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## **PEACE RIVER FISH COMMUNITY INDEXING PROGRAM - PHASE 2 STUDIES**

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Cover: Peace River near Halfway River

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# PEACE RIVER FISH COMMUNITY INDEXING PROGRAM - PHASE 2 STUDIES

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## **EXECUTIVE SUMMARY**

B.C. Hydro initiated a Large River Program in the Peace River and Columbia River watersheds to help define the effects of dam and reservoir operations on fish communities. The ultimate goal of this program is to develop monitoring tools that provide a reliable index of the fish community status in each of these watersheds. This program is to be developed using a phased approach over a 3 to 5 year period. In July 2001, B.C. Hydro initiated Phase 1 with the primary goal being to develop standardized sampling protocols. Efforts during Phase 2 were to build on findings of the previous investigation to refine sampling and analytical strategies.

The objectives of the Phase 2 were to extend time series data for fish populations in the Peace River, to further refine sampling strategy, methodology, and analytical procedures, to develop an electronic storage and retrieval system for fish population and habitat monitoring data in the study area and to provide recommendations for Phase 3 investigations. The electronic data management system is provided in a separate report.

The three target species investigated were mountain whitefish, Arctic grayling and bull trout. The scope of the program included use of boat electrofishing to monitor biological characteristics, relative abundance, and absolute abundance of target species residing in nearshore habitats. The study area encompassed a 75 km section of the Peace River from just upstream of the Moberly River confluence to just downstream of the Peace Canyon Dam, which represented the upper portion of the entire study area. Sampling was stratified into 2 zones (upstream and downstream of the Halfway River) each of which contained 2 discrete study sections. Sixteen sites were sampled within each study and each site represented one of two distinct habitat categories: nearshore habitat with physical cover (SFC) and nearshore habitat without physical cover (SFN). Sampling occurred during a 42-day period from 21 August to 1 October 2002.

### Biological Characteristics

The Phase 2 data were evaluated to ascertain whether there were spatial differences in biological characteristics of the target species. Length and age-distribution, body condition, and growth rate were examined from samples collected from the two study area zones. There were spatial differences in the population structures of all three target species. Also, there was evidence that growth rate and body condition of bull trout (possibly) and mountain whitefish (definitely) also differed spatially.

### Relative Abundance

#### *Sampling Protocol*

Crew experience affected catch rate, but the results were opposite to what was expected. The mean catch rate for the experienced crew was less than the mean catch rate for the inexperienced crew. The differences were large for Arctic grayling and bull trout, but were much smaller for mountain whitefish. The experienced crew expended significantly less sampling time than the inexperienced crew, which could explain the lower catch rates. The difference in catch rate was most likely related to how the boat electrofisher was maneuvered in relation to the nearshore habitats utilized by the target species.

Observer experience affected the ability to enumerate difficult target fish species (Arctic grayling and bull trout). However, experience did not improve counts of numerous species such as mountain whitefish. The results strongly suggested that experience did not improve the sampler's ability to count mountain whitefish, it did not increase the precision of the count, and most importantly, it did not eliminate sampler bias. Use of observed fish to calculate catch rate also affected the precision of the estimate. For Arctic grayling and bull trout, inclusion of observed fish increased precision where as use of observed mountain whitefish decreased precision.

Based on the results, use of observed fish in estimation of catch rate will depend on the target species of interest. For the Peace River Fish Community Indexing Program, observed Arctic grayling and bull trout should be included in the catch enumeration. Use of observed mountain whitefish is not recommended because it would decrease sample precision and bias the catch rate estimate downward.

Mean catch rates of the three target species exhibited differences between habitats. Arctic grayling and bull trout catch rates tended to be higher in SFC habitats compared to SFN habitats. Catch rates of mountain whitefish were higher in SFN habitats. Mean catch rates also differed between sampled sections. There was no spatial trend associated with Arctic grayling, but bull trout catch rates tended to decrease from Sections 1 to 4. Mountain whitefish exhibited distinct spatial differences in abundance relative to the Halfway River confluence. Mean catch rates were approximately 40% higher in Sections 1 and 2 compared to Sections 3 and 4.

Repeated sampling may have sensitized the target fish species, which could result in altered catchability. For each of the three target species within each sample section, the majority of correlations between catch rate and session were negative.

*Confounding Factors*

To ascertain whether discharge affected catch rate, four water level recorder stations were established in the Peace River study area. The water level data provided an index of discharge and allowed calculation of water travel times between sample sites.

First, there was no relationship between a change in water level or the rate of change and catch rate for each of the target species. Second, catch rates were higher during periods of low stable water levels compared to periods of high stable water levels, but the results were not significant. Finally, water level stability may have affected catch rate, but the influence was weak. The evaluations provided limited evidence that catch rates of target species were influenced by flow patterns of the Peace River during the present study.

Water clarity in the Peace River during the sampling period was high (> 170 cm). Given the high values recorded during Phase 2 there likely was no influence of water clarity on catch rate.

*Effort Required to Detect Change*

To ascertain whether the target species populations were suitable candidates for monitoring, the relationship between sample variation (standard deviation) and a measure of the magnitude of difference needed between samples (coefficient of variation) was examined.

Most standard deviations associated with catch rate estimates remained stable between Phase 1 and Phase 2. Also the size of the standard deviation did not differ substantially between the SFC and SFN habitat categories. Coefficient of variations did change between years for Arctic grayling and bull trout, but remained similar for mountain whitefish. Because the standard deviations remained stable, the observed differences were due to changes in fish abundance. In general, catch rates for Arctic grayling decreased, while bull trout catch rates increased.

Power analysis indicated that sample sizes required for the Arctic grayling and bull trout populations made these species unsuitable for monitoring. In contrast, the mountain whitefish population was a good candidate for monitoring. The results of the power analyses for bull trout and mountain whitefish were similar to findings made in Phase 1. The Phase 2 results indicated that Arctic grayling was no longer suitable as a candidate for monitoring due to a decrease in abundance.

*Comparison to Previous Studies*

Catch rates for each of the target species populations in sampled sections differed significantly between 2001 and 2002. Arctic grayling mean catch rates decreased, while bull trout and mountain whitefish catch rates increased. The results illustrated two points. First, the Peace River fish populations exhibit large yearly differences in abundance. This has implications for the monitoring program regarding the threshold that should be used to detect change. Second, a small sample size was sufficient to document yearly differences in fish abundance.

Population Estimates

Overall, the program was highly successful for mountain whitefish, but much less so for Arctic grayling and bull trout. Population estimates were made using a Bayesian sequential closed population model. Mountain whitefish population estimates were 12 534 (Section 1), 10 587 (Section 2), 7066 (Section 3), and 6045 (Section 4). Since marks were applied only to fish greater than 250 mm, estimates are only applicable to that portion of the population. For mountain whitefish, the large number of marks applied and recaptured and the structured sequential sampling design allowed the following findings:

1. Empirical verification of the assumptions required for population estimation.
2. Population estimates must be stratified by river section.
3. The structured sequential sampling design was more efficient than the design used in 1989.
4. Highly precise population (CV = 3%) and catchability (CV = 7%) estimates.
5. Verification that catchability is constant between river sections, thus catch-per-unit effort indices are comparable and representative of the population.

The very sparse recoveries for Arctic grayling made any point estimates of population size highly unreliable. Over 100 hours of boat electrofishing effort, which is approximately 62% expansion of the current study would likely be needed to obtain defensible population estimates for Arctic grayling. For bull trout, population estimates are available, but the precision is poor. There is not sufficient data to forecast effort needed for reliable population estimates for this species; however, we can state that more effort is required and that the effort levels needed for Arctic grayling may also be sufficient for bull trout.



### Relative Abundance as an Index of Population Size

The basic premise of the index sampling approach is that the relative abundance estimate is directly proportional to absolute abundance, or that catchability stays the same. During Phase 2, mountain whitefish catchability was constant among the four sampled sections even though there was a two-fold difference in the population size and there was a substantial ability to differentiate small changes in catchability.

Relative abundance sampling was stratified between two of the habitat categories (SFC and SFN) as a way to improve precision, but it is not known whether catchability was constant among habitats. The population estimate component was not designed to address this question. However, a plot of estimated catch rate (in each habitat type) against an estimate of absolute abundance (in each section) indicated that catchability was relatively stable in the SFN habitat. Based on this preliminary assessment, it appears that the catch rates in the SFN habitat could provide a good index of absolute abundance.

### Recommendations

The Phase 2 program provided a suitable fish monitoring protocol given the logistical and financial constraints placed on the program. The Phase 2 results provided a reliable index of at least one target species: mountain whitefish. Adjustments can be incorporated into Phase 3 to improve the reliability of the data for other target species, but the basic strategy and effort employed by Phase 2 appears to be sufficient to meet the overall objective of the Large River Program.

Recommendations for Phase 3 are as follows:

1. Maintain the present study design and sampling protocol with the following adjustments:
  - a. Repeat the experiment in at least two river sections to assess inter-annual variation in catchability.
  - b. Expand the experiment to include downstream river sections within the Peace River study area.
  - c. Undertake steps to ensure standardized boat operation technique.
  - d. Continue to examine the efficacy of including observed fish in the catch data.
  - e. Evaluate the effects of habitat stratification and hyperstability on catchability.
  - f. Sacrifice mountain whitefish to ascertain sexual differences in growth and maturity.
2. Build an age-structured model that will serve to synthesize catch-per-unit-of-effort, age, and abundance information. If such models are to be maintained and used for the evaluation of operational changes, there will be a need to collect long-term information on population dynamics (e.g., mortality and stock-recruitment functional form) and use of long-lasting marks such as pit tags should be considered.

3. Investigate alternative sampling protocols for Arctic grayling and bull trout.
  - a. Adjust boat electrofishing sampling strategy to increase sample sizes available for the biological characteristic and population estimate components of the monitoring program.
  - b. Use angling as a capture method for Arctic grayling and bull trout.

#### Program Scope

Phases 1 and 2 focused efforts on developing and evaluating a monitoring protocol to document changes in the fish community. The information will be used to ascertain whether changes to the operational flow regime are manifested by changes to the fish community. Establishing a causal relationship between flow alteration and a change in the fish community will be problematic until there is a good understanding of fish community response to flow alteration. Effects outside the control of the program also will hamper the interpretation of the monitoring data.

Ideally, the scope of the Peace River Fish Community Indexing Program would be expanded to collect information needed to interpret the monitoring data. Phase 3 could initiate this process by addressing some important issues such as the effect of recreational sportfish harvest on populations of the target species, identifying nearshore habitats that are important to the target species populations, and documenting how flow alteration affects fish use of these habitats.

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## **1.0 INTRODUCTION**

### **1.1 BACKGROUND**

In 2001, B.C. Hydro initiated a Large River Program in the Peace River and Columbia River watersheds to help define the effects of dam and reservoir operations on fish communities. The ultimate goal of the program is to establish a cost-effective monitoring protocol for the Columbia River and Peace River systems to provide a reliable index of fish population characteristics. The scope of the Large River Program is to:

1. Develop standardized fish sampling protocols for trends in abundance, distribution, and biological characteristics of fish populations.
2. Advance the analytical framework to assess trends in the monitoring data and understanding how changes in habitat influence the fish populations.
3. Assess the costs and benefits of the implementation of a monitoring program in each watershed.
4. Provide recommendations for the long-term monitoring protocols in each watershed.

The program is designed to proceed in three phases over 3 to 5 years. In Phase 1, which was completed in 2001/2002, sampling was conducted to update basic information on fish populations and to test methodological assumptions. In Phase 2 (2002/2003) index sampling and population estimation efforts are to build on Phase 1 investigations to refine sampling and analytical strategies. Phase 3 (2003/2004) investigations will continue to develop the time series data, further refining sampling and analytical protocols, and provide recommendations on implementation of index monitoring programs.

P&E Environmental Consultants Ltd (P&E) and its study team were contracted by BC Hydro to complete the Phase 1 Peace River component. The findings of the Phase 1 program were sufficient to recommend a cost-effective monitoring protocol for the Peace River to provide a reliable index of fish population characteristics (P&E 2002). Phase 2 was initiated in May 2003 and P&E was contracted by BC Hydro to complete the Peace River component of the program.

For Phase 2, the P&E study team consisted of four members, each of which was responsible for a specific discipline. P&E was the overall managing consultant and was responsible for executing the field program. W.J. Gazey Research (Gazey) analyzed the population estimate data, while LGL Limited (LGL) played an advisory role. M. Miles and Associates Ltd. (MMA) used their expertise to implement a water level monitoring program to establish whether discharge influenced fish sampling effectiveness.

This document summarizes the results of Phase 2 of the Peace River Fish Community Indexing Program. Information will be presented for three major study components: relative abundance indices, population estimates, and biological characteristics. The report also will make comparisons to findings of Phase 1 and provide recommendations to assist in the development of Phase 3 of the Large River Program.

## 1.2 SCOPE AND OBJECTIVES

The scope and objectives of the Phase 2 investigations on the Peace River included the following tasks:

- 1) To design and conduct a boat electrofishing program to monitor annual changes in population abundance, distribution, and biological characteristics of target species residing in nearshore habitats.
- 2) To design and conduct a field program to monitor annual changes in relative abundance, distribution, and biological characteristics of pre-recruitment life stages of target species in shallow water habitats.
- 3) Develop, document, and populate an MS ACCESS electronic database for storing, organizing, and retrieving fish population and fish habitat data collected during nearshore and shallow water sampling in the study area. The database should build upon those developed in Phase 1 and previous work (where applicable).
- 4) Prepare a concise technical report to document field sampling protocols and findings of Phase 2, and make recommendations for Phase 3 investigations.
- 5) To participate in a Large River Program workshop with Phase 2 investigators, regulatory agency representatives, selected scientists, and BC Hydro staff to disseminate results and to discuss recommendations.

Phase 2 of the Peace River Fish Community Indexing Program did not address Task #2 identified in the Terms of Reference and above. The investigation did not monitor changes in target fish populations in shallow water habitats. During discussions with representatives of BC Hydro, it was agreed that the cost to complete this study component was not warranted given the expected reliability of the data. As such, these funds were used to increase sampling effort committed to Task #1. Finally, deliverables associated with Task #3 are presented in a separate report.

