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2	A. Consent Agenda - work plans with no significant changes from LCCMR recommendation															
3	Direct	Board of Water and Soil Resources	2020-071	Pollinator and Beneficial Insect Strategic Habitat Program	Dan	Shaw	\$750,000				Yes	No	No	No	N/A	
4	Direct	LCCMR	2020-080	Emerging Issues Account; Wastewater Renewable Energy Demonstration Grants	Becca	Nash	\$1,095,000	No work plan needed at this time	Money appropriated under this subdivision must be used for grants in consultation with the Public Facilities Authority for renewable energy demonstration projects at wastewater treatment facilities.		No	No	No	No	N/A	
5	Direct	LCCMR	2020-090	Emerging Issues Account	Becca	Nash	\$284,000	No work plan needed at this time' Estimated amount \$284k			No	No	No	No	N/A	
6	Direct	Metropolitan Council	2020-072	Metropolitan Regional Parks System Land Acquisition- Phase 6	Jessica	Lee	\$1,000,000		This appropriation must be matched by at least 40 percent of nonstate money.		No	Yes	No	No	N/A	
7	Direct	Minnesota Pollution Control Agency	2020-013	Developing Strategies To Manage PFAS In Land-Applied Biosolids	Summer	Streets	\$1,404,000			Contract: SGS Axys Analytical Services, Ltd., \$300,000	No	No	No	No	Yes	
8	Direct	Minnesota State Colleges and Universities, Central Lakes College	2020-031	Implementing Hemp Crop Rotation To Improve Water Quality	Keith	Olander	\$700,000			Travel: Conference Registration Miles/Meals/Lodging, \$4,000	No	No	No	No	Yes	
9	Direct	Minnesota Zoological Society	2020-025	Expanding Restoration And Promoting Awareness Of Native Mussels	Seth	Stapleton	\$489,000				Yes	No	No	No	Yes	
10	Direct	Minnesota Zoological Society	2020-017	Driving Conservation Behavior For Mussels And Water Quality	Carol	Strecker	\$191,000				Yes	No	No	No	N/A	
11	Direct	MN DNR, Ecological and Water Resources Division	2020-064	Tools For Supporting Healthy Ecosystems And Pollinators	Jessica	Petersen	\$198,000			Expense: Direct and necessary costs to cover HR support (\$4,138), Safety	No	No	No	No	N/A	
12	Direct	MN DNR, Ecological and Water Resources Division	2020-009	County Groundwater Atlas	Paul	Putzier	\$1,125,000			Contract: University of Waterloo, \$66,000	Yes	No	No	No	N/A	
13	Direct	MN DNR, Ecological and Water Resources Division	2020-015	DNR Scientific and Natural Areas	Molly	Roske	\$3,000,000				Yes	Yes	No	No	N/A	
14	Direct	MN DNR, Ecological and Water Resources Division	2020-023	Expanding Minnesota Ecological Monitoring Network	Erika	Rowe	\$800,000	Include sites for metro and prairies		Expense: These funds are needed to pay other DNR personnel for things like HR	No	No	No	No	N/A	
15	Direct	MN DNR, Ecological and Water Resources Division	2020-053	Private Native Prairie Conservation through Native Prairie Bank	Judy	Schulte	\$2,000,000		Up to \$60,000 of this appropriation may be deposited in the natural resources conservation easement stewardship account, created in Minnesota Statutes, section 84.69, proportional to the number of easement acres acquired.	Expense: (~\$82,375 total) pay for activities that are directly related to and necessary for accomplishing appropriated programs/projects. Direct and necessary costs cover HR Support (~\$16,521), Safety Support (~\$2,990), Financial Support (~\$13,463), Communication Support (~\$5,551), IT Support (~\$39,297), and Planning Support (~\$4,553) that are necessary to accomplishing funded	Yes	No	Yes	No	N/A	
16	Direct	MN DNR, Ecological and Water Resources Division	2020-026	Foundational Hydrology Data For Wetland Protection And Restoration	Jennie	Skancke	\$400,000			Expense: Costs for activities that are directly related to and necessary for accomplishing appropriated projects. Direct and necessary costs cover HR Support (~\$3556), Safety Support (~\$644), Financial Support (~\$4,549), Communication Support (~\$1,388), IT Support (~\$8457), and Planning Support (~\$1,138) necessary to accomplish funded programs/projects., \$19,732	Yes	No	No	No	N/A	
