

Photo Documentation

refer to CD with Photos

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800155	Upstream photo of the start of segment 1 taken below the Big Orange Bridge in Nelson, BC on October 29, 2008.
2008_1029WASHIM_Oct0800157	New residences along the northshore of Nelson, BC (1 Mile) in segment 2 taken on October 29, 2008.
2008_1029WASHIM_Oct0800158	Retaining wall in segment 2 beside dock and green boat house which is the start of segment 3 (1 Mile) taken on October 29, 2008.
2008_1029WASHIM_Oct0800159	Brown house with native riparian vegetated buffer in segment 3 (1 Mile) taken on October 29, 2008.
2008_1029WASHIM_Oct0800160	Satellite dish is the end of segment 3 and beginning of segment 4 (1 Mile) taken on October 29, 2008.
2008_1029WASHIM_Oct0800161	Satellite dish is the end of segment 3 and beginning of segment 4 (1 Mile) taken on October 29, 2008.
2008_1029WASHIM_Oct0800162	Facing upstream at boathouse near beginning of segment 4 (1 Mile) taken on October 29, 2008.
2008_1029WASHIM_Oct0800163	Docks and other foreshore modifications in segment 4 (1 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800164	Segment 4 (1 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800165	Two new residences with large retaining walls to the foreshore in segment 4 (1 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800166	Small marina and boat house in segment 4 (1 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800167	Small marina and boat house in segment 4 (1 Mile) taken October 29, 2008. Segment 5 begins at boat house.
2008_1029WASHIM_Oct0800168	Rocky shoreline below highway in segment 5 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800169	Rocky shoreline and small beach below highway facing upstream in segment 5 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800170	Rocky shoreline below highway in segment 5 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800171	Rocky shoreline and small beach below highway facing upstream in segment 5 (2-5 Mile) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800172	Small vegetative steep buffer between highway and the shoreline in segment 5 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800173	Sand beach and aqua house are end of segment 5 and start of segment 6 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800174	Two retaining walls with sandy beach between in segment 6 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800175	Large rock fill, lawn, and topiary used to create a groyne in segment 6 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800176	Upstream view of the alluvial fan at 4 Mile showing rock groynes in segment 6 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800177	Segment 7 near Blaylock mansion below highway (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800178	Docks and groynes below highway in segment 7 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800179	Various foreshore modifications in segment 8 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800180	Residential development along the foreshore in segment 8 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800181	New residential development with 4 retaining walls and sand fill to shoreline in segment 9 (2-5 Mile) taken October 29, 2008.
2008_1029WASHIM_Oct0800182	Start of segment 10 at Shannon Creek (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800183	Sandy beach in segment 10 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800184	Groynes and new retaining wall in segment 10 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800185	Groynes and sand beach in segment 11 (Shannon Point) which begins at the green cedar house taken October 29, 2008.
2008_1029WASHIM_Oct0800186	Facing upstream in segment 11 (Shannon Point) showing various groynes. Taken October 29, 2008.
2008_1029WASHIM_Oct0800187	Stonework groynes in segment 11 (Shannon Point) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800188	Sandy beach turning to highway fill in segment 11 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800189	Highway riprap in segment 12 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800190	House with very modified foreshore at beginning of segment 13 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800191	Sand beach and riparian buffer below highway in segment 13 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800192	Riparian buffer below highway in segment 13 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800193	Rocky shoreline in segment 14 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800194	5 Mile Beach in segment 14 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800195	5 Mile Beach in segment 14 (Shannon Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800196	Start of segment 15 at large house with green awnings (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800197	Beaches and residences below highway in segment 15 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800198	New residence near rocky outcrop in segment 15 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800199	Rocky shoreline and docks in segment 15 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800200	Facing upstream towards Willow Point in segment 15 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800201	Residential development with many foreshore modifications in segment 15 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800202	Beginning of segment 16 at 6 Mile trailer park (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800203	6 Mile trailer park in segment 16 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800204	Duhamel Creek inflow with rocky shore and vegetated riparian zone in segment 16 (Willow Point) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800205	End of segment 16 at 6 Mile beach (Willow Point) taken October 29, 2008. Note that segments 16 and 17 have been combined.
2008_1029WASHIM_Oct0800206	Upstream view of alluvial fan at 6 mile which is the beginning of segment 18 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800207	Downstream view of alluvial fan at 6 mile in segment 18 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800208	Start of segment 19 (Willow Point) directly after 6 mile alluvial fan with docks and groynes taken October 29, 2008.
2008_1029WASHIM_Oct0800209	Foreshore modifications and residences in segment 19 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800210	Foreshore modifications and residences in segment 19 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800211	Large sand beach with docks in segment 19 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800212	Stone and wooden groynes and dock in segment 19 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800213	Large stonework groynes in segment 19 (Willow Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800214	Looking upstream at many stonework groynes in segment 19 (Willow Point) which ends at the large red dock. Taken October 29, 2008.
2008_1029WASHIM_Oct0800215	Rocky shoreline northwest of McDonalds Landing in segment 20 (McDonalds) taken October 29, 2008.
2008_1029WASHIM_Oct0800216	Rocky shoreline northwest of McDonalds Landing in segment 20 (McDonalds) taken October 29, 2008.
2008_1029WASHIM_Oct0800217	Rocky shoreline below highway in segment 20 (McDonalds) taken October 29, 2008.
2008_1029WASHIM_Oct0800218	Large rock retaining wall and house below highway in segment 20 (McDonalds) taken October 29, 2008.
2008_1029WASHIM_Oct0800219	Highway fill below the road in segment 20 (McDonalds) taken October 29, 2008.
2008_1029WASHIM_Oct0800220	Boat house followed by separation of segments 20-21 (McDonalds) at log house taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800221	Segment 21 (Cedar Point) begins at green log home with rock retaining wall. Taken October 29, 2008.
2008_1029WASHIM_Oct0800222	Upstream view from start of segment 21 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800223	Various foreshore modifications in segment 21 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800224	Sand fill dumped to shoreline in segment 21 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800225	Residences with sand beaches and groynes in segment 21 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800226	Rocky shoreline at end of segment 21 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800227	Sand beach and residence at Cedar Point in segment 22 (Cedar Point) which ends at east side of beach taken October 29, 2008.
2008_1029WASHIM_Oct0800228	Beginning of segment 23 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800229	Upstream view of segment 23 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800230	Beginning of segment 23 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800231	Sandy beach followed by low rocky shore with riparian vegetation in segment 23 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800232	End of segment 23 (Cedar Point) with three residences each with groynes separating the beaches taken October 29, 2008.
2008_1029WASHIM_Oct0800233	Highway riprap in segment 24 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800234	Upstream view of highway riprap in segment 24 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800235	Upstream view of highway riprap in segment 24 (Cedar Point) taken October 29, 2008.
2008_1029WASHIM_Oct0800236	End of segment 24 (Cedar Point) where large load of highway fill to shoreline taken October 29, 2008.
2008_1029WASHIM_Oct0800237	Start of segment 25 (Nine Mile Narrows) after highway fill taken October 29, 2008.
2008_1029WASHIM_Oct0800238	Stonework groynes, sand beaches, and docks in segment 25 (Nine Mile Narrows) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800239	Two residences with planted vegetation separating the homes and shoreline in segment 25 (Nine Mile Narrows) taken October 29, 2008.
2008_1029WASHIM_Oct0800240	Residences and foreshore modifications in segment 25 (Nine Mile Narrows) taken October 29, 2008.
2008_1029WASHIM_Oct0800241	Groynes and sand beach in segment 25 (Nine Mile Narrows) taken October 29, 2008.
2008_1029WASHIM_Oct0800242	Segment 26 (Nine Mile Narrows) beginning at Sitkum Creek in far left of photo. Taken October 29, 2008.
2008_1029WASHIM_Oct0800243	Natural rocky shore and riparian area in segment 26 (Nine Mile Narrows) taken October 29, 2008.
2008_1029WASHIM_Oct0800244	Natural rocky shore and riparian area in segment 26 (Nine Mile Narrows) which ends at boathouse. Taken October 29, 2008.
2008_1029WASHIM_Oct0800245	Start of segment 27 (Crescent Bay) at boathouse taken October 29, 2008.
2008_1029WASHIM_Oct0800246	Sandy beach, residences, and docks in segment 27 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800247	Sandy beach, residences, and docks in segment 27 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800248	Residential area in segment 27 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800249	Residential area in segment 27 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800250	Sandy beach in segment 27 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800251	Mature treed area at beginning of segment 28 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800252	Treed area and sandy beach in later section of segment 28 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800253	Mature treed area and sand beach in segment 29 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800254	Treed and residential areas in segment 29 (Crescent Bay) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800255	Sand beach, docks and stone groynes in segment 29 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800256	Residences with native riparian vegetation intact in segment 29 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800257	Boat house in segment 29 (Crescent Bay) taken October 29, 2008. (Very distorted photo)
2008_1029WASHIM_Oct0800258	Boat house in segment 29 (Crescent Bay) taken October 29, 2008. (Replicate of photo 257)
2008_1029WASHIM_Oct0800259	Sandy beach and residences in segment 29 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800260	End of segment 29 (Crescent Bay) and beginning of segment 30 at highway fill taken October 29, 2008.
2008_1029WASHIM_Oct0800261	Highway fill in segment 30 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800262	Highway fill in segment 30 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800263	Highway fill and floating boat house in segment 30 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800264	Highway fill and floating boat house in segment 30 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800265	Beach residences in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800266	Beach residences in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800267	Marina in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800268	Marina in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800269	Residences with trees to the shoreline in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800270	Residences with trees to the shoreline in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800271	Residences with trees to the shoreline in segment 31 (Crescent Bay) taken October 29, 2008.
2008_1029WASHIM_Oct0800272	West shore of Kootenay Creek Park in segment 32 (Kootenay Narrows Northshore) taken October 29, 2008.

Photo Number (.jpg)	Description ¹
2008_1029WASHIM_Oct0800273	Natural shoreline of Kokanee Creek Park in segment 32 (Kokanee Narrows Northshore) taken October 29, 2008
2008_1029WASHIM_Oct0800274	Natural shoreline of Kokanee Creek Park in segment 32 (Kokanee Narrows Northshore) taken October 29, 2008
2008_1029WASHIM_Oct0800275	Natural shoreline of Kokanee Creek Park in segment 32 (Kokanee Narrows Northshore) taken October 29, 2008
2008_1029WASHIM_Oct0800276	Alluvial fan of Kokanee Creek Park in segment 32 (Kokanee Narrows Northshore) taken October 29, 2008
2008_1030WASHIM_Oct0800277	Beginning of segment 33 (Kokanee Landing) at the Kokanee Marina taken October 30, 2008.
2008_1030WASHIM_Oct0800278	Segment 33 (Kokanee Landing) at the Kokanee Marina taken October 30, 2008.
2008_1030WASHIM_Oct0800279	Segment 33 (Kokanee Landing) upstream of the Kokanee Marina taken October 30, 2008.
2008_1030WASHIM_Oct0800280	Developed shoreline and residences in segment 33 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800281	Residences in segment 33 (Kokanee Landing) with various levels of foreshore impact taken October 30, 2008.
2008_1030WASHIM_Oct0800282	Developed shoreline and residences in segment 33 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800283	Developed shoreline and residences in segment 33 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800284	Sand beach and residence at upstream end of segment 33 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800285	Highway fill at start of segment 34 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800286	Rocky bluff in segment 34 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800287	Residences in segment 34 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800288	Marine rail and dock in segment 34 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800289	Rocky bluff in segment 34 (Kokanee Landing) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800290	Rocky bluff and highway fill in segment 34 (Kokanee Landing) taken October 30, 2008.
2008_1030WASHIM_Oct0800291	Residences with many foreshore modifications at downstream end of segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800292	Residences with many foreshore modifications at downstream end of segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800293	Developed and natural foreshore in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800294	Residences with foreshore modifications in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800295	Residences with foreshore modifications in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800296	Summer properties in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800297	Sand beach and stonework groynes in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800298	New residential development in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800299	Sand beach with riparian evergreens in segment 35 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800300	Highway fill at downstream end of segment 36 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800301	Residences in segment 36 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800302	New residential development in segment 36 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800303	Beach properties in segment 36 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800304	Highway fill at the upstream end of segment 36 (Longbeach) taken October 30, 2008.
2008_1030WASHIM_Oct0800305	Beginning of segment 38 (Harrop Narrows) at downstream end taken October 30, 2008.
2008_1030WASHIM_Oct0800306	Residences in segment 38 (Harrop Narrows) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800307	Natural and minimally developed shoreline in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800308	Harrop-Proctor ferry terminal in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800309	Harrop-Proctor ferry terminal in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800310	Sand beach and native riparian vegetation in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800311	Residences in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800312	Residences in segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800313	Residences and navigational signage at upstream end of segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800314	Upstream end of segment 38 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800315	Inflowing Redfish Creek in segment 39 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800316	Start of segment 40 (Harrop Narrows) upstream of Redfish Creek taken October 30, 2008.
2008_1030WASHIM_Oct0800317	Residences and natural shoreline in segment 40 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800318	Natural shoreline in segment 40 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800319	Large stonework groyne and docks in segment 40 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800320	Residences setback from foreshore at upstream end of segment 40 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800321	Downstream end of segment 41 (Harrop Narrows) with residential land use taken October 30, 2008.
2008_1030WASHIM_Oct0800322	Large dock and marine rail in segment 41 (Harrop Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800323	Cement retaining wall at upstream end of segment 41 (Harrop Narrows) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800324	Start of downstream end of segment 42 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800325	Foreshore modifications and residences in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800326	Foreshore modifications and residences in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800327	Modified and natural shoreline in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800328	Modified and natural shoreline in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800329	New development site in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800330	Foreshore modifications and residences in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800331	Foreshore modifications, including boathouse, and residences in segment 42 (Fraser Narrows) taken October 30, 2008
2008_1030WASHIM_Oct0800332	Large rock retaining wall and dock at upstream end of segment 42 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800333	Natural rocky shoreline at downstream start of segment 43 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800334	Natural rocky shoreline in segment 43 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800335	Low level of impact foreshore development at downstream start of segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800336	Residences with evergreen riparian area intact in segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800337	Large dock in segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800338	Docks and residences in segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800339	Modified and natural shoreline in segment 44 (Fraser Narrows) taken October 30, 2008

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800340	Groynes, docks, and retaining walls in segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800341	Marina and wooden retaining wall at upstream end of segment 44 (Fraser Narrows) taken October 30, 2008.
2008_1030WASHIM_Oct0800342	Start of segment 45 (Balfour) at Marina sign taken October 30, 2008.
2008_1030WASHIM_Oct0800343	Rockwork along foreshore in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800344	Rock fill and marina in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800345	Natural shoreline in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800346	Agricultural area and cement embankment along foreshore in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800347	Agricultural area in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800348	Rockwork groynes, dock, and boathouse in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800349	Residence and sand beach in segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800350	Natural shoreline at upstream border of segment 45 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800351	Downstream start of segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800352	Residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800353	Residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800354	Many foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800355	Residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800356	Many foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800357	Industrial marina in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800358	Many foreshore modifications and a marina in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800359	Marina and Balfour ferry terminal in segment 46 (Balfour) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800360	Foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800361	Marina and residential development in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800362	Docks and boathouses in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800363	Sand beach and residence in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800364	Sand beach and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800365	Sand beach and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800366	Foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800367	Foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800368	Foreshore modifications and residences in segment 46 (Balfour) taken October 30, 2008.
2008_1030WASHIM_Oct0800369	Upstream end of segment 46 (Balfour) where the west arm joins the main lake. Photo taken October 30, 2008.
2008_1030WASHIM_Oct0800370	Start of segment 47 (Queens Bay) along the main lake upstream of confluence with west arm taken October 30, 2008.
2008_1030WASHIM_Oct0800371	Rockwork groynes in segment 47 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800372	Natural rocky shoreline in segment 47 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800373	Natural shoreline in segment 47 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800374	Residences and foreshore modifications at downstream end of segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800375	Residences and marine rail structures in segment 48 (Queens Bay) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800376	Rockwork groynes and residences in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800377	Residences in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800378	Residences and foreshore modifications in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800379	Residences and foreshore modifications in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800380	Residences and foreshore modifications in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800381	Residences and foreshore modifications in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800382	New residence with large rockwork retaining wall in segment 48 (Queens Bay) taken October 30, 2008.
2008_1030WASHIM_Oct0800383	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800384	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800385	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800386	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800387	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800388	Shoreline modifications for new development in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800389	Natural shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800390	Slightly modified rocky shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800391	Slightly modified rocky shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800392	Rocky shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800393	Rocky shoreline in segment 49 (Proctor) taken October 30, 2008.

