

Pine Creek Watershed 9-Key Element Plan



Manitowoc County's Pine Creek Watershed Plan was approved by the DNR and EPA early September, 2019. Approval of the 9-Key Element Plan is a crucial step for the County to access state and national funding opportunities.

The plan also provides a framework to accomplish the following goals:

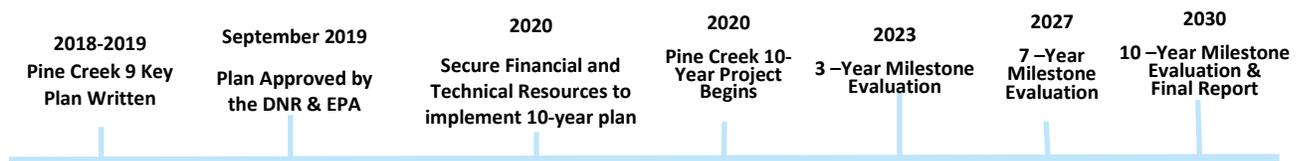
1. **Improve Surface Water Quality**
 - Reduce Sediment by 11.5%
 - Reduce Phosphorus by 21.9%
2. **Improve Streambank Stability**
3. **Increase public awareness and participation in watershed conservation activities**

The Pine Creek Watershed is located in Manitowoc County, WI, just south of the city of Manitowoc. Pine and Calvin Creeks and an unnamed intermittent stream transport water from approximately 21 square miles, or 13,409 acres of land into Lake Michigan. The watershed is also home to Carstens, Gass, Glomski, Grossheusch, Hartlaub, Kasbaum, Waack and Weyers lakes, which support a variety of fish & wildlife and are enjoyed by local sportsmen, outdoor enthusiasts, and families, alike.

Although many conservation practices are being utilized by landowners in the watershed, additional

work is necessary to further reduce sediment and pollutant runoff and loading to the watershed's lakes and streams. Four lakes: Carstens, Gass, Hartlaub, and Weyers, along with Pine and Calvin Creeks, are considered 303d impaired for total phosphorus.

Watershed restoration depends on landowners voluntarily adding management and conservation to their operation and on their land. Resource Conservationists are working with landowners within the watershed to identify conservation practices that make sense for their land. These practices can improve water quality, increase landowner profitability, and create a healthy and enduring environment for present and future generations all at the same time.



* This is an estimated project timeline.

Work with landowners & community partners to install recommended management practices, monitor water quality, and report yearly progress.