

## West Magpie Creek | Dixon, MT

### Environmentally Sensitive Stream Crossing EcoArch™ 138" X 40' Engineered Steel Footing Pads

#### Owner

Consolidated Salish and Kootenai Tribes (CSKT)

#### Contractor

Kendall Dupuis Logging

#### Consulting Engineer

CSKT

#### Application

West Magpie Creek supports West Slope Cutthroat Trout. It was necessary to remove a perched culvert pipe to allow Salmonid migration and prevent a genetically isolated population.

#### Why this product versus others?

EcoArch™ product is pre-assembled and ready to set. The excavator was able to set 20' sections on lightweight corrugated footing pads and simply bolt them together.

#### Project challenges

- Site challenges: approximately a 12% gradient
- Remote site required use of corrugated metal footings versus concrete

#### Special project elements

About four miles of the creek are inhabited by fish but it was divided by segments of the perched culvert and needed a viable solution that could be installed in the remote location.



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