## 1.3 TARGET SPECIES

Three target species were investigated during Phase 2:

- Mountain whitefish (*Prosopium williamsoni*)
- Arctic grayling (*Thymallus arcticus*)
- Bull trout (*Salvelinus confluentus*)

Phase 1 recommended use of mountain whitefish and Arctic grayling as target species for monitoring purposes (P&E 2002). Both species are readily captured in nearshore areas using boat electrofishing and the sizes of the adult populations are very different. Bull trout was a third target species identified by the Terms of Reference for the Phase 2 investigations.

## 1.4 STUDY AREA

The Terms of Reference defined the study area as a 151 km long portion of the Peace River from the downstream face of the Peace Canyon Dam to the British Columbia/Alberta boundary (Figure 1.1). The study area investigated during Phase 2 encompassed a 75 km section of the Peace River from just upstream of the Moberly River confluence (Km 70) to just downstream of the PCN Dam (Km 145), which represents Reaches 2, and 3 identified by Pattenden *et al.* (1991), as well as Zones 3 and 4 sampled during Phase 1 studies (P&E 2002).

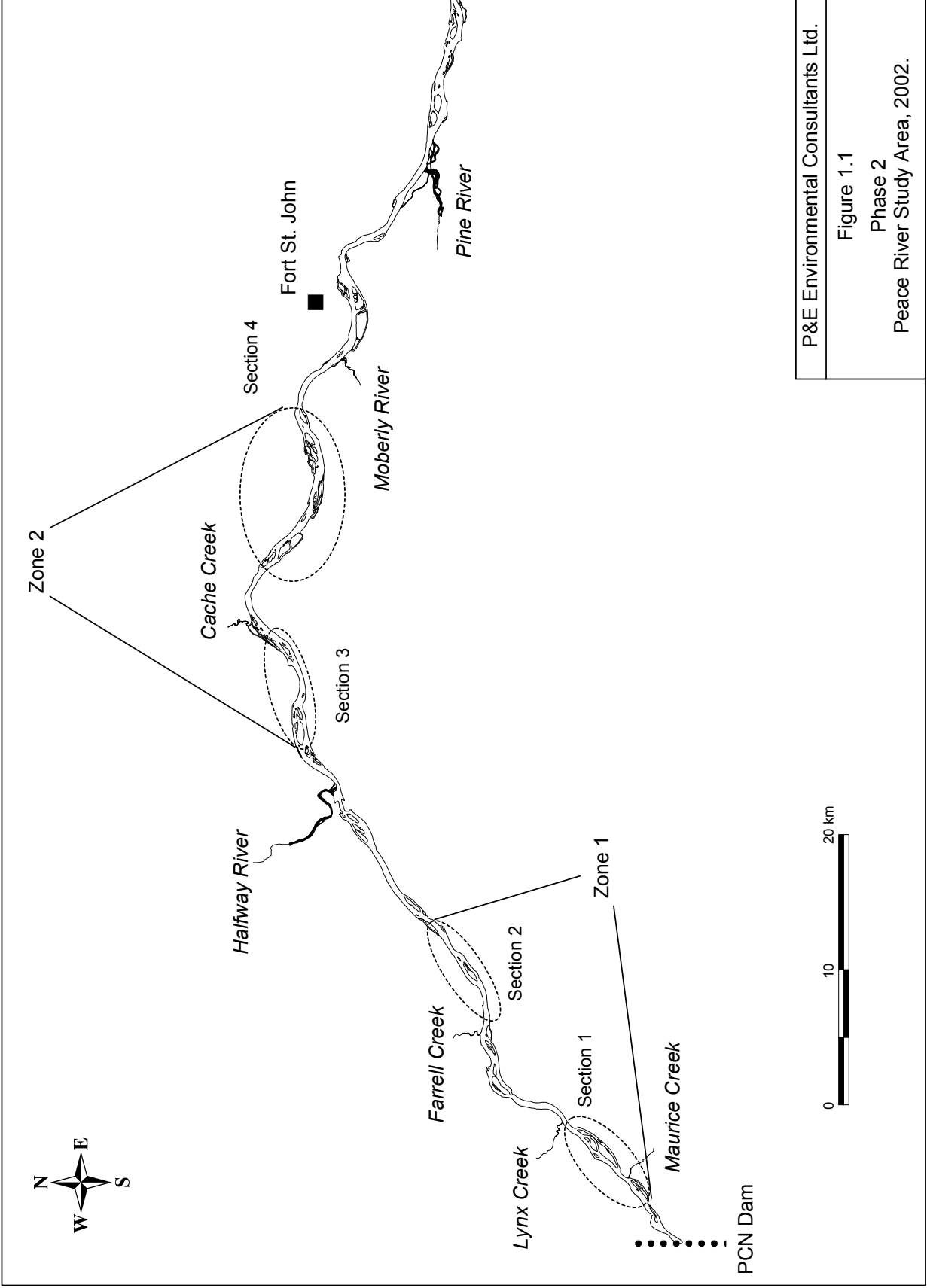
The Phase 2 study area was chosen because it encompassed the bulk of the target fish populations and that portion of the Peace River that would most likely be influenced by modifications to dam operation. Inclusion of the 75 km portion of the Peace River potentially could result in spatial differences in fish population characteristics (P&E 2002). To address this issue, sampling was stratified into 2 zones (upstream and downstream of the Halfway River) each of which contained 2 discrete sample sections (Table 1.1). This approach allowed an assessment of spatial differences in target fish population characteristics (differences between zones or sections). Based on this design, between 56% and 70% of the available nearshore habitats were sampled within each section.

Table 1.1 Locations of sections sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Zone	Section	Location	Section Length (km)	Sampled Length (m) <sup>a</sup>	Percent of Section Sampled <sup>b</sup>
Upstream of Halfway River	1	Km 145.2 to 137.0	8.2	13 022	58.5
	2	Km 125.2 to 117.0	8.2	15 150	68.7
Downstream of Halfway River	3	Km 99.2 to 89.8	9.4	20 808	70.0
	4	Km 83.9 to 70.3	13.6	19 890	56.0

<sup>a</sup> Length of nearshore bank habitat sampled in each section.

<sup>b</sup> Percent of total nearshore bank habitat sampled in each section.



P&E Environmental Consultants Ltd.

Figure 1.1

Phase 2

Peace River Study Area, 2002.

## **1.5 SAMPLE PERIOD**

Phase 2 sampling occurred during a 42-day period from 21 August to 1 October 2002. The late summer-early fall period was chosen for the following reasons. First, the Phase 1 results indicated that catch rates were highest when flows were high and stable. These conditions may concentrate fish in nearshore habitats where they are more efficiently sampled by boat electrofishing. Given the operational regime of the Bennett Dam, September to October would likely provide the best opportunity for high and stable flows. Second, high water clarity, which improves sampling effectiveness, most often occurs starting in August when tributary inputs are low. Third, late August to September is the period when adult Arctic grayling that use tributary systems for spawning, and to a lesser extent bull trout, are expected to have returned to the mainstem river and mountain whitefish exhibit sedentary behaviour prior to the fall spawning period. Fourth, day length and air temperatures during this period maximize sampling effectiveness by field crews.





## 2.0 METHODS

### 2.1 FIELD PROGRAM

#### 2.1.1 Approach

The field program was designed to collect data needed to monitor fish numbers (relative abundance and population estimates) and biological characteristics of fish populations in the Peace River. Because the primary focus of Phase 2 was to generate reliable population estimates for target fish species, the overall approach concentrated on achieving this goal. As such, the approach used for each of the other study components was adjusted to accommodate this requirement.

The basic study design involved repeated sampling of discrete sites located in defined river sections using a boat electrofisher (Table 2.1). Sixteen sites were sampled within each study section and each site represented one of two distinct habitat categories: nearshore habitat with physical cover (SFC) and nearshore habitat without physical cover (SFN). Sampling effort within each section was distributed as follows: nine SFC sites and seven SFN sites. Each site was sampled six times during the field program.

Table 2.1 Distribution of sampling effort (hours sampled) during the Phase 2 field program on the Peace River, 2002.

Zone	Section	Sampling Sequence						Total
		1	2	3	4	5	6	
Upstream of Halfway R.	1	1.8	2.0	1.8	2.2	1.9	1.8	11.6
	2	2.5	2.3	2.5	2.7	2.2	2.2	14.4
Downstream Halfway R.	3	3.3	3.2	3.4	3.0	2.8	2.6	18.3
	4	3.1	3.0	3.4	2.7	2.8	2.5	17.6
<b>Total</b>		<b>10.8</b>	<b>10.6</b>	<b>11.0</b>	<b>10.7</b>	<b>9.7</b>	<b>9.1</b>	<b>61.9</b>

Each of the first four sessions required two days to completely sample each section (8 sites per day). These sessions were used to collect information on all fish species encountered, to mark and recapture target fish species and to collect data on biological characteristics from target fish species. The last two sessions focused on obtaining recapture data for target species; therefore, only selected fish were marked and processed for biological data. (i.e., scarce target species). During each of the last two sessions, one day was required to completely sample each section (16 sites per day).

Based on this approach, there was an eight-day rest period between sample events during sessions one to four and a four-day rest period between session five and six.

Sampling focused on two discrete habitat categories (SFC and SFN) rather than using a uniform, nonselective sampling method for the following reasons. First, results of Phase 1 indicated that stratification by habitat was required to help stabilize catchability and reduce variation. Second, the two habitat categories were the most abundant and widely distributed habitats in the study area. Third, the two habitats categories represented the primary habitat types used by the target fish species. The SFC and SFN habitat categories were defined based the following physical characteristics: bank slope/depth, water velocity, and the presence of physical instream cover (Table 2.2).

Table 2.2 Habitat categories sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

<b>Habitat Category</b>	<b>Bank Habitat<sup>a</sup></b>	<b>Instream Habitat</b>	<b>Water Velocity<sup>b</sup></b>	<b>Bank Configuration<sup>b</sup></b>	<b>Physical Cover</b>	<b>Dominant Substrate</b>
SFN	A3	Run	Moderate to High	Gradual Slope/ Shallow Water	Absent	Rock
SFC	A1/A2	Run	Moderate to High	Gradual Slope/ Shallow Water	Present	Rock

<sup>a</sup> Habitat types defined in RL&L (2001).

<sup>b</sup> Based on subjective measure by experienced habitat biologist.

The length of each site was dependant on the numbers of fish encountered during the first session. In general, sampling was terminated when a maximum of 50 fish were captured. Boat electrofisher site lengths ranged between 442 and 1840 m (Appendix A). Once the length of a particular site was established, the boundaries were geo-referenced and marked with stakes. All subsequent sampling included the entire length of the site.

Diel sampling was not part of the Phase 2 program for the following reasons. First, work during Phase 1 and previous investigations on the Peace River identified logistical and safety constraints that restricted use of nocturnal sampling in much of the study area (i.e., navigation hazards and isolated work area). Given that an important goal of the Large River Program is to develop an effective, standardized sampling protocol, it was deemed inappropriate to invest time and monies in a sampling strategy that could not be widely used as a monitoring tool on the Peace River. Second, particulates in the Peace River water column cause reflection during nighttime sampling, which severely hinder sampling effectiveness. It is acknowledged that some fish species exhibit strong diel patterns of habitat use and catch rates can be higher at night. Sampling only during the day may cause lowered catch rates for some species, but the bias would be constant. As long as there are no between species comparisons, the data are appropriate for monitoring purposes.

### **2.1.2 Fish Capture Methods**

A boat electrofisher was the only method used during Phase 2 because it was the most effective technique available to capture fish found in near-shore habitats of the Peace River. Boat electrofishing targeted larger fish (> 150 mm fork length) present in water depths ranging from 0.5 to 2.0 m. Sampling was restricted to areas # 2.0 m deep because boat electrofishing effectiveness on the Peace River is dramatically reduced beyond this depth.

A 5 m boat electrofisher propelled by a 175 Hp sport-jet inboard motor was used to sample fish. The craft was equipped with a fixed-boom anode system and Smith-Root Type VIA electrofisher system. Electrofisher settings were maintained at a constant amperage output of 3.0 to 4.0 A, pulsed DC current, and a frequency of 60 Hz. These settings were sufficient to capture all three target species using the boat electrofisher and minimize injury rates of the ‘weakest’ species (mountain whitefish). Higher electrofisher settings may have increased catch rates for the ‘stronger’ species (Arctic grayling and bull trout), but they were deemed inappropriate because of the potential for high injury and mortality rates of mountain whitefish. The electrofisher settings used during Phase 2 were identical to those employed during the Phase 1 study.

The boat electrofisher sampling procedure involved drifting downstream at motor idle along the channel margin, while outputting a continuous current of electricity. In general, a depth sounder was used to maintain the boat position at a water depth of 1.25 m. The only instance when this sampling protocol changed occurred when backwater areas greater than approximately two boat lengths were encountered. In these situations, the boat was turned into the backwater at its downstream end and the channel margin within the backwater sampled in an upstream direction.

Two netters positioned on a platform at the bow of the boat captured immobilized fish, while the boat operator maintained the position of the craft along the channel margin. Netters were equipped with nets having a diameter of 45 cm and a depth of 40 cm and a mesh size of 5 cm. To facilitate capture of smaller fish, the bottom surface (40 cm<sup>2</sup>) of each net had a mesh size of 1.5 cm. Netters were instructed to retrieve a random sample of immobilized fish that were accessible from their netting position on the platform and to net no more than one fish at a time.

The only exception to this sampling protocol occurred when a rare species or life stage was encountered. In this situation, the boat was turned towards the fish and netters made every effort to capture the individual.

Upon completion of an electrofishing section, captured fish were enumerated, processed, and released. To avoid recapture of previously collected fish, fish were released on the opposite side of the river to the channel margin that was to be sampled

### **2.1.3 Observed Fish**

To ascertain the value of using observed fish to calculate catch rate, the field program used a standardized approach to enumerate observed fish. Each netter was instructed to count only un-netted fish  $\geq 250$  mm total length that were present in a defined observation zone at the bow of the boat electrofisher. Observations were restricted to four species: Arctic grayling, bull trout, mountain whitefish, and rainbow trout. At the end of a sample site, each netter recorded the number of observed fish on a data record sheet. To minimize observer bias, netters were not coached and they were instructed not to compare results.

