

Bed-level Stream Crossing

Duffins Creek

A bed-level stream crossing was constructed on a tributary of Duffins Creek to allow livestock and farm equipment to cross the creek while minimizing the impact to the health of the stream.



A tributary of Duffins Creek runs through this agricultural property. Livestock and equipment crossing the creek had caused severe bank erosion and disturbance to the creek.



The disturbance caused by the cattle has a negative impact on the water quality and in-stream habitat of the creek. To allow livestock and equipment to continue crossing, a protected bed-level crossing was proposed.



A new fence was installed along the sides of the crossing to restrict cattle access to the creek.



A survey of the fish community was conducted before the crossing was put in place and again after the crossing had been completed.



Prior to the crossing (2006), only the minnow Blacknose Dace was found in the creek.



Two additional fish species were caught during post-restoration sampling (2010): Brook Trout and a Lamprey species.



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