

**SF 550 Environment and Natural Resources Trust Fund (ENRTF)
Conference Committee Recommendations**

	Title	Organization	Subd.	House			Subd.	Senate				Diff House	Subd.	Conference Proposal				Diff LCCMR	Diff House	Diff Senate
				FY2017	FY2018	FY17-18		FY2017	FY2018	FY2019	FY17-19			FY2017	FY2018	FY2019	FY17-19			
2	County Geologic Atlases - Continuation	U of MN - Geological	03a	3,700	-	3,700	03a	4,729	-	-	4,729	1,029	03a	2,000	-	-	2,000	(2,729)	(1,700)	(2,729)
3	Assessment of Public Benefits of Protecting Source Water	U of MN	03b	-	320	320	03b	-	320	-	320	-	03b	-	320	-	320	-	-	-
4	Preserving Minnesota Prairie Plant Diversity – Phase II	U of MN	03c	-	900	900	03c	-	900	-	900	-	03c	-	900	-	900	-	-	-
5	Minnesota Biological Survey - Continuation	MN DNR	03d	-	2,900	2,900	03d	-	2,900	-	2,900	-	03d	-	2,900	-	2,900	-	-	-
6	Minnesota Wildflowers Online Botanical Reference – Phase II	MN Wildflowers	03e	-	270	270	03e	-	270	-	270	-	03e	-	270	-	270	-	-	-
7	Assessment of Microbes for Improving Wild Rice Restoration	U of MN - Duluth NRRI		-	-	-	03f	-	334	-	334	334	03f	-	334	-	334	-	334	-
8	Drainage Records Modernization Cost Share - Phase II	BWSR	03f	-	540	540	03g	-	540	-	540	-	03g	-	540	-	540	-	-	-
9	Groundwater Contamination Mapping	MPCA	03g	-	400	400	03h	-	400	-	400	-	03h	-	400	-	400	-	-	-
10	Landslide Susceptibility, Mapping, and Management Tools	U of MN	03h	-	500	500	03i	-	500	-	500	-	03i	-	500	-	500	-	-	-
11	Moose Calf Surveys and Monitoring	U of MN	03i	-	348	348	03j	-	348	-	348	-	03j	-	348	-	348	-	-	-
12	Cedar Creek Natural Area Wolf Recolonization Assessment	U of MN	03j	-	398	398	03k	-	398	-	398	-	03k	-	398	-	398	-	-	-
13	Effects of Wolf Predation on Beaver, Moose, and Deer	Voyageurs National Park	03k	-	293	293	03l	-	293	-	293	-	03l	-	293	-	293	-	-	-
14	Mapping Taxonomy & Environmental Toxicology of MN Sponges	U of MN		-	-	-	03m	-	258	-	258	258	03m	-	258	-	258	-	258	-
15	Analyzing Climate Data to Aid Local Planning Implementation Efforts	U of MN		-	-	-		-	-	-	-	-		-	-	-	-	(411)	-	-
16	Pollinator Research & Outreach	U of MN		-	-	-	03n	-	411	89	500	500	03n	-	411	89	500	500	500	-
17	Foundational Natural Resource Data and Information Subtotal =			3,700	6,869	10,569		4,729	7,872	89	12,690	2,121		2,000	7,872	89	9,961	(2,640)	(608)	(2,729)
18	Subd. 04 Water Resources																			
19	Assessment of Household Chemicals & Herbicides in Rivers and Lakes	U of MN	04a	-	236	236	04a	-	236	-	236	-	04a	-	236	-	236	-	-	-
20	Wastewater Nitrogen Removal Technology to Protect Water Quality	U of MN	04b	-	450	450	04b	-	450	-	450	-	04b	-	450	-	450	-	-	-
21	Rearing Native Mussels & Expanding Water Quality Awareness	Minnesota Zoo		-	-	-	04c	-	591	-	591	591	04c	-	591	-	591	-	591	-
22	Water Quality Monitoring in Southeastern Minnesota Trout Streams	Winona State University	04c	-	500	500	04d	-	500	-	500	-	04d	-	500	-	500	-	-	-
