

Belanger Creek/McKeese Road Non-point Source Pollution Control Project

Project Summary:

A new road-stream crossing at Belanger Creek/McKeese Road just south of Peshawbestown will reduce stormwater pollution and sediment runoff into Belanger Creek, which is part of the Grand Traverse Bay watershed. Sediments and nutrients are the top water quality threats to water bodies in the watershed.

The work will be completed by August 2015 during the Leelanau County Road Commission's planned McKeese/Stallman Road Improvement Project.

Problem:

Two undersized culverts at the Belanger Creek/McKeese Road crossing cause fast moving water in the creek that scours the channel bed and alters its natural flow. This increases erosion and sedimentation in the creek and can harm the fish and aquatic insects living in it. Untreated stormwater runoff also contributes to pollution of the creek.

Solution:

- Replace two undersized culverts with an appropriately sized one
- Implement best management practices to improve stormwater collection at the road crossing and reduce polluted runoff in the creek

Benefits:

- Natural profile of creek will continue unaltered as creek crosses the road
- Reduced erosion and sedimentation benefit water quality, habitat and wildlife
- Reduced impact of stormwater runoff from road and other surfaces
- Prevents a significant number of pollutants from entering the Creek and Grand Traverse Bay
- Reduces sediments and nutrients entering Belanger Creek and Grand Traverse Bay
- Increases the abundance and diversity of coldwater fish and other species
- Increases public awareness of non-point source pollution issues and solutions

For more information about this project,
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email donald.shook@gtbindians.com



Current Belanger Creek/McKeese Road double culvert road crossing.

Funding obtained by the Grand Traverse Band of Ottawa and Chippewa Indians from:

- Environmental Protection Agency
- Bureau of Indian Affairs
- Natural Resource Conservation Service



Current stormwater runoff system to Belanger Creek.