

Location:	Km 7 Leo-Middle FSR	Date of Site Visit:	2019/08/26
Watershed Code	N/A	Completed by:	Jocelyn White
Stream Classification:	S4-default	MFLNRORD Contact:	Ken Yorkston

Fisheries Information

There are no historical fish records for this stream. The stream crosses the Leo-Middle FSR at approximately Km 7 before flowing into the Middle River (Watershed Code 182-819600-63300).

Site Description

There was an existing 800 mm culvert located at this crossing site with an outlet drop of 20 cm down to the small channel. The water level was low at the time of the assessment. The channel was followed for over 300 m downstream to where it meets the Middle River. The channel was small, measuring 0.7 m wide and 0.2 m deep. Rearing habitat was considered marginal with only limited cover from overhanging vegetation. The substrates consisted primarily of fines that provided no spawning habitat. The stream was too narrow and shallow to provide overwintering habitat for fish. Upstream of the crossing, water was pooled over leaf litter at the culvert inlet. A small 0.7 m wide channel was found upstream from there, with very marginal fish habitat.

Stream Classification

The stream has been classified as an S4 (default) as no barriers were identified between the road crossing and the Middle River. The habitat was considered marginal, allowing for an embedded culvert to be considered for the replacement structure.



Photo 1. View of culvert outlet with the outlet drop.



Photo 2. View of the culvert inlet.



Photo 3. View of the small channel near the Middle River.



Photo 4. View of the channel downstream of the culvert.