

**Grant Award: \$115,248**

**Total Project Budget: \$115,248**

**Progress as of October 2018:**

Fund Type	Spent
Grant	\$115,248
Match*	\$28,812
<b>Total</b>	<b>\$131,550</b>

\*Includes minimum 25% local match  
PDTRA is using Joint Powers Board meeting time/mileage, federal watershed load assessment funding, and promotion of the PTMApp through federal outreach and education funds as match.

**Grant Period:**

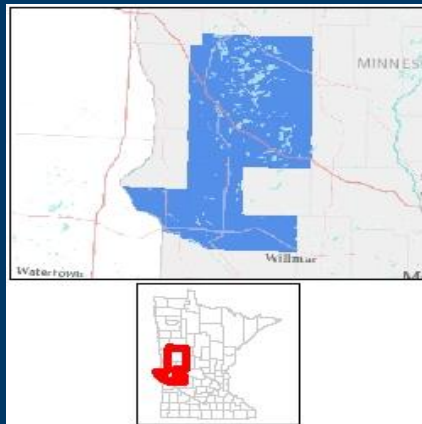
February 2016 - December 2018

**Targeted Water:**

Pomme de Terre Watershed

**Project Sponsor:**

Pomme de Terre River Association JPB



**Project Contact:**

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## Project Narrative

To further efforts in strategically working to achieve our reduction goals, listed in our Major Watershed Restoration and Protection Strategies Report and Turbidity Total Maximum Daily Load report, we will further define our Priority Management Zones through the development of a hydrological conditioned Digital Elevation Model. Once created, this GIS layer will be integrated into the PTMApp and will aid in the targeting of BMP applicability at the field scale within our sub-watersheds for total suspended solids and phosphorous reduction practices. Through PTMApp modeling, pollution reductions will be estimated not at the practice site, but at the resource of concern and will help estimate the impacts of implementing BMPs on our impaired waters. This information will not only aid in current efforts of project implementation but will help in the planning of our second WRAPS implementation plan, upcoming in 2017. In addition, we will be able to aid our local partners in generating Water Management Plans, ease the transition from historical plans to a One Watershed One Plan

## Actual Outcomes

In 2018 the hydrological conditioned Digital Elevation Model was completed for the Pomme de Terre watershed and incorporated into the PTMApp tool that was also created for the watershed. Along with the ArcMap and online PTMApp tool, a Targeted Implementation Plan was developed to help guide the watershed stakeholders in how to utilize the tool to prioritize, target, and measure future projects.

PLAN REGION 3: MIDDLE POMME DE TERRE (0702000203): TARGETED IMPLEMENTATION APPROACH-FINAL IMPLEMENTATION SCENARIO AND PROGRESS TOWARDS GOAL (SHEET OF 3)

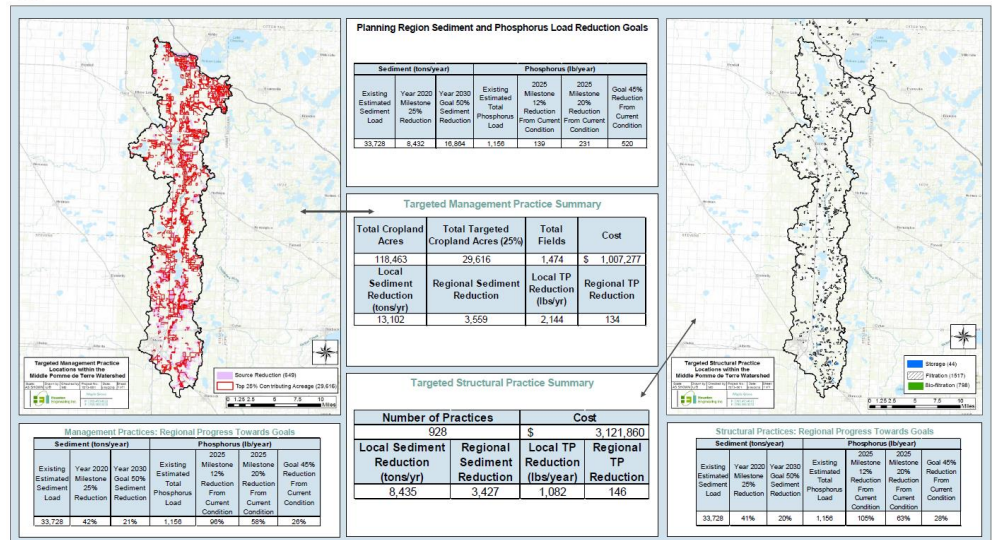


Figure 1: Excerpt from Targeted Implementation Plan exemplifying the use of PTMApp