17	Direct	MN DNR, Fish and Wildlife Division	2020-002	Applying New Tools And Techniques Against Invasive Carp	Brian	Nerbonne	\$478,000			Expenditure: Capital Expenditure, \$30,000	No	No	No	Yes	N/A	
18	Direct	MN DNR, Forestry Division	2020-054	Protect Community Forests By Managing Ash For EAB	Valerie	McClannahan	\$3,500,000				Yes	No	No	No	N/A	
19	Direct	MN DNR, Grants Unit	2020-008	Contract Agreement Reimbursement	Katherine	Sherman-Hoehn	\$135,000	Approval retroactive to 12/01/2020		Contract: OMBS Grants Unit, \$135,000	No	No	No	No	N/A	
20	Direct	MN DNR, State Parks and Trails Division	2020-044	Minnesota State Parks And State Trails Inholdings	Shelby	Kok	\$3,500,000				No	Yes	No	No	N/A	

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21	Direct	MN DNR, State Parks and Trails Division	2020-028	Grants for Local Parks, Trails, and Natural Areas	Audrey	Mularie	\$2,400,000		This appropriation is for local nature-based recreation, connections to regional and state natural areas, and recreation facilities and may not be used for athletic facilities such as sport fields, courts, and playgrounds.		Yes	Yes	No	Yes	N/A	
22	Direct	MN DNR, State Parks and Trails Division	2020-022	Enhancing Bat Recovery By Optimizing Artificial Roost Structures	Edward	Quinn	\$190,000				Yes	No	No	No	N/A	
23	Direct	MN DNR, State Parks and Trails Division	2020-045	Minnesota State Trails Development	Kent	Skaar	\$994,000				No	No	No	Yes	N/A	
24	Direct	Science Museum of Minnesota, St. Croix Watershed Research Station	2020-070	Unprecedented Change Threatens Minnesota's Pristine Lakes	Mark	Edlund	\$482,000				No	No	No	Yes	Yes	
25	Direct	Science Museum of Minnesota, St. Croix Watershed Research Station	2020-035	Invasive Didymosphenia Threatens North Shore Streams	Mark	Edlund	\$197,000				No	No	No	No	Yes	
26	Direct	U of MN, College of Biological Sciences	2020-032	Improving Pollinator Conservation By Revealing Habitat Needs	Colleen	Satyshur	\$500,000			Expenditure: Equipment, \$2,500 Expenditure: Tools and Supplies, \$8,000	No	No	No	No	N/A	
27	Direct	U of MN, College of Biological Sciences	2020-030	Healthy Prairies III: Restoring Minnesota's Prairie Plant Diversity	Ruth	Shaw	\$500,000			Expense: Send seeds collected by collaborators at outstate sites to UMN., \$200	No	No	No	No	N/A	
28	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	2020-047	Native Eastern Larch Beetle Decimating Minnesota's Tamarack Forests	Brian	Aukema	\$398,000			Expenditure: Equipment, \$1,300 Expenditure: Capital Expenditure, \$25,000	No	No	No	Yes	Yes	
29	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	2020-067	Voyageurs Wolf Project – Phase II	Joseph	Bump	\$575,000				No	No	No	Yes	Yes	
30	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	2020-012	Developing Cover Crop Systems For Sugarbeet Production	Anna	Cates	\$300,000			Contract: MN Agricultural Services, Dorian Gatchell, \$3,000 Travel: Conference Registration Miles/Meals/Lodging, \$3,000	No	No	No	No	Yes	
31	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	2020-052	Prescribed Burning For Brushland-dependent Species-Phase II	Rebecca	Montgomery	\$147,000				No	No	No	No	Yes	
32	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	2020-018	Eco-Friendly Plastics From Cloquet Pulp-Mill Lignin	Simo	Sarkanen	\$193,000			Contract: Arrow Laboratory Specialists, \$2,000	No	No	No	No	Yes	
33	Direct	U of MN, College of Pharmacy	2020-004	White Nose Bat Syndrome Biological Control: Phase 3	Christine	Salomon	\$440,000				No	No	No	No	Yes	
34	Direct	U of MN, College of Science and Engineering	2020-055	Quantifying New Urban Precipitation and Water Reality	Joe	Magner	\$500,000				No	No	No	Yes	Yes	