Photo Number (.jpg)	Description ¹
2008_1030WASHIM_Oct0800394	Rocky shoreline with picnic table in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800395	Rocky and vegetated shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800396	Rocky and vegetated shoreline with "Kootenay Lake Village" sign in segment 49 (Proctor) taken October 30, 2008.
2008_1030WASHIM_Oct0800397	Rocky and vegetated shoreline in segment 49 (Proctor) taken October 30, 2008.
2008_1031WASHIM_Oct0800398	Upstream side of segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800399	Possible burn piles along the shoreline in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800400	Residence in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800401	Boat houses and marina in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800402	Looking downstream at boat houses, docks, and residences in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800403	Looking downstream at boat houses, docks, and residences in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800404	Docks and residences in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800405	Boat houses and rocky shoreline in segment 50 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800406	Vegetated bay in segment 51 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800407	Vegetated bay in segment 51 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800408	Residences with vegetated shoreline in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800409	Residences in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800410	Docks and residences in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800411	Boat house, rockwork and residences in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800412	Rockwork groynes in segment 52 (Proctor) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800413	Retaining wall and dock in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800414	Small marina in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800415	Boat attached to dock in segment 52 (Proctor) taken October 31, 2008.
2008_1031WASHIM_Oct0800416	Low rocky shoreline in segment 53 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800417	Low rocky shoreline with natural riparian vegetation in segment 53 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800418	Long dock and barge in segment 53 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800419	Low level of impact foreshore modifications in segment 53 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800420	Upstream end of segment 54 (Sunshine Bay) with retaining wall and rock groyne taken October 31, 2008.
2008_1031WASHIM_Oct0800421	Float plane storage in segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800422	New home with stone retaining wall and dock in segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800423	Residences with various levels of foreshore impact in segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800424	Stone retaining wall and marine rail in segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800425	Residence in segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800426	Natural riparian buffer at downstream end of segment 54 (Sunshine Bay) taken October 31, 2008.
2008_1031WASHIM_Oct0800427	Residences and sandy shoreline along Harrop beach at upstream end of segment 55 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800428	Residences and sandy shoreline along Harrop beach in segment 55 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800429	Residence and sandy shoreline along Harrop beach in segment 55 (Harrop) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800430	Beach downstream of Harrop at upstream end of segment 56 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800431	Natural sand beach in segment 56 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800432	Sand beach and dock in segment 56 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800433	Natural riparian buffer at downstream end of segment 56 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800434	Foreshore modifications at upstream start of segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800435	Foreshore modifications in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800436	Foreshore modifications including aging wood retaining wall in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800437	Foreshore modifications in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800438	Residences and wooden retaining wall in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800439	Residences and various foreshore modifications in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800440	Residences with riparian vegetative buffer in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800441	Rocky shoreline in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800442	Foreshore modifications in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800443	Residences with riparian vegetative buffer in segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800444	Sand beach at downstream end of segment 57 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800445	Natural area downstream of beach that is segment 58 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct0800446	Rock bluff that is the upstream end of segment 59 (Harrop) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct08000447	Rocky bluff and road fill in segment 59 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct08000448	Small cabin and beach in segment 59 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct08000449	Sandy beach and boat launch in segment 59 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct08000450	Natural riparian buffer between residence and foreshore in segment 59 (Harrop) taken October 31, 2008.
2008_1031WASHIM_Oct08000451	Natural shoreline in segment 60 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000452	Developed shoreline in segment 60 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000453	Rock fill below railway line in segment 61 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000454	Facing downstream at vegetated shoreline below railway line in segment 61 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000455	Small residence and boat house in segment 61 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000456	Natural vegetated shoreline in segment 61 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000457	Dwelling and sand beach in segment 61 (Kokanee Narrows Southshore) taken October 31, 2008.
2008_1031WASHIM_Oct08000458	Upstream end of Lasca Creek alluvial fan in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct08000459	Accretion area at Lasca Creek mouth in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct08000460	Park area in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct08000461	Vegetated shoreline in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct08000462	Sand beach, docks and residences in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct08000463	Old wooden mooring structures in segment 62 (Atbara) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800464	Residences and foreshore activities in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800465	Residences and foreshore activities in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800466	Residences and groynes in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800467	Railway line and vegetated shoreline in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800468	Rocky shoreline and some foreshore structures in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800469	Rocky shoreline and residence in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800470	Rocky shoreline and Tunstall Creek inflow in segment 62 (Atbara) taken October 31, 2008.
2008_1031WASHIM_Oct0800471	Dock and sand beach at downstream end of segment 62 (Atbara) at 7 mile point. Taken October 31, 2008.
2008_1031WASHIM_Oct0800472	Upstream end of segment 63 (Seven Mile Point) at downstream end of Tunstall Creek alluvial fan. Taken October 31, 2008.
2008_1031WASHIM_Oct0800473	Sand beach in segment 63 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800474	Sand beach and residences in segment 63 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800475	Rocky shoreline and residence in segment 63 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800476	Beach area at downstream end of segment 63 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800477	Railway line and fill at upstream end of segment 64 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800478	Continued railway line to downstream end of segment 64 (Seven Mile Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800479	Upstream end of Five Mile Point alluvial fan in segment 65 (Troup Junction) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800480	Five Mile Point alluvial fan in segment 65 (Troup Junction) taken October 31, 2008.
2008_1031WASHIM_Oct0800481	Five Mile Creek inflow in segment 65 (Troup Junction) taken October 31, 2008.
2008_1031WASHIM_Oct0800482	Railway line of Burlington Straight in segment 66 (Troup Junction) taken October 31, 2008.
2008_1031WASHIM_Oct0800483	Upstream end of segment 67 (Troup Junction) taken October 31, 2008.
2008_1031WASHIM_Oct0800484	Residences at downstream end of segment 67 (Troup Junction) taken October 31, 2008.
2008_1031WASHIM_Oct0800485	Residential developments at Bealbys Point in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800486	Residential developments at Bealbys Point in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800487	Stonework retaining walls and groynes in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800488	Retaining walls, groynes and dock in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800489	Residences in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800490	High level of impact in segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800491	Downstream end of segment 68 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800492	Vegetated shoreline and railway above in segment 69 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800493	Rock fill along shoreline in segment 69 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800494	Old barge with new residences above in segment 69 (Horlick-Bealbys Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800495	Downstream end of segment 69 (Horlick-Bealbys Point) at start of the John's Walk subdivision taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800496	Upstream end of John's Walk subdivision at start of segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800497	John's Walk subdivision near start of segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800498	Residential development and rock fill along the shoreline of segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800499	Facing downstream toward new residences in segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800500	Facing upstream towards new John's Walk development in segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800501	Downstream view of police station and bridge in segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800502	Underneath the big orange bridge which is the downstream end of segment 70 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800503	Lakeside park at upstream end in segment 71 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800504	Lakeside park at downstream end in segment 71 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800505	Rock fill below Lakeside park soccer fields in segment 72 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800506	Rock fill below Lakeside park soccer fields in segment 72 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800507	Rock fill below the mall, facing downstream to the Prestige Inn, in segment 72 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800508	Prestige marina at the downstream end of segment 72 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800509	Rockwork below the Nelson airstrip in segment 73 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800510	Facing downstream towards boat houses below the Nelson airstrip in segment 73 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800511	Boathouses in segment 73 (Nelson) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800512	Vegetated shoreline and large rock groyne in segment 73 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800513	Vegetated shoreline and large rock groyne in segment 73 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800514	Rock fill along shoreline in segment 73 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800515	Cottonwood Creek mouth marks upstream end of segment 74 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800516	Shoreline below the transfer station in segment 74 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800517	Railway line downstream of the transfer station in segment 74 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800518	Railway line below and highway 3A above in segment 75 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800519	Railway line in segment 75 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800520	Railway line in segment 75 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800521	Rocky bluff in segment 75 (Nelson) taken October 31, 2008.
2008_1031WASHIM_Oct0800522	Highway fill below industrial development in segment 76 (Grohman Narrows Provincial Park) taken October 31, 2008.
2008_1031WASHIM_Oct0800523	Vegetated rocky shoreline below a provincial park in segment 77 (Grohman Narrows Provincial Park) taken October 31, 2008.
2008_1031WASHIM_Oct0800524	Looking downstream at the Taghum bridge in segment 78 (Taghum) taken October 31, 2008.
2008_1031WASHIM_Oct0800525	Facing downstream toward the bridge on the north shore in segment 78 (Taghum) taken October 31, 2008.
2008_1031WASHIM_Oct0800526	Residence and vegetated shoreline in segment 78 (Taghum) taken October 31, 2008.
2008_1031WASHIM_Oct0800527	Residence and vegetated, rocky shoreline in segment 78 (Taghum) taken October 31, 2008.
2008_1031WASHIM_Oct0800528	Downstream end of agricultural property in segment 79 (Taghum) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800529	Upstream end of agricultural property in segment 79 (Taghum) taken October 31, 2008.
2008_1031WASHIM_Oct0800530	Natural shoreline in segment 80 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800531	Rocky bluff and Louise Porto in foreground in segment 80 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800532	Steep bank along shoreline in segment 80 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800533	Grohman creek mouth in segment 80 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800534	Grohman creek mouth in segment 80 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800535	Low rocky shoreline near downstream end of segment 81 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800536	Boat launch/ marina upstream of Grohman Creek in segment 81 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800537	Rocky cliff/bluff in segment 82 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800538	Sandy beach with residences in segment 83 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800539	Residence with sand beach and rocky bluff upstream in segment 84 (Grohman Narrows Northshore) taken October 31, 2008.
2008_1031WASHIM_Oct0800540	Rocky bluff at downstream end of segment 85 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800541	Rocky bluff with stairs and dock in segment 85 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800542	Rocky bluff with stairs and dock in segment 85 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800543	n/a
2008_1031WASHIM_Oct0800544	New rockwork retaining walls, stairs, and dock at downstream end of segment 86 (Burns Point) taken October 31, 2008.

Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800545	Stonework groynes and residences in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800546	Retaining walls and boat house below large residence in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800547	Foreshore modifications in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800548	Stone retaining walls and residence in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800549	Rocky bluff and dock in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800550	Urban development and new cleared beach areas in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800551	Urban development and new cleared beach areas in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800552	Rockwork groynes and cleared beach in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800553	Rockwork groynes and cleared beach in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800554	Residences in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800555	Residences in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800556	Developed beachfront in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800557	Rockwork groynes and cleared beach in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800558	Rockwork groynes and cleared beach in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800559	Cleared sandy beach becoming rocky shoreline in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800560	Cleared sandy beach becoming rocky shoreline in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800561	Rocky shore and residence in segment 86 (Burns Point) taken October 31, 2008.

DFO

Kootenay Lake Mapping
Nelson, BC
March 2009



Photo Number (.jpg)	Description ¹
2008_1031WASHIM_Oct0800562	Old ferry landing downstream of the orange bridge in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800563	Old ferry landing downstream of the orange bridge in segment 86 (Burns Point) taken October 31, 2008.
2008_1031WASHIM_Oct0800564	Facing upstream towards the orange bridge at end of segment 86 (Burns Point) taken October 31, 2008.

¹ Brackets indicate designated location names that are referred to in the report.

APPENDIX A

Hard copy of Data Dictionary

Shim Lake 2004_V2.0

Windermere

Lake_Shoreline	Line Feature, Label 1 = Segmnt_Num, Label 2 = Shore_Type
	Lake shore
	Separator
LAKE REFERENCE	Separator
Lake_Name	Text, Maximum Length = 100
	Normal, Normal
Organizati	Text, Maximum Length = 50
	Normal, Normal
Date	Date, Auto generate Create, Year-Month-Day Format
	Normal, Normal
Time	Time, Auto generate Create, 24 Hour Format
	Normal, Normal
Crew	Text, Maximum Length = 50
	Normal, Normal
Weather	Menu, Normal, Normal
Light Rain [L]	
Heavy Rain [H]	
Snow/Sleet [N]	
Over cast [OV]	
Clear [S]	
Partly Cloudy [PC]	
Other [O]	
Air_Temp	Numeric, Decimal Places = 1, degrees centigrade
	Minimum = -25, Maximum = 45, Default Value = 0
	Normal, Normal
Water_Temp	Numeric, Decimal Places = 1, degrees celsius
	Minimum = -2, Maximum = 29, Default Value = 0
	Normal, Normal
Comments	Text, Maximum Length = 100
	Normal, Normal
	Separator
SEGMENT CLASS	Separator
Segmnt_Num	Numeric, Decimal Places = 1, Unique Identification number for segment
	Minimum = 0, Maximum = 99999, Default Value = 0
	Required, Required
Shore_Type	Menu, Required, Required
Cliff/Bluff	
Gravel Beach	
Sand Beach	
Vegetated Shore	
Low Rocky Shore	
Alluvial Fan	
Wetland	
Other	
Land_Use	Menu, Normal, Normal
Natural	
Agriculture	
Urban Development	
Park	
Recreation	
Forestry	
Industrial	
Disturbed	
Lev_of_Imp	Menu, Normal, Normal, Level of Impact
Low	
Medium	
High	
Livest_Acc	Menu, Normal, Normal, Stream segmnet accessible to live-stock
Yes	
No Default	
PhotoNum	Text, Maximum Length = 100, Roll and print number of photograph
	Normal, Normal
Tape_Numb	Text, Maximum Length = 100, Original Video Tape Number
	Normal, Normal
Video_Time	Text, Maximum Length = 100, Time stamp on original video tape
	Normal, Normal
Cmnt_Clas	Text, Maximum Length = 100, Comments for Segment
	Normal, Normal
	Separator
LAND USE	Separator
Urban/Res	Numeric, Decimal Places = 0, Percent Urban / Residential
	Minimum = 0, Maximum = 100, Default Value = 0
	Normal, Normal

Commercial	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Rural	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Agriculture	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Park	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Industrial	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Natural	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Disturbed	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Separator	
SHORE TYPE	Separator
Cliff/Bluff	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Gravel_Bea	Numeric, Decimal Places = 0, Gravel Beach Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Sand_Beach	Numeric, Decimal Places = 0, Sand Beach Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Vege_Shore	Numeric, Decimal Places = 0, Vegetated Shoreline Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Lw_Rcky_Sh	Numeric, Decimal Places = 0, Low Rocky Shore Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Wetland	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Other	Numeric, Decimal Places = 0, Percent Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Separator	
SUBSTRATE	Separator
Sub_Fines	Numeric, Decimal Places = 0, Percent Fines Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Sub_Gravel	Numeric, Decimal Places = 0, Percent Gravel Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Sub_Cobble	Numeric, Decimal Places = 0, Percent Cobble Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Sub_Boulder	Numeric, Decimal Places = 0, Percent Boulder Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Sub_Bedrock	Numeric, Decimal Places = 0, Percent Bedrock Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
Compaction	Menu, Normal, Normal, Level of substrate compaction
Low [L]	
Medium [M]	
High [H]	
Unknown	Default
Commnt_Sub	Text, Maximum Length = 100, Comment for Substrates Normal, Normal
Separator	
RIPARIAN FORESHORE	Separator
Rip_Class	Menu, Required, Required, Riparian Class
Coniferous forest [VNF]	
Broadleaf forest [VBF]	
Mixed forest [VMF]	
Shrubs [VSH]	
Herbs/grasses [VHB]	

Exposed soil [NEL]
 Natural wetland [WN]
 Disturbed wetland [DWN]
 Row Crops [NAG]
 Rock [NNB]

Rip_Qualif Menu, Normal, Normal, Riparian Class Qualifier
 Natural [n]
 Agriculture [ag]
 Urban Residential [ur]
 Recreation [r]
 Disturbed [d]
 Unknown [u]
 Other [o]

Rip_Stage Menu, Normal, Normal, Structural Stage
 low shrubs <2m [3a]
 tall shrubs 2-10m [3b]
 sapling >10m [4]
 young forest [5]
 mature forest [6]
 old forest [7]

Shor_Cover Menu, Normal, Normal, Shoreline Cover
 None []
 Sparse (<5%) []
 Moderate (5-20%) []
 Abundant (>20%) []

Rip_Veter Menu, Normal, Normal, Riparian Veterans
 No Default
 <5
 >=5

Rip_Snag Menu, Normal, Normal, Presence of Snags
 No Default
 <5
 >=5

Rip_Bandwi Numeric, Decimal Places = 0, Riparian Bandwidth
 Minimum = 0, Maximum = 9999, Default Value = 0
 Normal, Normal

Rip_Banks1 Numeric, Decimal Places = 0, Riparian bankslope
 Minimum = -90, Maximum = 90, Default Value = 0
 Normal, Normal

Rip_Overha Numeric, Decimal Places = 0, Riparian Overhang
 Minimum = 0, Maximum = 100, Default Value = 0
 Normal, Normal

Aquati_Veg Menu, Normal, Normal, Aquatic Vegetation
 % submerged
 % emergent
 % other

Rip_Commnt Text, Maximum Length = 100, Comment Riparian
 Normal, Normal
 Separator

LITTORAL ZONE Separator

Littoral_Z Menu, Normal, Normal, Littoral Zone
 Shallow Default
 Moderate
 Steep

Spawn_H Menu, Normal, Normal, Suitable Spawning gravels
 Suitable
 Not suitable
 Unknown Default

Commnt_Lit Text, Maximum Length = 100, Comment for Littoral zone
 Normal, Normal
 Separator

MODIFICATIONS Separator

Retain_Wal Numeric, Decimal Places = 0, Retaining walls per segment
 Minimum = 0, Maximum = 99999999, Default Value = 0
 Normal, Normal

Retain_Mat Menu, Normal, Normal
 Concrete
 Stonework
 Mixed
 Wood
 Metal
 Other

Docks Numeric, Decimal Places = 0, Docks per segment
 Minimum = 0, Maximum = 99999999, Default Value = 0
 Normal, Normal

Dock_Mater Menu, Normal, Normal, Dock Material

Concrete	
Stonework	
Mixed	
Wood	Default
Metal	
Synthetic	
Other	
Groynes	Numeric, Decimal Places = 0, Groynes per segment Minimum = 0, Maximum = 99999999, Default Value = 0 Normal, Normal
Groyne_Mat	Menu, Normal, Normal, Groyne Material
Concrete	
Stonework	
Mixed	
Wood	
Metal	
Synthetic	
Other	
Railway	Menu, Normal, Normal, Railway Line present
Yes	
No	Default
Marin_Rail	Numeric, Decimal Places = 0, Marine Railways per segment Minimum = 0, Maximum = 99999999, Default Value = 0 Normal, Normal
Marinas	Numeric, Decimal Places = 0, Marinas per segment Minimum = 0, Maximum = 99999999, Default Value = 0 Normal, Normal
Commnt_Mod	Text, Maximum Length = 100, Comments on modification Normal, Normal
FLORA & FAUNA	Separator
Cmmnt_Flra	Text, Maximum Length = 100, Flora Comment Normal, Normal
Cmmnt_Faun	Text, Maximum Length = 100, Fauna Comment Normal, Normal
Waterbody	Point Feature, Label 1 = Point_number, Label 2 = Type_Water location of an adjacent waterbody
Point_number	Numeric, Decimal Places = 1, unique point identification number Minimum = 0, Maximum = 99999, Default Value = 0, Step Value = 1 Normal, Normal
Water_Name	Text, Maximum Length = 100, Waterbody Name Normal, Normal
Type_Water	Menu, Normal, Normal, Code for feature
Tributary [HMT]	
Groundwater Seep	
Natural Springs [HMS]	
Beaver Pond [BP]	
Other [HM]	
Inlet/Outl	Menu, Normal, Normal
Inlet	
Outlet	
Length	Numeric, Decimal Places = 2, Waterbody length Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Width	Numeric, Decimal Places = 2, Bankfull Width Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Depth	Numeric, Decimal Places = 2, Bankfull Depth Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Temperatur	Numeric, Decimal Places = 2, Water temperature Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
PhotoNum	Text, Maximum Length = 10, Roll and print number of photograph Normal, Normal
Comments	Text, Maximum Length = 100 Normal, Normal
Point	Point Feature
Type Point	Text, Maximum Length = 100 Normal, Normal
PhotoNum	Text, Maximum Length = 100, Photo number Normal, Normal
Comments	Text, Maximum Length = 100 Normal, Normal

