

Appendix C Welfare Estimates of Site Closures**Appendix C1. Welfare Estimates (CAD\$) Per Trip Per Person of Site Closures**

Site	2018			2019			2020		
	Mean	Low	High	Mean	Low	High	Mean	Low	High
102	-3.00	-3.89	-2.18	-5.92	-7.79	-4.33	-2.10	-2.57	-1.57
104	-0.50	-0.71	-0.33	-1.69	-2.54	-1.09	-0.44	-0.67	-0.25
106	-0.29	-0.47	-0.12	-0.27	-0.43	-0.10	-0.14	-0.25	-0.08
108	-2.10	-2.90	-1.59	-1.73	-2.39	-1.32	-1.32	-1.51	-1.17
110	-0.50	-0.68	-0.33	-1.37	-1.99	-0.93	-0.59	-0.76	-0.43
112	-0.38	-0.57	-0.23	-0.27	-0.43	-0.17	-0.08	-0.15	-0.03
116	-1.10	-1.44	-0.69	-1.02	-1.49	-0.64	-0.86	-1.07	-0.69
118	-2.57	-3.45	-1.86	-6.04	-7.56	-4.65	-2.63	-3.14	-2.26
119	-0.62	-0.87	-0.44	-1.72	-2.34	-0.95	-1.19	-1.55	-0.89
124	-0.37	-0.50	-0.28	-1.03	-1.33	-0.70	-0.23	-0.37	-0.12
128	-0.06	-0.11	-0.03	-0.14	-0.21	-0.07	-0.12	-0.21	-0.06
130	-0.32	-0.46	-0.21	-0.12	-0.23	-0.06	-0.13	-0.21	-0.06
132	-0.28	-0.41	-0.15	-0.41	-0.67	-0.21	-0.42	-0.65	-0.26
134	-0.38	-0.72	-0.14	-0.20	-0.35	-0.07	-0.45	-0.61	-0.30
136	-0.27	-0.39	-0.16	-0.28	-0.48	-0.17	-0.44	-0.58	-0.25
138	-0.13	-0.31	-0.04	-0.54	-0.85	-0.24	-0.06	-0.12	-0.02
140	-0.14	-0.36	-0.03	-	-	-	-0.03	-0.09	-0.01
142	-0.07	-0.15	-0.03	-0.43	-0.94	-0.09	-0.16	-0.31	-0.06
144	-0.06	-0.13	-0.03	-0.80	-1.13	-0.39	-0.15	-0.29	-0.06
156	-0.76	-1.08	-0.52	-0.55	-0.75	-0.35	-0.62	-0.79	-0.43
158	-1.74	-2.33	-1.33	-0.87	-1.36	-0.52	-1.06	-1.36	-0.73
160	-1.91	-2.53	-1.38	-1.30	-1.92	-0.93	-2.15	-2.59	-1.80
162	-1.70	-2.39	-1.19	-2.07	-3.01	-1.23	-0.76	-0.99	-0.55
164	-1.70	-2.54	-1.17	-1.41	-2.34	-0.81	-1.74	-2.15	-1.24
166	-1.20	-1.53	-0.81	-2.80	-3.96	-2.16	-2.02	-2.52	-1.57
203	-1.10	-1.69	-0.72	-1.44	-1.97	-1.05	-1.57	-1.97	-1.33
204	-1.47	-2.11	-1.13	-0.93	-1.36	-0.66	-1.05	-1.39	-0.77
206	-0.73	-1.03	-0.49	-0.19	-0.46	-0.06	-0.55	-0.74	-0.44
208	-1.90	-2.24	-1.52	-1.80	-2.39	-1.32	-1.37	-1.75	-1.06
210	-0.13	-0.22	-0.06	-0.33	-0.46	-0.21	-0.48	-0.63	-0.34
212	-0.07	-0.12	-0.04	-0.11	-0.19	-0.05	-0.03	-0.05	-0.01
214	-0.54	-0.75	-0.33	-0.26	-0.37	-0.14	-0.41	-0.53	-0.29
216	-0.22	-0.32	-0.15	-0.12	-0.21	-0.06	-0.22	-0.34	-0.14
220	-0.73	-0.94	-0.55	-0.53	-0.82	-0.31	-0.77	-0.96	-0.58
221	-0.09	-0.13	-0.04	-0.27	-0.38	-0.16	-0.15	-0.25	-0.09
222	-0.11	-0.19	-0.07	-0.05	-0.09	-0.03	-0.25	-0.35	-0.17
224	-0.33	-0.49	-0.21	-0.28	-0.47	-0.17	-0.28	-0.38	-0.19
226	-0.09	-0.14	-0.06	-0.12	-0.24	-0.05	-0.23	-0.30	-0.17
228	-0.95	-1.25	-0.72	-0.48	-0.74	-0.24	-0.73	-0.94	-0.52
230	-0.96	-1.39	-0.61	-0.52	-0.90	-0.32	-0.90	-1.12	-0.72
232	-0.73	-0.98	-0.51	-0.71	-1.08	-0.49	-1.49	-1.74	-1.27
238	-0.18	-0.24	-0.13	-0.52	-0.96	-0.20	-0.97	-1.16	-0.78
240	-0.23	-0.42	-0.11	-0.57	-0.86	-0.40	-0.27	-0.38	-0.15
242	-1.09	-1.39	-0.85	-0.33	-0.60	-0.16	-0.63	-0.76	-0.52

