

Appendix 1. Interview guides used in this research, for landholders and professional practitioners.

Interview guide: Landholders

1. Background and relationship to place

1.1. How did you come to live in the Macdonald Valley?

1.2. Do you live and work here full-time?

1.3. What was your earliest/first impression of the valley and the river?

1.4. When you picture the valley in your head, what do you see/ what do you think of?

1.5. Is it important to you to be close to the river?

2. Changes in environment and community

2.1. Have you noticed any changes in the valley in your time here? (Prompt: changes in community, changes in physical landscape, e.g. vegetation or river)

2.1.1. How do you feel about those changes?

2.1.2. Do those changes make you feel differently about your environment/community?

2.2. What do you remember about flooding in the valley?

2.2.1. Which floods do you remember?

2.2.2. How have floods impacted your life?

2.2.3. How do you think flooding impacts on the community? (Prompt: day-to-day and longer-term)

2.2.4. Do you worry about flooding?

2.2.5. Has a flood ever made you feel differently about your environment and community?

3. River health and recovery

3.1. Do you think the river is healthier, less healthy or the same as when you first arrived?

3.2. In your opinion, what might a healthier version of this river look like?

3.3. Have you heard people talking about the river 'recovering'?

3.3.1. What does that word mean to you in the context of this river?

3.3.2. Do you think the river is recovering?

3.3.2.1. How do you see/not see recovery occurring?

3.3.3. How do you feel about seeing / not seeing recovery?

3.4. Have you participated in river rehabilitation activities?

4. Future directions and aspirations

4.1. How do you think the river might look in 5, 10, 20 or 100 years?

4.1.1. How do you feel about your prediction – does that sit well with you?

4.2. Do you think there are any challenges in the way of the river becoming healthier?

5. Closing

5.1. Is there anything we haven't covered that you think might be interesting for this research?

5.2. Do you have any questions about this research or how your responses will be handled?

5.3. How would you like to be kept informed about how this research progresses?

Interview guide: River management practitioners

1. Opening

1.1. How long have you worked in the river management industry?

1.2. How long have you worked with your current institution?

1.3. How would you describe your role in your institution?

2. Institution

2.1. How would you describe your institution's role in river management? [Prompt: responsibilities, key activities? Note: How does participant describe role – e.g. in policy, action or relationally?]

2.2. Which other groups/institutions do you and your organization have contact with in river management?

2.2.1. In what capacity, when and how?

2.3. How would you describe your institution's approach to river management?

2.3.1. What kind of thinking/principles underpin your practice?

2.3.2. What are the priorities and common key goals/KPIs?

2.3.3. Where does your practice get direction from? [Prompt: e.g. policy, higher management?]

2.3.4. Who decides where and what management approaches and activities take place, and how do they make that decision?

3. River recovery

3.1. Are you familiar with the terms, 'river recovery' or 'recovery enhancement'?

3.1.1. What do you understand those terms to mean?

3.1.2. How did you become acquainted with these concepts?

3.1.3. (How) do you apply these concepts in river management?

4. Relationships

4.1. Are relationships (people-people; people-place) important for you in your management practice?

4.1.1. What kinds of relationships, and how are relationships important?

4.2. What do you do to build and maintain relationships?

4.3. Are you encouraged or supported (by employer/organization) to focus on relationships in your work?

5. Closing

5.1. Do you have any questions about this research or how your responses will be used?

5.2. How would you like to be kept informed about the progress of this research? [E.g. by email/post/phone]