

Product Evaluation

Product ID: 8090-7-2
Initiation Date: January 10, 2003
Revision Date: January 6, 2009

RE: Review of Beaver Stop (Beaver Control for Culverts)

PRODUCT

The Beaver Stop system can be installed on existing culverts and on new culvert installation construction. This product is manufactured by FSI Culvert INC. located in Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Beaver Stop has been used throughout Western Canada and Ontario for over 20 years. The Beaver Stop is designed to be environmentally friendly as it does not restrict fish passage, does not change the flow dynamics of the stream and it protects both ends of the culvert. This product requires little to no maintenance throughout the course of the year.

DESCRIPTION

The Beaver Stop is available in sizes that fit corrugated steel pipe culvert and arches or concrete pipes from 400mm to 2400mm in diameter. The Beaver Stop consists of two cylindrical steel screens. At the culverts upstream end, two nested steel mesh screens attach to the culvert and extend upstream. A third shorter steel mesh fits on the downstream end.

POTENTIAL USAGE

There are currently over 4000 installations of the Beaver Stop product across North America. The Beaver Stop system has been used as a guard against the damming of culverts by nuisance beavers for over 20 years.

STANDARDS

No standards submitted.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product. Over the years various types of Beaver Control units have been tried to prevent beavers from plugging drainage culverts. No one product has been successful as the culverts are eventually plugged.

APPLICABLE STANDARDS

The Alberta Transportation Standard Specification for Culverts is as follows:

Standard Specification for Highway Construction 2.4 Culverts

RECOMMENDATIONS

Post product information on the Alberta Transportation Products List under Proven Products, Culverts: Beaver Control – Proprietary based on the information provided.

Note: "Use is restricted to Non-fish bearing streams".

TRIAL PROJECTS

Hwy. 2 - 27km N.W. of Athabasca - 1200mm dia. - Installed Sept. 2002

Joe Filice

cc New Product Evaluation Standing Committee – Terry Willis
Sal Hasham
Reg Quinton