Site	2018			2019			2020		
	Mean	Low	High	Mean	Low	High	Mean	Low	High
244	-0.11	-0.20	-0.05	-	-	-	-0.08	-0.13	-0.04
246	-0.27	-0.46	-0.11	-	-	-	-0.15	-0.22	-0.08
248	-0.22	-0.30	-0.15	-0.12	-0.19	-0.07	-0.08	-0.11	-0.05
250	-0.63	-1.03	-0.43	-0.27	-0.54	-0.11	-0.53	-0.69	-0.39
252	-0.31	-0.45	-0.19	-0.29	-0.47	-0.11	-0.15	-0.23	-0.08
254	-0.88	-1.24	-0.63	-1.39	-2.07	-0.80	-0.99	-1.24	-0.79
256	-0.57	-0.91	-0.33	-0.51	-0.76	-0.24	-1.23	-1.51	-0.95
258	-0.58	-1.10	-0.24	-1.03	-1.47	-0.65	-1.08	-1.37	-0.82
260	-0.31	-0.53	-0.16	-0.42	-0.69	-0.18	-0.29	-0.38	-0.17
300	-18.31	-21.01	-14.70	-18.00	-21.03	-14.68	-9.99	-11.26	-8.63
400	-1.72	-2.36	-1.05	-2.45	-3.27	-1.88	-1.06	-1.38	-0.78
500	-0.58	-0.86	-0.32	-0.82	-1.20	-0.54	-0.55	-0.78	-0.36
501	-0.14	-0.23	-0.09	-0.03	-0.06	-0.01	-0.03	-0.05	-0.02
502	-0.40	-0.65	-0.19	-0.24	-0.47	-0.08	-0.08	-0.12	-0.05
503	-0.23	-0.73	-0.02	-	-	-	-0.27	-0.43	-0.13
504	-0.21	-0.46	-0.10	-	-	-	-0.19	-0.35	-0.08
505	-0.52	-0.82	-0.20	-	-	-	-0.11	-0.22	-0.04
506	-0.05	-0.14	-0.01	-0.36	-0.62	-0.17	-0.19	-0.33	-0.09
507	-0.90	-1.33	-0.60	-0.24	-0.41	-0.10	-0.30	-0.42	-0.17
508	-0.22	-0.35	-0.09	-	-	-	-0.16	-0.25	-0.09
509	-0.18	-0.45	-0.05	-0.56	-1.59	-0.19	-0.10	-0.18	-0.05
510	-0.91	-1.36	-0.52	-0.42	-0.82	-0.17	-0.65	-1.06	-0.40
511	-2.51	-3.46	-1.63	-4.99	-7.03	-3.08	-3.89	-5.04	-2.91
732	-0.74	-1.24	-0.40	-0.23	-0.45	-0.06	-0.07	-0.16	-0.02

Note: Site numbers denote Wildlife Management Unit (WMU) numbers in Alberta. Welfare estimates per person are calculated by averaging welfare estimates over the whole sample for each survey. Low and high are 95% confidence intervals of the mean estimates calculated from 30 simulations with 50 individual conditional error draws.