### **2.1.4 Processing Fish**

All captured fish were held in a holding tank until processing. Data recorded for each fish included species, fork length (to the nearest 1 mm), weight (to the nearest 2 g), sexual maturity (through external examination, and/or release of gametal products), and presence of a tag, tag scar, or fin clip. An appropriate ageing structure (Mackay *et al.* 1990) also was collected from all individuals of the three target species. The first two rays of the right pectoral fin were collected from bull trout, while several scales situated immediately below the back third of the dorsal fin and above the lateral line were collected from Arctic grayling and mountain whitefish. Structures were placed in labeled envelopes and air-dried before storage.

As part of the population estimate component of the study, individuals of target fish species  $\geq 250$  mm fork length in good condition were marked with a uniquely numbered Floy tag. The tag was first immersed in an antiseptic, then inserted, using a Dennison Mark II applicator gun, into the dorsal musculature immediately below the dorsal fin between the pterygiophores. The tag was then checked to ensure it was inserted securely. To estimate tag loss rate, the adipose fin of each tagged fish was clipped.

### 2.1.5 Measured Parameters

In addition to fish capture and information on biological characteristics, other parameters measured for each site included the following:

- Date and time
- Effort (seconds/ meters)
- Sample method settings
- Habitat category
- Bank slope (shallow slope [1]; concave [2]; steep [3]; near vertical [4])
- Dominant substrate type; Modified Wentworth Scale (Cummins 1962)
- Dominant physical instream cover (rock; bank irregularities; large organic debris; none)
- Water conductivity (microseimens)
- Water temperature (°C)
- Light intensity (full sun [1]; partial cloud [2]; full cloud [3]; full shade [4])
- Water clarity (cm); using a secchi plate mounted on a pole (plate was 2.5cm wide x 21 cm long partitioned into three equal sections of black, white, and black)
- Location (river kilometre; Universal Transverse Mercator Coordinate)
- Relative netter skill (high [1]; moderate [2]; low [3]; nil [4])
- Relative observer skill (high [1]; moderate [2]; low [3]; nil [4])
- Relative water velocity (fast [1]; moderate [2]; slow [3]; low or nil [4])

This information was either processed for analysis during Phase 2 or stored for future reference as instructed by the Terms of Reference.

### 2.1.6 Measurement of Water Levels

Four instruments, the 8007WDP water depth logger manufactured by Unidata, were purchased for the Phase 1 study. This instrument consists of a 4 cm diameter, 60 cm long submersible stainless steel tube containing a pressure sensitive transducer, thermistor, power supply, and data logger. The instrument cable contains a hollow polyethylene tube to provide an atmospheric pressure reference for the transducer and a communication line mounted within a urethane jacket protected with stainless wire mesh. The polyethylene tube is vented through a silica gel desiccant to minimize the potential for condensation.

The data logger can store 52,000 entries. Each instrument was pre-programmed to measure water depths and water temperature every minute and record the average value every fifteen minutes. This sampling procedure increases the signal to noise ratio and the accuracy of the recorded data.

All four instruments were tested for a two-week period prior to being shipped to the field. One instrument began to behave erratically at the end of this testing period and a decision was made to deploy this unit near the Peace Canyon Dam where a gauge operated by the Water Survey of Canada (WSC) provides back-up data. This decision was prudent as the erratic instrument failed shortly after it was installed.

The locations of the WSC Peace River at Hudson Hope station and the four installed gauges are listed in Table 2.3.

Table 2.3 Water level gauge locations relative to fish sample sections during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Gauge	River Kilometre	Fish Sample Section
Instrument 2	145.3	1
WSC at Hudson Hope	142.3	1
Instrument 1	117.2	2
Instrument 3	98.9	3
Instrument 4	73.6	4

## 2.2 OFFICE PROGRAM

### 2.2.1 Approach

Parameters used as monitoring tools for the Peace River included biological characteristics, relative abundance (catch rate), and population estimates. The office program evaluated the efficacy of using these parameters as monitoring tools and it examined whether the Phase 2 findings were consistent with trends documented during Phase 1.

General methods used to evaluate the monitoring tools are described below. Unless otherwise stated, statistical analyses followed procedures described in Sokal and Rohlf (1981) and statistical significance was accepted at  $P < 0.05$ . To meet the assumptions required for parametric statistical analyses (i.e., normal distribution and equal variances) data were log-transformed where appropriate. When transformation did not achieve assumptions for parametric analyses, nonparametric tests were employed. For multiple correlation comparisons, Boniferroni probabilities of significance were employed.

### 2.2.2 Biological Characteristics

Biological characteristics examined included size and age distribution, body condition, and growth rate. The analyses focused on whether samples could be collected from the entire study area, or whether the sample should be stratified by zone. Data collected from individual sections within each zone were grouped for the analysis. This was deemed appropriate because of the short distance separating the sections (< 12 km).

#### Size and Age Distribution

Most fish of the three target species were measured for length and were available for analysis of size distribution. All of the Arctic grayling and bull trout were aged. The large numbers of mountain whitefish processed from each section required use of a random subsample of ageing structures. A random number generator was used to select a minimum of 200 ageing structures from fish processed in each of the two zones.

Ageing procedures followed those described in Mackay *et al.* (1990). Fin rays were fixed in epoxy, sectioned with a jeweller's saw, and mounted on a slide for viewing under a dissecting microscope. Scales were immersed in water, cleaned and placed on a microscope slide for viewing. An experienced individual aged each structure. A second experienced individual randomly aged 20% of the sample as a quality control check.

#### Body Condition

The relationship between weight and length of fish can be used to monitor fish vigour. Fulton's Condition index was used for this purpose. To minimize problems inherent to this method (Cone 1989) samples were stratified by age group (immature versus mature fish).

#### Growth Rate

Age-at-length was used to assess whether growth rates of sampled populations differed spatially. The age-length relationship was described using a best-fit curvilinear regression based on a two-parameter logarithmic equation as follows:

$$y = a * \ln(x - x_0)$$

Where  $y$  = fork length (mm),  $a$  =  $y$  intercept and  $x$  = age (years). Mean length-at-age was the test variable used for analysis of growth rate. The age classes used for comparison were based on sample availability.

### 2.2.3 Relative Abundance

Catch rate was used to provide an index of fish abundance. For boat electrofishing, catch rate was calculated by dividing the number of fish enumerated by the distance sampled and represented as number of fish per kilometre. For mountain whitefish, the number of fish enumerated equaled the number of fish captured. For Arctic grayling and bull trout, the number of fish enumerated equaled the number of fish captured plus the number of fish observed. The rationale for use of this approach is discussed in Section 3.2.2.

The approach used for statistical analyses of catch rate data was dependent on the questions asked and the characteristics of the data. For all analysis, it was assumed that catch rates differed between habitats; therefore, the data were stratified. In general, data collected during each session were grouped prior to analysis, but in some instances a repeated measure design was employed.

Most procedures used to evaluate the influence of factors on catch rate are described in the results section for each assessment. Those requiring detailed descriptions are discussed as follows.

### 2.2.4 Water Levels

Water level data collected at gauging stations were corrected to account for the lag time between conditions at the gauge and a fish sample site. This was accomplished by estimating the water travel time between gauging stations (Table 2.4).

Table 2.4 Summary of hydrographic information used to generate travel time between sample sections during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Section Length (km)	Peak Discharge			Base Discharge			Adjustment (min)
		<i>n</i>	Travel Time <sup>a</sup> (h)	Water Velocity <sup>b</sup> (km/h)	<i>n</i>	Travel Time (h)	Water Velocity (km/h)	
1	8.2	21	0.68	12.0	36	0.90	9.13	0
2	8.2	21	0.68	12.0	36	0.90	9.13	30
3	9.4	20	0.85	11.2	35	1.07	8.78	30
4	13.6	20	1.23	11.2	35	1.54	8.78	15

<sup>a</sup> Estimate of time required for water to pass through sample section.

<sup>b</sup> Estimate based on distance between; Station 1 results based on comparison to WSC Station data.

Based on the distance travelled, the water level sample interval was adjusted to match that of the fish sample interval. Given the high water velocities in the sample sections (> 8.5 km/h) the midpoint of each sample section was used.



### Scaled Water Levels

Water level readings from Hudson Hope and Instruments 1, 3 and 4 were standardized to facilitate comparison between sample sections. This was undertaken on the basis of the following formula:

$$SC = \frac{x_1 - x_2}{x_{\max} - x_{\min}} \times 20$$

Where:

SC =	standardized water depth (m)
$x_1$ =	observed water depth at Time 1 (m)
$x_2$ =	median water depth (m)
$x_{\max}$ =	maximum observed water depth (m)
$x_{\min}$ =	minimum observed water depth (m)

The standardized water depth was scaled to values between 10 and -10 by multiplying by 20.

### Water Level Variability

An index of water level variability was calculated for various periods preceding fish sampling. This was undertaken by calculating the standard deviation of the scaled water depths over the periods of the preceding 6, 12, 24, 36 and 48 hours.

### Water Level Trend Analysis

Trends in water level (i.e., rising or falling) identified by calculating the difference between 2 consecutive readings and determining the direction and magnitude of change, positive and negative values indicate rising or falling levels, respectively.

### Categorizing Water Level

Water level data were categorized to facilitate comparisons with the catch rate data. Categories included water level, rate of change, and magnitude of variation. Categories were based on the distribution of the individual data points as follows:

Low	- < 25% quartile
Medium	- 25% ≤ and ≥ 75% quartile
High	- > 75% quartile

## **2.2.5 Power Analysis**

The Z-value power equation illustrated below and described in Environment Canada and Department of Fisheries and Oceans (1995) was used to estimate the sample size ( $n$ ) needed to detect a specified

difference ( $\delta$ ) in catch rate (i.e., 10, 25, and 50% difference). Catch rate estimates and standard deviations (SD) used for the calculations were derived using the following steps. Catch rate estimates and standard deviations were calculated for a specified group (e.g., Arctic grayling in Section 1). The estimates and standard deviations were then pooled and an average calculated for each parameter. The test was based on a comparison of two independent samples and assumed a significance level ( $\alpha$ ) of 0.1 and a power ( $1-\beta$ ) of 0.8; therefore,  $Z_\alpha = 1.960$  and  $Z_\beta = 1.282$  and:

$$n \geq \frac{2(Z_\alpha + Z_\beta)^2 SD^2}{\delta^2} + \frac{Z_\alpha^2}{4}$$

### 2.2.6 Population Estimates

A mark-recapture program was conducted on mountain whitefish, Arctic grayling and bull trout over the period August 21 to October 1, 2002 (duration of 42 days). Four sections were sampled (Figure 1.1) by six sequential sessions (Table 2.5). During the first four sessions marks were applied, but during the final two sessions encountered fish were only searched for the presence of a mark. Overall, the program was highly successful (in terms of the number of marks applied and recaptured) for mountain whitefish, but much less so for Arctic grayling and bull trout. Therefore, the methodologies described below were not always applied to Arctic grayling and bull trout because of sparse data.

Table 2.5 Sampling dates by section and session and the study days used for the Jolly-Seber model during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Session	Section			
	One	Two	Three	Four
Actual Sampling Date				
1	21, 22 Aug	23, 24 Aug	25, 26, 27 Aug	27, 28 Aug
2	29, 30 Aug	1, 2 Sep	31 Aug; 2, 4 Sep	5, 6 Sep
3	7, 8 Sep	9, 10 Sep	11, 12 Sep	14, 15 Sep
4	16, 17 Sep	17, 18, 19 Sep	20, 21 Sep	22, 23 Sep
5	24 Sep	25 Sep	26 Sep	27 Sep
6	28 Sep	29 Sep	30 Sep	1 Oct
Mid or Study Day				
1	1	3	6	7
2	9	12	13	16
3	18	20	22	25
4	27	29	31	33
5	37	38	39	40

The tagging program has some characteristics that must be considered with reference to the population estimation methodology and limitations of the subsequent estimates. First, marks were applied only to fish  $\geq 250$  mm; thus, any estimates are only applicable to that portion of the population. Second, fish can grow over the life of the study such that fish recruit into the portion of the population  $\geq 250$  mm that was present when the study commenced. However, given the short duration of the study, appreciable growth was not expected. Third, marked fish can move to sections where capture vulnerability may be different because of possible differences in catchability, number of available marks for recapture or the population size. In past studies on the Peace River (P&E 2002, Pattenden et al. 1990 and 1991) sparse recoveries precluded the application of open population models (births and losses to the population are accommodated) suggested by Schwarz and Arnason (1996).

In order to address these characteristics, we first examined length histograms of the fish marked and recaptured to reveal any selectivity patterns generated by the presence of a mark. These patterns were further evaluated by lumping the lengths into 25 mm intervals and conducting tests of independence (G-test, Sokal and Rohlf, 1969) for each section. Growth over the period on the study was examined by regressing the time at large (days) of a recaptured fish on the increment in growth (difference in length measured at release and recapture). The movement of fish between sections was assessed through weighting the recaptures by sampling intensity.

The large number of mountain whitefish recaptures allowed for quantitative model selection using POPAN-5 (UFIT module) software for mark-recapture data (Arnason et al. 1998). Since there were no marks applied in session numbers five and six, these sessions were combined (for a total of 5 sampling sessions). For the purpose of total survival estimates, the time of sampling was assumed to be the mid-point of the actual sampling dates (see Table 2.5). Each section was modeled independently with recaptured fish in other sections treated as removals. For all sections, the model selection was for a closed population (no change in population size over the period of the study). Therefore, a Bayesian mark-recapture model for closed populations (Gazey and Staley 1986, Gazey 1994) was adapted to accommodate adjustments for movement to the data, allow for stratified capture probabilities and cope with sparse recaptures characteristic of Arctic grayling and bull trout. The major assumptions required for the Bayesian model are as follows:

1. The population size in the study area does not change over the period of the experiment. If mortality occurs then it can be specified independent of the mark-recapture information. Fish can move within the study area (to different sections); however, the movement is fully determined by the history of recaptured marks.

2. All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught.
3. Fish do not lose their marks over the period of the study.
4. All marks are reported when the fish are recaptured. If marks are not detected then the rate can be specified independent of mark-recapture information.
5. The population size has an a priori improper uniform distribution.

