

**Meeting Agenda**  
**Bois de Sioux and Mustinka Watersheds**  
**1W1P Steering Committee Meeting**  
**05/07/2020 at 9:00 am**  
**by conference call and screenshare**

<u>Member Organizations</u>	<u>Committee Representative</u>	<u>Designated Alternate</u>
Big Stone County	Danny Tuckett	Darren Wilke <b>[Absent]</b>
Big Stone SWCD	Joseph Otto	
Grant County	Greg Lillemon	
Grant SWCD	Jared House	
West Otter Tail SWCD	Brad Mergens	Ben Underhill
Otter Tail County	Kyle Westergard	
Stevens County	Bill Kleindl	
Stevens SWCD	Matt Solemsaas	
Traverse County	Lynn Siegel	Bruce Johnson <b>[Absent]</b>
Traverse SWCD	Sara Gronfeld	Bruce Johnson <b>[Absent]</b>
Wilkin County	Breanna Koval <b>[Absent]</b>	
Wilkin SWCD	Craig Lingen	Don Bajumpaa <b>[Absent]</b>
Bois de Sioux Watershed	Jamie Beyer	Linda Vavra

**CC:**

BWSR	Pete Waller
BWSR	Henry Van Offelen
HEI	Jeremiah Jazdziewski
HEI	Rachel Olm
Grant County	Reed Peterson
Moore Engineering	Chad Engels
Moore Engineering	Tara Ostendorf

**Call to Order:** The meeting was called to order at 9:00 am.

**Welcome and Updates:** The agenda was reviewed. Solemsaas made motion, seconded by Tuckett and carried unanimously, to approve the April 27, 2020 minutes. Lillemon made motion, seconded by House and carried unanimously, to approve the \$7,168.05 claim from Houston Engineering. Westergard made motion, seconded by Solemsaas and carried unanimously, to approve the \$35,678.18 claim from Houston Engineering. Olm presented the Financial Report. We are moving into the internal review phase. We have used our full 10 conference call budget, but due to the pandemic, we have unused funds budgeted under in-person meetings. The amount remaining would fund approximately 7 conference calls, if needed.

**Plan Implementation and Draft Section 4:** The purpose of the meeting was to follow-up with last meeting's homework:

- 1) Identify our top priorities for the Bois de Sioux and Mustinka River Watersheds as a whole.
- 2) For each of the goals, with the exception of groundwater protection, refine high-medium-low priority planning regions.
- 3) Decide how to appropriate funds between the five planning regions with reasons that can be stated clearly in our plan.

Of the group's twelve goals, partners recommended top priorities (some are based on the organization's own jurisdiction and some are based on a wider perspective):

- Big Stone County: Nutrient Loading
- Big Stone County SWCD: Nutrient Loading and Sediment
- Grant County: Stormwater Management and Altered Hydrology and Flooding
- Grant County SWCD: Altered Hydrology and Sediment and Soil Health
- Stevens County: Sediment and Altered Hydrology
- Stevens County SWCD: Altered Hydrology and Ditch System Instability
- Traverse County: Flooding
- Traverse County SWCD: Sediment and Soil Health and Nutrient Loading
- West Otter Tail County & SWCD: Nutrient Loading and Unstable Channels
- Wilkin County SWCD: Sediment and Soil Health
- Bois de Sioux Watershed: Sediment for CWF activities and Flooding for non-CWF activities

Based on the responses, Ostendorf recommended that sediment and soil health be used as overarching themes for this plan. Olm asked if committee members would want to target specific sediment areas where actions would be focused.

Committee members reviewed the plan's twelve goals (divided into CWF-eligible and not CWF-eligible), with corresponding prioritized planning regions:

Goal		LAKE TRAVERSE	BABBIT	LOWER MUSTINKA	UPPER MUSTINKA	12-MILE CREEK
All High	Sediment	Loading to Surface Water	High	High	High	High
		Loss and Degredation Lake Habitat	Medium	Low	Medium	High
		Loss and Degredation Riparian Habitat	Low	Medium	Low	High
Nutrient Loading	Loading to Surface Water	High	Medium	Medium	High	High
	Altered Hydrology	High	High	High	High	High
All High	Altered Hydrology	High	High	High	High	High
All High	Loss and Degredation of Wetland Habitat	High	High	High	High	High
	Loss and Degredation of Upland Habitat	Low	Medium	Low	High	High
	Unstable Channels	High	Medium	High	Medium	Medium
All High	Bacteria Loading	High	High	High	High	High
All High	Soil Health	High	High	High	High	High
All High	Public Flooding	High	High	High	High	High
All High	Private Flooding	High	High	High	High	High
All High	Stormwater Management	Low	Medium	Low	Medium	Medium
	Public Ditch Instability	High	High	High	High	High
	Public Ditch Inadequacy	High	High	High	High	High
	Vulnerable Groundwater	Groundwater Protection	Private Wells			

Ostendorf asked the committee if the bulk of the Scenario 2 funds were going to be spent in the Upper Mustinka and Twelvemile Creek Planning Regions, as this is what our planning region priorities reflect.

Committee members expressed concern that there are too many "High" priority planning regions, and refined the list further, using these focus categories:

High	We must absolutely do this
Medium	We will do some of this
Low	Need more data or if there is excess money, or this is addressed through an ordinance

Goal		LAKE TRAVERSE	BABBIT	LOWER MUSTINKA	UPPER MUSTINKA	12-MILE CREEK
LEAVE	Sediment	Loading to Surface Water	High	High	High	High
		Loss and Degredation Lake Habitat	Medium	Low	Medium	High
		Loss and Degredation Riparian Habitat	Low	Medium	Low	High
Nutrient Loading	Loading to Surface Water	High	Medium	Medium	Medium	High
	Altered Hydrology	High	High	High	High	High
	Loss and Degredation of Wetland Habitat	Medium	Medium	Medium	High	High
	Loss and Degredation of Upland Habitat	Low	Medium	Low	Medium	Medium
	Unstable Channels	High	Medium	High	Medium	Medium
	Bacteria Loading	High	Medium	Medium	Low	Low
LEAVE	Soil Health	High	High	High	High	High
	Public Flooding	High	High	High	Medium	Medium
	Private Flooding	High	High	High	Medium	Medium
	Stormwater Management	Low	Medium	Low	Medium	Medium
	Public Ditch Instability	High	High	High	Low	High
	Public Ditch Inadequacy	High	High	High	Low	High
	Vulnerable Groundwater	Groundwater Protection	Private Wells			

Lillemon requested that we add the Niemackl Chain as a priority resource needing protection in the (Twelvemile Creek planning region) in the plan under the Altered Hydrology – Loss and Degredation of Upland Habitat goal.

Based on the High-Medium-Low focuses, the plan’s top priorities are:

- Sediment Loading to Surface Water & Soil Health
- Altered Hydrologic Conditions
- Public Ditch System Inadequacy & Instability
- Private & Public Flooding

Engels asked that we add Judicial Ditch #14 as a resource priority for the Ditch Instability goal (and remove JD #11 because we will be done with this ditch system before the plan is published). Beyer asked the group to reconsider the Twelve Mile Creek Planning Region – do we have the ratings correct; are there too many high priorities?

**HOMEWORK AND AGENDA FOR THE NEXT MEETING:**

Review the high and medium priorities for each planning region, and compare these priorities to the actions and CIP’s planned. Please also consider the spreadsheet that Rachel provided - a comparison of which are the “biggest bang for the buck” when it comes to the cost of sediment and phosphorous removal. Rachel is going to provide another table to more easily accomplish this exercise for our 5/14 meeting, when we will discuss.

1. Do the actions and CIP’s address the priorities, or do we need revisions? If revisions are needed, please recommend changes to the distribution of funding (by %) for the actions table.
2. What should the split be between projects and practices actions and CIP for the planning region?

Goals - (in H-M-L Order)		LAKE TRAVERSE
Sediment	Loading to Surface Water	High
Nutrient Loading	Loading to Surface Water	High
Unstable Channels	Unstable River and Stream Channels	High
Soil Health	Improve Ag Land	High
Bacteria Loading	Loading to Surface Water	Medium
Sediment	Loss and Degredation Lake Habitat	Medium
Altered Hydrology	Altered Hydrologic Conditions	Medium
Altered Hydrology	Loss and Degredation of Wetland Habitat	Medium
Altered Hydrology	Loss and Degredation of Upland Habitat	Low
Sediment	Loss and Degredation Riparian Habitat	Low
Public Flooding	Flood Damage to Communities and Public Infrastructure	High
Private Flooding		High
Public Ditch System Instability		High
Public Ditch System Inadequacy		High
Vulnerable Groundwater	Groundwater Protection	Private Wells
Stormwater Management	Lack of Stormwater Management	Low