23	Toxicity of Petrochemical Spills on Ground & Surface Waters	University of St. Thomas	04d	-	300	300	04e	-	300	-	300	-	04e	-	300	-	300	-	-	-
24	Assessment of Water Quality for Reuse	U of MN	04e	-	148	148	04f	-	148	-	148	-	04f	-	148	-	148	-	-	-
25	Identification of Chemicals of Emerging Concern in Minnesota Fish	Grand Portage Band of Lake	04f	-	400	400	04g	-	400	-	400	-	04g	-	400	-	400	-	-	-
26	Techniques for Water Storage Estimates in Central Minnesota	U of MN	04g	-	250	250	04h	-	250	-	250	-	04h	-	250	-	250	-	-	-
27	Assessing Release of Mercury and Sulfur on Aquatic Communities	U of MN	04h	-	300	300	04i	-	300	-	300	-	04i	-	300	-	300	-	-	-
28	Water Resources Subtotal =			-	2,584	2,584		-	3,175	-	3,175	591		-	3,175	-	3,175	-	591	-
29	Subd. 05 Environmental Education																			
30	Connecting Youth to MN Waterways through Outdoor Classrooms	Wilderness Inquiry	05a	-	1,200	1,200	05a	-	1,200	-	1,200	-	05a	-	1,200	-	1,200	-	-	-
31	Youth Convening Minnesota –Phase II	Climate Generation		-	-	-	05b	-	300	-	300	300		-	-	-	-	(300)	-	(300)
32	Increasing Diversity in Environmental Careers	MN DNR	05b	-	1,487	1,487	05c	-	1,487	-	1,487	-	05b	-	487	-	487	(1,000)	(1,000)	(1,000)
33	Interactive Water Resource Programs for Planetariums in Minnesota	U of MN - Bell Museum		-	-	-	05d	-	500	-	500	500	05c	-	500	-	500	-	500	-
34	Expanding Raptor Center Online Education	U of MN		-	-	-	05e	-	270	-	270	270	05d	-	270	-	270	-	270	-
35	Local Planning and Implementation Efforts for Bird Habitat	Audubon Minnesota		-	-	-	05f	-	280	-	280	280	05e	-	280	-	280	-	280	-
36	Developing Youth Watershed Stewardship in Northwest Minnesota	Headwaters Science		-	-	-	05g	-	121	-	121	121	05f	-	121	-	121	-	121	-
37	Increasing Residential Environmental Learning Center Opportunities	Audubon Center North	05c	-	130	130	05h	-	130	-	130	-	05g	-	130	-	130	-	-	-
38	Workshops and Outreach to Protect Raptors from Lead Poisoning	U of MN		-	-	-	05i	-	133	-	133	133		-	-	-	-	(133)	-	(133)
39	Environmental Education Subtotal =			-	2,817	2,817		-	4,421	-	4,421	1,604		-	2,988	-	2,988	(1,433)	171	(1,433)

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				FY2017	FY2018	FY17-18		FY2017	FY2018	FY2019	FY17-19			FY2017	FY2018	FY2019	FY17-19				
40	Subd. 06 Aquatic and Terrestrial Invasive Species																				
41	Aquatic Invasive Species Research Center - Phase II	U of MN	06a	2,700	-	2,700	06a	2,700	-	-	2,700	-	06a	2,700	-	-	2,700	-	-	-	
42	Emerald Ash Borer Biocontrol - Phase III	MN Dept of Agriculture	06b	-	729	729	06b	-	729	-	729	-	06b	-	729	-	729	-	-	-	
43	Invasive Bighead and Silver Carp and Native Fish Evaluation – Phase II	MN DNR	06c	-	500	500	06c	-	500	-	500	-	06c	-	500	-	500	-	-	-	
44	Adapting Stream Barriers to Remove Common Carp	U of MN	06d	-	301	301	06d	-	301	-	301	-	06d	-	301	-	301	-	-	-	
45	Tactical Invasive Plant Management Plan Development	MN Dept of Agriculture	06e	-	296	296	06e	-	296	-	296	-	06e	-	296	-	296	-	-	-	
