through Industrial Conservation	U of MN	-	178	178	-	178	178	-	-	178	178	-	-
27				Subtotal	-	2,662	2,662	-	3,457	3,457	795	-	3,457	3,457	795	-
Subdivision 5 Technical Assistance, Outreach, and Environmental Education																
29	a	a	Statewide Environmental Education Via Public Television Outdoor Series	DNR-Pioneer Public Television	-	300	300	-	300	300	-	-	300	300	-	-
30	b	b	Minnesota Freshwater Quest: Environmental Education on State Waterways	DNR-Wilderness Inquiry	-	-	-	-	500	500	500	-	500	500	500	-
31	c	c	Teach Science: Schools as STEM Living Laboratories	DNR-Climate Generation	-	-	-	-	368	368	368	-	250	250	250	(118)
32	d	b	Mentoring Next Generation of Conservation Professionals	DNR-MVNWRT	-	500	500	-	500	500	-	-	500	500	-	-
33	e	c	Jay C. Hormel Nature Center Supplemental Teaching Staff	DNR-Austin	-	225	225	-	225	225	-	-	225	225	-	-
34	f	d	375 Underserved Youth Learn Minnesota Ecosystems by Canoe	DNR-YMCA	-	375	375	-	375	375	-	-	375	375	-	-
35	g	e	YES! Students Take on Water Quality Challenge - Phase II	DNR-Prairie Woods ELC	-	199	199	-	199	199	-	-	199	199	-	-
36	h	f	Engaging Minnesotans With Phenology: Radio, Podcasts, Citizen Science	DNR-Northern Community Radio	-	198	198	-	198	198	-	-	198	198	-	-
37	i	g	Driving Conservation Behavior For Native Mussels and Water Quality	MN Zoo	-	191	191	-	191	191	-	-	191	191	-	-
38	j	h	Workshops and Outreach to Protect Raptors from Lead Poisoning	U of MN Raptor Center	-	133	133	-	133	133	-	-	133	133	-	-
39				Subtotal	-	2,121	2,121	-	2,989	2,989	868	-	2,871	2,871	750	(118)
Subdivision 6 Aquatic and Terrestrial Invasive Species																
41	a	a	Minnesota Invasive Terrestrial Plants and Pests Center (MITPPC)-Phase V	U of MN	-	5,000	5,000	-	5,000	5,000	-	-	5,000	5,000	-	-
42	b	b	Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	-	3,500	3,500	-	3,500	3,500	-	-	3,500	3,500	-	-
43	c	c	Biological Control of White-Nose Syndrome in Bats-Phase III	U of MN	-	440	440	-	440	440	-	-	440	440	-	-
44	d	d	Applying New Tools and Techniques Against Invasive Carp	DNR	-	478	478	-	478	478	-	-	478	478	-	-
45	e	e	Emerald Ash Borer and Black Ash: Maintaining Forests and Benefits	U of MN	-	700	700	-	700	700	-	-	700	700	-	-
46	f	f	Testing Effectiveness of Aquatic Invasive Species Removal Methods	U of MN-NRRI	-	110	110	-	110	110	-	-	110	110	-	-
47	g	g	Invasive <i>Didymosphenia</i> Threatens North Shore Streams	Science Museum	-	197	197	-	197	197	-	-	197	197	-	-
48				Subtotal	-	10,425	10,425	-	10,425	10,425	-	-	10,425	10,425	-	-
Subdivision 7 Air Quality and Renewable Energy																
50	a	a	Storing Renewable Energy in Flow Batter For Grid Use	U of MN-Morris	-	250	250	-	250	250	-	-	250	250	-	-
51	b	b	Eco-Friendly Plastics from Cloquet Pulp-Mill Lignin	U of MN	-	193	193	-	193	193	-	-	193	193	-	-
52	c	c	Diverting Unsold Food From Landfills and Reducing Greenhouse Gases	DNR-Second Harvest Heartland	-	130	130	-	130	130	-	-	130	130	-	-
53				Subtotal	-	573	573	-	573	573	-	-	573	573	-	-
Subdivision 8 Methods to Protect or Restore Land, Water, and Habitat																
55	a	a	Pollinator Central: Habitat Improvement With Citizen Monitoring	DNR-Great River Greening	-	-	-	-	750	750	750	750	750	750	750	-
56	b	b	Pollinator and Beneficial Insect Strategic Habitat Program	BWSR	-	-	-	-	750	750	750	750	750	750	750	-
57	c	a	Lignin-Coated Fertilizers For Phosphate Control	U of MN-NRRI	-	250	250	-	250	250	-	-	250	250	-	-
58	d	b	Implementing Hemp Crop Rotation to Improve Water Quality	MNSCU-Central Lakes College	-	700	700	-	700	700	-	-	700	700	-	-