The following data needs to be extracted from the mark-recapture database in order to generate population estimates:

- $m_{ti}$  – the number of marks applied during day  $t$  in section  $i$ ,
- $c_{ti}$  – the number of fish examined for marks during day  $t$  in section  $i$ ,
- $r_{ti}$  – the number of recaptures in the sample  $c_{ti}$ , and
- $d_{ti}$  – the number of fish removed or killed of the recaptures  $r_{ti}$ .

A fish had to be greater than or equal to 250 mm to be a member of  $m_{ti}$ . A fish was counted as examined (a member of  $c_{ti}$ ) only if the fish was landed and examined for the presence of a mark and was greater than or equal to 250 mm in length. A fish was counted as a recapture ( $r_{ti}$ ) only if it was a member of the sample ( $c_{ti}$ ) and met a minimum time at large criteria (normally set at 2 days for this study). A fish was counted as removed ( $d_{ti}$ ) if it was not returned to the river and if it was a member of the recaptures ( $r_{ti}$ ).

The number of marks available for recapture, adjusted for movement, was determined by first estimating the proportion on marks released in section  $i$  moving to section  $j$  ( $p_{ij}$ ). Note by definition

$$\sum_j p_{ij} = 1.$$

Assuming that the movement of marked fish is determined by the recapture history corrected for the sampling intensity then

$$(1) \quad \hat{p}_{ij} = \frac{\sum_t c_{tj} w_{ij}}{\sum_j \sum_t c_{tj} w_{ij}}$$

where  $w_{ij}$  is the total number of recaptures that were released in section  $i$  and captured in section  $j$  over the entire study. The maximum number of releases available for recapture during day  $t$  in section  $j$  ( $m_{tj}^*$ ) is then

$$(2) \quad m_{ij}^* = \sum_i \hat{p}_{ij} m_{ii}$$

The usual closed population model assumptions (e.g., Gazey and Staley 1986) may be invalidated by natural mortality, unaccounted fishing mortality, the emigration of fish from the study area and non-detection of a mark when the fish was sampled. Thus, the number of marks available for recapture at the start of day  $t$  in section  $i$  ( $M_{ii}$ ) consists of the releases in each of the sections corrected for removals (mortality and emigration) summed over time, i.e.,

$$(3) \quad M_{ii} = \sum_{v=1}^{t-h} \exp\left\{\frac{v+h-t}{365} Q\right\} (m_{vi}^* - d_{vi})$$

where  $Q$  is the instantaneous annual rate of removal and  $h$  is the number of lag or mixing days (nominally set to two days). The number of fish examined during day  $t$  in the  $i$ 'th region ( $C_{ii}$ ) does not require correction, i.e.,

$$(4) \quad C_{ii} = c_{ii}$$

The recaptures in the sample,  $C_{ii}$ , however, need to be corrected for the proportion of undetected marks ( $u$ ), i.e.,

$$(5) \quad R_{ii} = (1+u)r_{ii}$$

The corrected marks available, sample and recaptures (equations 3, 4 and 5) are the input information required by Gazey and Staley (1986) to form the population estimates.

The estimation of population size was accomplished with a Microsoft Excel<sup>®</sup> spreadsheet model that consists of macros coded in Visual Basic. The procedure requires the execution of two passes (macros update and estimate). First (execute macro update), the mark-recapture data are assembled by sections under the selection criteria of minimum time-at-large (days) and minimum length (mm) specified by the user. For the second pass (execute macro estimate), the user must specify the sections to be included in the estimate (coined a region), annual instantaneous removal rate, the proportion of undetected marks and the confidence interval percentage desired for the output. The model then assembles the adjusted mark-recapture data (equations 3, 4 and 5) and follows Gazey and Staley (1986) using the replacement model to compute the population estimates. Output includes the posterior distributions, the Bayesian mean, standard deviation, median, mode, symmetric confidence interval and the highest probability density (HPD) interval.

Population estimates were generated for the four sections using a start-date of 21 August 2002, minimum time-at-large of two days, a minimum length of 250 mm, an annual instantaneous removal rate (represents natural mortality, unobserved removals and emigration) of 0.0 and an undetected mark rate of 0%. Other parameter values were tried in order to reveal the sensitivity of the population estimates to failures in the closed model assumptions. The total population estimate for the study area was obtained by summing the section estimates. The confidence interval for the total study area estimate was calculated invoking a normal distribution under the central limit theorem with a variance equal to the sum of the variances for the sections.

The very sparse recoveries for Arctic grayling made any point estimates of population size highly unreliable. However, the Bayesian approach enables the calculation of the posterior distribution of population size  $N_i$  from which the probability that the population size is greater than some reference population level,  $V_j$ , can be constructed as the compliment of the cumulative density, i.e.,

$$(6) \quad P(N > V_j) = 1 - \sum_{i=1}^j P(N_i)$$

The calculation of these minimum population estimates and associated precision has been shown to be very robust even under very sparse recoveries (Gazey 1994).

One of the key quantities of interest is the catchability coefficient. If it is constant across river sections then indices of abundance (such as catch-per-unit-of-effort) are comparable. An estimate for catchability for the  $i$ 'th section was calculated as

$$(7) \quad \hat{q}_i = \frac{\sum C_{ti}}{E_i \cdot N_i}$$

where  $E_i$  is effort and  $N_i$  is the population estimate for section  $i$ . Given the mark recapture and effort data, the variance of catchability is

$$(8) \quad \text{Var}(\hat{q}_i) = \left( \frac{\sum C_{ti}}{E_i} \right)^2 \text{Var}\left( \frac{1}{N_i} \right)$$

where the reciprocal of estimated abundance is distributed normally and can be estimated using the following expression (Ricker 1975, p97):

$$(9) \quad \text{Var}\left(\frac{1}{N_t}\right) = \frac{\sum_t R_{ti}}{\left(\sum_t M_{ti} C_{ti}\right)^2}$$

In order to explore the precision that may be obtained under alternative sampling intensities, a simple power analysis was conducted on the Arctic grayling results from 1989 and 1990 studies and on mountain whitefish from 1989 and this study. We assumed that the estimate of the Bayesian mean ( $\bar{N}$ ) was the actual population size and adjusted the data for an altered sampling factor for any sequence as follows:

$$(10) \quad M'_t = \left[1 - \left(1 - \frac{M_t}{\bar{N}}\right)^f\right] \cdot \bar{N}$$

$$(11) \quad C'_t = \left[1 - \left(1 - \frac{C_t}{\bar{N}}\right)^f\right] \cdot \bar{N}$$

$$(12) \quad R'_t = R_t \cdot \frac{M'_t}{M_t} \cdot \frac{C'_t}{C_t}$$

where  $f$  is the sampling factor (e.g.,  $f = 2$  represents a doubling of the sampling effort),  $M_t$  is the number of marks applied at the start of the  $t^{\text{th}}$  sampling sequence,  $C_t$  is the total number of fish examined for marks and  $R_t$  is the number of recaptured marks. The prime notation represents the data generated for a specified sampling factor. Since the number of marks applied or fish examined is small in relation to the population size, a sampling factor of 2 nearly doubles the marks applied and examined and quadruples the recoveries.

For the purposes of this analysis we defined precision to be half of the 80% highest probability density (HPD) expressed as a percentage of the mean. If the posterior distribution were perfectly symmetrical, then our precision definition would equate to the plus/minus 80% confidence interval.

### 2.2.7 Data Management System

Microsoft® Access 2000 was used to enter, check and store the raw fish and habitat data collected during Phase 2. The methods used for the data management component are described in a separate report submitted as part of the study contract.





### 3.0 RESULTS AND DISCUSSION

One objective of Phase 2 was to extend the time series data on the abundance, distribution, and biological characteristics of nearshore fish populations in the Peace River study area. The section provides a brief summary of the general characteristics of the fish community with the primary focus being the results for the three target fish species. The bulk of the section will concentrate on evaluation of the sampling strategy, methodology, and analytical procedures required to establish a viable monitoring program for the Peace River fish community. The evaluation results and discussion have been presented for the three principal monitoring components: biological characteristics, relative abundance, and population estimates. Raw data used for the analyses are provided in Appendices B, C, D, and E.

#### 3.1 GENERAL CHARACTERISTICS OF THE FISH COMMUNITY

In total 13 345 fish representing 12 fish species were recorded during the field program on the Peace River (Table 3.1). The species included 9 sportfish, 2 suckers, and 1 cyprinid. Mountain whitefish, which was one of the target species was very numerous and dominated the sample (11 747 fish or 88.0% of the sample). The two other target species were not abundant. Arctic grayling contributed only 0.6% to the sample, while bull trout accounted for 1.4%. After mountain whitefish, longnose sucker and largescale sucker were the most prominent species (6.7% and 1.9% of the sample, respectively).

Table 3.1 Number and percent composition of fish species recorded during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Family	Common Name	Scientific Name	Composition	
			Number	Percent
Salmonidae	Arctic grayling	<i>Thymallus arcticus</i> (Pallas)	85	0.6
	Bull trout	<i>Salvelinus confluentus</i> (Suckley)	193	1.4
	Kokanee	<i>Oncorhynchus nerka</i> (Walbaum)	31	0.2
	Lake whitefish	<i>Coregonus clupeaformis</i> (Mitchill)	2	<0.1
	Mountain whitefish	<i>Prosopium williamsoni</i> (Girard)	11 747	88.0
	Rainbow trout	<i>Oncorhynchus mykiss</i> (Walbaum)	98	0.7
Gadidae	Burbot	<i>Lota lota</i> (Linnaeus)	2	<0.1
Esocidae	Northern pike	<i>Esox lucius</i> Linnaeus	3	<0.1
Percidae	Walleye	<i>Stizostedion vitreum vitreum</i> (Mitchill)	10	<0.1
Catostomidae	Largescale sucker	<i>Catostomus macrocheilus</i> Girard	247	1.9
	Longnose sucker	<i>Catostomus catostomus</i> (Forster)	893	6.7
Cyprinidae	Northern pikeminnow	<i>Ptychocheilus oregonensis</i> (Richardson)	34	0.2
<b>Total</b>			<b>13 345</b>	<b>100.0</b>

The results were very similar to findings of the large-fish sampling component of Phase 1 (P&E 2002). Mountain whitefish was the most important species numerically, followed by longnose sucker and largescale sucker. The only difference between Phase 1 and the present study was the apparent decrease in numerical importance of Arctic grayling compared to bull trout. In 2001, Arctic grayling were more prominent than bull trout (4.3% versus 2.5%).

The majority of the 12 fish species recorded during Phase 2 were widely distributed throughout the study area (Table 3.2). This was true for most sportfish except lake whitefish, burbot, and northern pike. As for the percent composition results, these findings were very similar to those of Phase 1. The only exception was for walleye, which typically is a species that occurs farther downstream near the British Columbia/Alberta boundary (Pattenden *et al.* 1990). During Phase 1 this species was not recorded upstream of the Halfway River. During Phase 2, walleye were observed in each of the four sections.

Table 3.2 Spatial distribution of fish species recorded during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Name	Zone 1 <sup>a</sup>		Zone 2	
	Section 1	Section 2	Section 3	Section 4
Arctic grayling	*	*	*	*
Bull trout	*	*	*	*
Kokanee	*	*	*	*
Lake whitefish	*		*	
Mountain whitefish	*	*	*	*
Rainbow trout	*	*	*	*
Burbot			*	
Northern pike				*
Walleye	*	*	*	*
Largescale sucker	*	*	*	*
Longnose sucker	*	*	*	*
Northern pike minnow	*	*	*	*

<sup>a</sup> Zone 1 upstream of the Halfway River; Zone 2 downstream of the Halfway River.

## 3.2 MONITORING COMPONENTS

### 3.2.1 Biological Characteristics

In 2001, length-frequency distribution, length-weight relationship (i.e., body condition), and length-at-age results for one of the target species, mountain whitefish, indicated that there were spatial differences in the biological characteristics of the population (P&E 2002). The Phase 2 data were evaluated to ascertain whether this pattern was consistent for all three target species. Data were separated into Zone 1 and Zone 2 for the analyses (upstream and downstream of the Halfway River confluence, respectively).

### 3.2.1.1 Arctic grayling

In total, 85 Arctic grayling were sampled for biological characteristics. When stratified by zone, sample sizes available for analyses in Zones 1 and 2 were 28 and 57 fish, respectively.

A visual comparison of length and age distributions of Arctic grayling suggested that there were spatial differences in the population structure (Figure 3.1). Smaller fish < 250 mm fork length accounted for a greater percentage of the sample in Zone 2 compared to Zone 1 (40.6% versus 10.7%, respectively). This difference was related to the absence of Age 1 fish from Zone 1. The data also suggested that fish in the 250 - 300 mm size range (Age 2 fish) were not abundant in either zone. Another spatial difference was the strong modal peak at 330 mm fork length (Age 3 fish) in Zone 1. No Age 0 fish were encountered. The results indicated that there were spatial differences in length and age structures of the population. The data also illustrated differences in year class strength.

The results were consistent with the expected distribution pattern for Arctic grayling in the Peace River. The population likely spawns in the Halfway River system and younger aged fish enter the Peace River late in their first year to overwinter in the area downstream of the Halfway River (Pattenden *et al.* 1990). This would explain the larger number of small fish in Zone 2 compared to Zone 1. It should be noted that the absence of Age 0 fish in the sample could be an artifact of the capture method used; however, intensive sampling documented very few young-of-the-year Arctic grayling in the mainstem Peace River (RL&L 2001).

A visual comparison of length-at-age data suggested that growth rates of Arctic grayling in Zones 1 and 2 were very similar (Figure 3.1). Analysis of mean length-at-age identified no statistical differences between zones (Table 3.3). The body condition of fish sampled from each zone also was similar. The mean condition factor was approximately 0.55 for immature and mature fish in each zone (Table 3.4).