46	Maximize Value of Water Impoundments to Wildlife	Audubon Minnesota	06f	-	195	195	06f	-	195	-	195	-	06f	-	195	-	195	-	-	-	
47	Aquatic and Terrestrial Invasive Species Subtotal =				2,700	2,021	4,721		2,700	2,021	-	4,721		2,700	2,021	-	4,721				
48	Subd. 07 Air Quality, Climate Change, and Renewable Energy																				
49	Solar Cells Manufacturing Research	U of MN		-	-	-	07a	-	388	-	388	388		-	-	-	-	(388)	-	(388)	
50	Community-Scale Energy Storage Guide for Renewable Energy	U of MN		-	-	-	07b	-	500	-	500	500		-	-	-	-	(500)	-	(500)	
51	Extraction of Solar Thermal Energy in Minnesota	U of MN		-	-	-	07c	-	250	-	250	250	07a	-	250	-	250	-	250	-	
52	Assessment of Urban Air Quality	MPCA	07a	-	700	700	07d	-	700	-	700	-	07b	-	700	-	700	-	-	-	
53	Generation, Storage, and Utilization of Solar Energy	U of MN - West Central Department		-	-	-	07e	-	500	-	500	500	07c	-	500	-	500	-	500	-	
54	District Heating with Renewable Biomass at Camp Ripley	Department of Military Energy & Center for	07b	-	1,000	1,000	07f	-	1,000	-	1,000	-	07d	-	1,000	-	1,000	-	-	-	
55	Geotargeted Distributed Clean Energy Initiative	U of MN		-	-	-	07g	-	800	-	800	800	07e	-	800	-	800	-	800	-	
56	Develop Solar-Powered Robots for Weed Control in Agricultural Fields	U of MN		-	-	-	07h	-	600	-	600	600		-	-	-	-	(600)	-	(600)	
57	Air Quality, Climate Change, and Renewable Energy Subtotal =				-	1,700	1,700		-	4,738	-	4,738		-	3,250	-	3,250	(1,488)	1,550	(1,488)	
58	Subd. 08 Methods to Protect or Restore Land, Water, and Habitat																				
59	Optimizing the Nutrition of Roadside Plants for Pollinators	U of MN	08a	-	815	815	08a	-	815	-	815	-	08a	-	815	-	815	-	-	-	
60	Promoting Conservation Biocontrol of Beneficial Insects	U of MN	08b	-	400	400	08b	-	400	-	400	-	08b	-	400	-	400	-	-	-	
61	Evaluating the Use of Bison to Restore and Preserve Savanna Habitat	U of MN - Cedar Creek	08c	-	388	388	08c	-	388	-	388	-	08c	-	388	-	388	-	-	-	
62	State Park Pollinator Habitat Restoration	MN DNR	08d	-	672	672	08d	-	672	-	672	-	08d	-	672	-	672	-	-	-	
63	Enhancing Spawning Habitat Restoration in Minnesota Lakes	U of MN - St. Anthony Falls	08e	-	294	294	08e	-	294	-	294	-	08e	-	294	-	294	-	-	-	
64	Prescribed-Fire Management for Roadside Prairies	MN Dept of Transportation	08f	-	345	345	08f	-	345	-	345	-	08f	-	345	-	345	-	-	-	
65	Minnesota Bee and Beneficial Species Habitat Restoration	Forever Inc	08g	-	732	732	08g	-	732	-	732	-	08g	-	732	-	732	-	-	-	
66	Mississippi and Vermillion Rivers Restoration - Phase X	Friends of the Mississippi	08h	-	213	213	08h	-	213	-	213	-	08h	-	213	-	213	-	-	-	
67	Community Stewardship to Restore Urban Natural Resources - Phase X	Great River Greening		-	-	-	08i	-	524	-	524	524	08i	-	524	-	524	-	524	-	
68	Economic Assessment of Precision Conservation and Agriculture	Pheasants Forever Inc	08i	-	400	400	08j	-	400	-	400	-	08j	-	400	-	400	-	-	-	