Environment and Natural Resources Trust Fund FY 2021
ML 2021, 1st SS, Ch. 6, Article 5

59	e	c	e	Developing Cover-Crop Systems for Sugar Beet Production	U of MN	-	300	300	-	300	300	-	-	300	300	-	-
60	f	d	f	Native Eastern Larch Beetle Decimating Minnesota's Tamarack Forests	U of MN	-	398	398	-	398	398	-	-	398	398	-	-
61	g	e	g	Habitat Associations of Mississippi Bottomland Forest March Birds	DNR-Audubon	-	275	275	-	275	275	-	-	275	275	-	-
62	h	f	h	Peatland Restoration in the Lost River State Forest	DNR-Roseau River WD	-	135	135	-	135	135	-	-	135	135	-	-
63	i	g	i	Prescribed Burning for Brushland-Dependent Species-Phase II	U of MN	-	147	147	-	147	147	-	-	147	147	-	-
64	j		j	Pollinator Habitat Creation Along Urban Mississippi River	DNR-Friends of the Mississippi River	-	-	-	-	129	129	129	-	129	129	129	-
65	k	h	k	Increase Golden Shiner Production to Protect Aquatic Communities	U of MN-Sea Grant	-	188	188	-	188	188	-	-	188	188	-	-
66	l		l	Restoring Turf to Native Pollinator Gardens Across Metro	DNR-Wilderness in the City	-	-	-	-	197	197	197	-	197	197	197	-
67			m	Lawns to Legumes	BWSR	-	-	-	-	-	-	-	-	118	118	118	118
68					Subtotal	-	2,393	2,393	-	4,219	4,219	1,826	-	4,337	4,337	1,944	118
69	Subdivision 9 Land Acquisition, Habitat, and Recreation																
70	a	a	a	DNR Scientific and Natural Areas	DNR	-	2,000	2,000	-	3,000	3,000	1,000	-	3,000	3,000	1,000	-
71	b	b	b	Private Native Prairie Conservation Through Native Prairie Bank	DNR	-	2,000	2,000	-	2,000	2,000	-	-	2,000	2,000	-	-
72	c	c	c	Minnesota State Parks and Trails Inholdings	DNR	-	6,000	6,000	-	3,500	3,500	(2,500)	-	3,500	3,500	(2,500)	-
73	d	d	d	Grants for Local Parks, Trails, and Natural Areas	DNR	-	2,400	2,400	-	2,400	2,400	-	-	2,400	2,400	-	-
74	e	e	e	Mississippi River Aquatic Habitat Restoration and Mussel Reintroduction	DNR-Minneapolis Parks	-	1,800	1,800	-	1,800	1,800	-	-	1,800	1,800	-	-
75	f	f	f	Minnesota Hunter Walking Trails: Public Land Recreation	DNR-Ruffed Grouse Society	-	300	300	-	300	300	-	-	300	300	-	-
76	g	g	g	Turning Back to Rivers: Environmental and Recreational Protection	DNR-TPL	-	1,000	1,000	-	1,000	1,000	-	-	1,000	1,000	-	-
77	h	h	h	Metropolitan Regional Parks System Land Acquisition-Phase VI	Metropolitan Council	-	1,000	1,000	-	1,000	1,000	-	-	1,000	1,000	-	-
78	i	i	i	Minnesota State Trails Development	DNR	-	994	994	-	994	994	-	-	994	994	-	-
79	j	j	j	Elm Creek Restoration-Phase IV	DNR-Champlin	-	500	500	-	500	500	-	-	500	500	-	-
80	k	k	k	Superior Hiking Trail as Environmental Showcase	DNR-Superior Hiking Trail Association	-	450	450	-	450	450	-	-	450	450	-	-
81	l	l	l	Upper St. Anthony Falls Enhancements	DNR-Friends of the Locke and Dam	-	2,800	2,800	-	2,800	2,800	-	-	2,800	2,800	-	-
82	m	m	m	Whiskey Creek and Mississippi River Water Quality, Habitat, and Recreation	DNR-Mississippi Headwaters Board	-	500	500	-	500	500	-	-	500	500	-	-
83	n	n	n	Perham to Pelican Rapids Regional Trail (West Segment)	DNR-Otter Tail County	-	2,600	2,600	-	2,600	2,600	-	-	2,600	2,600	-	-
84	o	o	o	Crow Wing County Community Natural Area Acquisition	DNR-Crow Wing County	-	400	400	-	400	400	-	-	400	400	-	-
85	p	p	p	Rocori Trail-Phase III	DNR-Rocori Trails Construction Board	-	1,200	1,200	-	1,200	1,200	-	-	1,200	1,200	-	-
86	q	q	q	Mesabi Trail: New Trail and Additional Funding	DNR-St. Louis and Lake Counties RR Authority	-	1,000	1,000	-	1,000	1,000	-	-	1,000	1,000	-	-
87	r	r	r	Ranier Safe Harbor and Transient Dock on Rainy Lake	DNR-Ranier	-	762	762	-	762	762	-	-	762	762	-	-