35	Direct	U of MN, College of Science and Engineering	2020-062	Technology For Energy-Generating Onsite Industrial Wastewater Treatment	Paige	Novak	\$450,000				No	No	No	No	N/A	
36	Direct	U of MN, College of Science and Engineering	2020-040	Microplastics: Transporters Of Contaminants In Minnesota Waters	Lee	Penn	\$425,000				No	No	No	No	Yes	
37	Direct	U of MN, College of Science and Engineering	2020-037	Managing Highly Saline Waste From Municipal Water Treatment	Natasha	Wright	\$250,000				No	No	No	No	Yes	
38	Direct	U of MN, College of Veterinary Medicine	2020-003	Bee Minnesota – Protect Our Native Bumblebees	Declan	Schroeder	\$650,000			Contract: Tallgrass Biologics, \$10,000	No	No	No	No	Yes	
39	Direct	U of MN, Crookston	2020-027	Freshwater Sponges And AIS: Engaging Citizen Scientists	Venugopal	Mukku	\$400,000			Expense: For sending prepaid collection kits to citizens and for sending samples for chemical and DNA analysis, \$2,500	No	No	No	No	Yes	
40	Direct	U of MN, Duluth - NRRI	2020-007	Conserving Black Terns And Forster's Terns In Minnesota	Annie	Bracey	\$198,000				No	No	No	No	Yes	
41	Direct	U of MN, Duluth - NRRI	2020-063	Testing Effectiveness of Aquatic Invasive Species Removal Methods	Valerie	Brady	\$110,000				No	No	No	No	Yes	
42	Direct	U of MN, Duluth - NRRI	2020-020	EAB And Black Ash: Maintaining Forests And Benefits	Alexis	Grinde	\$700,000				No	No	No	No	Yes	
43	Direct	U of MN, Duluth - NRRI	2020-005	Bobcat And Fisher Habitat Use And Interactions	Michael	Joyce	\$400,000				No	No	No	No	Yes	
44	Direct	U of MN, Duluth - NRRI	2020-077	Lignin-Coated Fertilizers for Phosphate Control	Eric	Singsaas	\$250,000				No	No	No	No	Yes	

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45	Direct	U of MN, Duluth - Sea Grant	2020-033	Increase Golden Shiner Production To Protect Aquatic Communities	Amy	Schrank	\$188,000		Production of shiners in this project must not take place in wetlands.	Contract: Lincoln Bait, \$25,000 Contract: Tye Fish Solutions, \$30,000	No	No	No	No	N/A	
46	Direct	U of MN, MITPPC	2020-043	Minnesota Invasive Terrestrial Plants And Pests Center, Phase5	Robert	Venette	\$5,000,000	Approve overall work plan contingent on MITPPC staff working with LCCMR staff to break-out individual research efforts for staff approval once individual efforts ready to get underway.			No	No	No	No	N/A	
47	Direct	U of MN, MN Geological Survey	2020-074	Geologic Atlases For Water Resource Management	Barbara	Lusardi	\$2,000,000				No	No	No	No	N/A	
48	Direct	U of MN, Morris	2020-073	Storing Renewable Energy In Flow-Battery For Grid Use	Bryan	Herrmann	\$250,000			Contract: USA Microgrids - an OATI Company, \$60,000	No	No	No	No	Yes	
49	Direct	U of MN, School of Public Health	2020-024	Expanding Protection Of Minnesota Water Through Industrial Conservation	Laura	Babcock	\$178,000				No	No	No	No	N/A	
50	Pass Through	Audubon Minnesota,	2020-029	Habitat Associations of Mississippi Bottomland Forest Marsh Birds	Rob	Schultz	\$275,000				No	No	No	No	Yes	
51	Pass Through	City of Austin	2020-036	Jay C. Hormel Nature Center Supplemental Teaching Staff	Luke	Reese	\$225,000				No	No	No	No	N/A	
52	Pass Through	City of Babbitt	2020-097	Birch Lake Recreation Area Campground	Cathy	Hoheisel	\$350,000				No	No	No	No	N/A	
53	Pass Through	City of Champlin	2020-019	Elm Creek Restoration - Phase IV	Todd	Tuominen	\$500,000			Contract: WSB Engineering, \$105,000	No	No	No	No	N/A	
54	Pass Through	Climate Generation: A Will Steger Legacy	2020-061	Teach Science: Schools as STEM Living Laboratories	Kristen	Poppleton	\$250,000				No	No	No	No	N/A	
55	Pass Through	Dem-Con	2020-034	Innovative Solution for Protecting Minnesota from PFAS Contamination	Bill	Keegan	\$250,000	Documentation of internal controls and financial status will need to be provided upon DNR or LCCMR request.		Expenditure: Capital Expenditure, \$250,000	No	No	No	Yes	N/A	
