

Appendix 6: Choice Experiment Design

Description of variables:

- x1 = North Flow & Forest: 3 levels. Current Condition is level 3, Expected Future is level 1
- x2 = North Full Body Contact: 2 levels. Current Condition is level 1, or safe wading only
- x3 = South Flow & Forest: 3 levels. Current Condition is level 3, Expected Future is level 1
- x4 = South Full Body Contact: 2 levels. Current Condition is level 1, or safe wading only
- x5 = Cost to household per year, 6 levels. Cost options range from zero (Expected Future: level 1), \$10, \$20, \$30, \$40, and \$60 (level 6)

Nine survey blocks are proposed, of four choice questions (sets) each. The third alternative is always the Expected Future, no cost alternative.

Block	Set	Alt	x1	x2	x3	x4	x5
1	1	1	3	1	2	2	3
		2	3	1	2	1	2
		3	1	1	1	1	1
1	2	1	2	2	1	2	5
		2	1	1	3	2	4
		3	1	1	1	1	1
1	3	1	3	1	2	1	2
		2	2	2	3	1	2
		3	1	1	1	1	1
1	4	1	3	1	3	2	5
		2	3	2	1	1	4
		3	1	1	1	1	1
2	1	1	3	2	3	2	6
		2	2	2	1	1	5
		3	1	1	1	1	1
2	2	1	3	1	2	1	2
		2	3	1	2	2	3
		3	1	1	1	1	1
2	3	1	1	2	3	2	4
		2	1	2	3	1	3
		3	1	1	1	1	1
2	4	1	1	1	1	2	2
		2	2	1	2	2	4
		3	1	1	1	1	1
3	1	1	3	1	3	2	5
		2	3	2	1	1	4
		3	1	1	1	1	1

3	2	1	3	1	2	2	2
3	3	2	2	2	3	1	2
3	3	3	1	1	1	1	1
3	4	1	1	2	1	2	2
4	1	2	2	2	2	2	3
4	2	3	1	1	1	1	1
4	3	1	1	2	3	1	3
4	4	2	1	1	1	2	2
4	1	3	3	1	2	1	2
4	2	1	2	2	3	1	5
4	3	2	1	1	1	1	1
4	4	3	1	1	1	1	1
5	1	1	2	2	2	2	6
5	2	2	3	1	2	1	2
5	3	1	1	1	1	2	2
5	4	2	1	2	3	1	3
5	1	3	1	1	1	1	1
5	2	1	2	2	2	2	5
5	3	2	2	1	2	2	3
5	4	3	1	1	1	1	1
6	1	1	3	2	3	2	6
6	2	2	1	2	1	2	2
6	3	3	1	1	1	1	1
6	4	1	2	2	1	1	4
6	1	2	3	2	3	2	6
6	2	3	1	1	1	1	1
6	3	1	2	1	2	2	2
6	4	2	3	2	1	1	5
6	1	3	1	1	1	1	1
6	2	2	3	2	3	2	6
6	3	2	2	1	2	2	2

		3	1	1	1	1	1
6	4	1	3	1	2	2	3
		2	2	2	3	1	2
		3	1	1	1	1	1
7	1	1	3	1	1	1	3
		2	2	2	2	2	4
		3	1	1	1	1	1
7	2	1	1	2	3	2	3
		2	2	2	3	1	3
		3	1	1	1	1	1
7	3	1	2	1	2	2	4
		2	1	2	3	1	2
		3	1	1	1	1	1
7	4	1	3	2	3	2	5
		2	3	1	1	1	3
		3	1	1	1	1	1
8	1	1	1	1	3	1	4
		2	3	2	3	2	6
		3	1	1	1	1	1
8	2	1	3	2	3	2	6
		2	3	1	1	1	3
		3	1	1	1	1	1
8	3	1	2	2	1	2	5
		2	1	1	3	2	4
		3	1	1	1	1	1
8	4	1	2	2	2	2	3
		2	1	2	1	2	2
		3	1	1	1	1	1
9	1	1	2	2	2	2	4
		2	3	2	3	2	5
		3	1	1	1	1	1
9	2	1	3	1	3	2	4
		2	2	1	2	2	3
		3	1	1	1	1	1
9	3	1	2	2	1	1	3
		2	1	1	3	1	4
		3	1	1	1	1	1
9	4	1	1	2	3	2	3
		2	3	2	1	1	4
		3	1	1	1	1	1