Line	Line Feature
Type Point	Text, Maximum Length = 100 Normal, Normal
PhotoNum	Text, Maximum Length = 100, Roll and print number of photograph Normal, Normal
Comments	Text, Maximum Length = 100 Normal, Normal
Segment	Point Feature, Label 1 = Comment
Comment	Text, Maximum Length = 100 Normal, Normal
Dock	Point Feature
Boat Launch	Point Feature
Tributary	Point Feature
Erosion	Point Feature, Label 1 = Point_number, Label 2 = Source_Erosion
Point_number	Numeric, Decimal Places = 1, unique point identification number Minimum = 0, Maximum = 99999, Default Value = 0 Normal, Required
Source_Erosion	Menu, Normal, Normal, Code for feature
Bank Erosion [HCEB]	
Culvert [CV]	
Headwall [H]	
Lack of Riparian Veg [WDL]	
Livestock Access [WDC]	
Lakeside Grazing [WDG]	
Landslide	
Sloughing	
Other [O]	
Severity	Menu, Normal, Required
<5m sq [L]	
5-10m sq [M]	
>10m sq [S]	
Exposure	Menu, Normal, Normal
Clay [C]	
Till [T]	
Bedrock [B]	
Roots [R]	
Soil [S]	
Other [O]	
Length	Numeric, Decimal Places = 2, Feature length Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Width	Numeric, Decimal Places = 2, Width of Feature Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Height	Numeric, Decimal Places = 2, Height of feature Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Slope	Numeric, Decimal Places = 0 Minimum = 0, Maximum = 90, Default Value = 0 Normal, Normal
PhotoNum	Text, Maximum Length = 10, Roll and print number of photograph Normal, Normal
Comments	Text, Maximum Length = 100 Normal, Normal
Modification	Point Feature, Label 1 = Point_number, Label 2 = Type_Modification
Point_number	Numeric, Decimal Places = 1, unique point identification number Minimum = 0, Maximum = 99999, Default Value = 0 Normal, Normal
Type_Modification	Menu, Normal, Normal, Code for feature
Boat House	
Boat_Launch	
Catchbasin [CB]	
Dam [HOD]	
Detention Pond [DP]	
Dock [DK]	
Dredging [HBDD]	
Fences [HOF]	
FloodGate [FG]	
Garbage/Pollution [WP]	

Gravel Pit [GP]
 Livestock crossing [LC]
 Logging [LG]
 Marina
 PipeCrossing [PL]
 Pump Station [PS]
 Retain Wall/Bank Stb [EHB]
 Rip_Rap [RR]
 Road [R]
 Trail [TR]
 Water Withdrawal [FUP]
 Other [O]

Type_Material Menu, Normal, Normal

Concrete [C]
 Gabions [GB]
 Pilings [P]
 Stonework [S]
 Sandbags [SB]
 Wood [W]
 Gravel [G]
 Bark_Mulch [BM]
 Asphalt [AS]
 Dyke [DY]
 Other [O]

Length Numeric, Decimal Places = 2, Feature length
 Minimum = 0, Maximum = 1000, Default Value = 0
 Normal, Normal

Width Numeric, Decimal Places = 2, Width of Feature
 Minimum = 0, Maximum = 1000, Default Value = 0
 Normal, Normal

Height Numeric, Decimal Places = 2, Height of feature
 Minimum = 0, Maximum = 1000, Default Value = 0
 Normal, Normal

High_Water Menu, Normal, Normal, Above or below high water

Above

Below

PhotoNum Text, Maximum Length = 10, Roll and print number of photograph
 Normal, Normal

Comments Text, Maximum Length = 100
 Normal, Normal

Discharge Point Feature

Point_number Numeric, Decimal Places = 1, unique point identification number
 Minimum = 0, Maximum = 99999, Default Value = 0
 Normal, Normal

Type_Discharge Menu, Normal, Normal, Code for feature

Agricultural Runoff [WPA]
 HouseEffluent [WE]
 Landfill Leachates [WPML]
 Pollutant [WP]
 Pulp Mill/Effluent [WPP]
 Storm Drain [WPD]
 Septic Effluent [WPMP]
 Tile Drain [WPI]
 Trench [WPE]
 Other [O]

Culvert Menu, Normal, Normal, Culvert material

Concrete [C]
 Steel [S]
 Wood [W]
 Iron [I]
 PVC [P]
 Asphalt coded [AD]
 Corrugated Steel [CS]
 Other [O]

Headwall Menu, Normal, Normal, Does a headwall exist

Concrete [C]
 Concrete Block [CB]
 Gabion [G]
 Sand bag [SB]
 Wood [W]

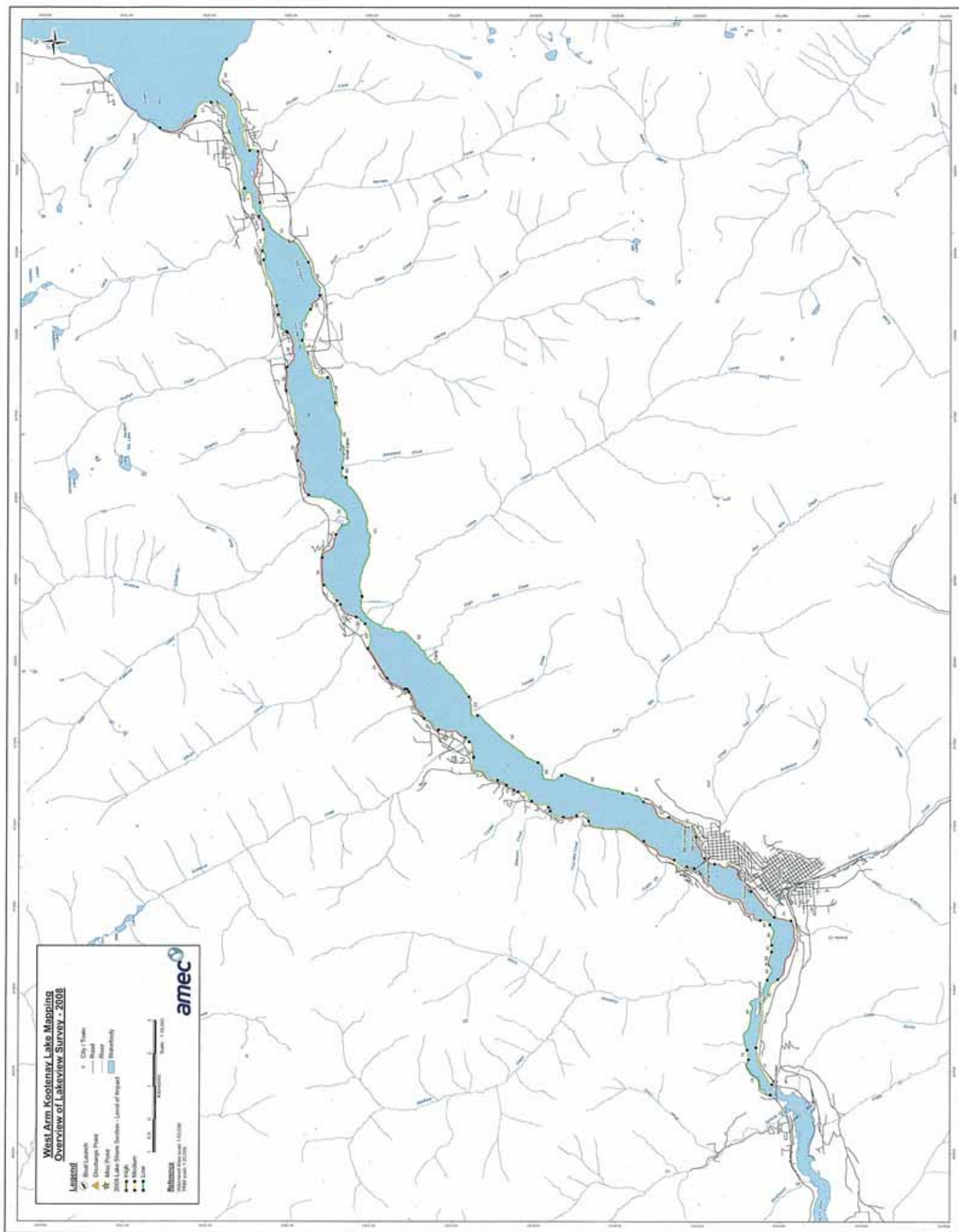
Length Numeric, Decimal Places = 2, Feature length
 Minimum = 0, Maximum = 1000, Default Value = 0
 Normal, Normal

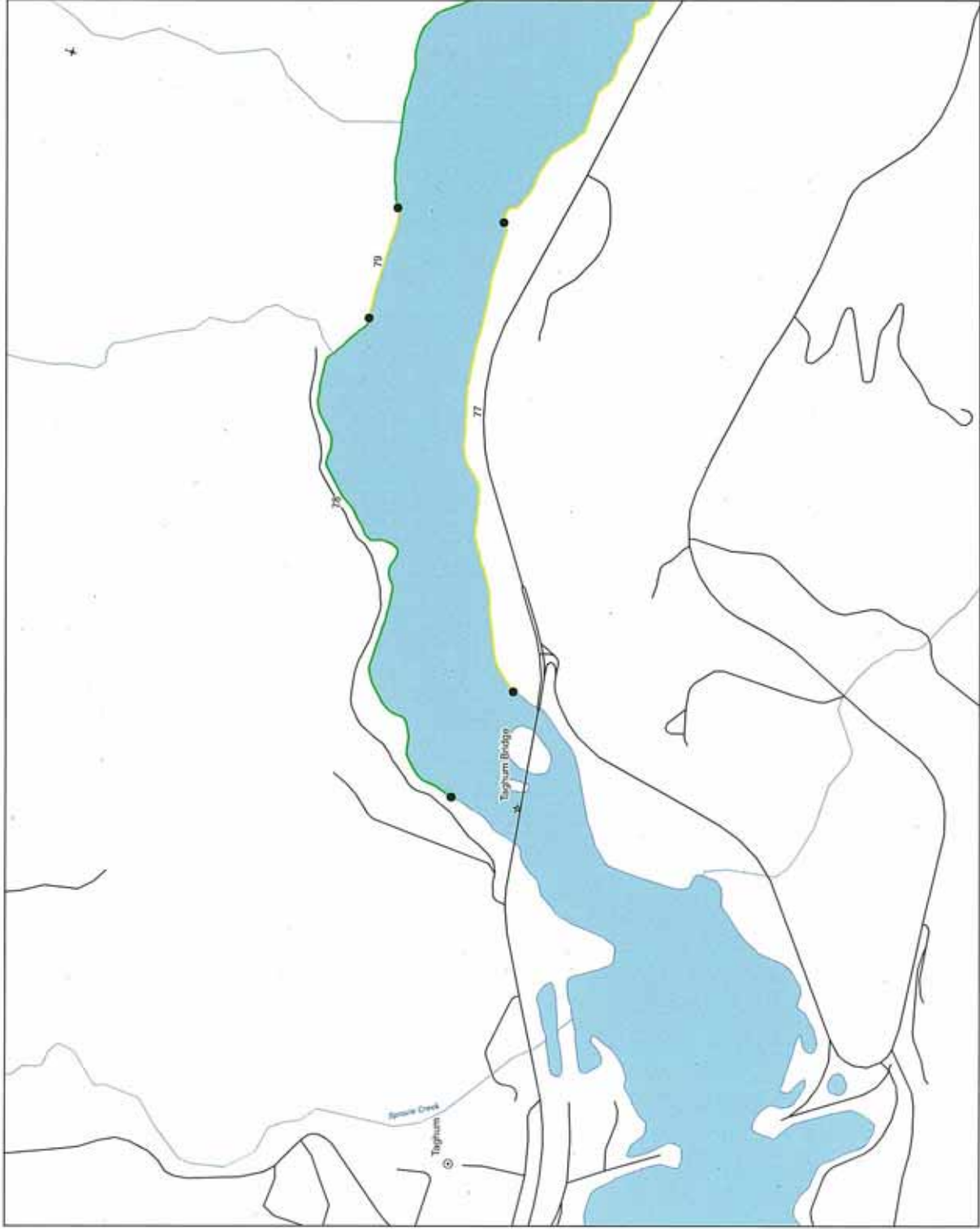
Width Numeric, Decimal Places = 2, Width of Feature
 Minimum = 0, Maximum = 1000, Default Value = 0

	Normal, Normal
Diameter	Numeric, Decimal Places = 2, Diameter of feature Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Height	Numeric, Decimal Places = 2, Height of feature Minimum = 0, Maximum = 1000, Default Value = 0 Normal, Normal
Temperature	Numeric, Decimal Places = 2, Water temperature Minimum = 0, Maximum = 100, Default Value = 0 Normal, Normal
PhotoNum	Text, Maximum Length = 10, Roll and print number of photograph Normal, Normal
Comments	Text, Maximum Length = 100 Normal, Normal

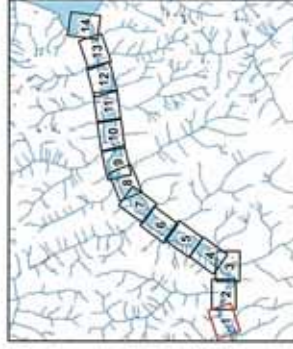
APPENDIX B

GIS Survey Maps





- Legend**
- Boat Launch
 - ▲ Discharge Point
 - ★ Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000

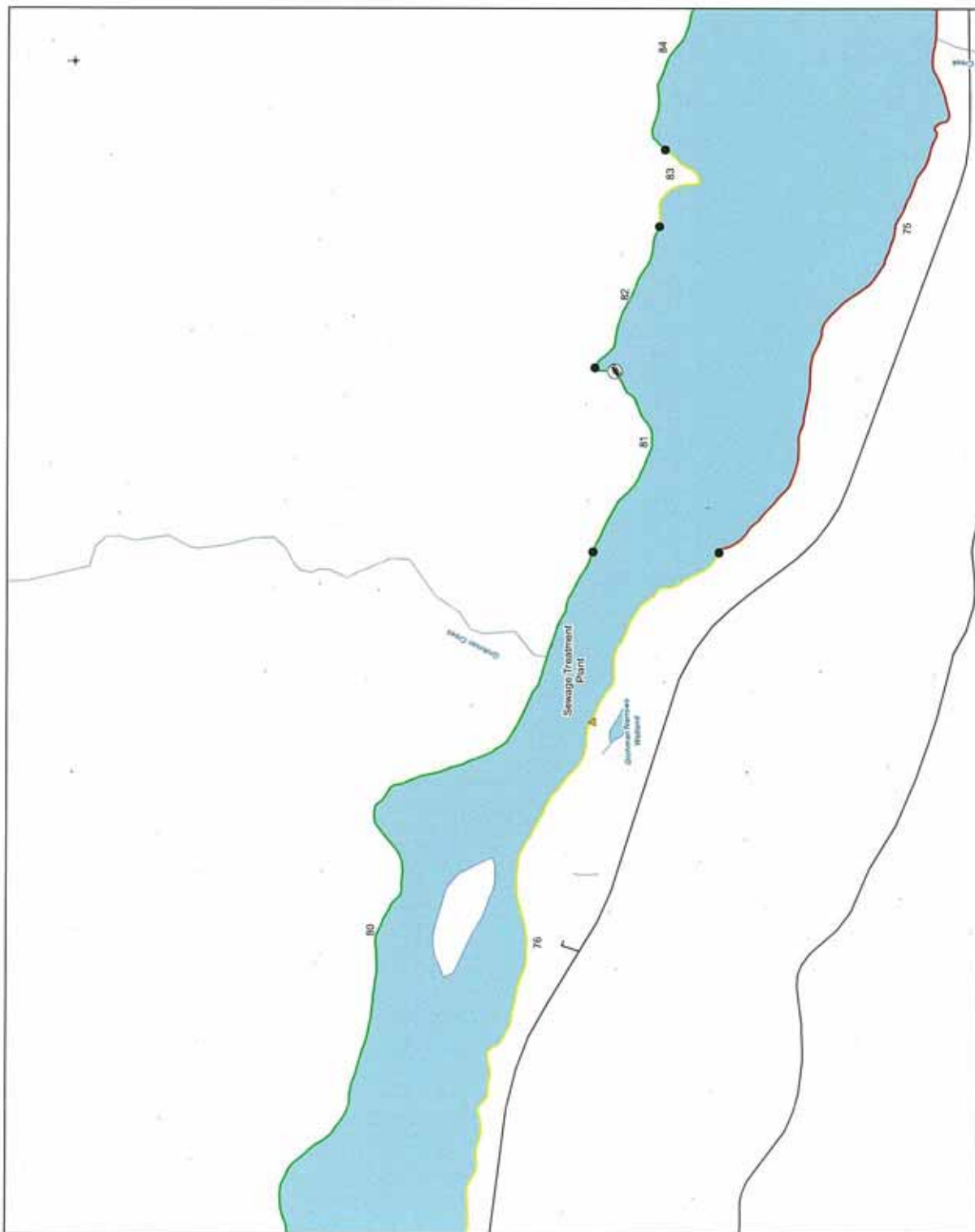
0 100 200 400 Meters

Reference

Hydrology - Trias
Roads - National Road Network

Fisheries & Oceans Canada			
West Arm Kootenay Lake Mapping			
Overview of Lakeview Survey - 2008			
DATE	February 16, 2009	DATE	Map 1
NAME	VES1847	DATE	lake_section_mapbook.pdf
PROJECT	lake_section_mapbook.pdf	DATE	lake_section_mapbook.pdf
UTM Zone 11	NAD83	DATE	NAD83





Reference

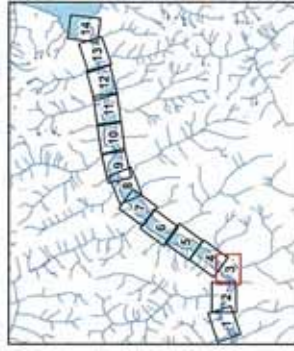
Fisheries & Oceans Canada

West Arm Kootenay Lake
Mapping

Overview of Lakeview
Survey - 2008

[illegible]

- Legend**
- Boat Launch
 - ★ Discharge Point
 - ★ Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody

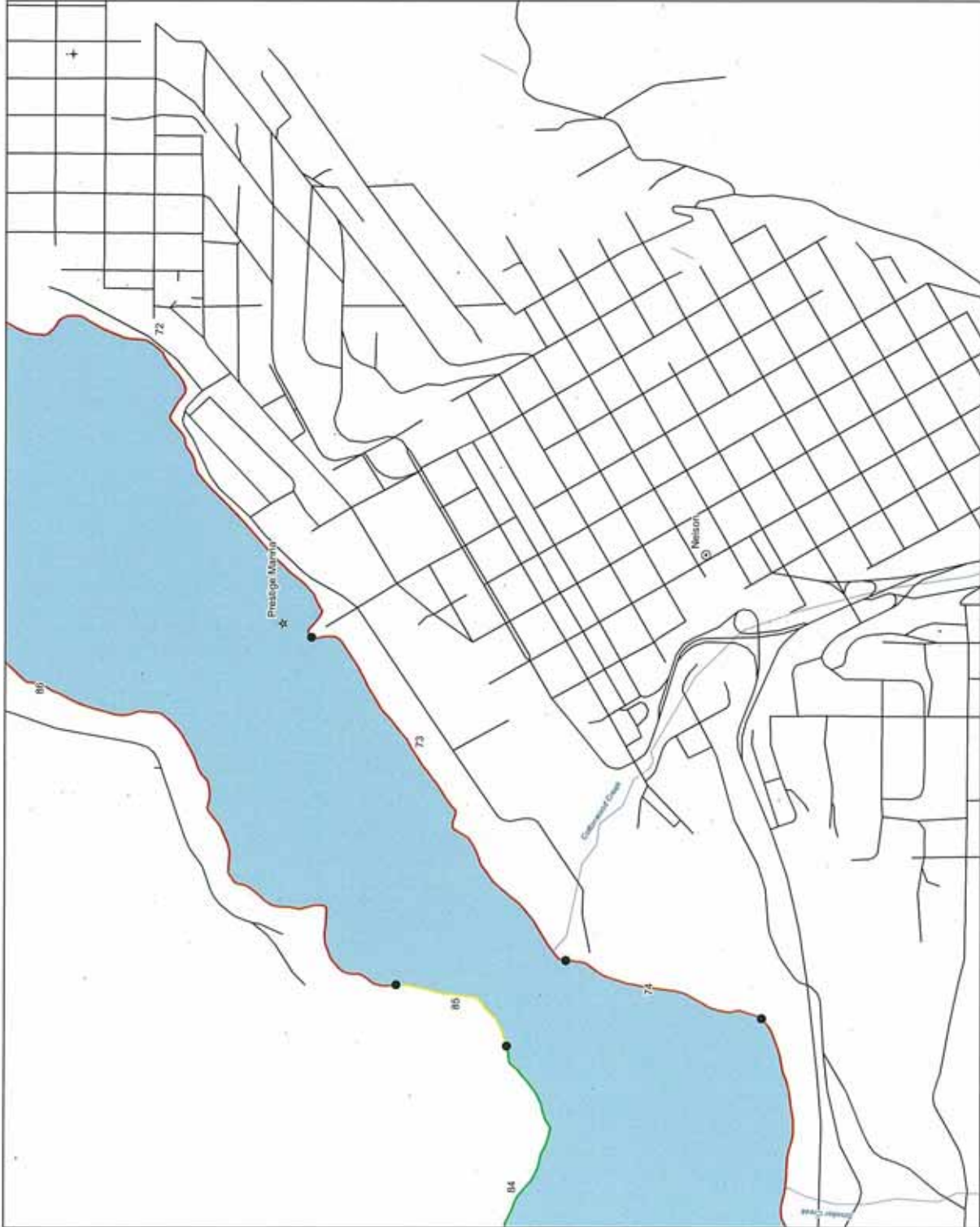


Reference
 Hydrology - Titus
 Roads - National Road Network

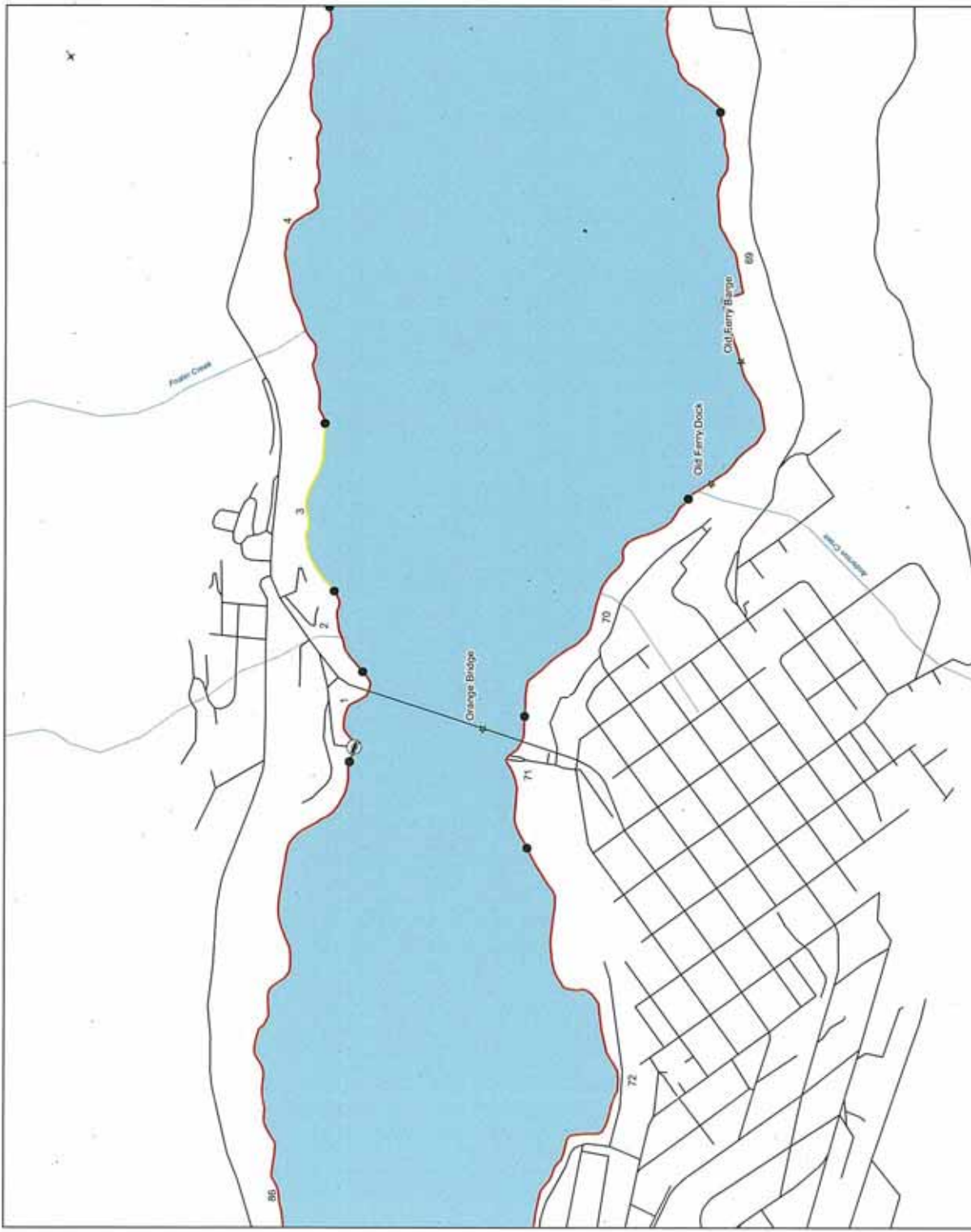
Fisheries & Oceans Canada
 West Arm Kootenay Lake
 Mapping

Overview of Lakeview Survey - 2008

DATE	February 16, 2009	PROJECT	Map 3
BY	EDN	FILE	lake_section_mapbook.pdf
APP	VS1847	DATE	LP
DESCRIPTION	lake_section_mapbook.mxd	UTM Zone	11
PROJ	UTM Zone 11	PROJ	NAD83



- Legend**
- Boat Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody

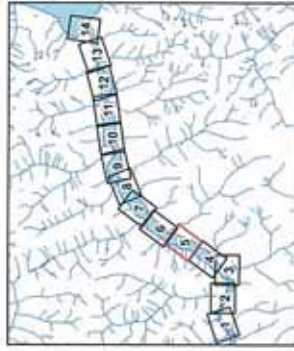


Reference
 Hydrology - TTRM
 Roads - National Road Network

Fisheries & Oceans Canada	
West Arm Kootenay Lake	
Mapping	
Overview of Lakeview Survey - 2008	
Date	February 16, 2008
Drawn by	EDN
Checked by	LP
File Name	lake_section_mapbook.pdf
Map Sheet	Map 4
UTM Zone	11
UTM Easting	NAD83



- Legend**
- Soil Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000



Reference

Hydrology - TRIM
Roads - National Road Network

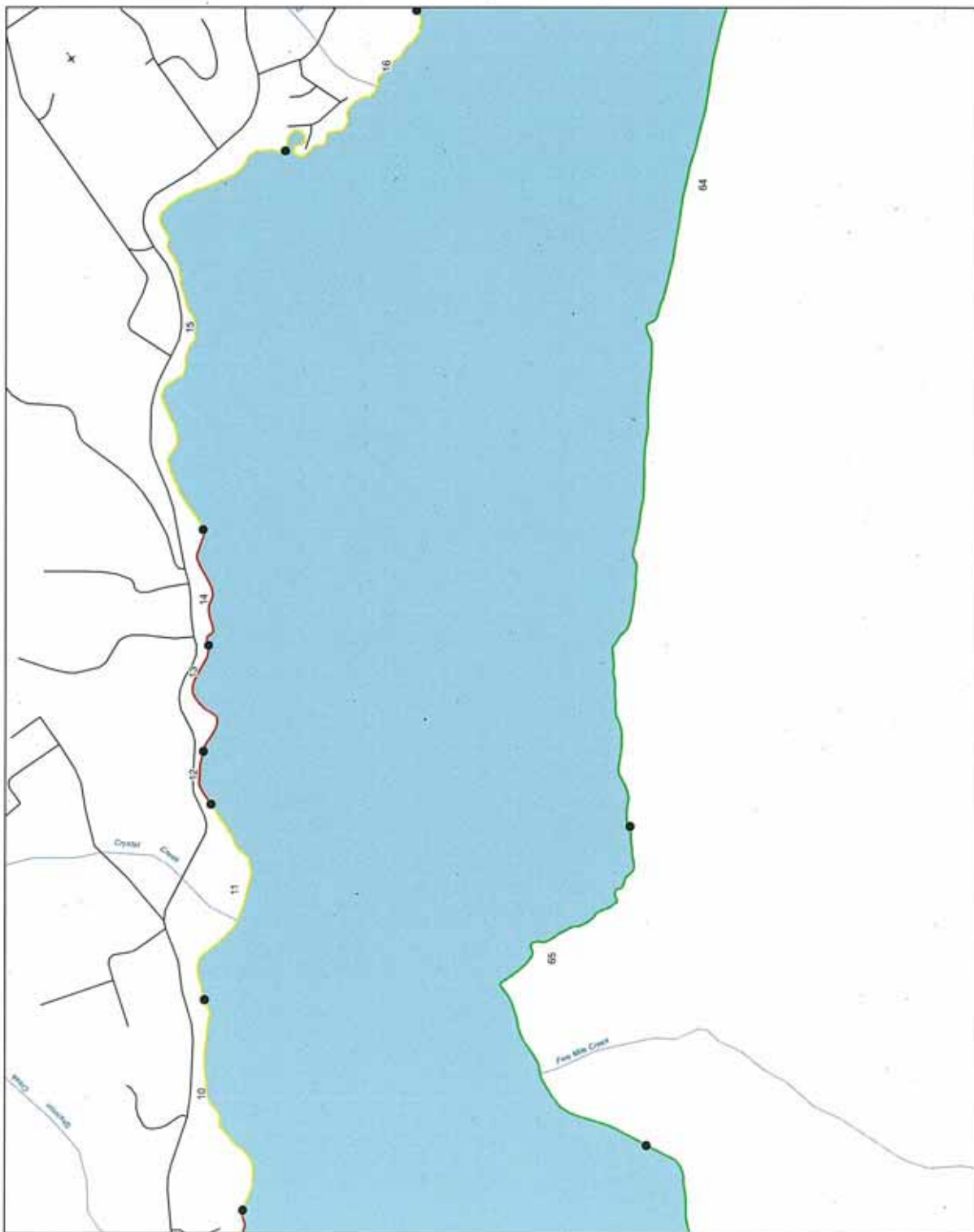
Fisheries & Oceans Canada

West Arm Kootenay Lake
Mapping

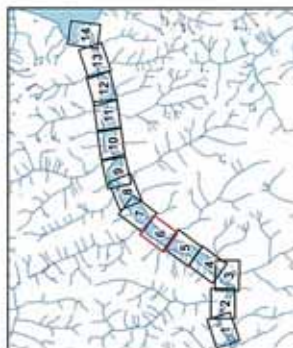
**Overview of Lakeview
Survey - 2008**

DATE	February 16, 2009	MAP FILE	Map 5
MAP NO.	VE51847	MAP FILE	lake_section_mapbook.pdf
MAP NO.	VE51847	MAP FILE	lake_section_mapbook.pdf
UTM Zone	11	UTM Zone	11
UTM Zone	11	UTM Zone	11





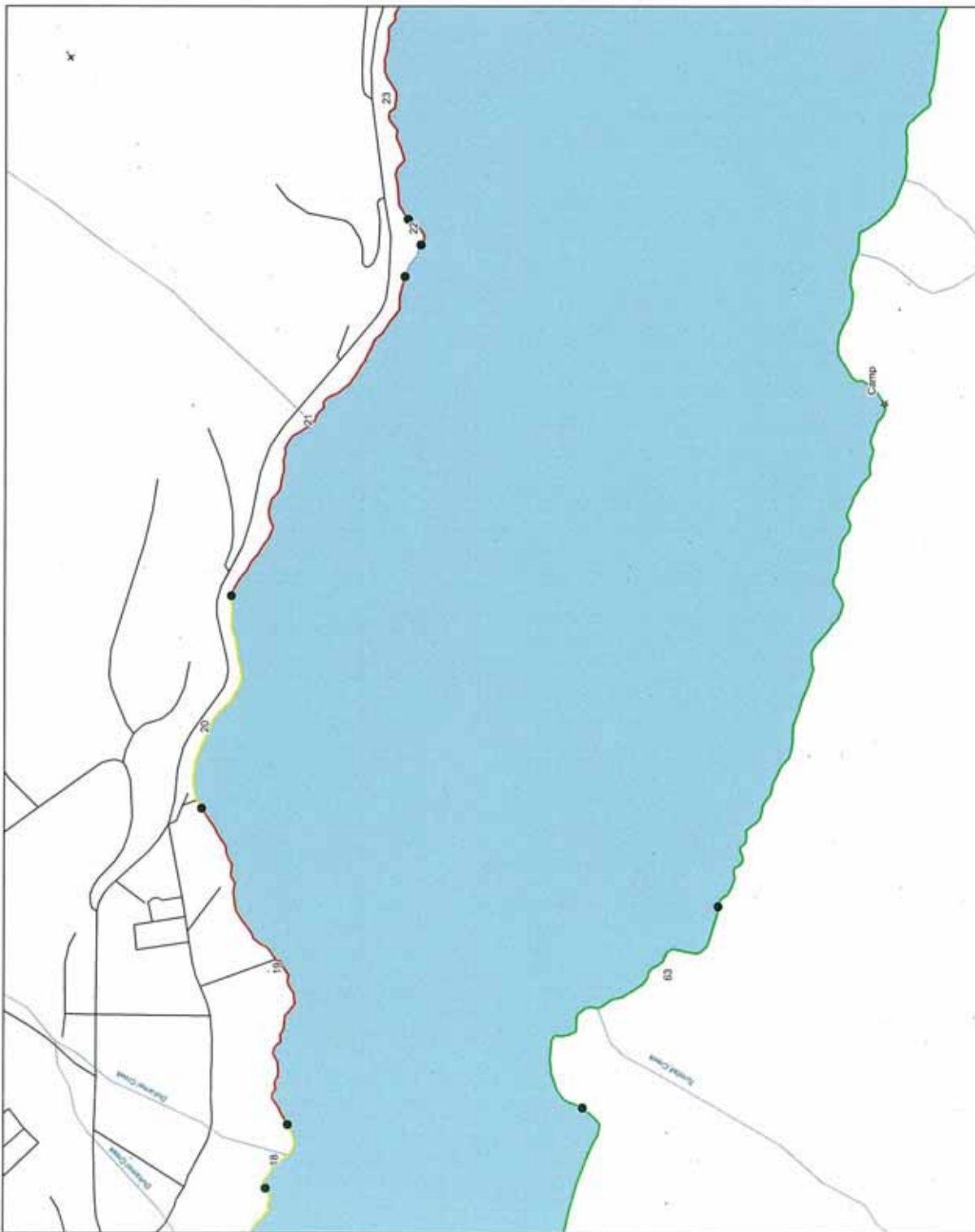
- Legend**
- Road Launch
 - ▲ Discharge Point
 - ★ Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



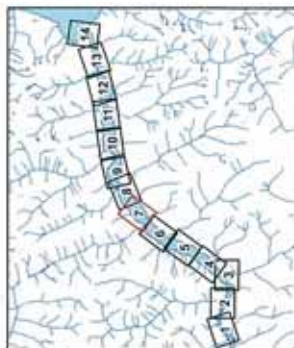
Reference
 Highway 16
 Roads - National Road Network

Fisheries & Oceans Canada			
West Arm Kootenay Lake Mapping			
Overview of Lakeview Survey - 2008			
DATE	February 16, 2009	EDN	Map 6
USER	WES1647	LP	lake_section_mapbook.pdf
FILE	lake_section_mapbook.mxd		
PROJECTION	UTM Zone 11	NAD83	