Goals - (in H-M-L Order)		RABBIT
Sediment	Loading to Surface Water	High
Altered Hydrology	Altered Hydrologic Conditions	High
Soil Health	Improve Ag Land	High
Sediment	Loss and Degredation Riparian Habitat	Medium
Nutrient Loading	Loading to Surface Water	Medium
Altered Hydrology	Loss and Degredation of Wetland Habitat	Medium
Altered Hydrology	Loss and Degredation of Upland Habitat	Medium
Unstable Channels	Unstable River and Stream Channels	Medium
Bacteria Loading	Loading to Surface Water	Medium
Sediment	Loss and Degredation Lake Habitat	Low
Public Flooding	Flood Damage to Communities and Public Infrastructure	High
Private Flooding		High
Public Ditch System Instability		High
Public Ditch System Inadequacy		High
Vulnerable Groundwater	Groundwater Protection	Private Wells
Stormwater Management	Lack of Stormwater Management	Medium

Goals - (in H-M-L Order)		LOWER MUSTINKA
Sediment	Loading to Surface Water	High
Altered Hydrology	Altered Hydrologic Conditions	High
Unstable Channels	Unstable River and Stream Channels	High
Soil Health	Improve Ag Land	High
Sediment	Loss and Degredation Lake Habitat	Medium
Nutrient Loading	Loading to Surface Water	Medium
Altered Hydrology	Loss and Degredation of Wetland Habitat	Medium
Bacteria Loading	Loading to Surface Water	Medium
Altered Hydrology	Loss and Degredation of Upland Habitat	Low
Sediment	Loss and Degredation Riparian Habitat	Low
Public Flooding	Flood Damage to Communities and Public Infrastructure	High
Private Flooding		High
Public Ditch System Instability		High
Public Ditch System Inadequacy		High
Vulnerable Groundwater	Groundwater Protection	Private Wells
Stormwater Management	Lack of Stormwater Management	Low

Goals - (in H-M-L Order)		UPPER MUSTINKA
Sediment	Loading to Surface Water	High
Sediment	Loss and Degredation Lake Habitat	High
Sediment	Loss and Degredation Riparian Habitat	High
Altered Hydrology	Altered Hydrologic Conditions	High
Altered Hydrology	Loss and Degredation of Wetland Habitat	High
Soil Health	Improve Ag Land	High
Nutrient Loading	Loading to Surface Water	Medium
Altered Hydrology	Loss and Degredation of Upland Habitat	Medium
Unstable Channels	Unstable River and Stream Channels	Medium
Bacteria Loading	Loading to Surface Water	Low
Vulnerable Groundwater	Groundwater Protection	Private Wells
Public Flooding	Flood Damage to Communities and Public Infrastructure	Medium
Private Flooding		Medium
Stormwater Management	Lack of Stormwater Management	Medium
Public Ditch System Instability		Low
Public Ditch System Inadequacy		Low

Goals - (in H-M-L Order)		12-MILE CREEK
Sediment	Loading to Surface Water	High
Sediment	Loss and Degredation Lake Habitat	High
Sediment	Loss and Degredation Riparian Habitat	High
Nutrient Loading	Loading to Surface Water	High
Altered Hydrology	Altered Hydrologic Conditions	High
Altered Hydrology	Loss and Degredation of Wetland Habitat	High
Soil Health	Improve Ag Land	High
Altered Hydrology	Loss and Degredation of Upland Habitat	Medium
Unstable Channels	Unstable River and Stream Channels	Medium
Bacteria Loading	Loading to Surface Water	Low
Public Ditch System Instability		High
Public Ditch System Inadequacy		High
Vulnerable Groundwater	Groundwater Protection	Private Wells
Public Flooding	Flood Damage to Communities and Public Infrastructure	Medium
Private Flooding		Medium
Stormwater Management	Lack of Stormwater Management	Medium

**NEXT MEETING DATE: MAY 14<sup>TH</sup>, 9 AM – 11 AM**

DRAFT