69	Mississippi River Habitat Restoration Planning at Halls Island	Minneapolis Park & Rec		-	-	-	08k	-	25	-	25	25		-	-	-	-	(25)	-	(25)	
70	CREP Outreach & Implementation	BWSR	08j	-	6,000	6,000	08l	-	1,000	5,000	6,000	-	08k	-	6,000	-	6,000	-	-	-	
71	CREP Easement Aquisition	BWSR	08k	1,029	17,380	18,409	08k	-	-	-	-	(18,409)	08l	2,729	5,771	5,000	13,500	13,500	(4,909)	13,500	
72	Riparian Protection Aid	Revenue					08l		5,000		5,000	5,000								(5,000)	
73	Methods to Protect or Restore Land, Water, and Habitat Subtotal =				1,029	27,639	28,668		-	10,808	5,000	15,808	(12,860)		2,729	16,554	5,000	24,283	13,475	(4,385)	8,475

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			Subd.	FY2017	FY2018	FY17-18	Subd.	FY2017	FY2018		FY2019	FY17-19	FY2017	FY2018				FY2019	FY17-19	
74	Subd. 09 Land Acquisition, Habitat, and Recreation																			
75	Metropolitan Regional Parks System Land Acquisition	Metropolitan Council		-	-	-	09a	-	1,500	-	1,500	1,500	09a	-	1,500	-	1,500	-		
76	Scientific & Natural Areas Acquisition and Restoration	MN DNR		-	-	-	09b	-	4,500	-	4,500	4,500	09b	-	2,500	-	2,500	(2,000)		
77	Minnesota State Parks and State Trails Land Acquisition	MN DNR		-	-	-	09c	-	1,500	-	1,500	1,500	09c	-	1,500	-	1,500	-		
78	Minneopa State Park Land Acquisition	MN DNR	09a	-	500	500		-	-	-	-	(500)		-	-	-	(500)	-		
79	Minnesota State Trails Acquisition, Development, and Enhancement	MN DNR	09b	999	39	1,038	09d	999	39	-	1,038	-	09d	999	39	-	1,038	-		
80	Native Prairie Stewardship and Prairie Bank Easement Acquisition	MN DNR		-	-	-	09e	-	3,500	-	3,500	3,500	09e	-	2,675	-	2,675	(825)		
81	Leech Lake Acquisition	Leech Lake Resource St. Louis & Lake Co. Reg	09c	-	1,500	1,500	09f	-	1,500	-	1,500	-	09f	-	1,500	-	1,500	-		
82	Mesabi Trail Development	City of Tower	09d	-	2,269	2,269	09g	-	2,269	-	2,269	-	09g	-	2,269	-	2,269	-		
83	Tower Trailhead Boat Landing and Habitat Improvement – Phase II	Town of Crane Lake	09e	-	600	600	09h	-	600	-	600	-	09h	-	600	-	600	-		
84	Voyageurs National Park Crane Lake Visitors Center		09f	-	950	950	09i	-	950	-	950	-	09i	-	950	-	950	-		
85	Land Acquisition, Habitat and Recreation Subtotal =			999	5,858	6,857		999	16,358	-	17,357	10,500		999	13,533	-	14,532	(2,825)	7,675	(2,825)
86	Subd. 10 Administration and Contract Agreement Reimbursement																			
87	Contract Agreement Reimbursement	MN DNR	10a	-	135	135	10a	-	135	-	135	-	10a	-	135	-	135	-	-	-
88	LCCMR Administration	LCCMR	10b	-	1,200	1,200	10b	-	1,200	-	1,200	-	10b	-	1,200	-	1,200	-	-	-
89	LCC Website	LCC	10c	-	5	5	10c	-	5	-	5	-	10c	-	5	-	5	5	-	-
90	Administration and Contract Agreement Reimbursement Subtotal =			-	1,340	1,340		-	1,340	-	1,340	-		-	1,340	-	1,340	5	-	-
91	Total \$ Recommending =			\$8,428	\$50,828	\$59,256		\$8,428	\$50,733	\$5,089	\$64,250	\$4,994		\$8,428	\$50,733	\$5,089	\$64,250	\$5,094	\$4,994	\$0
92																				
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