Appendix C2. Welfare Estimates (CAD\$) Per Trip Per Participant of Site Closures

Site	2018			2019			2020		
	Mean	Low	High	Mean	Low	High	Mean	Low	High
102	-94	-122	-68	-194	-255	-142	-102	-125	-76
104	-43	-61	-28	-68	-102	-44	-66	-101	-37
106	-46	-76	-19	-39	-63	-15	-32	-55	-18
108	-52	-72	-39	-43	-59	-32	-42	-48	-37
110	-36	-49	-24	-48	-70	-33	-73	-94	-54
112	-29	-43	-18	-22	-34	-14	-23	-43	-10
116	-52	-68	-33	-56	-83	-36	-47	-58	-38
118	-85	-114	-61	-118	-148	-91	-98	-117	-84
119	-30	-41	-21	-80	-109	-44	-74	-96	-55
124	-34	-46	-26	-46	-59	-31	-43	-69	-22
128	-16	-29	-6	-25	-38	-13	-45	-79	-21
130	-21	-29	-13	-26	-51	-13	-24	-38	-12
132	-30	-44	-16	-51	-84	-26	-37	-58	-23
134	-69	-132	-26	-35	-62	-12	-50	-68	-33
136	-38	-56	-22	-42	-71	-25	-62	-81	-35
138	-84	-200	-25	-79	-125	-36	-32	-65	-10
140	-89	-230	-20	-	-	-	-69	-192	-20
142	-14	-32	-7	-125	-276	-27	-50	-98	-20
144	-20	-43	-9	-71	-100	-34	-33	-65	-14
156	-29	-42	-20	-30	-41	-19	-34	-43	-24
158	-61	-81	-46	-64	-100	-38	-72	-92	-49
160	-57	-75	-41	-61	-89	-43	-65	-78	-54
162	-87	-123	-61	-87	-126	-52	-63	-82	-45
164	-78	-117	-54	-104	-173	-59	-71	-87	-50
166	-57	-73	-38	-63	-90	-49	-60	-75	-47
203	-74	-114	-49	-61	-83	-44	-63	-79	-53
204	-54	-78	-41	-36	-52	-25	-41	-53	-30
206	-45	-63	-30	-34	-80	-11	-49	-67	-39
208	-57	-67	-45	-57	-75	-41	-50	-64	-39
210	-34	-56	-15	-33	-45	-21	-38	-50	-27
212	-10	-17	-5	-9	-17	-5	-14	-24	-5
214	-28	-39	-17	-21	-30	-11	-27	-35	-19
216	-20	-29	-14	-21	-38	-10	-29	-45	-18
220	-25	-33	-19	-36	-56	-21	-26	-32	-19
221	-16	-24	-7	-20	-28	-12	-19	-33	-12
222	-16	-27	-10	-23	-41	-11	-46	-65	-33
224	-26	-39	-17	-21	-34	-12	-30	-41	-20
226	-17	-26	-11	-105	-216	-44	-31	-39	-22
228	-39	-52	-30	-43	-65	-21	-28	-36	-20
230	-42	-62	-27	-46	-79	-28	-32	-40	-25
232	-36	-49	-25	-45	-68	-31	-40	-47	-34
238	-15	-20	-11	-57	-106	-22	-42	-50	-33
240	-37	-67	-17	-42	-64	-29	-32	-45	-18
242	-35	-45	-27	-29	-53	-14	-31	-38	-26
244	-35	-65	-17	-	-	-	-25	-42	-14
246	-38	-65	-16	-	-	-	-26	-38	-14

Site	2018			2019			2020		
	Mean	Low	High	Mean	Low	High	Mean	Low	High
248	-22	-30	-15	-13	-21	-8	-12	-17	-7
250	-48	-78	-32	-40	-79	-16	-47	-62	-35
252	-33	-48	-20	-42	-69	-16	-29	-43	-15
254	-51	-73	-37	-102	-153	-59	-42	-53	-33
256	-40	-65	-24	-45	-67	-21	-62	-76	-48
258	-58	-109	-24	-83	-118	-53	-47	-59	-35
260	-56	-97	-29	-62	-101	-26	-53	-70	-32
300	-167	-191	-134	-153	-179	-125	-135	-153	-117
400	-69	-95	-42	-94	-125	-72	-108	-140	-79
500	-44	-65	-24	-60	-88	-40	-62	-88	-41
501	-18	-29	-12	-13	-27	-3	-15	-24	-7
502	-74	-119	-34	-71	-138	-24	-19	-29	-12
503	-296	-942	-22	-	-	-	-86	-139	-42
504	-54	-119	-25	-	-	-	-43	-77	-19
505	-66	-106	-26	-	-	-	-81	-166	-29
506	-65	-179	-18	-79	-136	-37	-84	-147	-42
507	-78	-114	-51	-69	-121	-30	-48	-68	-27
508	-71	-114	-28	-	-	-	-25	-41	-15
509	-57	-143	-17	-165	-468	-55	-54	-103	-26
510	-106	-159	-61	-94	-180	-38	-80	-131	-50
511	-154	-212	-100	-220	-310	-136	-223	-289	-167
732	-136	-227	-73	-100	-198	-26	-76	-175	-19

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