Table 3.3 Mean length-at-age of Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Age	Zone 1		Zone 2		P-value <sup>a</sup>
	<i>n</i>	Mean Fork Length ( $\pm$ SE)	<i>n</i>	Mean Fork Length ( $\pm$ SE)	
1	1	203.0	18	186.4 $\pm$ 4.6	-
2	3	257.7 $\pm$ 7.2	8	250.1 $\pm$ 10.4	0.847
3	16	341.4 $\pm$ 3.6	12	341.3 $\pm$ 4.5	0.982
4	4	380.5 $\pm$ 2.3	8	386.3 $\pm$ 6.1	0.548
5	2	402.5 $\pm$ 4.5	5	397.6 $\pm$ 4.5	-
6	-	-	2	420.0 $\pm$ 2.0	-

<sup>a</sup> Based on Independent samples t-test.

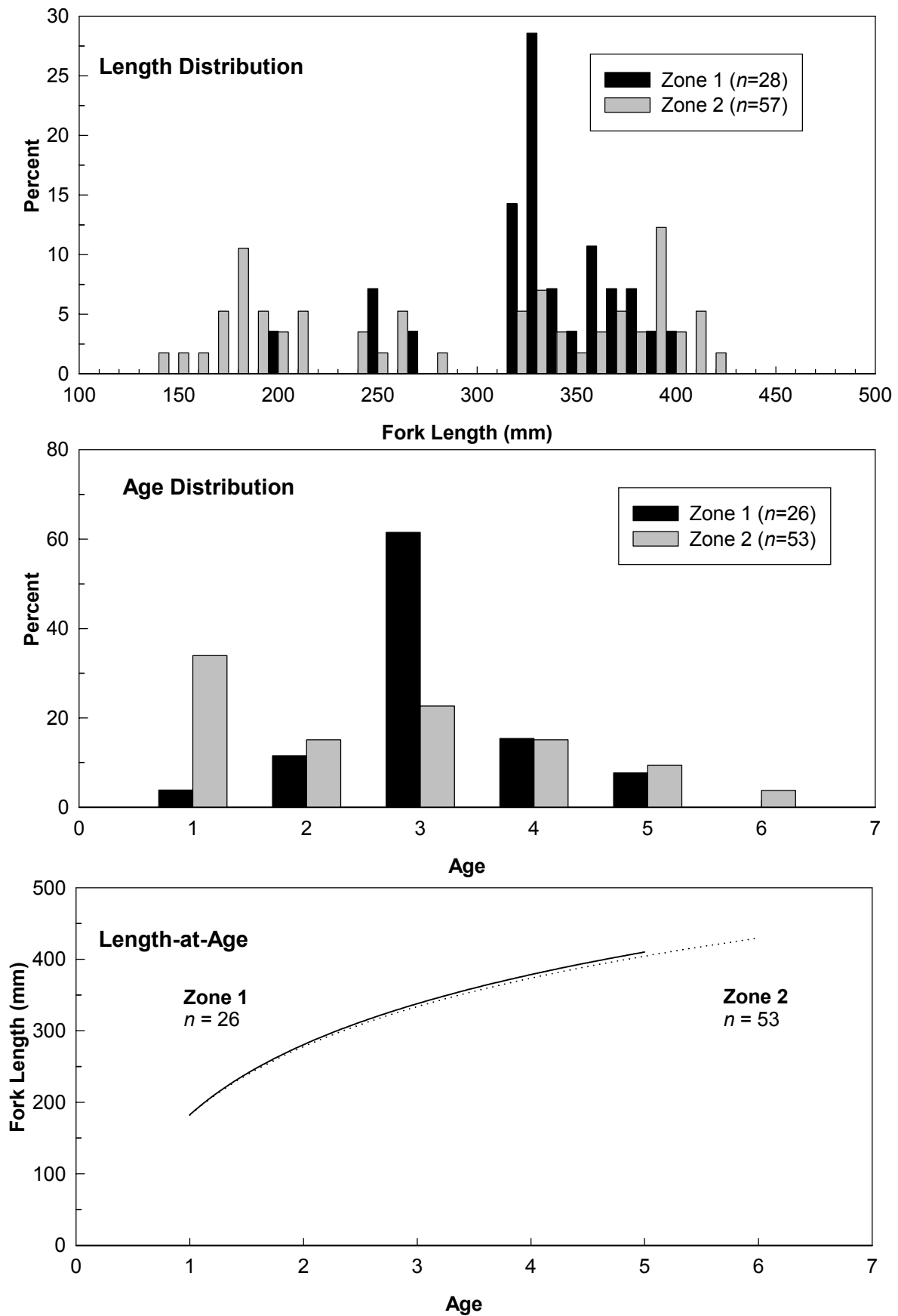


Figure 3.1 Length and age distributions and length-at-age data for Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation  $[y=a*\ln(x-x_0)]$ .

Table 3.4 Mean condition factor of Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Group <sup>a</sup>	Zone 1		Zone 2		P-value <sup>b</sup>
	<i>n</i>	Mean Condition ( $\pm$ SE)	<i>n</i>	Mean Condition ( $\pm$ SE)	
Immature	2	0.53 $\pm$ 0.03	22	0.55 $\pm$ 0.07	0.690
Mature	24	0.56 $\pm$ 0.01	34	0.56 $\pm$ 0.01	0.795

<sup>a</sup> Maturity based on results of age analysis; fish  $\leq$  250 mm fork length considered immature (Age 2 and younger).

<sup>b</sup> Based on Independent samples t-test.

The results for length-at-age and body condition suggested that there were no spatial differences in the sampled population for these two parameters. The findings for length-at-age and body condition could be an artifact of the small sample sizes used for the analyses, but this is unlikely. Arctic grayling are a migratory species; therefore, the Peace River population probably consists of mobile individuals that continually mix within the 75 km study area. Based on the spatial differences in length and age structure of the Arctic grayling population, future monitoring programs should be stratified by zone.

### 3.2.1.2 Bull trout

In total, 193 bull trout were sampled for biological characteristics. When stratified by zone, sample sizes available for analysis in Zones 1 and 2 were 91 and 102 fish, respectively.

Length and age distributions of the bull trout sample suggested that there were spatial differences in the population structure (Figure 3.2). Smaller fish  $<$  300 mm fork length were more prominent in Zone 1 compared to Zone 2 (29.7% versus 16.6%, respectively). This difference was the result of the prevalence of Age 2 and Age 3 fish in Zone 1. No Age 0 or Age 1 fish were recorded from the sample.

Conversely, larger fish  $>$  450 mm fork length (Age 6 and older) were less prevalent in Zone 1 compared to Zone 2 (23.1% versus 39.4%, respectively). The results were consistent with movement studies by Pattenden *et al.* (1991) and Burrows *et al.* (1999), which identified the section of the Peace River downstream of the Halfway River confluence as an important feeding and wintering area for large, mature bull trout. The presence of younger fish (Ages 2 and 3) in Zone 1 may reflect dispersal into upstream areas of the Peace River by subadults that reared in the Halfway River system.

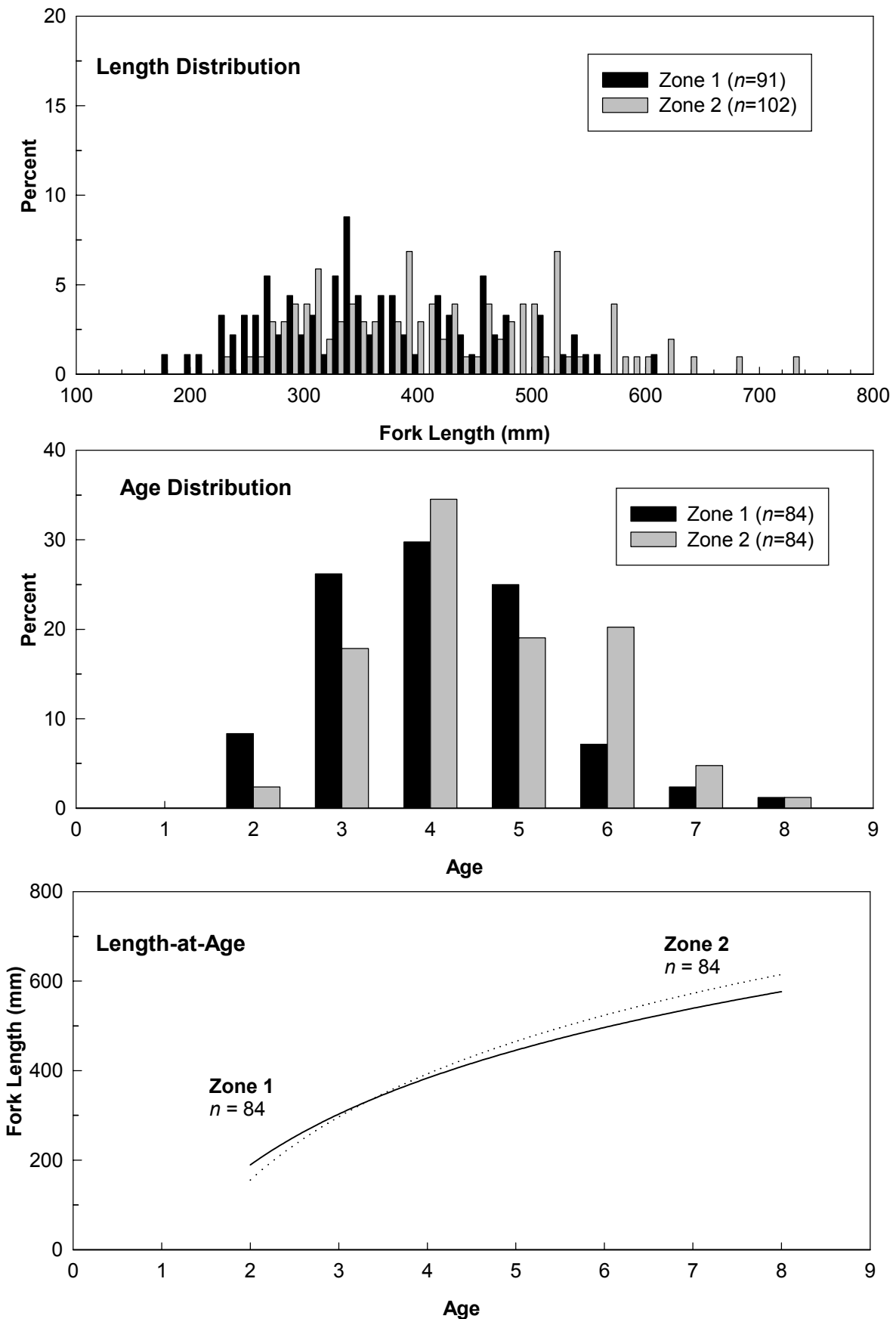


Figure 3.2 Length and age distributions and length-at-age data for bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation [ $y=a*\ln(x-x_0)$ ].

A visual assessment of length-at-age data suggested that growth rates of bull trout in Zones 1 and 2 differed (Figure 3.2). Fish less than 3 years of age in Zone 2 appeared to be smaller than their counterparts in Zone 1. The relationship was reversed at Age 5, with fish in Zone 2 being larger.

Mean length-at-age data did not support this observation (Table 3.5). Bull trout sampled from Zone 2 were consistently larger at a given age than bull trout in Zone 1. However, analysis of the data did not identify statistical differences between zones for the majority of the sample. Only Age 5 fish exhibited a significant difference in mean length ( $P = 0.013$ ). These results likely reflect the wide range of fish lengths associated with each age class (Appendix C, Figure C6). Although the fit of each curvilinear regression line was considered good ( $r^2 \geq 0.742$ ), it likely was not sufficient to accurately describe differences in length-at-age between zones. As such, sample sizes used during Phase 2 were probably too small to interpret length-at-age data with confidence.

Table 3.5 Mean length-at-age of bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Age	Zone 1		Zone 2		P-value <sup>a</sup>
	<i>n</i>	Mean Fork Length ( $\pm$ SE)	<i>n</i>	Mean Fork Length ( $\pm$ SE)	
1	-	-	-	-	-
2	7	231.9 $\pm$ 9.1	2	245.0 $\pm$ 11.0	-
3	22	295.0 $\pm$ 7.9	15	298.5 $\pm$ 5.3	0.713
4	25	360.5 $\pm$ 8.9	29	366.9 $\pm$ 6.8	0.567
5	21	440.3 $\pm$ 10.3	16	476.6 $\pm$ 8.4	0.013
6	6	548.3 $\pm$ 17.3	17	530.9 $\pm$ 13.8	0.504
7	2	511.5 $\pm$ 28.5	4	586.8 $\pm$ 25.2	-
8	1	820.0 $\pm$ 0.0	1	735.0 $\pm$ 0.0	-

<sup>a</sup> Based on Independent samples t-test.

The body condition of bull trout sampled from each zone also appeared to differ (Table 3.6). For both immature and mature fish, the mean condition factor was slightly higher in Zone 1 compared to Zone 2. Although the data suggest spatial differences in body condition, they were not statistically significant.

The results for bull trout suggested that the population structure (size and age distributions) differed between zones. There were also trends in length-at-age and body condition, but the differences were not significant. The findings highlight two issues. First, spatial differences in the bull trout population indicate that future monitoring should incorporate spatial stratification. Second, the large variation in length-at-age data will necessitate collection of larger sample sizes in order to detect statistical differences in growth.

Table 3.6 Mean condition factor of bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Group <sup>a</sup>	Zone 1		Zone 2		P-value <sup>b</sup>
	<i>n</i>	Mean Condition ( $\pm$ SE)	<i>n</i>	Mean Condition ( $\pm$ SE)	
Immature	41	0.95 $\pm$ 0.15	24	0.93 $\pm$ 0.01	0.366
Mature	45	0.95 $\pm$ 0.02	63	0.92 $\pm$ 0.01	0.157

<sup>a</sup> Maturity based on results of age analysis; fish  $\leq$  350 mm fork length considered immature (Age 4 and younger).

<sup>b</sup> Based on Independent samples t-test.

### 3.2.1.3 Mountain whitefish

A large number of mountain whitefish were sampled during Phase 2. In total, 8632 fish were measured for length and weight. Of these, 400 fish or 5% of the sample was aged.

A visual comparison of length and age frequency distributions of mountain whitefish indicated that there were spatial differences in the population structure (Figure 3.3). The sampled population in Zone 1 exhibited a condensed bi-modal size distribution (modal peaks at 240 mm and 310 mm fork length). Fish  $<$  175 mm fork length and  $>$  350 mm fork length were largely absent from the sample. Mountain whitefish in Zone 2 exhibited a much broader multi-modal size distribution. Modal peaks occurred at 150 mm, 190 mm, 270 mm, and 340 mm fork length.