- Legend**
- Boat Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000

200 100 0 200 400

Meters

References

Hydrology - TRIM

Roads - National Road Network

Fisheries & Oceans Canada

West Arm Kootenay Lake

Mapping

Overview of Lakeview Survey - 2008

Map 7

DATE: February 16, 2009

PROJECT: ECON

MAP FILE: Map 7

MAP FILE: Map 7

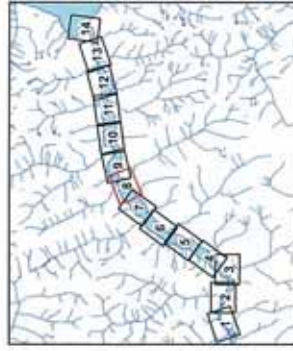
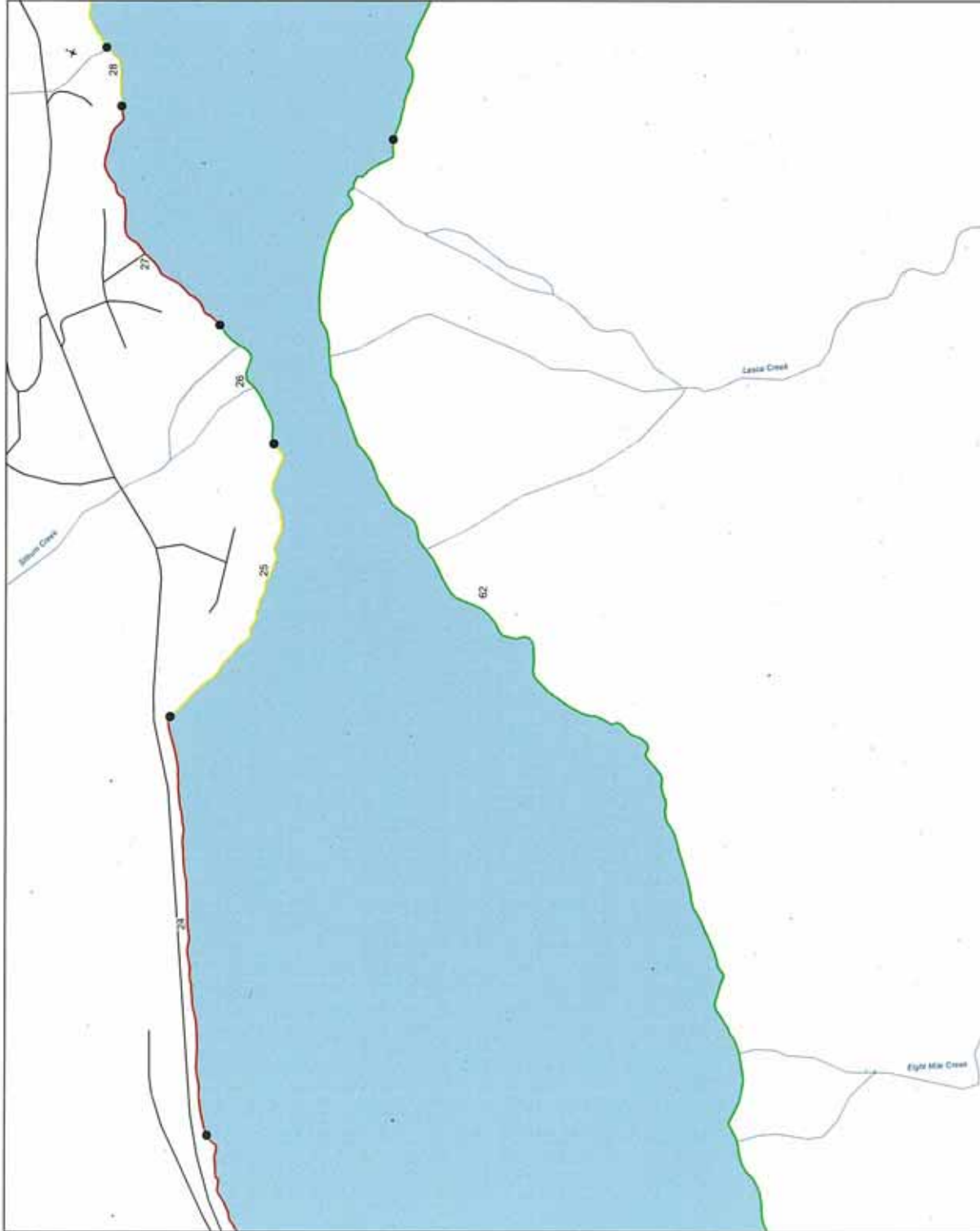
UTM Zone 11

UTM Zone 11

UTM Zone 11

amec

- Legend**
- Boat Launch
 - Discharge Point
 - Miss Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000
 200 0 200 400
 Meters

Reference

Hydrology - TRIM
 Roads - National Road Network

Source

Fisheries & Oceans Canada

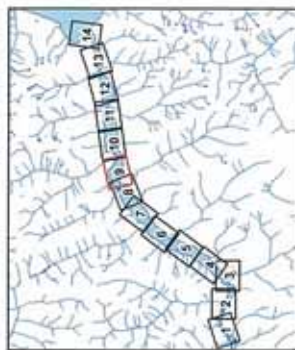
West Arm Kootenay Lake
 Mapping

**Overview of Lakeview
 Survey - 2008**

DATE	February 16, 2009	MAP DATE	EON	MAP FILE	lake_section_mapbook.pdf
AREA	VE18447	SCALE	UP		
MAP FILE	lake_section_mapbook.mxd				
UTM Zone	11	MAP DATE	NAD83		



- Legend**
- Boat Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shoro Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Reference
 Hydrology - TRIM
 Roads - National Road Network

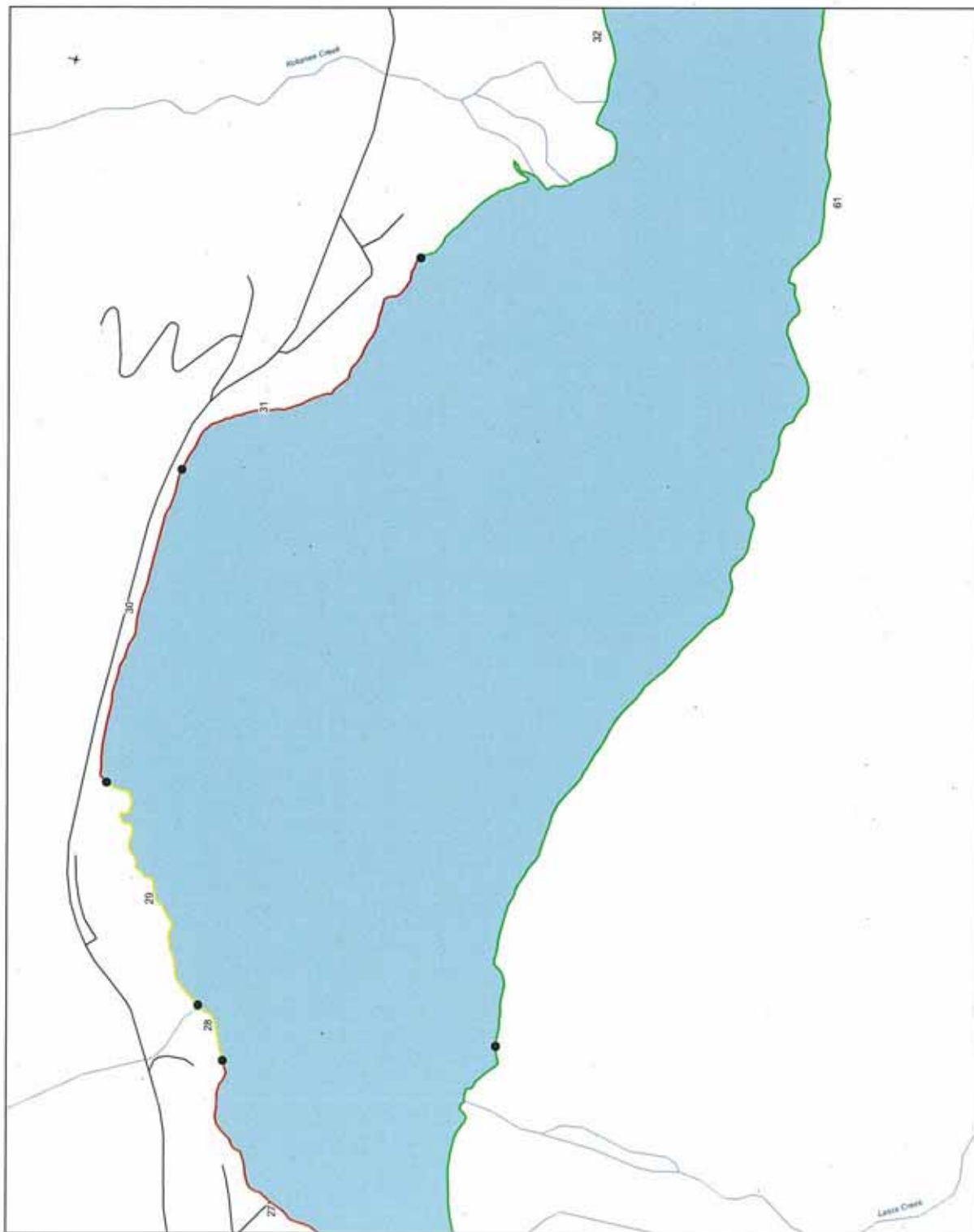
Fisheries & Oceans Canada

West Arm Kootenay Lake
 Mapping

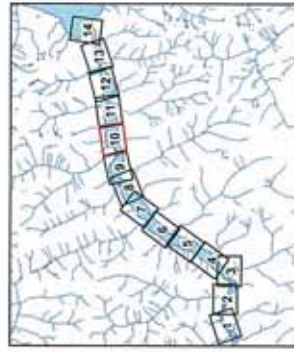
Overview of Lakeview Survey - 2008

DATE	February 16, 2008	PROJECT	Map 9
FILE	VE51647	PROJECT	LP
PROJECT	lake_view_survey_2008	PROJECT	lake_view_survey_2008.mxd
UTM Zone	11	UTM Zone	11
UTM Zone	11	UTM Zone	11

amec



- Legend**
- Boat Launch
 - Discharge Point
 - Minor Point
 - 2008 Lake Shore Station - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000
 200 100 0 200 400
 Meters

Reference
 Hydrology - TRM
 Roads - National Road Network

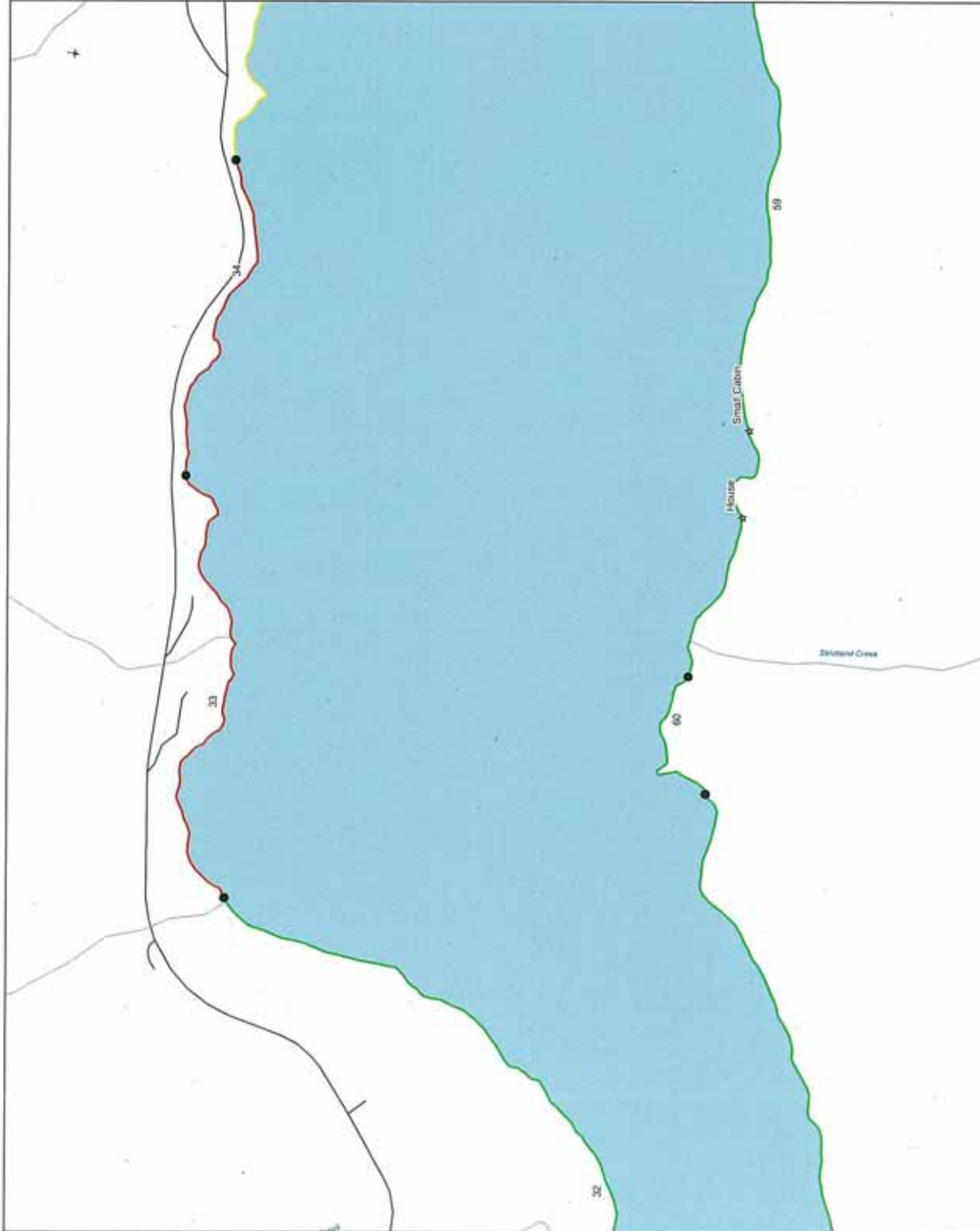
Fisheries & Oceans Canada

West Arm Kootenay Lake
 Mapping

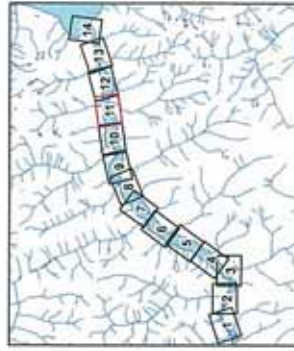
Overview of Lakeview Survey - 2008

DATE	February 16, 2009	EDN	Map 10
APP	VE1547	LP	lake_section_mapbook.pdf
PROJECT	lake_section_mapbook.mxd		
UTM Zone	11	NAD83	

amec



- Legend**
- Boat Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000



Reference

Hydrology - TITM
Roads - National Road Network

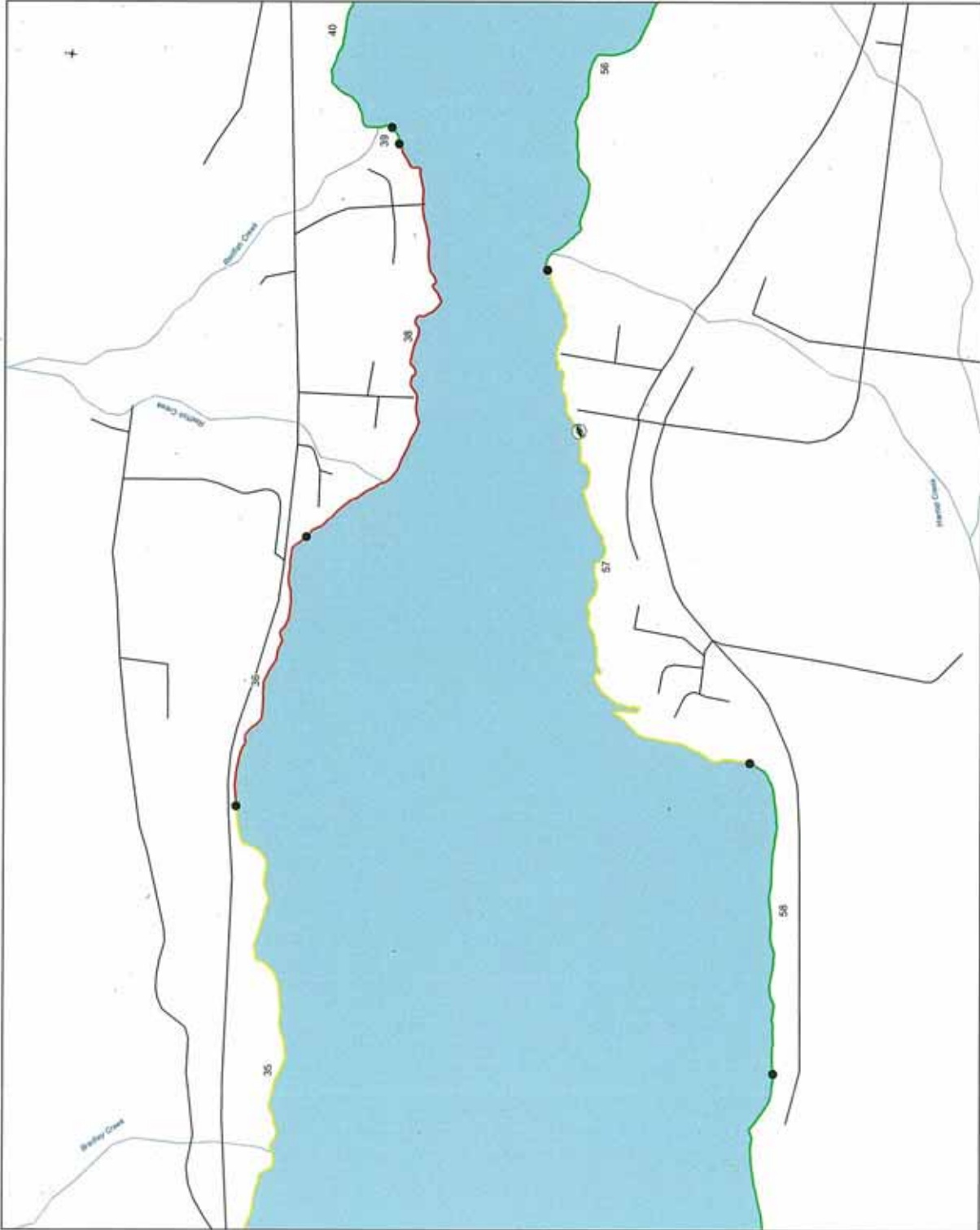
10/09/07

Fisheries & Oceans Canada

West Arm Kootenay Lake
Mapping

**Overview of Lakeview
Survey - 2008**

DATE	February 16, 2009	MAP/FILE	EON	Map 11
APP NO	VE51947	MAP FILE	lake_section_mapbook.pdf	
MAP FILE	lake_section_mapbook.mxd	MAP FILE	lake_section_mapbook.pdf	
PROJECTION	UTM Zone 11	MAP FILE	lake_section_mapbook.pdf	



- Legend**
- Soil Launch
 - ▲ Discharge Point
 - ★ Mac Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Reference
Hydrology - TRIM
Roads - National Road Network