88	s	s	s	Crane Lake Voyageurs National Park Campground and Visitor Center	DNR-Crane Lake	-	3,100	3,100	-	3,100	3,100	-	-	3,100	3,100	-	-
89	t	t	t	Chippewa County Acquisition, Recreation and Education	DNR-Chippewa County	-	160	160	-	160	160	-	-	160	160	-	-
90	u	u	u	Sportsmen's Training and Developmental Learning Center	DNR-MN Forest Zone Trappers Association	-	85	85	-	85	85	-	-	85	85	-	-
91	v	v	v	Birch Lake Recreation Area	DNR-Babbitt	-	350	350	-	350	350	-	-	350	350	-	-
92					Subtotal	-	31,401	31,401	-	29,901	29,901	(1,500)	-	29,901	29,901	(1,500)	-
93	Subdivision 10 Emerging Issues Account (House)																
94	a	a	a	Wastewater Renewable Energy Demonstration Grants	LCC-PFA	-	-	-	-	1,095	1,095	1,095	-	1,095	1,095	1,095	-
95					Subtotal	-	-	-	-	1,095	1,095	1,095	-	1,095	1,095	1,095	-
96	Subdivision 10 Additional Projects (Senate)																
97	a			Mora Lake High Water Mitigation	DNR	-	200	200	-	-	-	(200)	-	-	-	(200)	-
98	b			Wastewater Pond Optimization	PCA	-	750	750	-	-	-	(750)	-	-	-	(750)	-
99	c			NRRI-Mineral and Water Research	U of MN-NRRI	-	750	750	-	-	-	(750)	-	-	-	(750)	-
100	d			Chloride Pollution Reduction	PCA	-	500	500	-	-	-	(500)	-	-	-	(500)	-
101	e			Water Volume, Quality and Storage Grants	BWSR	-	788	788	-	-	-	(788)	-	-	-	(788)	-
102	f			Blue Earth County Storm Water Management	DNR	-	14	14	-	-	-	(14)	-	-	-	(14)	-
103	g			Madelia Floodplain Modeling	DNR	-	105	105	-	-	-	(105)	-	-	-	(105)	-
104	h(1)			Waterville Flood Gauge	DNR	-	13	13	-	-	-	(13)	-	-	-	(13)	-
105	h(2)			Waterville Cannon River Dam Study	DNR	-	500	500	-	-	-	(500)	-	-	-	(500)	-
106	j			Storm Water Retention in Urban Areas	PCA	-	564	564	-	-	-	(564)	-	-	-	(564)	-
107	k			Water Storage and Quality Plan	BWSR	-	248	248	-	-	-	(248)	-	-	-	(248)	-
108					Subtotal	-	4,432	4,432	-	-	-	(4,432)	-	-	-	(4,432)	-
109	Subdivision 11 Contract Agreement Reimbursement																
110	a	a	a	Contract Agreement Reimbursement	DNR	-	135	135	-	135	135	-	-	135	135	-	-
111					Subtotal	-	135	135	-	135	135	-	-	135	135	-	-
112					TOTAL	-	61,387	61,387	-	61,387	61,387	-	-	61,387	61,387	-	-
113	Subdivision 20 Transfers																
114		a		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)	(2,768)	-	(2,768)	-	(2,768)	-	-	(2,768)	-
115	1		1	Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum	-	-	-	849	-	849	849	482	-	482	482	(367)
116			2	Wastewater Pond Optimization	PCA								700	-	700	700	700
117			3	NRRI-Mineral and Water Research	U of MN-NRRI								750	-	750	750	750
118			4	Chloride Pollution Reduction	PCA								500	-	500	500	500
119			5	Chronic Wasting Disease Prion Research in Soils	U of MN								336	-	336	336	336

ML 2021, 1st SS, Ch. 6, Article 5

120	4	b	Lawns to Legumes	BWSR	-	-	-	900	-	900	900	880	-	880	880	(20)
121		1	Minnesota Point Pine Forest and Scientific and Natural Area Acquisition. ML 2016, Ch. 186, Sec. 2, Subd. 9 (b)									(380)	-	(380)	(380)	(380)
122		2	Developing RNA Interference to Control Zebra Mussels. ML 2018, Ch. 214, Art. 4, Sec. 2, Subd. 6 (d)									(500)	-	(500)	(500)	(500)
123			Emerging Issues Account	LCC								284	-	284	284	284
124			Cancellation of Other Small Balances Identified by LCCMR Staff on 6-10-21									(284)	-	(284)	(284)	(284)
125		1	Water Volume, Quality and Storage Grants	BWSR	2,768	-	2,768	-	-	-	(2,768)	-	-	-	(2,768)	-
126	2		COVID-19 Effects on Wastewater Treatment	U of MN	-	-	-	699	-	699	699	-	-	-	-	(699)
127	3		Protect Community Forests by Managing Ash for Emerald Ash Borer	DNR	-	-	-	320	-	320	320	-	-	-	-	(320)
128			<i>*all values in thousands of \$</i>									-	61,387	61,387	-	-
129												-	-	-	-	-