The results for Zone 1 can be explained by the scarcity of fish age classes 1 and 7, 8 and 9 and the preponderance of fish Aged 3, 5 and 6. As expected, the age distribution of sampled mountain whitefish in Zone 2 was more evenly distributed (Ages 1 to 9). In this zone, Ages 3 and 7 were dominant.



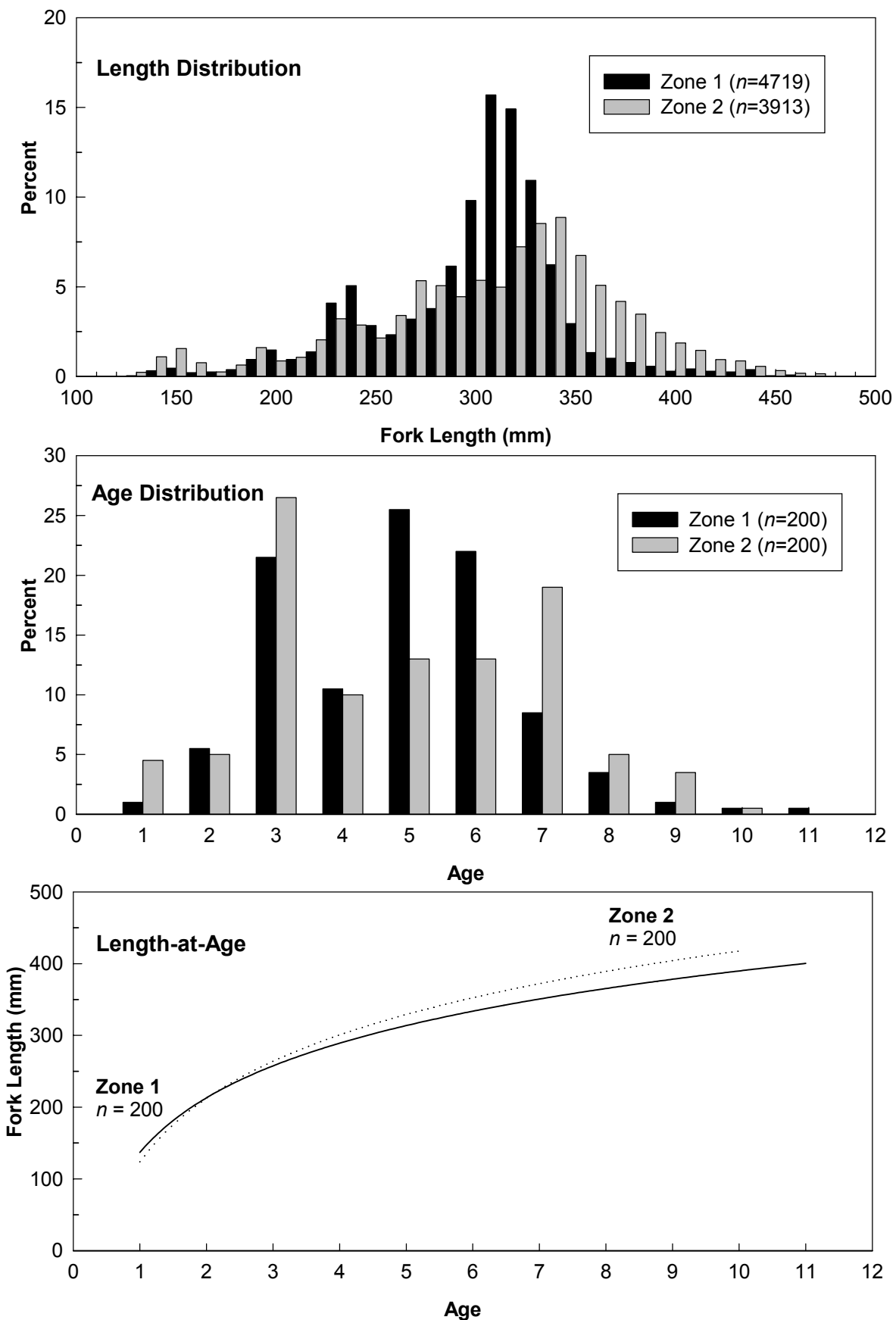


Figure 3.3 Length and age distributions and length-at-age data for mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation  $[y=a*\ln(x-x_0)]$ .

The length distributions were very similar to the results of Phase 1 (P&E 2002), but the findings were not easily explained. Perhaps gross differences in habitat dictated the distribution pattern. Higher water velocities and the absence of physical cover may exclude smaller fish from Zone 1. Also, larger fish may have been better adapted to exploit food resources present in the smaller substrates of Zone 2. Or larger fish in Zone 2 may have represented the mature female component of the population. Regardless of the reason, there were spatial differences in the size and age structure of the mountain whitefish population.

Length-at-age data also suggested spatial differences in growth rate (Figure 3.3). Fish less than 2 years of age in Zone 2 were smaller than their counterparts in Zone 1. The relationship was reversed by Age 3, with fish in Zone 2 being larger at a given age. Mean length-at-age data supported this observation and the majority of the differences were statistically significant (Table 3.7). These findings were consistent with the results of Phase 1 (P&E 2002). The data provided further evidence that the mountain whitefish population in the Peace River study area exhibited spatial differences in biological characteristics. The results also indicated that, unlike bull trout, the sample sizes for mountain whitefish were sufficient to detect statistical differences in length-at-age.

Table 3.7 Mean length-at-age of mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Age	Zone 1		Zone 2		P-value <sup>a</sup>
	<i>n</i>	Mean Fork Length ( $\pm$ SE)	<i>n</i>	Mean Fork Length ( $\pm$ SE)	
1	2	160.5 $\pm$ 17.5	9	147.9 $\pm$ 2.5	-
2	11	217.8 $\pm$ 5.1	10	196.6 $\pm$ 5.6	0.012
3	43	253.1 $\pm$ 3.3	53	261.6 $\pm$ 3.9	0.101
4	21	298.5 $\pm$ 4.4	20	301.8 $\pm$ 4.1	0.590
5	51	313.4 $\pm$ 1.4	26	328.3 $\pm$ 2.3	0.000
6	44	328.1 $\pm$ 1.7	26	345.0 $\pm$ 3.3	0.000
7	17	347.4 $\pm$ 4.2	38	366.8 $\pm$ 3.1	0.001
8	7	377.3 $\pm$ 11.4	10	408.9 $\pm$ 7.8	0.031
9	2	397.5 $\pm$ 32.5	7	435.3 $\pm$ 11.4	-
10	1	444.0 $\pm$ 0.0	1	461.0 $\pm$ 0.0	-
11	1	444.0 $\pm$ 0.0	-	-	-

<sup>a</sup> Based on Independent samples t-test.

The body condition of mountain whitefish sampled from each zone differed (Table 3.8). For both immature and mature fish, the mean condition factor was significantly higher in Zone 1 compared to Zone 2, which is similar to the findings of Phase 1 (P&E 2002).

The results for mountain whitefish indicated that population structure (size and age distributions), growth rate, and body condition differed between zones; therefore, future monitoring should be stratified.

Table 3.8 Mean condition factor of mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Group <sup>a</sup>	Zone 1		Zone 2		P-value <sup>b</sup>
	<i>n</i>	Mean Condition ( $\pm$ SE)	<i>n</i>	Mean Condition ( $\pm$ SE)	
Immature	255	1.76 $\pm$ 0.01	352	1.67 $\pm$ 0.01	0.000
Mature	3790	1.81 $\pm$ 0.01	3088	1.75 $\pm$ 0.01	0.000

<sup>a</sup> Maturity based on results of age analysis; fish  $\leq$  225 mm fork length considered immature (Age 2 and younger).

<sup>b</sup> Based on Independent samples t-test.

### 3.2.2 Relative Abundance

Relative abundance, or catch rate, is a potential monitoring tool for the Peace River Fish Community Indexing Program. Phase 1 results indicated that boat electrofishing catch rates likely were suitable to document changes in the abundance of large-fish species residing in nearshore habitats (P&E 2002). However, several factors needed to be addressed in order to increase the reliability of the data. First, a structured sampling protocol was required in order to help stabilize catchability and improve sample precision. Second, the variable nature of the data necessitated use of stratified sampling and increased effort in order to detect change with statistical certainty. Based on recommendations from Phase 1, the Phase 2 program attempted to address these issues by implementing sampling protocols as follows:

- Use of standardized methods.
- Sampling was completed during a single period when the target species were thought to be sedentary and when conditions were ideal (high water clarity and potentially stable water levels).
- Sampling was stratified by river section ( $n =$  four) and habitat (SFC and SFN).
- Sampling effort was increased to the level needed to achieve sufficient statistical power.

To help further refine sampling strategy and methodology, other factors thought to affect the reliability of catch rate data were examined. The four primary issues of interest were crew experience, use of observed fish to calculate catch rate, as well as the effect of repeated sampling, discharge, and water clarity.

This section will evaluate the approach recommended by Phase 1 and implemented during Phase 2, as well as these additional factors to ascertain whether they are sufficient to achieve the goals of the Peace River Fish Community Indexing Program. When appropriate, comparisons will be made to results of Phase 1.

### *3.2.2.1 Sampling Protocols*

#### Influence of Crew Experience

At the request of the client, persons from BC Hydro and regulatory authorities participated as part of the field crew (Paul Higgins, Research Biologist, BC Hydro, pers. comm.). Each of these persons had a fisheries background, but none were trained in boat electrofisher netting methods and none had experience in large-fish sampling on a large fluvial system such as the Peace River. Participation by these persons during the field program allowed examination of crew experience as a factor that could affect reliability of the catch data in terms of the ability to net fish and the ability to count the number of observed fish.

Two crews were used to sample fish. Crew 1 consisted of an experienced boat operator and two experienced netters. The configuration of the 'more experienced' Crew 1 did not change during the entire field program. Crew 2 also consisted of an experienced boat operator and one experienced netter. However, the third member of Crew 2 was an inexperienced person provided by the client or was a local individual who had no electrofisher training. Crew 2 was considered 'less experienced'.

The number of captured fish per unit effort was examined to ascertain whether experience affected catch rates (Figure 3.4). Crew experience affected catch rate but, the results were opposite to what was expected. In the SFC habitat (habitat with physical cover), the mean catch rate for Crew 1 was less than the mean catch rate for Crew 2 (11 of 12 comparisons). The differences typically were > 50% for Arctic grayling and bull trout, but much less so for mountain whitefish (< 15%). In the SFN habitat, there was no consistent pattern. The variable nature of the data and low catch rates precluded statistical analyses of the Arctic grayling and bull trout data. For mountain whitefish, the difference in catch rate approached, but was not significant in the SFC habitat ( $P = 0.120$ ) and was not significant in the SFN habitat (0.909) [Results based on Repeated Measures Analysis using log-transformed data from sites that were equally sampled by Crews 1 and 2 ( $n = 24$  for SFC and  $n = 27$  for SFN); each site sampled 3 times].

The results suggested that the effectiveness of the single inexperienced netter on Crew 2 did not decrease mean catch rates. Instead, sampling protocol used by the more experienced Crew 1 resulted in lower catch rates, particularly for Arctic grayling and bull trout in the SFC habitat. Because two experienced netters were employed on Crew 1, the difference in catch rate was most likely related to boat operation rather than netter effectiveness.

Sampled sites in each section were a specific length; therefore, differences in boat operation would be manifested by differences in sampling time or seconds. Sites that were sampled an equal number of times by Crews 1 and 2 were selected to examine this question. Based on this criterion, 8 SFC sites and 9 SFN sites were available for analysis; each was sampled 3 times.

Crew 1 expended significantly less sampling time than Crew 2 in sites located in each of the SFC and SFN habitat categories (Table 3.9). The percent difference in mean sampling time between the two crews was 14.6% in SFC and 15.6% in SFN. This difference likely explained the lower mean catch rates of Crew 1.

Table 3.9 Mean sampling effort (seconds) expended by Crews 1 and 2 during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Habitat	Crew 1		Crew 2		P-value <sup>b</sup>
	<i>n</i>	Mean Effort ( $\pm$ SE)	<i>n</i>	Mean Effort ( $\pm$ SE)	
SFC	24	495.0 $\pm$ 28.4	24	579.3 $\pm$ 31.7	0.013
SFN	27	356.0 $\pm$ 17.5	27	421.7 $\pm$ 23.2	0.018

<sup>a</sup> Based on Analysis of covariance using meters as covariate.

Because the sampling protocols were standardized between crews at the beginning of the field program (i.e., acceptable range of boat speed and water depth, and continuous operation of the electro fisher unit) the difference in the catch results likely were related to how the boat electrofisher was maneuvered to access nearshore habitats. If Crew 1 did not follow the shoreline as closely as Crew 2 this would explain the lower sampling time. It would also explain the difference, or lack of difference, in catch for each of the target species. Lower catch rates for Arctic grayling and bull trout in the SFC habitat likely occurred because fish of both species were closely associated with physical cover next to shore. Because mountain whitefish did not have an affinity for physical cover, the disparity in catch rates was much less in the SFN habitat. The lack of physical cover also would explain the absence of differences between the two crews for the SFN habitat for Arctic grayling and bull trout catch rates.