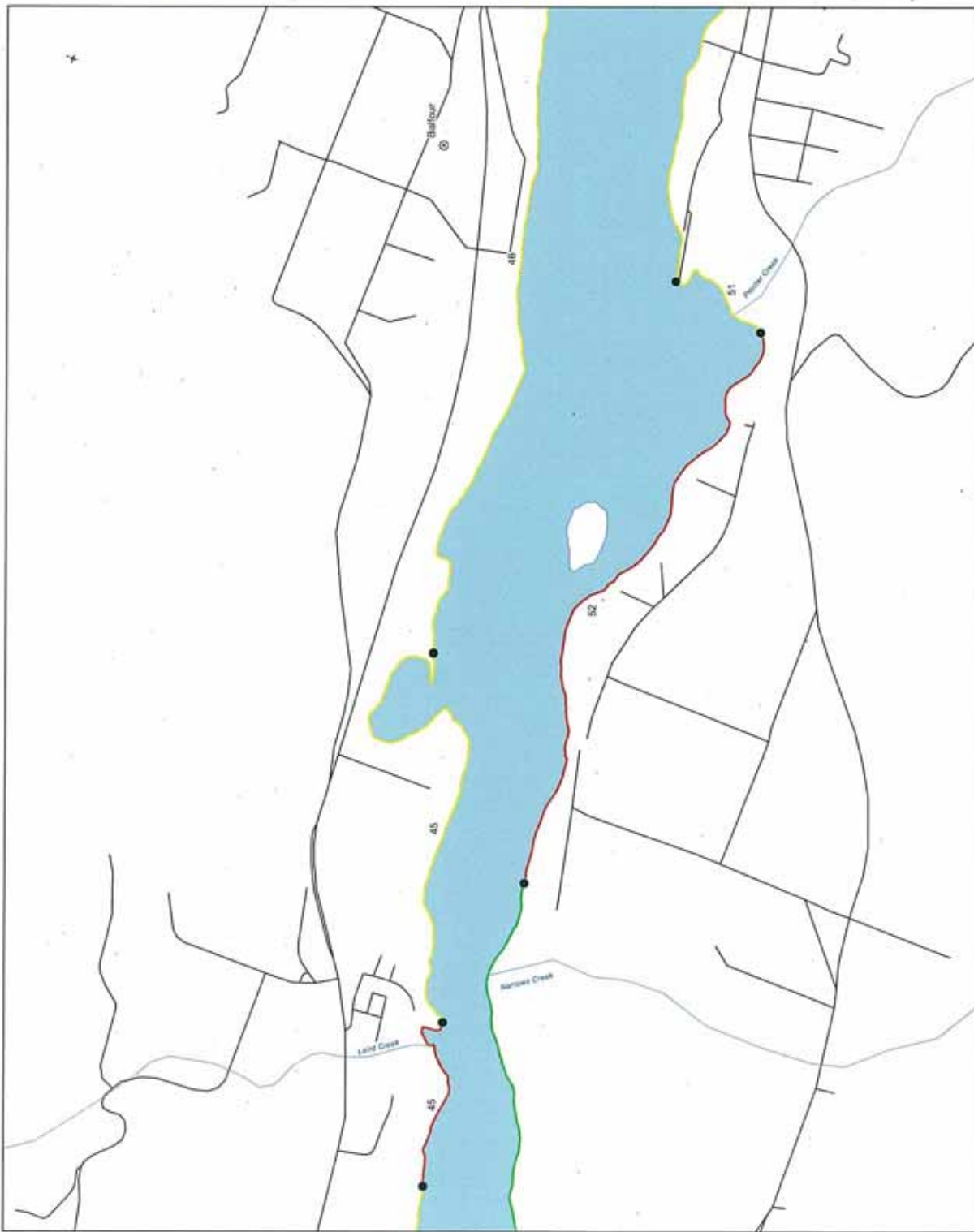
Source:

Fisheries & Oceans Canada

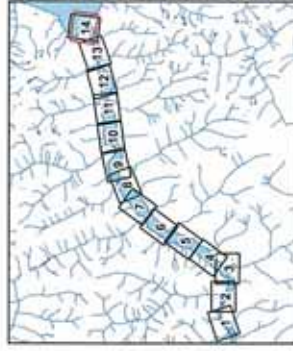
West Arm Kootenay Lake
Mapping

Overview of Lakeview Survey - 2008

DATE	February 16, 2009	DATE	EON	Map 13
AREA	VE51847	SCALE	LP	
PROJECT	lake_section_snapbook.mxd	FILE	lake_section_snapbook.pdf	
UTM Zone	11	Source	NAD83	



- Legend**
- Boat Launch
 - Discharge Point
 - Misc Point
 - 2008 Lake Shore Section - Level of Impact
 - High
 - Medium
 - Low
 - Unknown
 - Road
 - River
 - Waterbody



Scale: 1:10,000

200 100 0 200 400

Meters

Reference

Hydrology - TRIM

Roads - National Road Network

Fisheries & Oceans Canada

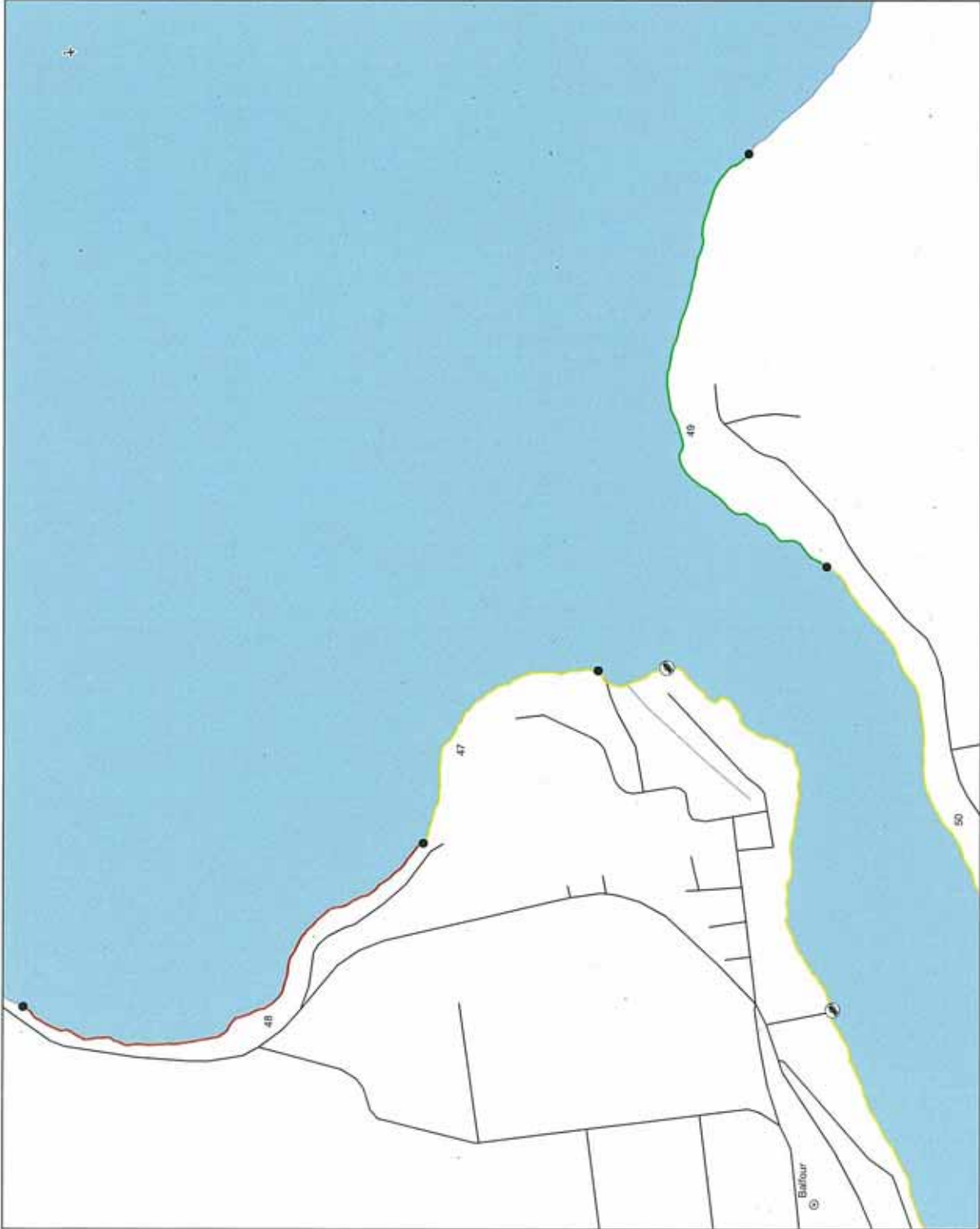
West Arm Kootenay Lake

Mapping

Overview of Lakeview Survey - 2008

DATE	February 16, 2009	ECN	Map 14
REVISED	VES1647	UP	
SOURCE	lake_section_mapbook.mxd		
PROJECTION	UTM Zone 11	UTM	
		NAD83	

amec



APPENDIX C

2002 and 2008 Data Sets

Table C1. GIS output of foreshore data collected in 2002 along the West Arm of Kootenay Lake.

Segment Characteristics										Riparian Characteristics									
Segment #	Date	Length (m)	Shore Type	Land Use	Level of Impact	Fines	Gravel	Cobble	Boulder	Bedrock	Qualifier	Stage	Cover	Veterans	Snags	Bank Width	Bank Slope		
1	20-Mar-04	348.17	Low Rocky Shore	Modified	High	35	0	60	5	0	Natural	mature forest	34-66%	No	No	30	5		
2	20-Mar-04	166.37	Sand Beach	Urban Development	High	80	0	10	10	0	Natural	mature forest	34-66%	<5	No	50	40		
3	20-Mar-04	423.97	Vegetated Shore	Natural	Medium	100	0	0	0	0	Disturbed	mature forest	34-66%	No	No	25	5		
4	20-Mar-04	1313.94	Sand Beach	Urban Development	High	90	0	5	5	0	Natural	mature forest	34-66%	No	No	10	5		
5	20-Mar-04	1771.26	Low Rocky Shore	Modified	Medium	40	0	40	20	0	Urban Residential	mature forest	34-66%	No	No	20	30		
6	20-Mar-04	604.61	Sand Beach	Urban Development	Medium	0	0	0	50	50	Natural	mature forest	34-66%	<5	<5	0	80		
7	20-Mar-04	376.54	Low Rocky Shore	Disturbed	High	25	0	0	75	0	Natural	mature forest	67-100%	<5	No	60	5		
8	20-Mar-04	324.79	Low Rocky Shore	Urban Development	Medium	20	0	40	40	0	Disturbed	young forest	5-33%	No	No	25	40		
9	20-Mar-04	454.75	Sand Beach	Urban Development	Medium	25	0	25	50	0	Disturbed	mature forest	5-33%	No	No	30	40		
10	20-Mar-04	354.01	Low Rocky Shore	Modified	Medium	90	0	5	5	0	Urban Residential	mature forest	<5%	No	No	20	30		
11	20-Mar-04	526.31	Sand Beach	Urban Development	Medium	70	0	10	20	0	Urban Residential	young forest	5-33%	<5	No	15	40		
12	20-Mar-04	103.13	Low Rocky Shore	Disturbed	High	60	0	10	30	0	Urban Residential	young forest	5-33%	No	No	25	15		
13	20-Mar-04	307.75	Low Rocky Shore	Modified	High	50	0	25	25	0	Disturbed	mature forest	67-100%	<5	<5	60	20		
14	20-Mar-04	238.16	Sand Beach	Recreation	High	85	0	5	10	0	Urban Residential	mature forest	5-33%	<5	No	80	10		
15	20-Mar-04	771.80	Low Rocky Shore	Urban Development	Medium	25	0	25	50	0	Disturbed	young forest	34-66%	No	No	10	15		
16	20-Mar-04	679.49	Sand Beach	Urban Development	Medium	60	0	20	20	0	Disturbed	mature forest	5-33%	No	No	80	10		
17	20-Mar-04	466.69	Sand Beach	Natural	Low	0	0	0	100	0	Disturbed	mature forest	5-33%	No	No	0	0		
18	20-Mar-04	212.56	Sand Beach	Recreation	Medium	10	0	10	80	0	Disturbed	mature forest	5-33%	No	No	10	0		
19	20-Mar-04	1013.10	Low Rocky Shore	Urban Development	High	40	0	20	40	0	Disturbed	mature forest	34-66%	No	No	10	40		
20	20-Mar-04	764.76	Low Rocky Shore	Urban Development	Medium	40	0	50	10	0	Disturbed	mature forest	5-33%	No	No	60	10		
21	20-Mar-04	632.22	Sand Beach	Urban Development	High	60	0	40	0	0	Urban Residential	mature forest	67-100%	No	No	30	3		
22	20-Mar-04	389.88	Sand Beach	Urban Development	High	100	0	0	0	0	Recreation	mature forest	67-100%	No	No	40	3		
23	20-Mar-04	622.88	Low Rocky Shore	Urban Development	Medium	40	0	40	20	0	Urban Residential	mature forest	5-33%	No	No	0	3		
24	20-Mar-04	1028.33	Low Rocky Shore	Modified	High	10	0	50	40	0	Disturbed	mature forest	34-66%	No	No	15	40		
25	20-Mar-04	832.99	Low Rocky Shore	Urban Development	Medium	80	0	10	10	0	Urban Residential	mature forest	5-33%	No	No	10	10		
26	20-Mar-04	543.08	Low Rocky Shore	Natural	Medium	45	0	45	10	0	Urban Residential	mature forest	5-33%	No	No	10	10		
27	20-Mar-04	755.12	Sand Beach	Urban Development	Medium	20	0	40	40	0	Urban Residential	mature forest	34-66%	No	No	20	10		
28	20-Mar-04	225.15	Sand Beach	Natural	Medium	0	0	10	90	0	Disturbed	mature forest	5-33%	No	No	10	70		
29	20-Mar-04	563.83	Sand Beach	Urban Development	Medium	30	0	40	30	0	Disturbed	mature forest	5-33%	No	No	20	15		
30	20-Mar-04	765.75	Low Rocky Shore	Modified	High	90	0	5	5	0	Urban Residential	mature forest	5-33%	No	No	0	5		
31	20-Mar-04	763.46	Sand Beach	Urban Development	High	85	0	5	10	0	Urban Residential	mature forest	<5%	No	No	0	10		
32	20-Mar-04	2891.12	Sand Beach	Recreation	Medium	80	0	10	10	0	Disturbed	mature forest	<5%	No	No	20	5		
33	20-Mar-04	872.93	Sand Beach	Urban Development	High	90	0	10	0	0	Natural	mature forest	67-100%	<5	>=5	80	4		
34	20-Mar-04	1044.37	Cliff/Bluff	Modified	High	30	0	30	30	10	Disturbed	mature forest	5-33%	No	No	30	4		
35	20-Mar-04	1268.02	Sand Beach	Urban Development	Medium	80	0	10	10	0	Disturbed	mature forest	34-66%	No	<5	50	8		
36	20-Mar-04	265.42	Sand Beach	Modified	High	45	0	45	10	0	Disturbed	mature forest	5-33%	No	No	10	50		
37	20-Mar-04	488.35	Sand Beach	Urban Development	Medium	80	0	10	10	0	Disturbed	mature forest	5-33%	No	No	10	50		
38	20-Mar-04	1309.24	Sand Beach	Urban Development	High	60	0	40	0	0	Urban Residential	mature forest	5-33%	No	<5	20	5		
39	20-Mar-04	251.54	Sand Beach	Natural	High	60	0	40	0	0	Natural	mature forest	67-100%	No	<5	80	5		
40	20-Mar-04	354.70	Low Rocky Shore	Modified	Low	80	0	10	10	0	Urban Residential	mature forest	5-33%	No	No	60	40		
41	20-Mar-04	241.52	Low Rocky Shore	Urban Development	High	75	0	20	5	0	Urban Residential	mature forest	<5%	No	No	20	50		

42	20-Mar-04	1429.26	Low Rocky Shore	Urban Development	Medium	20	0	70	10	0	Disturbed	mature forest	34-66%	No	No	25	5
43	20-Mar-04	331.24	Low Rocky Shore	Natural	Medium	40	0	50	10	0	Disturbed	young forest	<5%	No	No	0	10
44	20-Mar-04	1269.31	Low Rocky Shore	Urban Development	Low	80	0	20	0	0	Disturbed	mature forest	<5%	No	No	0	20
45	20-Mar-04	770.81	Low Rocky Shore	Agriculture	Medium	70	0	10	20	0	Disturbed	mature forest	67-100%	<5	No	60	5
46	20-Mar-04	1766.16	Sand Beach	Urban Development	Medium	10	0	25	60	5	Disturbed	young forest	5-33%	No	No	10	70
47	21-Mar-04	936.33	Low Rocky Shore	Modified	Medium	60	0	25	15	0	Disturbed	young forest	34-66%	No	No	80	2
48	21-Mar-04	492.11	Sand Beach	Urban Development	Low	90	0	10	0	0	Natural	mature forest	67-100%	<5	No	150	2
49	21-Mar-04	315.61	Low Rocky Shore	Natural	Low	50	0	50	0	0	Natural	sapling > 10m	34-66%	No	No	30	6
50	21-Mar-04	1859.41	Sand Beach	Natural	Medium	10	0	5	85	0	Disturbed	young forest	5-33%	No	No	10	40
51	21-Mar-04	341.14	Low Rocky Shore	Urban Development	Medium	20	0	40	40	0	Disturbed	young forest	34-66%	No	No	10	40
52	21-Mar-04	136.34	Low Rocky Shore	Modified	Medium	0	0	10	90	0	Disturbed	young forest	<5%	No	No	15	70
53	21-Mar-04	136.59	Low Rocky Shore	Natural	Low	75	0	10	15	0	Urban Residual	young forest	5-33%	No	No	0	4

rip veg sparse most shoreline veg remains	42	None				11	Wood	16	Stonework	2 mairinas. Photo 5991 - representative of disturbed (left) and undisturbed (right) foreshore.
	43	None				2	Wood	5	Stonework	
Riparian vegetation sparse	44	None				27	Wood	3	Stonework	2 mairinas, 1 industrial marina, 1 ferry dock, 9 boat houses
	45	None				3	Wood	0		
	46	None				0		0		
	47	None				6	Wood	7	Stonework	
Limited understory disturbance. Several cabins with good setbacks	48	None				2	Wood	1	Stonework	
limited disturbance on naturally vegetated upland	49	None				0		0		
high value largely undisturbed cottonwood ecosystem.	50	None				3	Wood	9	Stonework	small boat launch
riparian vegetation removed res dev	51	None				2	Wood	1	Stonework	
	52	None				0		1	Stonework	
	53	Discontinuous				10	Wood	15	Stonework	

Table C2. GIS output of foreshore data collected in 2008 along the West Arm of Kootenay Lake