56	Pass Through	Friends of the Mississippi River	2020-051	Pollinator Habitat Creation Along The Urban Mississippi River	Lisa	Mueller	\$129,000				No	No	No	No	N/A	
57	Pass Through	Great River Greening	2020-050	Pollinator Central: Habitat Improvement with Citizen Monitoring	Rebecca	Tucker	\$750,000				No	No	No	No	N/A	
58	Pass Through	Minneapolis Parks and Recreation Board	2020-046	Mississippi River Aquatic Habitat Restoration And Mussel Reintroduction	Adam	Arvidson	\$1,800,000			Contract: Minnesota Department of Natural Resources, \$251,000	No	No	No	No	N/A	
59	Pass Through	Minnesota Valley National Wildlife Refuge Trust Inc,	2020-038	Mentoring the Next Generation of Conservation Professionals	Deborah	Loon	\$500,000				No	No	No	No	N/A	
60	Pass Through	Mississippi Headwaters Board	2020-068	Whiskey Creek & Mississippi River Water Quality/Habitat/Recreation	Tim	Terrill	\$500,000				No	Yes	No	No	N/A	
61	Pass Through	National Park Service, Voyageurs National Park	2020-016	Do Beavers Buffer Against Droughts And Floods?	Steve	Windels	\$168,000				No	No	No	No	Yes	
62	Pass Through	Northern Community Radio, Inc.	2020-021	Engaging Minnesotans With Phenology: Radio, Podcasts, Citizen Science	Maggie	Montgomery	\$198,000			Contract: This is Folly, \$4,000	No	No	No	No	N/A	
63	Pass Through	Otter Tail County	2020-049	Perham to Pelican Rapids Regional Trail (West Segment)	Matthew	Yavarow	\$2,600,000				No	No	No	No	N/A	
64	Pass Through	Pioneer Public Television	2020-059	Statewide Environmental Education Via Public Television Outdoor Series	Cindy	Dorn	\$300,000			Contract: Host Bret Amundson, \$52,000	No	No	No	No	N/A	
65	Pass Through	Prairie Woods Environmental Learning Center,	2020-069	Yes! Students Take On Water Quality Challenge II	Shelli-Kae	Foster	\$199,000				No	No	No	No	N/A	
66	Pass Through	Rocori Trail Construction Board,	2020-057	Rocori Trail - Phase III	Pete	Weber	\$1,200,000				No	No	No	No	N/A	
67	Pass Through	Roseau River Watershed District	2020-048	Peatland Restoration in the Lost River State Forest	Torin	McCormack	\$135,000				No	No	No	No	N/A	
68	Pass Through	Ruffed Grouse Society	2020-042	Minnesota Hunter Walking Trails, Public Land Recreational Access	Gary	Drotts	\$300,000			Contract: Gone Wild Enterprises, LLC, \$36,000	No	No	No	No	N/A	
69	Pass Through	Second Harvest Heartland,	2020-014	Diverting Unsold Food From Landfills, Reducing Greenhouse Gases	Julie	Vanhove	\$130,000				No	No	No	No	N/A	

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70	Pass Through	St. Louis & Lake Counties Regional Railroad Authority	2020-039	Mesabi Trail: New Trail and Additional Funding	Bill	Dahl	\$1,000,000		This appropriation may not be spent until all Mesabi Trail projects funded with trust fund appropriations before fiscal year 2020, with the exception of the project funded under Laws 2017, chapter 96, section 2, subdivision 9, paragraph (g), are completed.		No	No	No	Yes	N/A	
71	Pass Through	Superior Hiking Trail Association,	2020-060	Superior Hiking Trail As Environmental Showcase	Lisa	Luokkala	\$450,000				No	No	No	No	N/A	
72	Pass Through	The Trust for Public Land,	2020-065	Turning Back To Rivers: Environmental And Recreational Protection	DJ	Forbes	\$1,000,000				No	Yes	No	No	N/A	
73	Pass Through	Wilderness Inquiry,	2020-041	Minnesota Freshwater Quest: Environmental Education On State	Julie	Edmiston	\$500,000				No	No	No	No	N/A	
74	Pass Through	YMCA of the Greater Twin Cities	2020-001	375 Underserved Youth Learn Minnesota Ecosystems By Canoe	Beth	Becker	\$375,000				No	No	No	No	N/A	
75	<b>B. Work plans not currently ready for LCCMR approval due to various factors (Changes to proposed work plan, Legislative additions, Work plan not completed/ready for approval)</b>															