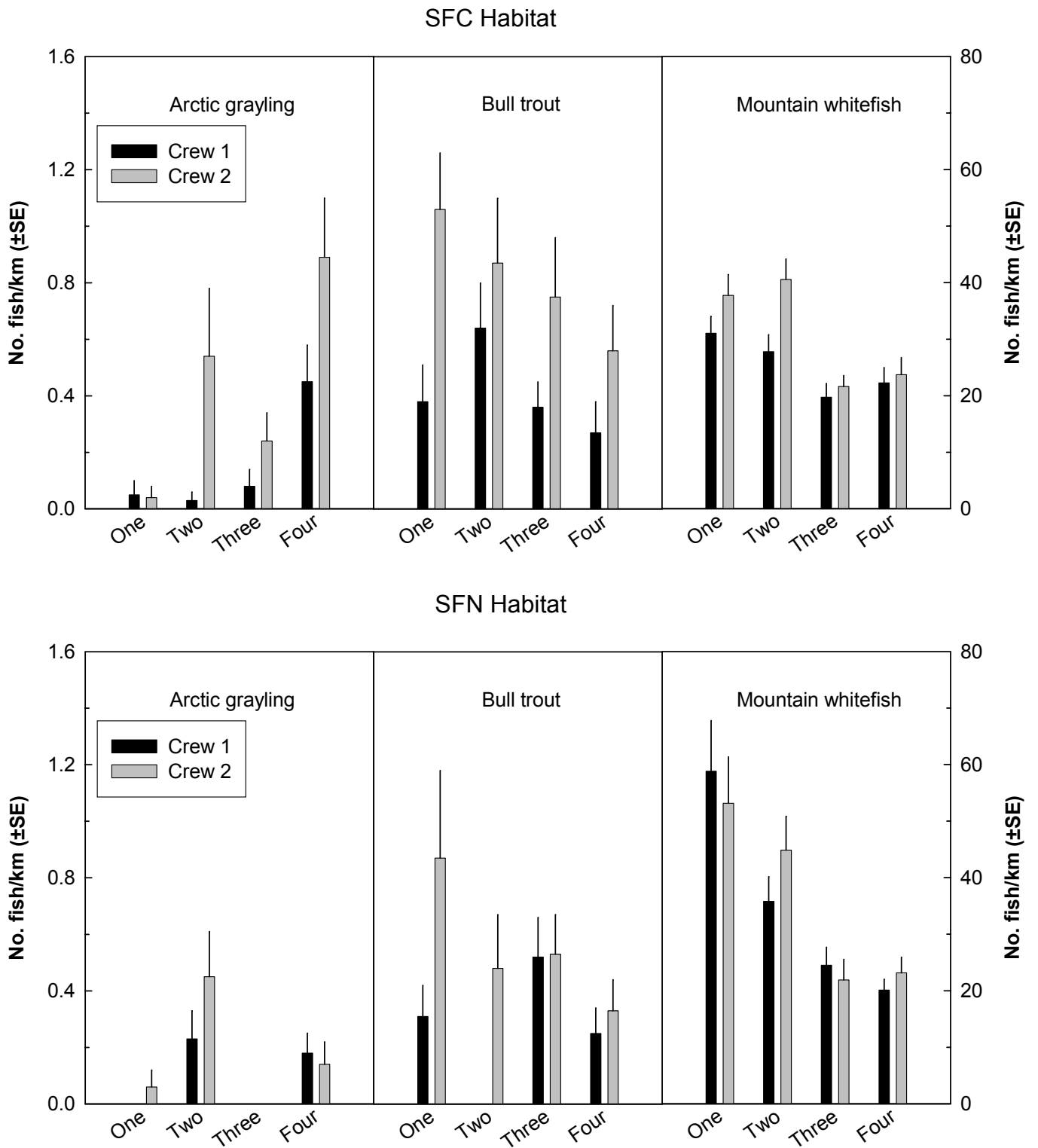


Figure 3.4 Relationship between mean catch rate of target fish species and crew experience in two habitat categories during Phase 2 of the Peace River Fish Community Indexing Program, 2002 (Crew 1 - more experienced; Crew 2 - less experienced).

The results of this evaluation highlight two issues. First, a small difference in sampling time expended (~15% difference) was sufficient to reduce the catch rates for Arctic grayling and bull trout in SFC habitat. Second, this difference had the potential to bias the monitoring results. As such, all subsequent analyses of Arctic grayling and bull trout catch rates used only data collected by Crew 2. Analysis of the mountain whitefish catch used data collected by both crews.

#### Use of Observed Fish

Results of Phase 1 indicated that observed fish of the more abundant species (mountain whitefish) should not be included in the enumeration data because it could affect the precision of the sample (P&E 2002). This conclusion was reached because factors such as field conditions, sampler experience, and observer bias may affect the investigator's ability to correctly count fish. As the number of fish observed increases, these problems are likely exacerbated. Phase 1 recommended that observed fish of less abundant species (Arctic grayling and bull trout) be included in the sample because their omission was thought to cause a substantial bias in the data. To confirm the validity of this approach, observed data collected by experienced and inexperienced samplers were evaluated to ascertain whether it affected the precision of the data and whether there was observer bias.

The first step in the analysis was to examine whether the ability to count observed fish was affected by the difficulty in identifying the target species. Arctic grayling and bull trout were defined as 'difficult' species because they typically were located under the water surface and they were similar in appearance to other fish species. Arctic grayling were similar in physical appearance to mountain whitefish, while bull trout were similar to larger-sized longnose and largescale suckers. For the two difficult species, knowledge of swimming form, in addition to physical appearance, was required for positive identification.

The ability of experienced and inexperienced samplers to identify difficult target fish species was examined by comparing the correlation between the number of fish captured and the number observed at a particular site (Table 3.10). Inexperienced samplers showed a very weak correlation (0.087 and 0.059 for Arctic grayling and bull trout, respectively). In contrast, significant positive correlation between number of fish observed and captured for experienced samplers (0.340 for Arctic grayling and 0.172 for bull trout). The results support the suggestion that sampler experience affected the ability to enumerate difficult species.

Table 3.10 Correlation between number of fish captured and number observed for experienced and inexperienced samplers during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Pearson's Correlation Coefficient	
	Experienced ( <i>n</i> = 622)	Inexperienced ( <i>n</i> = 145)
Arctic grayling	0.340*	0.087
Bull trout	0.172*	0.059

\*  $P < 0.05$ ; Two-tailed test.

Sampler experience also may have influenced counts of numerous species such as mountain whitefish. Sampler ability would dictate whether the precision of the count remained constant as fish numbers increased and whether there was an upper limit to the number of fish that could be counted. To examine this question, the number of observed mountain whitefish was compared to the number captured in Section 1. Mountain whitefish in Section 1 were used for the analysis because the sample population exhibited a wide range of abundance at this location (0 to 115 fish).

Sampler experience did not improve the reliability of the mountain whitefish counts (Figure 3.5). First, the amount of variation explained by the relationship between observed and captured fish approximated 70% for experienced and inexperienced groups. Second, sampler experience did not affect the ability to maintain the precision of the count. This was illustrated by the increased spread of the data points in relation to the number captured in each group. Third, both experienced and inexperienced samplers tended to underestimate the number of mountain whitefish counted. The slope of each relationship was less than 1 (0.774 for experienced samplers and 0.677 for inexperienced samplers). In theory, the number of fish observed should exhibit exponential growth because there is a finite ability to physically net fish, but there is no physical limitation on the ability to count fish. The results strongly suggested that experience did not improve the sampler's ability to count a numerous species such as mountain whitefish, it did not increase the precision of the count, and most importantly, it did not eliminate sampler bias.

Finally, the effect of using observed fish should be evaluated in terms of its effect on the precision of the catch rate data and how this influences the ability to detect change. Higher variation around the estimate would decrease the power of an analysis and should be avoided. This question was examined by comparing the coefficient of variation of the catch rate estimate generated with and without observed fish. The results of the comparison indicated that the effect of including observed fish on sample variation depended on the target species (Table 3.11).



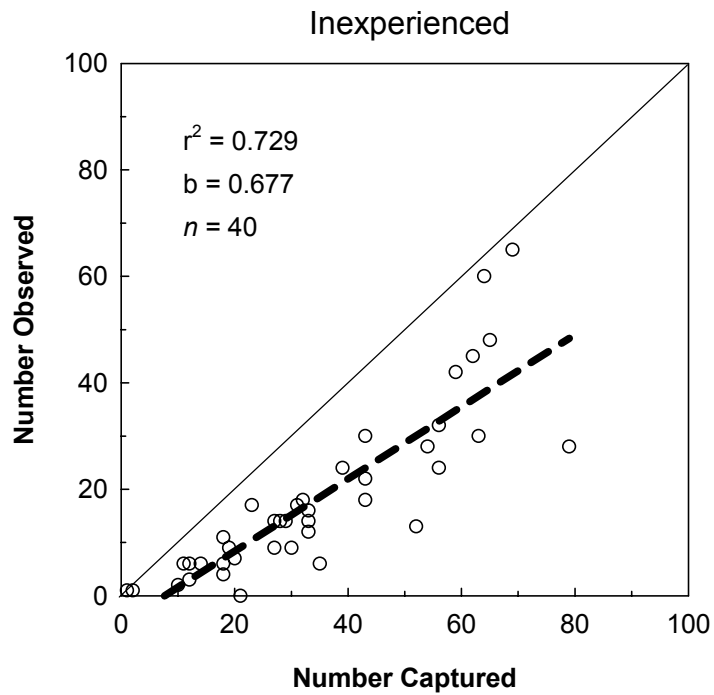
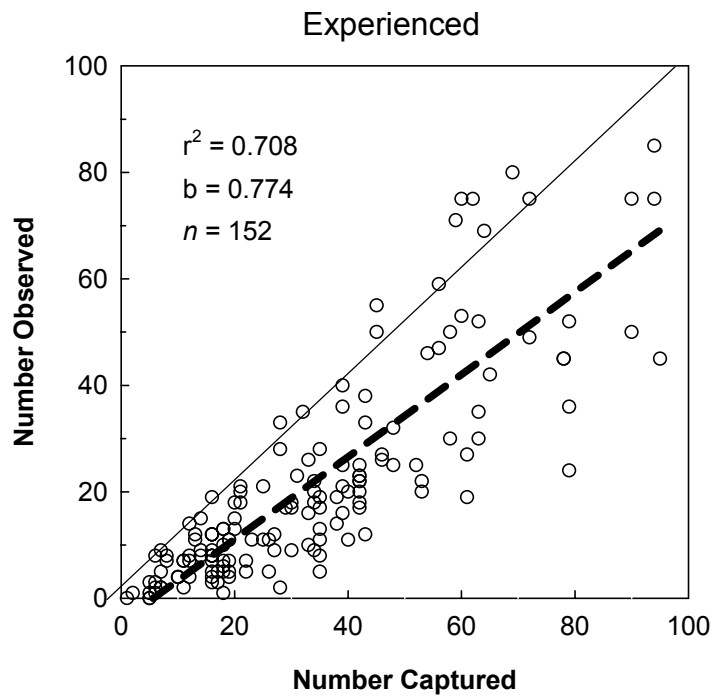


Figure 3.5 Relationship between number captured and number observed of mountain whitefish sampled from Section One during Phase 2 of the Peace River Fish Community Indexing Program, 2002 (solid line represents slope = 1).

Table 3.11 Effects of observed fish on the precision of catch rate estimates during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Habitat	Coefficient of Variation <sup>a</sup>		Percent Change in Variation
		Captured	Captured + Observed	
Arctic grayling	SFC	2.35	1.66	-18.1
	SFN	2.61	1.85	-20.2
Bull trout	SFC	1.13	1.07	-3.8
	SFN	1.36	1.12	-16.5
Mountain whitefish	SFC	0.59	0.62	+6.2
	SFN	0.61	0.67	+9.4

<sup>a</sup> Generated using Crew 2 data for Arctic grayling and bull trout; data from both crews used for mountain whitefish; estimates for each section pooled for the analysis.

For Arctic grayling, inclusion of observed fish decreased the coefficient of variation for the pooled catch rate estimates in each of the SFC and SFN habitats (-18.1% and -20.2%, respectively), which indicated an improvement in precision. The results for bull trout were similar. Inclusion of observed fish decreased the coefficient of variation in the SFC habitat (-3.8%) and in the SFN habitat (-16.5%). Use of observed fish in catch rate estimates for mountain whitefish increased the variation for samples collected from both the SFC and SFN habitat categories (6.2% and 9.4%, respectively).

The results were not consistent with findings presented in Phase 1 (P&E 2002). Use of observed fish generally increased variation associated with the catch rate estimates, regardless of species, which contradicts the findings presented in Table 3.11. A possible explanation for the differences could be use of data stratified by habitat and larger sample sizes employed during the present study.

Based on the results, the target species of interest should dictate whether observed fish are used to calculate catch rate. For Phase 2 evaluations, observed Arctic grayling and bull trout were included in the catch rate analyses because these species were scarce and use of observed fish increased the precision of the estimate. For a very abundant species such as mountain whitefish, observed fish were not used to calculate catch rates because inclusion of these data would bias the results and decrease sample precision.

#### Stratification by Section and Habitat

Findings during Phase 1 indicated that spatial distributions of some target fish species were influenced by habitat and river section (P&E 2002). Arctic grayling tended to be less abundant upstream of the Halfway River, while the opposite was true for bull trout and mountain whitefish. In terms of habitat, catch rates for Arctic grayling and bull trout were higher in areas containing physical cover (SFC habitat).

However, mountain whitefish were more abundant in areas without physical cover (SFN habitat). Phase 1 recommended that future sampling be stratified by river section and habitat type to reduce catch rate variation and to help stabilize catchability.

In general, mean catch rates for Arctic grayling were very low in all sampled sections (Figure 3.6 and Table 3.12). Values ranged from zero to 1.10 fish/km. Bull trout catch rates also were low. Mean values for this species ranged from 0.64 to 1.98 fish/km. Catch rates for mountain whitefish were much greater than for the other two target species: mean values exceeded 20 fish/km.

Table 3.12 Mean catch rates of the three target species stratified by section and habitat during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Section	SFC Habitat		SFN Habitat		P-value <sup>a</sup>
		<i>n</i>	Mean ( $\pm$ SE)	<i>n</i>	Mean ( $\pm$ SE)	
Arctic grayling	1	21	0.23 $\pm$ 0.12	19	0.20 $\pm$ 0.11	0.854
	2	23	1.10 $\pm$ 0.37	18	0.75 $\pm$ 0.26	0.698
	3	18	0.27 $\pm$ 0.11	14	0.00	0.035
	4	18	1.05 $\pm$ 0.23	14	0.19 $\pm$ 0.08	0.006
<b>P-value<sup>b</sup></b>		0.011		0.038		
Bull trout	1	21	1.34 $\pm$ 0.29	19	1.49 $\pm$ 0.44	0.936
	2	23	1.98 $\pm$ 0.54	18	0.95 $\pm$ 0.28	0.247
	3	18	1.27 $\pm$ 0.28	14	0.85 $\pm$ 0.20	0.357
	4	18	0.87 $\pm$ 0.22	14	0.64 $\pm$ 0.18	0.464
<b>P-value</b>		0.587		0.742		
Mountain whitefish	1	54	33.7 $\pm$ 2.4 (A)	42	56.3 $\pm$ 6.1 (A)	0.076
	2	54	33.2 $\pm$ 2.5 (A)	42	39.7 $\pm$ 3.6 (A)	0.280
	3	54	20.4 $\pm$ 1.8 (B)	42	23.6 $\pm$ 2.4 (B)	0.166
	4	54	22.8 $\pm$ 2.0 (B)	42	21.1 $\pm$ 1.6 (B)	0.751
<b>P-value</b>		0.000		0.014		

<sup>a</sup> Based on Mann-Whitney U test for Arctic grayling and bull trout; Independent samples t-test using log-transformed data for mountain whitefish.

