

Meeting Agenda
Bois de Sioux and Mustinka Watersheds
1W1P Steering Committee Meeting
9/5/19 at 9:00 am

<u>Member Organizations</u>	<u>Committee Representative</u>	<u>Designated Alternate</u>
Big Stone County	Danny Tuckett	Darren Wilke [Absent]
Big Stone SWCD	Adam Maleski [Absent]	Joseph Otto [Absent]
Grant County	Greg Lillemon	
Grant SWCD	Joe Montonye	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 [Absent]
Traverse SWCD	Sara Gronfeld	Bruce Johnson [Absent]
Wilkin County	Breanna Koval [Absent]	
Wilkin SWCD	Craig Lingen	Don Bajumpaa [Absent]
Bois de Sioux Watershed	Jamie Beyer	Linda Vavra

CC:

BWSR	Pete Waller
BWSR	Henry Van Offelen [online]
HEI	Kris Guentzel
HEI	Rachel Ohm
Grant County	Reed Peterson
Moore Engineering	Chad Engels

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

Approve Minutes and Recommend Payment for HEI Claim: Upon motion by Solemsaas, seconded by Siegel and carried unanimously, the Minutes of August 1, 2019 were approved. Upon motion by Gronfeld, seconded by Montonye and carried unanimously, payment to HEI in the amount of \$14,719.68 was recommended to the Policy Committee for payment.

Summer Bus Tour: Committee members enjoyed the bus tour, specifically the local narratives that were given; several had not visited the North Ottawa Impoundment before.

Plan Section 2: HEI is waiting for ditch and stream instability information. Committee members recommended that a map be brought to the next meeting, so committee members could highlight trouble spots. Watershed staff estimate that 80% or more of the 500+ miles of drainage ditches are in need of repair or improvement.

Additional Analyses: Altered Hydrology and Surface Water Protection / Restoration Classifications: Altered hydrology has led to a need for storage in both watersheds, due to trending higher stream flows. Some of the analyses' findings: runoff peaks are higher and are happening earlier in the year; there is an

increase in volume in streams and rivers; base flows have increased (in the past, they would have suffered from low flow or from going completely dry). Westergard noted that the analyses does not project or take into account future conditions, it only addresses present conditions. Engels stated that a storage goal for altered hydrology is not the same as a storage goal for flooding. HEI encouraged the group to consider for prioritization waterbodies that are considered “threatened impairment risk” and “low restoration effort.” Beyer voiced concerns that WRAPS information and TMDL classifications be used to limit priorities, because only a fraction of waterbodies have been assessed.

Measureable Goals: Percent reductions were included, but are complete guesses. HEI will add final numbers (tons, etc), and then committee members should review these numbers when they are provided, to evaluate whether the short- and long-term goals are realistic or achievable. PTMapp will be used to recommend site to achieve the measureable goals, but professional judgement can be used to select different sites. PTMapp is based on the Russell Equation, which does not estimate bank and gully erosion – for this, we need to use HSPF modeling. Calculating sediment contributions as a yield per acre is important – otherwise larger planning regions may look like they are automatically larger sediment contributors. Current goals assume that streams and rivers are 100% unstable. Committee members recommended that a map be brought to the next meeting, so committee members could highlight trouble spots. Committee members recommended that a definition of “stability” be included, as an unstable stream reach could be the result of erosion or siltation. Lemickson has provided some discussion by email on how soil health should be determined, and committee members discussed whether it is management or structural. Montonye requested that wording be changed to “Soil Health Systems.” PTMapp does not project wind erosion.

Implementation Scenario: Was not discussed.

NEXT STEERING COMMITTEE MEETING: OCTOBER 3RD