

Cutblock [MAM003](#): Riparian Assessment Report

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Introduction

The primary objective of this riparian assessment is to provide rationale for the classification of watercourses, lakes and wetlands within and adjacent to Cutblock [MAM002](#).

Cutblock Overview:

Cutblock	MAM003
Operating Area	Ferguson
Watershed	Mamin River2 & Black Water Creek
Slope Range	0-140
Elevation Range	450-610
Aspect	Variable
Forest Cover	HwSs 932-942

Stream Information

Table 1: Detailed Information (Streams, Lakes and Wetlands)

Watercourse Identifier	Avg. width (m), Range	Avg. gradient (%), Range	Stream Flow: Perennial, Ephemeral, Seasonal	Direct connectivity to fish bearing waters (Y or N)	Barrier present: (Physical , Gradient, N/A)	Fish sampling completed (Y or N)	Continuous channel <100m, with scour and alluvial deposit (m), i.e. NCD, FSZ	Continuous channel >100m without scour and alluvial deposit (m), i.e. NCD, FSZ	Stream Classification
5-US-R1	.75	35	P	N	G	N			US
5-US-R2	.70	25	P	N	G	N			US
5-US-R3	.68	30	P	N	G	N			US
5A-US	.55	30	P	N	G	N			US
5B-US-R1	.73	37	P	N	G	N			US
5B-US-R2	.68	35	P	N	G	N			US
8A-US-R2	.43	20	P	N	G	N			US
8A1-US	.27	20	P	N	G	N			US
8A1A-US	.3	20	P	N	G	N			US

 Applies to NCD or FSZ only

Classification Rationale

MAM003 is situated atop of a mountain about 9km Southwest of Juskatla. Elevation ranges from 450-610m. Therefore, no fish are present and the streams are very small in size.

Riparian Strategies

Table 2 provides critical information that is required for the formulation of stream prescriptions. The table serves as a means of documenting why streams are cleaned of debris (or not cleaned) and if other measures are required to protect channel integrity, stream banks and/or other downstream values.

Table 2: Riparian Strategies Table for S5 and S6 Streams

Watercourse Id.	Distance away (meters) from a Community Watershed with a licensed domestic water supply intake, Marine Sensitive Zone, lake, fish stream, wetland containing fish, or FSZ?	Is there evidence of Sensitive Stream banks or potentially unstable stream channels that require special protective measures	Are there trees located along the stream bank that contribute significantly to the maintenance of stream bank or channel stability?	Downstream Transport Potential	Downstream Impact Potential
5-US-R1	NA	N	N	L	L
5-US-R2	NA	N	N	L	L
5-US-R3	NA	N	N	L	L
5A-US	NA	N	N	L	L
5B-US-R1	NA	N	N	L	L
5B-US-R2	NA	N	N	L	L
8A-US-R2	NA	N	N	L	L
8A1-US	NA	N	N	L	L
8A1A-US	NA	N	N	L	L

Attachments

☒ 1:5,000 Stream Map (all streams, FSZs, Fish Sample Site locations and numbers, barriers to fish)

☐ Field / Traverse Notes

☒ Streams located with GPS equipment

Sign Off

Print Name

Signature

Date

Report Prepared by:

Supervising Engineer:

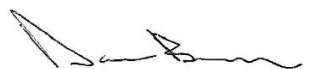
Stefan Winter



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Prescribing Forester:

David M. Brown



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Fry Trapping Results	
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