

Start Up Committee for Root River One Watershed One Plan

Agenda

Thursday, November 20, 2014, 1:00 PM

Fillmore County Office Building, Rm 108, 902 Houston Street, NW, Preston

1. Facilitator for the Day - Jennifer

2. Presentation of the PTMApp - Houston Engineering, Inc., Mark Deutschman

The International Water Institute (IWI) on behalf of the Red River Watershed Management Board, received a 2014 Clean Water Fund Accelerated Implementation Grant from the Board of Water and Soil Resources (BWSR) for the development of the Prioritization, Targeting and Measuring Water Quality Improvement Application (PTMApp) (referred to as “the Project”). The stated purpose of the Project is to leverage the geospatial data created by the IWI during the completion of their 2012 Accelerated Implementation Grant by developing, testing and deploying an operational application for prioritizing subwatersheds and targeting fields for the implementation of nonpoint source Best Management Practices (BMPs) based on water quality. The PTMApp is also being developed, in part, to measure the effectiveness of BMPs in reducing nutrient and sediment loads. Although the application is being developed for pilot areas, the BWSR is to develop a flexible application applicable for statewide use. The 2012 version of the tool can be found at: <http://www.rrbdin.org/wqdsa-welcome> (called the Water Quality Decision Support Tool). This is being modified to better meet the needs of One Watershed, One Plan.

3. Presentation of the Zonation Tool - MNDNR, Kristin Carlson

As threats to Minnesota’s watersheds continue to mount, it is becoming increasingly important to identify and conserve high-priority areas to produce multiple benefits. One of the most common approaches for conservation prioritization is value-based models. Value-based models use a compilation of individual criteria of valuable landscape features (heterogeneous content) and aggregated criteria (context and connections) with an objective function to prioritize places within the landscape for conservation. The Minnesota Dept. of Natural Resources used a value-based model prioritization approach that is based on fundamental conservation principles, and includes biology, hydrology, water quality, geomorphology, and connectivity components to identify where in the watershed specific good management practices should be applied. Feature-specific weights used in these models should reflect social valuation.

4. Discuss meeting w/MPCA, models, tools & available resources - Jennifer, Shelia, Steve and PCA staff

5. Quick update on RFP process - Jennifer/Donna

6. Quick updates on MOA status from each county – All

7. Review of studies and data compilation already available. Please send your information to Donna by Nov. 19th to be included in the list.

8. Next meeting, facilitator(s), agenda items

Directions to the Fillmore County Office Building: From Hwy 52/16 in Preston, turn north on County Road 17 towards Isinours Forestry Unit and the Old Barn Resort. Drive 2 blocks to Farmer Street (the last street before going out of town) and turn left. The County Office Building is the only building on the block on the right. Park in the lower parking lot on the east side of the building and enter by the lower level door. Room 108 is down the hall and to the left. For the Planning Work Group, the Fillmore County Office Building is just south of the DNR Conservation Building where the Work Group has been meeting.