

## Drinking Water - Water Resources ENRTF Appropriations Through LCCMR Process 2010-2018

Subd.	\$ Amount	Project Title	Organization	Project Manager	Status	Research
<b>2018 LCCMR Recommendations</b>						
03a	\$2,500,000	County Geologic Atlases - Part A (Continuation)	U of MN - MN Geological Survey	Dale Setterholm	To be completed: 06/30/2022	
03b	\$1,500,000	County Geologic Atlases - Part B - (Continuation)	DNR	Paul Putzier	To be completed: 06/30/2021	
03c	\$250,000	Providing Critical Water Quality Information for Lake Management	U of MN	Jeffrey Peterson	To be completed: 06/30/2021	
04e	\$425,000	Develop a Small and Inexpensive Community Drinking Water Purification System	U of MN	Tianhong Cui	To be completed: 06/30/2021	X
04f	\$325,000	Evaluate Emerging Pathogens in Lakes, Rivers, and Tap Water to Keep Drinking Water Safe	U of MN	Timothy LaPara	To be completed: 06/30/2021	X
04g	\$1,000,000	Characterize Unregulated Contaminants in Source Water and Drinking Water	Minnesota Department of Health	Stephen Robertson	To be completed: 06/30/2021	
04j	\$250,000	Using Perennial Grain Crops in Wellhead Protection Areas to Protect Groundwater	Minnesota Department of Agriculture	Margaret Wagner	To be completed: 06/30/2020	
<b>M.L. 2017 Chp. 96, Sec. 2</b>						
03a	\$2,000,000	County Geologic Atlases - Continuation	U of MN - MN Geological Survey	Dale Setterholm	To be completed: 06/30/2020	
03b	\$320,000	Assessment of Public Benefits of Protecting Source Water	U of MN	Bonnie Keeler	To be completed: 06/30/2020	
03h	\$400,000	Groundwater Contamination Mapping	Minnesota Pollution Control Agency	Hans Neve	To be completed: 06/30/2020	
04a	\$236,000	Assessment of Household Chemicals and Herbicides in Rivers and Lakes	U of MN	William Arnold	To be completed: 06/30/2019	X
04e	\$300,000	Reassessing Toxicity of Petroleum Spills on Groundwater and Surface Water	St. Thomas University	Dalma Martinovic-Weigelt	To be completed: 06/30/2021	X
04f	\$148,000	Assessment of Water Quality for Reuse	U of MN	Satoshi Ishii	To be completed: 06/30/2019	
<b>M.L. 2016, Chp. 186, Sec. 2</b>						
04f	\$299,000	Bacterial Assessment of Groundwater Supplies Used for Drinking Water	U of MN	Raymond Hozalski	To be completed: 06/30/2019	X
04h	\$433,000	Protection of State's Confined Drinking Water Aquifers - Phase II	US Geological Survey	Jared Trost	To be completed: 06/30/2019	X
04i	\$191,000	Membrane-Based Process for Decentralized Drinking Water Production	U of MN	Santiago RomeroVargas Castrillón	To be completed: 06/30/2019	X
04n	\$497,000	Understanding Impacts of Salt Usage on Minnesota Lakes, Rivers, and Groundwater	U of MN	John Gulliver	To be completed: 06/30/2019	X
04o	\$596,000	Microbes for Salt and Metal Removal	U of MN	Daniel Bond	To be completed: 06/30/2019	X
04q	\$198,000	Developing Biosponge Technology for Removal of Nitrates from Minnesota Waters	U of MN	Lawrence Wackett S	To be completed: 06/30/2019	

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Subd.	\$ Amount	Project Title	Organization	Project Manager	Status	Research
04t	\$500,000	Surface Water Bacterial Treatment System Pilot Project	Vadnais Lake Area Water Management Organization	Brian Corcoran M	To be completed: 06/30/2021	
08f	\$300,000	Forest Management for Mississippi River Drinking Water Protection	Crow Wing Soil and Water Conservation District	Melissa Barrick	To be completed: 06/30/2019	
09d	\$1,500,000	Lincoln Pipestone Rural Water System Acquisition for Wellhead Protection	Lincoln Pipestone Rural Water System	Jason Overby	To be completed: 06/30/2019	
<b>M.L. 2015, M.L. 2015, Chp. 76, Sec. 2</b>						
03a	\$2,040,000	County Geologic Atlases - Part A	U of MN - MN Geological Survey	Dale Setterholm	To be completed: 06/30/2018	
03b	\$2,000,000	County Geologic Atlases - Part B	MN DNR	Jim Berg	To be completed: 06/30/2018	
<b>M.L. 2014, Chp. 226, Sec. 2</b>						
03h	\$394,000	Protection of State's Confined Drinking Water Aquifers	U. S. Geological Survey	James Stark S	Completed: 06/30/2017	X
<b>M.L. 2013, Chp. 52, Sec. 2</b>						
03b	\$1,200,000	County Geologic Atlases - Part A	U of MN - MN Geological Survey	Dale Setterholm	Completed: 06/30/2016	
03c	\$1,200,000	County Geologic Atlas - Part B	MN DNR	Jan Falteisek	Completed: 06/30/2015	
<b>M.L. 2012, Chp. 264, Art.4, Sec. 3</b>						
<b>M.L. 2011, 1st Special Session, Chapter 2, Article 3, Section 2</b>						
03b1	\$1,200,000	County Geologic Atlases for Sustainable Water Management	U of MN - MN Geological Survey	Dale Setterholm	Completed: 06/30/2015	
03b2	\$600,000	County Geologic Atlases for Sustainable Water Management	MN DNR	Jan Falteisek	Completed: 06/30/2015	
<b>M.L. 2010, Chapter 362, Section 2</b>						
03a	\$1,130,000	County Geologic Atlases and Related Hydrogeologic Research	U of MN - MN Geological Survey	Dale Setterholm	Completed: 06/30/2014	X

Updated 11/21/2017