

**From:** BeckerKudelka, Angie (BWSR) <angie.beckerkudelka@state.mn.us>  
**Sent:** Wednesday, July 5, 2017 6:25 PM  
**To:** Susan Thornton  
**Cc:** Michael McDonough; Michael Varien; Haga, Celi (BWSR); Diana Griffith; Jaschke, John (BWSR)  
**Subject:** RE: BWSR responses to LCCMR member questions

Susan,

The estimated cost to administer the entire MN CREP comes entirely from the State’s match. Here is the dollar breakdown of proposed need for state funds:

Personnel	17,930,000
Equipment/Tools/Supplies	520,000
Prof/Tech/Serv Contracts	17,700,000
Acquisition (CREP Only)	90,400,000
Travel	280,000
Addt'l Budget (Stewardship)	23,170,000
total	\$150,000,000
Plus: State Not-federal eligible match*	Est \$ 25m

*\*The additional state resources estimated at 5% (\$25M) that are not eligible for federal match are to provide the state easement roundouts for water quality, habitat protection, and land management.*

The funding appropriations, by source, for this legislative session and total to date include:

Fund:	2017 Legis Session	Total To-date
Env. & Nat Resources Trust Fund (LCCMR)	\$ 6.0 m \$13.5 m	\$19.5 m
Clean Water Fund	\$16.25 m	\$46.0 m
Outdoor Heritage Fund	\$15.731m	\$40.791 m
Bonding	\$10.0 m	\$10.0m
<b>Total</b>	<b>\$61.481 m</b>	<b>\$116.291m</b>

How the state funds will be assigned to each of these sources evolves and depends on several factors, including actual applications, breakdown of application by practice, CRP rates (and changing rates), RIM rates (and changing rates), and eligibility per funding source (for example we cannot pay for wellhead protection with Outdoor Heritage Funds). If you are interested in the OHF accomplishment plans, we can share those with you. CWF and bonding do not use the same format or level of detail, but we can share our estimated spending plans with you once those are finalized.

-Angie

**Angie Becker Kudelka**

Assistant Director – Strategy and Operations | MN Board of Water and Soil Resources  
612-616-5112 | [angie.beckerkudelka@state.mn.us](mailto:angie.beckerkudelka@state.mn.us) | [www.bwsr.state.mn.us](http://www.bwsr.state.mn.us)

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**From:** Susan Thornton [<mailto:susan.thornton@lccmr.leg.mn>]

**Sent:** Wednesday, June 21, 2017 8:25 AM

**To:** Haga, Celi (BWSR) <[celi.haga@state.mn.us](mailto:celi.haga@state.mn.us)>

**Cc:** Michael McDonough <[michael.mcdonough@lccmr.leg.mn](mailto:michael.mcdonough@lccmr.leg.mn)>; Michael Varien <[Michael.Varien@lccmr.leg.mn](mailto:Michael.Varien@lccmr.leg.mn)>; Diana Griffith <[diana.griffith@lccmr.leg.mn](mailto:diana.griffith@lccmr.leg.mn)>; BeckerKudelka, Angie (BWSR) <[angie.beckerkudelka@state.mn.us](mailto:angie.beckerkudelka@state.mn.us)>; Jaschke, John (BWSR) <[john.jaschke@state.mn.us](mailto:john.jaschke@state.mn.us)>

**Subject:** RE: BWSR responses to LCCMR member questions

Celi,  
This was not the question. Please provide in dollars specific to how much is going to administer the program from the \$150 million needed.  
It should include all appropriations and proposed needs. This was quite clear I believe.  
Thank you,  
Susan

Susan Thornton  
Director, LCCMR  
651-296-6264  
Rm. 65 State Office Building  
100 Rev. Dr. Martin Luther King Jr. Blvd  
St. Paul, Mn 55155

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**From:** Haga, Celi (BWSR) [<mailto:celi.haga@state.mn.us>]

**Sent:** Wednesday, June 21, 2017 8:22 AM

**To:** Susan Thornton <[susan.thornton@lccmr.leg.mn](mailto:susan.thornton@lccmr.leg.mn)>

**Cc:** Michael McDonough <[michael.mcdonough@lccmr.leg.mn](mailto:michael.mcdonough@lccmr.leg.mn)>; Michael Varien <[Michael.Varien@lccmr.leg.mn](mailto:Michael.Varien@lccmr.leg.mn)>; Diana Griffith <[diana.griffith@lccmr.leg.mn](mailto:diana.griffith@lccmr.leg.mn)>; BeckerKudelka, Angie (BWSR) <[angie.beckerkudelka@state.mn.us](mailto:angie.beckerkudelka@state.mn.us)>; Jaschke, John (BWSR) <[john.jaschke@state.mn.us](mailto:john.jaschke@state.mn.us)>

**Subject:** BWSR responses to LCCMR member questions

Good morning, Susan:

Thank you for the opportunity to provide follow-up to LCCMR members who had questions about the CREP program. Responses follow.

*Members requested BWSR to provide a breakdown of the \$150 million dollar state match for administration, restoration, easement payments and other? Ms. Becker-Kudelka said they would provide a response.*

Using the LCCMR budget categories, the breakdown of the state costs eligible for federal match is:

State:

Personnel	3.9%
Prof/Tech/Serv Contracts	3.9%
Equipment/Tools/Supplies	0.1%
Acquisition	19.7%
Travel	0.1%
Addt'l Budget (Stewardship)	5.1%

Federal:

Other Funds (Acquisition)	67.3%
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(Plus additional state resources of up to \$25M that are not eligible for federal match to provide the state easement roundouts for water quality, habitat protection, and landowner management.)

As the above table highlights, the federal/state program matches allows for over 85% of the MN CREP investments to be directly applied to easement acquisition.

*Members asked BWSR to provide information on how the CREP easements will maintain and improve water quality. Mr. Jaschke said they will provide information using models and pollution reduction calculator to estimate benefits of past CREP easements.*

The Minnesota Conservation Reserve Enhancement Program (MN CREP) will restore and permanently protect 60,000 acres of land with willing landowners throughout the 54 County CREP area. Land-use change will occur changing from annual planted cropland to perennial native vegetation and restored hydrology. Initial targets include –

28,000-30,000 acres of filter strips

25,000-27,000 acres of wetlands

3,000-5,000 acres of perennial vegetation for wellhead protection areas.

Changing the land cover of 60,000 acres of annual cropland to perennial vegetation will provide significant nitrogen, phosphorus and sediment pollution reductions. Using Unit Area Load (UAL) calculations based on data, model simulation and reference to existing research data, BWSR and Tetra Tech developed a model by land cover type for Total Phosphorus (TP), Total Nitrogen (TN) and Total Suspended Sediments (TSS). This model is also used by local SWCDs for estimating pollution reductions with their conservation programs.

Based on these calculations, annual pollution reductions after the 60,000 acre CREP is implemented are estimated at:

19,200 pounds of total phosphorus per year

1,400,000 pounds of total nitrogen per year

123,000 tons of sediment per year.

In addition to these reductions, there will be additional benefits relative to increased water filtering, restored hydrology, and additional habitat, food, and cover for game and non-game wildlife.

Please let us know if we can provide any additional assistance.

**Celi Haga**

Legislative Coordinator

*Minnesota Board of Water and Soil Resources*  
(c) 651-315-5082

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