76	Direct	Board of Water and Soil Resources	2020-076	Lawns To Legumes Program Phase 2	Dan	Shaw	\$998,000		The board must establish criteria for grants or payments awarded under this section. Grants or payments awarded under this section may be made for up to 75 percent of the costs of the project, except that in areas identified by the United States Fish and Wildlife Service as areas where there is a high potential for rusty patched bumble bees to be present, grants may be awarded for up to 90 percent of the costs of the project.		Yes	No	No	No	N/A	--
77	Direct	Minnesota Pollution Control Agency	2020-086	Chloride Pollution Reduction	Brooke	Asleson	\$500,000		Of this amount, \$250,000 is for grants for upgrading, optimizing, or replacing water softener units. Priority for grants must be given to facilities needing improvements to comply with chloride water quality standards;		No	No	No	No	N/A	--
78	Direct	Minnesota Pollution Control Agency	2020-084	Wastewater Pond Optimization Implementation	Joel	Peck	\$700,000				No	No	No	Yes	N/A	--
79	Direct	U of MN, College of Veterinary Medicine	2020-087	CWD Prion Research in Soils	Tiffany	Wolf	\$336,000				No	No	No	No	N/A	--
80	Direct	U of MN, Duluth - NRRI	2020-085	Applied Research in State Mineral and Water Resources	George	Hudak	\$750,000		Of this amount, \$300,000 is to support demonstration of three sulfate reduction technologies for improved water quality, and \$450,000 is for continued characterization of Minnesota iron resources and for developing next-generation technologies and iron products. This research must be conducted in consultation with the Mineral Coordinating Committee established under Minnesota Statutes, section 93.0015;		No	No	No	No	N/A	--
81	Direct	U of MN, Raptor Center	2020-079	Workshops and Outreach to Protect Raptors from Lead Poisoning	Julia	Ponder	\$133,000				No	No	No	No	N/A	--
82	Pass Through	Chippewa County	2020-006	Chippewa County Acquisition, Recreation And Education	Scott	Williams	\$160,000				No	Yes	No	Yes	N/A	--

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83	Pass Through	City of Ranier,	2020-056	Ranier/Safe Harbor Transient Dock On Rainy Lake	Sherril	Gautreux	\$762,000				No	No	No	No	N/A	--
84	Pass Through	Crow Wing County	2020-011	Crow Wing County Community Natural Area Acquisition	Ryan	Simonson	\$400,000				No	Yes	No	No	N/A	--
85	Pass Through	Friends of the Falls,	2020-066	Upper St. Anthony Falls Enhancements	Kjersti	Monson	\$2,800,000		Of this amount, up to \$600,000 is for planning, design, and engagement. No funds from this appropriation may be spent until Congress directs the U.S. Army Corps of Engineers to convey an interest in the Upper St. Anthony Falls property to the city of Minneapolis for use as a visitor center. After this congressional act is signed into law, up to \$100,000 of the planning, design, and engagement funds may be spent. The remaining planning, design, and engagement funds may be spent after a binding agreement has been secured to acquire the land or access and use rights to the land for at least 25 years. Any remaining balance of the appropriation may be spent on installing enhancements after the Upper St. Anthony Falls land has been acquired by the city of Minneapolis.		No	Yes	No	Yes	N/A	--
86	Pass Through	Minnesota Forest Zone Trappers Association	2020-058	Sportsmen's Training And Developmental Learning Center	Ray	Sogard	\$85,000				No	No	No	No	N/A	--
87	Pass Through	Town of Crane Lake	2020-010	Crane Lake Voyageurs National Park Campground	Jim	Janssen	\$3,100,000				No	No	No	No	N/A	--
88	Pass Through	Wilderness in the City	2020-078	Restoring Turf to Native Pollinator Gardens Across Metro	Holly	Jenkins	\$197,000		A letter of commitment from the respective regional park implementing agency must be provided before money from this appropriation is spent at a regional park within the agency's jurisdiction.		No	No	No	No	N/A	--
89		<b>Total \$ Amount</b>					<b>\$65,319,000</b>									