Segment Characteristics			Land Use										Shore Type						Substrate					Riparian Characteristics					
Segment #	Date	Length (m)	Shore Type	Land Use	Level of Impact	Urban Res.	Commercial	Rural	Agricultural	Park	Industrial	Natural	Disturbed	Cliff / Bluff	Gravel Beach	Sand Beach	Veg. Shore	Low Rocky	Wetland	Other	Fines	Gravel	Cobble	Boulder	Bedrock	Compaction	Class	Qualifier	
1	29-Oct-08	150.87	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	25	0	50	0	Unknown	Herbs/grasses	Urban Residential		
2	29-Oct-08	236.88	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	90	0	5	5	0	Unknown	Herbs/grasses	Urban Residential	
3	29-Oct-08	429.32	Vegetated Shore	Natural	Medium	10	0	0	0	0	0	80	10	0	0	10	90	0	0	0	80	0	10	0	Unknown	Mixed forest	Natural		
4	29-Oct-08	1109.58	Sand Beach	Urban Development	High	90	0	0	0	0	0	10	0	0	0	10	90	0	0	0	70	0	10	20	0	Unknown	Shrubs	Natural	
5	29-Oct-08	1785.44	Low Rocky Shore	Disturbed	Medium	0	0	0	0	0	0	80	20	0	0	0	30	70	0	0	10	0	5	85	0	Unknown	Mixed forest	Disturbed	
6	29-Oct-08	557.21	Sand Beach	Urban Development	Medium	80	0	0	0	0	0	20	0	0	0	90	10	0	0	0	60	0	10	30	0	Unknown	Shrubs	Disturbed	
7	29-Oct-08	377.44	Low Rocky Shore	Disturbed	High	0	0	0	0	90	0	0	10	0	0	10	40	50	0	0	20	0	40	0	Unknown	Mixed forest	Disturbed		
8	29-Oct-08	354.14	Low Rocky Shore	Urban Development	Medium	60	0	0	0	0	30	10	0	0	10	40	50	0	0	50	0	25	0	25	0	Unknown	Mixed forest	Urban Residential	
9	29-Oct-08	154.43	Alluvial Fan	Urban Development	High	90	0	0	0	0	0	10	0	0	0	90	5	5	0	85	0	10	10	0	Unknown	Herbs/grasses	Urban Residential		
10	29-Oct-08	585.56	Low Rocky Shore	Recreation	Medium	75	0	0	0	0	0	25	0	0	0	90	5	5	0	25	0	25	50	0	Unknown	Mixed forest	Urban Residential		
11	29-Oct-08	606.11	Sand Beach	Urban Development	Medium	75	0	0	0	0	0	25	0	0	0	90	10	0	0	60	0	20	0	0	Unknown	Mixed forest	Urban Residential		
12	29-Oct-08	96.98	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	100	0	Unknown	Exposed soil	Disturbed		
13	29-Oct-08	249.80	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	10	0	10	80	0	Unknown	Shrubs	Urban Residential	
14	29-Oct-08	345.58	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	90	10	0	0	100	0	0	0	0	Unknown	Mixed forest	Urban Residential		
15	29-Oct-08	1064.64	Low Rocky Shore	Urban Development	Medium	75	0	0	0	0	0	25	0	0	0	10	10	80	0	0	40	0	20	40	0	Unknown	Mixed forest	Urban Residential	
16	29-Oct-08	584.58	Gravel Beach	Urban Development	Medium	75	0	0	0	0	0	25	0	0	0	80	20	0	0	0	40	0	50	10	0	Unknown	Mixed forest	Urban Residential	
18	29-Oct-08	292.21	Sand Beach	Recreation	Medium	0	0	0	0	0	100	0	0	0	0	100	0	0	0	100	0	0	0	0	0	Unknown	Mixed forest	Recreation	
19	29-Oct-08	857.60	Vegetated Shore	Urban Development	High	90	0	0	0	0	0	10	0	0	0	20	80	0	0	0	40	0	20	0	Unknown	Mixed forest	Urban Residential		
20	29-Oct-08	506.77	Low Rocky Shore	Recreation	Medium	0	0	0	0	0	0	90	10	0	0	10	0	0	90	0	0	10	0	50	40	0	Unknown	Mixed forest	Urban Residential
21	29-Oct-08	970.25	Sand Beach	Urban Development	High	80	0	0	0	0	0	0	20	0	0	80	10	0	10	0	80	0	10	10	0	Unknown	Mixed forest	Urban Residential	
22	29-Oct-08	104.33	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0	45	0	45	10	0	Unknown	Mixed forest	Urban Residential	
23	29-Oct-08	608.86	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0	20	0	40	40	0	Unknown	Mixed forest	Urban Residential	
24	29-Oct-08	975.17	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	10	90	0	Unknown	Mixed forest	Urban Residential	
25	29-Oct-08	868.92	Low Rocky Shore	Urban Development	Medium	80	0	0	0	0	0	20	0	0	0	10	90	0	0	30	0	40	30	0	Unknown	Mixed forest	Urban Residential		
26	29-Oct-08	335.62	Low Rocky Shore	Natural	Low	0	0	0	0	0	0	100	0	0	0	10	90	0	0	35	0	60	5	0	Unknown	Mixed forest	Natural		
27	29-Oct-08	637.23	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0	90	0	5	0	0	Unknown	Mixed forest	Urban Residential	
28	29-Oct-08	140.10	Sand Beach	Natural	Medium	10	0	0	0	0	0	90	0	0	0	100	0	0	0	0	90	0	5	5	0	Unknown	Mixed forest	Natural	
29	29-Oct-08	624.52	Sand Beach	Urban Development	Medium	90	0	0	0	0	0	10	0	0	0	90	10	0	0	85	0	5	10	0	Unknown	Mixed forest	Urban Residential		
30	29-Oct-08	778.10	Low Rocky Shore	Urban Development	High	0	0	0	0	0	0	40	60	2	0	0	10	88	0	0	0	10	90	0	Unknown	Mixed forest	Disturbed		
31	29-Oct-08	900.85	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	95	5	0	0	0	80	0	10	10	0	Unknown	Mixed forest	Urban Residential	
32	29-Oct-08	2628.50	Sand Beach	Recreation	Low	0	0	0	100	0	0	0	0	0	0	95	5	0	0	90	0	10	0	0	Unknown	Mixed forest	Recreation		
33	30-Oct-08	1140.21	Sand Beach	Urban Development	High	90	10	0	0	0	0	0	0	0	0	100	0	0	0	75	0	10	15	0	Unknown	Mixed forest	Urban Residential		
34	30-Oct-08	826.23	Cliff/Bluff	Urban Development	High	40	0	0	0	0	0	60	60	0	0	40	0	0	0	30	0	30	30	0	Unknown	Mixed forest	Urban Residential		
35	30-Oct-08	1339.53	Sand Beach	Urban Development	Medium	40	0	0	0	0	0	0	60	0	0	60	40	0	0	80	0	10	10	0	Unknown	Mixed forest	Urban Residential		
36	30-Oct-08	715.06	Sand Beach	Urban Development	High	40	0	0	0	0	0	0	60	0	0	90	0	10	0	45	0	45	10	0	Unknown	Mixed forest	Urban Residential		
38	30-Oct-08	1212.80	Sand Beach	Urban Development	High	40	40	0	0	0	0	20	0	0	0	100	0	0	0	60	0	40	0	0	Unknown	Mixed forest	Urban Residential		
39	30-Oct-08	158.64	Sand Beach	Natural	Low	10	0	0	0	0	0	90	0	0	0	100	0	0	0	60	0	40	0	0	Unknown	Mixed forest	Natural		
40	30-Oct-08	592.16	Low Rocky Shore	Natural	Low	50	0	0	0	0	0	50	0	0	0	40	0	0	60	0	80	0	10	10	0	Unknown	Mixed forest	Urban Residential	
41	30-Oct-08	279.96	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	40	60	0	0	75	0	20	5	0	Unknown	Mixed forest	Urban Residential		
42	30-Oct-08	1441.90	Low Rocky Shore	Urban Development	Medium	60	0	0	0	0	0	40	0	0	0	40	0	0	60	0	40	0	40	20	0	Unknown	Mixed forest	Urban Residential	
43	30-Oct-08	271.20	Vegetated Shore	Natural	Low	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	50	50	Unknown	Mixed forest	Natural	
44	30-Oct-08	641.43	Low Rocky Shore	Urban Development	Medium	50	0	0	0	0	0	50	0	0	0	0	50	50	0	0	20	0	70	10	0	Unknown	Mixed forest	Urban Residential	

45	30-Oct-08	432.04	Low Rocky Shore	Urban Development	High	50	0	0	0	0	0	50	0	0	0	0	50	0	0	40	0	50	10	0	Unknown	Mixed forest	Urban Residential		
45	30-Oct-08	968.95	Sand Beach	Urban Development	Medium	40	10	0	0	0	0	50	30	20	0	80	0	20	0	0	0	0	0	0	Unknown	Mixed forest	Urban Residential		
46	30-Oct-08	3085.64	Sand Beach	Urban Development	Medium	50	10	0	0	0	0	40	0	0	0	0	30	20	0	80	0	20	0	0	Unknown	Mixed forest	Urban Residential		
47	30-Oct-08	604.98	Low Rocky Shore	Urban Development	Medium	50	0	0	0	0	0	50	0	0	0	0	30	20	50	0	60	0	20	0	Unknown	Mixed forest	Urban Residential		
48	30-Oct-08	1137.44	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	50	20	30	0	75	0	20	5	0	Unknown	Mixed forest	Disturbed		
49	30-Oct-08	4149.40	Low Rocky Shore	Disturbed	Low	0	0	0	0	0	0	80	20	5	0	40	0	50	0	30	0	40	20	0	Unknown	Mixed forest	Disturbed		
50	31-Oct-08	1757.09	Low Rocky Shore	Urban Development	Medium	60	0	0	0	0	0	40	0	0	0	0	10	50	0	20	30	50	10	0	Unknown	Mixed forest	Urban Residential		
51	31-Oct-08	200.52	Sand Beach	Natural	Medium	0	0	0	0	0	0	10	90	0	0	0	20	80	0	0	60	10	10	0	Unknown	Mixed forest	Natural		
52	31-Oct-08	1511.95	Low Rocky Shore	Urban Development	High	80	0	0	0	0	0	30	20	0	0	30	20	50	0	60	30	10	0	0	Unknown	Mixed forest	Urban Residential		
53	31-Oct-08	2427.97	Low Rocky Shore	Natural	Low	20	0	0	0	0	0	80	0	0	0	0	30	20	50	0	60	30	10	0	Unknown	Mixed forest	Natural		
54	31-Oct-08	1037.12	Low Rocky Shore	Urban Development	Low	30	0	0	0	0	0	70	0	0	0	0	30	20	0	50	0	60	30	10	0	Unknown	Mixed forest	Urban Residential	
55	31-Oct-08	565.63	Sand Beach	Urban Development	High	100	0	0	0	0	0	0	0	0	0	0	100	0	0	0	95	5	0	0	Unknown	Mixed forest	Urban Residential		
56	31-Oct-08	1072.45	Sand Beach	Natural	Low	2	0	0	0	0	0	98	0	0	0	0	100	0	0	0	95	5	0	0	Unknown	Mixed forest	Natural		
57	31-Oct-08	1639.31	Low Rocky Shore	Urban Development	Medium	75	10	0	0	0	0	15	0	0	0	10	90	0	0	20	10	50	20	0	Unknown	Mixed forest	Urban Residential		
58	31-Oct-08	701.04	Vegetated Shore	Natural	Low	0	0	0	0	0	0	100	0	0	0	0	90	10	0	0	0	15	75	5	0	Unknown	Mixed forest	Natural	
59	31-Oct-08	2016.74	Cliff/Bluff	Natural	Low	0	0	0	0	0	0	10	90	0	0	0	0	0	0	0	0	0	10	20	70	Unknown	Mixed forest	Natural	
60	31-Oct-08	439.54	Sand Beach	Urban Development	Low	0	0	0	0	0	0	0	0	0	0	75	25	0	0	100	0	0	0	0	Unknown	Mixed forest	Urban Residential		
61	31-Oct-08	3797.65	Vegetated Shore	Natural	Low	0	0	0	0	0	0	10	90	0	10	0	0	90	0	0	20	0	30	40	10	Unknown	Mixed forest	Natural	
62	31-Oct-08	4902.84	Alluvial Fan	Natural	Low	2	0	0	0	0	0	98	0	0	0	0	90	10	0	0	100	0	0	0	0	Unknown	Mixed forest	Natural	
63	31-Oct-08	792.52	Sand Beach	Urban Development	Low	20	0	0	0	0	0	80	0	0	0	0	80	10	0	0	80	0	10	0	0	Unknown	Mixed forest	Natural	
64	31-Oct-08	2340.91	Cliff/Bluff	Urban Development	Low	0	0	0	0	0	0	10	90	0	75	0	0	25	0	0	5	0	15	80	0	Unknown	Mixed forest	Natural	
65	31-Oct-08	1331.24	Alluvial Fan	Natural	Low	0	0	0	0	0	0	10	90	0	0	0	75	25	0	0	100	0	0	0	0	Unknown	Mixed forest	Natural	
66	31-Oct-08	1909.15	Low Rocky Shore	Natural	Low	20	0	0	0	0	0	10	90	0	10	0	0	10	80	0	0	0	20	70	10	Unknown	Mixed forest	Natural	
67	31-Oct-08	698.60	Low Rocky Shore	Natural	Low	20	0	0	0	0	0	10	70	0	0	0	30	0	0	80	0	10	0	10	0	Unknown	Mixed forest	Natural	
68	31-Oct-08	1025.39	Sand Beach	Urban Development	High	90	0	0	0	0	0	10	0	0	0	0	100	0	0	0	100	0	0	0	0	Unknown	Mixed forest	Urban Residential	
69	31-Oct-08	1016.52	Low Rocky Shore	Urban Development	High	70	0	0	0	0	0	30	0	0	0	0	0	80	0	0	30	0	60	10	0	Unknown	Mixed forest	Urban Residential	
70	31-Oct-08	743.45	Low Rocky Shore	Urban Development	High	100	0	0	0	0	0	0	0	0	0	20	0	80	0	40	0	60	0	0	0	Unknown	Herb/grasses	Urban Residential	
71	31-Oct-08	394.54	Sand Beach	Park	High	0	0	0	0	0	0	100	0	0	0	0	10	90	0	0	0	90	10	0	0	Unknown	Herb/grasses	Recreation	
72	31-Oct-08	1415.74	Low Rocky Shore	Urban Development	High	0	0	0	0	0	0	100	0	0	0	0	0	100	0	0	10	0	90	0	0	Unknown	Herb/grasses	Recreation	
73	31-Oct-08	1070.08	Low Rocky Shore	Urban Development	High	0	100	0	0	0	0	0	0	0	0	0	10	0	90	0	30	0	70	0	Unknown	Herb/grasses	Recreation		
74	31-Oct-08	346.72	Vegetated Shore	Industrial	High	0	0	0	0	0	0	100	0	0	0	0	75	0	20	0	90	0	10	0	Unknown	Herb/grasses	Disturbed		
75	31-Oct-08	1790.69	Low Rocky Shore	Urban Development	High	0	0	0	0	0	0	75	25	0	0	0	10	0	90	0	30	0	25	40	5	Unknown	Herb/grasses	Disturbed	
76	31-Oct-08	2320.34	Cliff/Bluff	Urban Development	Medium	0	0	0	0	0	0	50	50	0	100	0	0	0	0	0	0	0	20	80	Unknown	Mixed forest	Natural		
77	31-Oct-08	1320.04	Low Rocky Shore	Urban Development	Medium	0	0	0	0	0	0	50	50	0	0	0	0	100	0	0	0	60	40	0	Unknown	Mixed forest	Natural		
78	31-Oct-08	1635.57	Low Rocky Shore	Urban Development	Low	2	0	0	0	0	0	98	0	0	0	0	0	100	0	0	0	50	40	10	Unknown	Mixed forest	Natural		
79	31-Oct-08	288.19	Vegetated Shore	Urban Development	Medium	50	0	0	0	0	0	0	0	0	0	0	100	0	0	30	30	40	0	0	Unknown	Herb/grasses	Agriculture		
80	31-Oct-08	2363.97	Cliff/Bluff	Natural	Low	0	0	0	0	0	0	100	0	80	0	0	0	20	0	0	0	15	10	75	Unknown	Mixed forest	Natural		
81	31-Oct-08	574.40	Low Rocky Shore	Natural	Low	0	0	0	0	0	0	100	0	0	0	0	100	0	0	0	60	40	0	Unknown	Mixed forest	Natural			
82	31-Oct-08	314.76	Cliff/Bluff	Natural	Low	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	0	0	40	60	Unknown	Mixed forest	Natural		
83	31-Oct-08	304.21	Sand Beach	Urban Development	Medium	80	0	0	0	0	0	20	0	0	0	0	100	0	0	0	100	0	0	0	0	Unknown	Mixed forest	Urban Residential	
84	31-Oct-08	635.54	Cliff/Bluff	Natural	Low	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	0	20	80	Unknown	Mixed forest	Natural
85	31-Oct-08	352.73	Cliff/Bluff	Natural	High	80	0	0	0	0	0	20	0	0	0	0	100	0	0	0	0	0	0	0	20	80	Unknown	Mixed forest	Urban Residential
86	31-Oct-08	2412.75	Low Rocky Shore	Urban Development	High	85	0	0	0	0	0	15	0	0	0	0	50	0	50	0	60	0	30	10	60	Unknown	Mixed forest	Urban Residential	

Segment #	Riparian Characteristics continued										Modifications				
	Stage	Cover	Snags	Bank Width	Bank Slope	Retaining Wall	Deck Material	Deck	Groynes	Groynes Material	Marina	Railway	Marine Rill	Comments	
1	low shrubs <2m	Sparse (<5%)	No	30	2	0		0	0	1	0	0	0		
2	low shrubs <2m	None	No	20	0	0		2	Wood	5	0	0	0		
3	mature forest	Abundant (>20%)	No	30	4	0		3	Wood	11	0	0	0		
4	low shrubs <2m	Moderate (5-20%)	No	30	2	4	Stone	15	Wood	13	0	1	0	2 boat houses; 1 begin seg 1 end seg	
5	young forest	Sparse (<5%)	No	10	5	0		2	Wood	13	0	1	0	highway, many groyne; 1 small marina	
6	young forest	Sparse (<5%)	No	10	5	2	Stone	4	Wood	5	0	1	0	highway, many groyne; 1 small marina	
7	young forest	Moderate (5-20%)	No	15	2	0	Stone	2	Wood	2	0	0	0		
8	mature forest	Moderate (5-20%)	No	30	2	1	Stone	5	Wood	8	0	0	0		
9	low shrubs <2m	None	No	0	1	4	Stone	0	Wood	3	0	0	0		
10	mature forest	Moderate (5-20%)	<5	30	2	1	Stone	3	Wood	5	0	0	0	new retain wall	
11	mature forest	Moderate (5-20%)	<5	10	2	0	Stone	7	Wood	11	0	0	0		
12	low shrubs <2m	None	No	0	35	1	Stone	0	Wood	0	0	0	0	highway rip rap	
13	tall shrubs 2-10m	Sparse (<5%)	No	0	2	0	Stone	1	Wood	2	0	0	0	house modifications	
14	mature forest	Moderate (5-20%)	No	20	2	0	Stone	0	Wood	2	0	0	0		
15	mature forest	Moderate (5-20%)	<5	10	2	0	Stone	12	Wood	11	0	0	1		
16	mature forest	Sparse (<5%)	No	30	2	2	Stone	2	Wood	6	0	1	0	modified bay, end at 6 mile beach	
18	mature forest	Moderate (5-20%)	No	30	2	0	Stone	0	Wood	0	0	0	0	0 6 mile beach	
19	mature forest	Moderate (5-20%)	<5	15	2	2	Mixed	10	Wood	18	0	0	0		
20	mature forest	Sparse (<5%)	<5	15	15	1	Stone	3	Wood	3	0	0	0		
21	mature forest	Moderate (5-20%)	>=5	15	5	4	Mixed	8	Wood	25	0	0	1	1 large boat shed at end of dock	
22	mature forest	Moderate (5-20%)	<5	10	2	0	Mixed	0	Wood	1	0	0	1	1 residence	
23	mature forest	Moderate (5-20%)	<5	20	2	0	Mixed	5	Wood	16	0	0	0		
24	low shrubs <2m	Sparse (<5%)	No	<5	10	35	0	0	Wood	0	0	0	0	highway fill	
25	mature forest	Abundant (>20%)	>=5	20	5	1	Mixed	4	Wood	14	0	0	1		
26	mature forest	Abundant (>20%)	>=5	30	5	0	Mixed	0	Wood	0	0	0	0		
27	mature forest	Sparse (<5%)	<5	10	2	0	Mixed	13	Wood	4	0	0	0	1 boat house	
28	mature forest	Abundant (>20%)	>=5	<5	10	2	0	0	Wood	0	0	0	0	mature timber area	
29	young forest	Sparse (<5%)	No	5	2	0	Mixed		0	14	0	0	0	1 boat house at end of large dock	
30	mature forest	Moderate (5-20%)	No	15	35	0	Mixed	0	Wood	1	0	0	0	highway, 1 floating boat house	
31	mature forest	Moderate (5-20%)	No	20	2	3	Mixed	9	Wood	15	0	0	0		
32	mature forest	Abundant (>20%)	>=5	30	2	0	Mixed	0	Wood	0	0	0	0		
33	mature forest	Moderate (5-20%)	No	0	5	0		15	Wood	13	0	0	0		
34	mature forest	Moderate (5-20%)	No	0	40	0		2	Wood	2	0	0	1		
35	mature forest	Abundant (>20%)	<5	30	2	0		11	Wood	18	0	1	1		
36	mature forest	Moderate (5-20%)	<5	10	5	1	Concrete	5	Wood	7	0	0	1		
38	mature forest	Moderate (5-20%)	<5	20	2	0	Concrete	12	Wood	6	0	0	0	Proctor Ferry Landing	
39	mature forest	Abundant (>20%)	>=5	20	2	0	Concrete	0	Wood	0	0	0	0		
40	mature forest	Abundant (>20%)	>=5	30	2	0	Concrete	5	Wood	2	0	0	0		
41	mature forest	Moderate (5-20%)	No	20	2	1	Concrete	5	Wood	7	0	0	1		
42	mature forest	Abundant (>20%)	>=5	20	2	2	Stone	20	Wood	24	0	0	0		
43	mature forest	Abundant (>20%)	>=5	30	40	0	Stone	0	Wood	0	0	0	0		
44	mature forest	Abundant (>20%)	>=5	30	2	1	Stone	10	Wood	11	0	0	0		

45	mature forest	Moderate (5-20%)	>=5	No	20	2	1	Stonework	1	Wood	3	Stonework	1	No	0
45	mature forest	Moderate (5-20%)	>=5	No	20	2	1	Stonework	2	Wood	3	Stonework	2	No	0
46	mature forest	Moderate (5-20%)	>=5	No	20	2	6	Mixed	48	Wood	7	Stonework	3	No	1
47	mature forest	Abundant (>20%)	>=5	<5	30	8	0	Mixed	0	Wood	0	Stonework	0	No	0
48	mature forest	Moderate (5-20%)	>=5	No	15	2	1	Stonework	1	Wood	12	Stonework	0	No	20
49	mature forest	Moderate (5-20%)	>=5	No	20	5	1	Stonework	0	Wood	7	Stonework	0	No	0
50	mature forest	Moderate (5-20%)	<5	No	20	5	1	Concrete	23	Wood	2		1	No	2
51	mature forest	Abundant (>20%)	>=5	<5	30	5	0	Concrete	0	Wood	0		0	Yes	0
52	mature forest	Moderate (5-20%)	>=5	<5	20	5	2	Stonework	29	Wood	22		0	No	4
53	mature forest	Abundant (>20%)	>=5	<5	30	5	0	Stonework	1	Wood	0		0	No	0
54	mature forest	Moderate (5-20%)	>=5	<5	20	8	2	Stonework	7	Wood	3	Stonework	0	Yes	4
55	mature forest	Sparse (<5%)	<5	No	5	2	0	Stonework	5	Wood	0	Stonework	0	No	4
56	mature forest	Moderate (5-20%)	>=5	<5	100	2	0	Stonework	1	Wood	0	Stonework	0	No	0
57	mature forest	Moderate (5-20%)	>=5	No	20	5	3	Mixed	20	Wood	27	Stonework	0	No	1
58	mature forest	Abundant (>20%)	>=5	>=5	30	8	0	Mixed	1	Wood	0	Stonework	0	No	0
59	mature forest	Abundant (>20%)	>=5	>=5	30	45	0	Mixed	1	Wood	0	Stonework	0	Yes	6
60	mature forest	Abundant (>20%)	>=5	>=5	30	0	0		1	Wood	0		0	No	0
61	mature forest	Abundant (>20%)	>=5	>=5	30	45	0		1	Wood	5	Stonework	0	Yes	0
62	mature forest	Abundant (>20%)	>=5	>=5	50	2	1	Stonework	9	Mixed	11	Stonework	0	Yes	0
63	mature forest	Abundant (>20%)	>=5	>=5	30	2	0	Stonework	2	Mixed	0	Stonework	0	Yes	0
64	mature forest	Abundant (>20%)	>=5	>=5	30	30	0	Stonework	0	Mixed	0	Stonework	0	Yes	0
65	mature forest	Abundant (>20%)	>=5	>=5	50	2	1	Stonework	0	Mixed	2	Stonework	0	Yes	0
66	mature forest	Abundant (>20%)	>=5	>=5	10	15	0	Stonework	0	Mixed	0	Stonework	0	Yes	0
67	mature forest	Abundant (>20%)	>=5	<5	20	10	0	Stonework	0	Mixed	2	Stonework	0	Yes	0
68	mature forest	Sparse (<5%)	<5	No	10	2	3	Mixed	7	Mixed	14	Stonework	0	Yes	1
69	mature forest	Moderate (5-20%)	>=5	No	30	30	0	Mixed	0	Mixed	0	Stonework	0	Yes	0
70	low shrubs <2m	Sparse (<5%)	No	No	5	8	3	Mixed	4	Mixed	8	Stonework	0	No	0
71	low shrubs <2m	Sparse (<5%)	No	No	10	2	0	Mixed	2	Mixed	0	Stonework	0	No	0
72	low shrubs <2m	Sparse (<5%)	No	No	10	5	1	Mixed	2	Mixed	0	Stonework	1	No	0
73	low shrubs <2m	Sparse (<5%)	No	No	5	5	0	Mixed	0	Mixed	3	Stonework	1	No	0
74	low shrubs <2m	Sparse (<5%)	No	No	15	2	0	Mixed	0	Mixed	0	Stonework	0	No	0
75	low shrubs 2-10m	Moderate (5-20%)	No	No	15	15	0	Mixed	1	Mixed	0	Stonework	0	Yes	0
76	mature forest	Abundant (>20%)	<5	No	45	15	0	Mixed	0	Mixed	0	Stonework	0	Yes	0
77	mature forest	Abundant (>20%)	<5	No	15	5	0	Mixed	0	Mixed	0	Stonework	0	Yes	0
78	mature forest	Abundant (>20%)	>=5	>=5	50	8	0	Mixed	0	Mixed	0	Stonework	0	No	0
79	low shrubs <2m	Sparse (<5%)	No	No	50	2	0	Mixed	0	Mixed	0	Stonework	0	No	0
80	mature forest	Abundant (>20%)	>=5	>=5	50	20	0	Mixed	0	Mixed	0	Stonework	0	No	0
81	mature forest	Abundant (>20%)	>=5	>=5	50	5	0	Mixed	1	Mixed	0	Stonework	1	No	0
82	mature forest	Abundant (>20%)	>=5	>=5	50	5	0	Mixed	0	Mixed	0	Stonework	0	No	0
83	mature forest	Moderate (5-20%)	<5	>=5	20	2	1	Concrete	1	Wood	0	Stonework	0	No	0
84	mature forest	Abundant (>20%)	>=5	>=5	30	45	0	Concrete	0	Wood	0	Stonework	0	No	0
85	mature forest	Moderate (5-20%)	>=5	<5	25	45	0	Concrete	3	Wood	0	Stonework	0	No	0
86	mature forest	Moderate (5-20%)	>=5	<5	10	8	9	Mixed	33	Mixed	50	Stonework	0	No	2

APPENDIX D

2008 Segment Descriptions

Appendix D - Location Descriptions

The following section contains a brief description, segment numbers, and representative photos of the locations surveyed in 2008. Description includes the overall level of impact, main land uses, riparian cover remaining, main foreshore modifications, total foreshore length, and a description of the physical location if necessary. Segment locations can be found on the maps presented in Appendix B. These descriptions represent a summary of the data output tables found in Appendix C.

Northshore Nelson (1 Mile) – Segments 1-4

Located on the northshore, east of the big orange bridge which connects to the City of Nelson, with high level of impact, mainly urban development, and the main foreshore modifications are docks and groynes. A mixture of riparian cover from none to abundant. This is a heavily trafficked area leading out of Nelson to residences along the north and east shores. Total foreshore length is 1927 m.



Segment 2



Segment 4



Segment 4

Figure D1. Representative photos from Segments 1-4 in Northshore Nelson (1 Mile).

Northshore (2-5 Mile) – Segments 5-9

Located on the northshore with medium-high level of impact, mixture of urban development and modified land uses, no-moderate riparian cover, and many retaining walls, docks, and groynes. Total foreshore length is 3229 m.



Segment 5



Segment 7



Segment 9

Figure D2. Representative photos from Segments 5-9 in Northshore (2-5 Mile).

Shannon Point – Segments 10-14

Located on the northshore with medium-high level of impact, mainly urban development, and no-moderate riparian cover. This location stretches from Shannon Point to Willow Point at 6 Mile. Total foreshore length is 1884 m.



Segment 11



Segment 13



Segment 14

Figure D3. Representative photos from Segments 10-14 in Shannon Point.

Willow Point/ 6 Mile – Segments 15-19

Located on the northshore with a medium level of impact, mainly urban development, sparse-moderate riparian cover, and many docks and groynes. This location stretches from Willow Point to the red dock at McDonalds Landing. Total foreshore length is 2799 m.



Segment 15



Segment 19



Segment 19

Figure D4. Representative photos from Segments 15-19 in Willow Point/ 6 Mile.

McDonalds Landing – Segment 20

Located on the northshore with medium level of impact, recreational land use, and sparse riparian cover. Total foreshore length is 507 m.



Segment 20



Segment 20

Figure D5. Representative photos from Segment 20 McDonalds Landing.

Cedar Point – Segments 21-24

Located on the northshore with high level of impact, almost entirely urban development, moderate riparian cover, and many stonework groynes. This locations stretches from the end of McDonalds Landing to the end of highway rip rap before Nine Mile Narrows. Total foreshore length is 2659 m.



Segment 21



Segment 23



Segment 24

Figure D6. Representative photos from Segments 21-24 in Cedar Point. Note the sand fill dumped to shoreline in Segment 21.

Nine Mile Narrows – Segments 25-26

Located on the northshore with low-medium level of impact, a mixture of natural and urban development, and abundant riparian coverage. Total foreshore length is 1205 m.



Segment 25



Segment 26

Figure D7. Representative photos from Segments 25-26 in Nine Mile Narrows.

Crescent Bay – Segments 27-31

Located on the northshore with medium-high level of impact, mainly urban development land use, sparse to abundant riparian cover, and various foreshore modifications including a marina. Total foreshore length is 3081 m.



Segment 27



Segment 29



Segment 31

Figure D8. Representative photos from Segments 27-31 in Crescent Bay.

Kokanee Narrows (Northshore) – Segment 32

Located on the northshore with a low level of impact, recreational/park land use, and abundant riparian cover. This is the shoreline of Kokanee Creek Provincial Park. Total foreshore length is 2629 m.



Segment 32

Figure D9. Representative photo from Segment 32 of Kokanee Narrows (Northshore)

Kokanee Landing – Segments 33-34

Located on the northshore with a high level of impact, mainly urban development, and moderate riparian coverage. An active marina is located in Segment 33. Total foreshore length is 1966 m.



Segment 33



Segment 33



Segment 34

Figure D10. Representative photos from Segments 33-34 in Kokanee Landing.

Longbeach – Segments 35-36

Located on the northshore with a medium-high level of impact, mostly urban development land use, moderate-abundant riparian coverage, and many docks and groynes. Segments 36 and 37 were combined in 2008. Total foreshore length is 2055 m.



Segment 35



Segment 35



Segment 36

Figure D11. Representative photos from Segments 35-36 in Longbeach.

Harrop Narrows (Northshore) – Segments 38-41

Located on the northshore with a mixture of low and high level of impact areas, natural and urban development areas, and moderate-abundant riparian cover. This location includes the Harrop/Proctor ferry terminal, and stretches east to Fraser Narrows. Total foreshore length is 2244 m.



Segment 38



Segment 38



Segment 41

Figure D12. Representative photos from Segments 38-41 in Harrop Narrows (Northshore).

Fraser Narrows – Segments 42-44

Located on the northshore with a low-medium level of impact, mixture of natural and urban development, abundant riparian cover, and many docks and groynes. Total foreshore length is 2355 m.



Segment 42



Segment 43



Segment 44

Figure D12. Representative photos from Segments 42-44 in Fraser Narrows.

Balfour – Segments 45-46

Located on the northshore with medium-high level of impact, mainly urban development, moderate riparian cover, and many foreshore modifications. This location contains the Balfour ferry terminal, and the total foreshore length is 4487. The location ends at the confluence with the main body of Kootenay Lake.



Segment 45



Segment 46



Segment 46

Figure D13. Representative photos from Segments 45-46 in Balfour.

Queens Bay – Segments 47-48

Located on the west shore of the Main Lake, north of the confluence with the West Arm, this location has a medium-high level of impact, mainly urban development, moderate-abundant riparian cover, and twenty marine railways. Total foreshore length is 1742 m.



Segment 48



Segment 48

Figure D14. Representative photos from Segment 48 in Queens Bay.

Proctor – Segments 49-52

Located on the southshore of the West Arm with low-high level of impact, various land uses, moderate to abundant riparian cover, and many foreshore modifications. Includes the Kootenay Lake Village development. Total foreshore length is 4808 m.



Segment 49



Segment 49



Segment 50

Figure D15. Representative photos from Segments 49-52 in Proctor.

Sunshine Bay – Segments 53-54

Located on the southshore between Harrop and Proctor with a low level of impact, mainly natural and some urban development land uses, moderate-abundant riparian cover, and a few foreshore modifications. Total foreshore length of 3465 m.



Segment 53



Segment 53



Segment 54

Figure D16. Representative photos from Segments 53-54 in Sunshine Bay.

Harrop (Southshore) – Segments 55-59

Located on the southshore with a mainly low level of impact, mainly natural with a small highly developed urban residential section, sparse-abundant riparian cover, and segment 57 having many foreshore modifications. This location stretches west as far as Strickland Creek. Total foreshore length is 5995 m.



Segment 56



Segment 57



Segment 59

Figure D17. Representative photos from Segments 55-59 in Harrop (Southshore).

Kokanee Narrows (Southshore) – Segments 60-61

Located on the southshore with a low level of impact and land remains natural with abundant riparian coverage. Railway along part of the location with railway fill to shoreline in some areas. Total foreshore length is 4237 m.



Segment 60



Segment 61



Segment 61

Figure D18. Representative photos from Segments 60-61 in Kokanee Narrows (Southshore).

Atabara (Nine Mile Narrows Southshore) – Segment 62

Located on the southshore with low level of impact, natural areas including alluvial fan, abundant riparian cover, and a few foreshore modifications in residential areas. Railway along the shore. Location stretches west to Seven Mile Point. Total foreshore length is 4903 m.



Segment 62



Segment 62



Segment 62

Figure D19. Representative photos from Segment 62 in Atabara.

Seven Mile Point – Segments 63-64

Located on the southshore with a low level of impact, mainly natural with minimal urban development, and abundant riparian cover. Railway line along the shore through most of location. Total foreshore length is 3133 m.



Segment 63



Segment 64

Figure D20. Representative photos from Segments 63-64 in Seven Mile Point.

Troup Junction (Five Mile Point) – Segments 65-67

Located on the southshore with low level of impact, natural land use, and abundant riparian cover. Railway line along most of the location. Total foreshore length is 3939 m.



Segment 65



Segment 67

Figure D21. Representative photos from Segments 65-67 in Troup Junction (Five Mile Point).

Horlick- Bealbys Point – Segments 68-69

Located on the southshore just north of the City of Nelson with a high level of impact, urban development land use, sparse to moderate riparian coverage and few foreshore modifications. Railway line continues along this section of the shoreline. Location stretches to the beginning of the John's Walk subdivision. Total foreshore length is 2042 m.



Segment 68



Segment 68



Segment 69

Figure D22. Representative photos from Segments 68-69 in Horlick-Bealbys Point.

Nelson – Segments 70-75

Located on the southshore of the West Arm, the City of Nelson is the largest urban area surveyed. There is a high level of impact, mainly urban development with some park and industrial areas, and sparse riparian cover. There are various foreshore modifications including large stonework groynes, retaining walls, and marinas. Total foreshore length of this location is 5761 m.



Segment 70



Segment 71



Segment 72



Segment 75

Figure D23. Representative photos from Segments 70-75 in Nelson.

Grohman Narrows Provincial Park – Segments 76-77

Located on the southshore, below Highway 3A and the railway line, between the City of Nelson and the Taghum bridge. Medium level of impact with a mix of industrial and park land uses and abundant riparian cover. Total foreshore length is 3649 m.



Segment 77

Figure D24. Representative photo of Segments 76-77 in Grohman Narrows Provincial Park.

Taghum – Segments 78-79

Location begins on the northshore from the Taghum bridge to the end of agricultural land. Low-medium level of impact, mixture of urban, agricultural, and natural land uses, with sparse and abundant riparian cover. Agricultural lands are not separated from the foreshore. Total foreshore length is 1690 m.



Segment 78



Segment 79

Figure D25. Representative photos from Segments 78-79 in Taghum.

Grohman Narrows (Northshore) – Segments 80-84

Located on the northshore with a low level of impact, a small residential development area with the majority of land use remaining natural, and moderate to abundant riparian cover. Total foreshore length is 4193 m.



Segment 80



Segment 81



Segment 84

Figure D26. Representative photos from Segments 80-84 in Grohman Narrows (Northshore).

Burns Point (Johnson Rd. Access) – Segments 85-86

Located on the northshore, across the West Arm from the City of Nelson. Medium-high level of impact, mostly urban development, and moderate riparian cover. Many foreshore modifications, especially in Segment 86. Total foreshore length is 2765 m.



Segment 86



Segment 86



Segment 86

Figure D27. Representative photos from Segments 85-86 in Burns Point.