<sup>b</sup> Based on Kruskal-Wallis test for Arctic grayling and bull trout; Repeated measures analysis using log-transformed data for mountain whitefish. Different letters designate significantly different ( $P < 0.05$ ) values using the Tukey B means test.

The target species exhibited spatial differences in relative abundance (Figure 3.6). Arctic grayling catch rates were higher in SFC habitats compared to SFN habitats in all four sampled sections. Bull trout catch rates also were higher in SFC habitats in three of four sections. And, catch rates of mountain whitefish were higher in SFN compared to SFC habitats in three sections. These results were consistent with the findings from Phase 1. Although trends were apparent from the data, the majority of differences between the two habitat types were not statistically significant (Table 3.12).

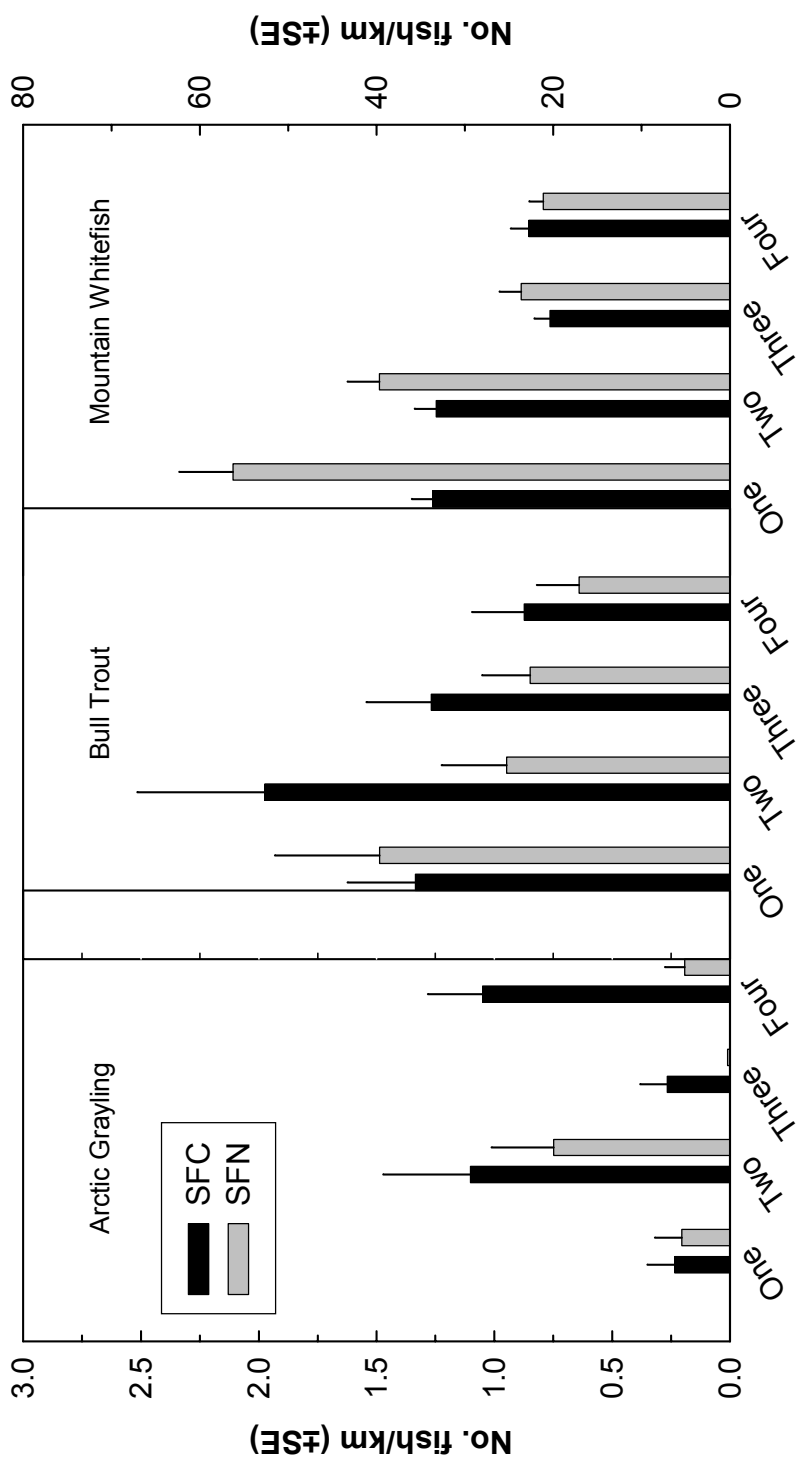


Figure 3.6 Mean catch rate of three target species stratified by section and habitat during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Mean catch rates also differed between sampled sections (Figure 3.6). There was no spatial trend associated with Arctic grayling catch rates. Fish abundance was highest in Sections 2 and 4 and lowest in Sections 1 and 3. The results for Section 3 were opposite to what was expected. Previous studies documented high Arctic grayling catch rates in this portion of the Peace River (Pattenden *et al.* 1990; RL&L 2001; P&E 2002). Therefore, the low numbers of Arctic grayling recorded during Phase 2 were surprising. One apparent cause would be the absence of fish in the 250 to 300 mm size range (Age 2) during Phase 2 compared to the sampled populations in the other studies. It is possible that the failure of this year class was responsible for the decrease in Arctic grayling abundance in 2002.

Bull trout mean catch rates tended to decrease from Sections 1 to 4. Values went from approximately 1.40 fish/km in Section 1 to 0.8 fish/km in Section 4. The observed differences were not statistically significant for either the SFC or SFN habitat categories.

Mountain whitefish exhibited distinct spatial differences in abundance relative to the Halfway River confluence. Mean catch rates were approximately 40% higher in Sections 1 and 2 compared to Sections 3 and 4 and this difference was consistent for both the SFC and SFN habitat categories. Statistical analysis confirmed these groupings.

The results documented spatial differences in catch rates for each of the three target species. As such, stratification by habitat and river section was an appropriate strategy for monitoring of fish populations in the Peace River.

#### Effect of Repeated Sampling on Catch Rate

The field program was structured to collect information for calculation of population estimates. As such, sampling was repeated six times in each section. This level of sampling intensity may have sensitized the target fish species to boat electrofishing if there was an insufficient rest period between sessions. The most likely result would be fish avoidance resulting in reduced catch rates and altered catchability. The program was designed to provide a rest period of eight days between sampling during the first five sessions. A four-day rest period occurred between Sessions 5 and 6.

The trends in catch rate versus session were examined for each target species using Pearson correlation coefficients. For each of the three target species the majority of correlations between catch rate and session for each sample section were negative, which suggested that there was an effect (Table 3.13). Four of these relationships were significant and all were recorded in SFC habitats: Arctic grayling in

Sections 2 and 3, bull trout in Section 2, and mountain whitefish in Section 1. Removal of Session 6 from the analysis, which had a rest period of only four days, did not change the outcome of the analysis. Although there is an indication that repeated sampling may affect catchability, definitive conclusions should not be drawn from the results because other factors could have influenced catch rate (e.g., changes in discharge). However, the findings should be acknowledged when developing future monitoring programs.

Table 3.13 Correlation<sup>a</sup> between catch rate and session during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Habitat	Section ( <i>n</i> )			
		One	Two	Three	Four
Arctic grayling	SFC	-0.079 (21)	-0.380* (23)	-0.431* (18)	+0.184 (18)
Bull trout	SFC	-0.113 (21)	-0.395* (23)	-0.110 (18)	-0.121 (18)
Mountain whitefish	SFC	-0.272* (54)	-0.062 (54)	+0.041 (54)	-0.140 (54)
	SFN	-0.057 (45)	-0.155 (45)	-0.181 (45)	-0.046 (45)

<sup>a</sup> Pearson Correlation Coefficient generated using Crew 2 data for Arctic grayling and bull trout; comparisons for Arctic grayling and bull trout restricted to SFC habitats due to insufficient data (zero catch) in SFN habitats; data from both crews used for mountain whitefish (\*  $P < 0.05$ ; One-tailed test).

### 3.2.2.2 Confounding Factors

#### Discharge

Phase 1 results suggested that discharge could influence catchability of some target species (P&E 2002). The results tended to support the assumption that flow stability rather than flow volume affected catch rates; however, the study indicated that additional work was required to confirm this position.

To ascertain whether discharges during the field program affected catch rate, water level recorder stations were established in the Peace River study area. The water level data provided an index of discharge and allowed calculation of water travel times between sample sites. It should be noted that the station at the upstream end of Section 1 failed during the program; therefore, data from the Water Survey of Canada station was used in its place.

One basic flow pattern was recorded during the entire field program (Figure 3.7). It was depicted by rapid changes in water level followed by short periods of high or low stable flow. The data record also illustrated that the distinct fluctuation at Station 1 progressively attenuated as the distance from the PCN Dam increased.

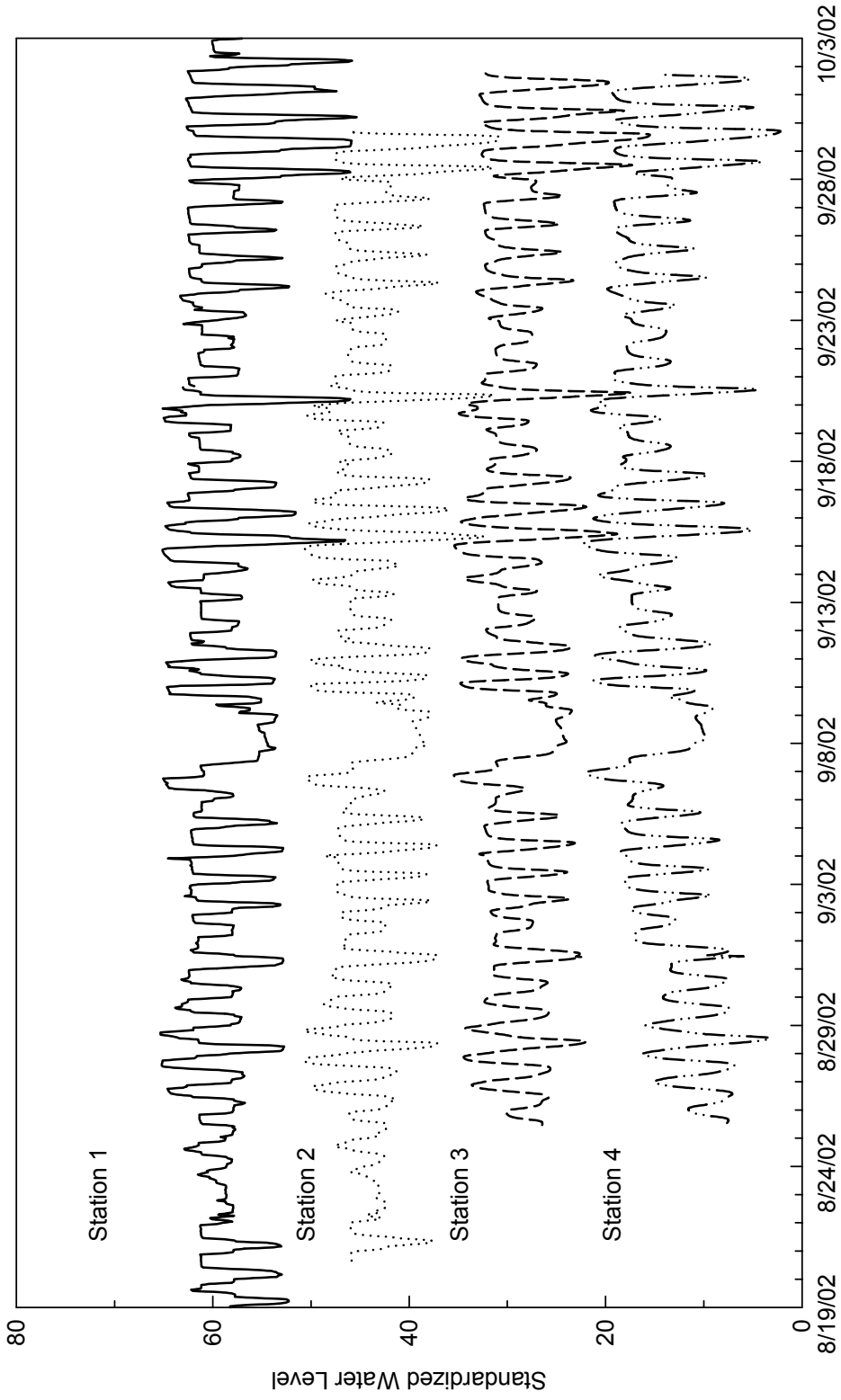


Figure 3.7 Standardized water levels at monitoring stations during Phase 2 of the Peace River Fish Community Indexing Program, 2002 (Patterns represent measurements at 15 minute intervals; see Section 2.1.5 regarding Station 1).

The time required to record a change in water flow was dependant on distance traveled and discharge from the PCN Dam (Figure 3.7; Table 3.14). During peak discharge, average travel time between the upstream and downstream boundaries of the study area was 6.0 h; during base discharge it increased to 7.6 h. Similarly, the average water velocity decreased from approximately 11.2 km/h during peak discharge to approximately 9.1 km/h during base discharge. The hydraulic characteristics resulted in very short travel times within each fish sample section. Estimated travel times were shortest in Sections 1 and 2 (0.68 h to 0.90 h, respectively). Travel times were longer in Sections 3 and 4, but values did not exceed 1.54 h. The results indicated that the duration of a particular flow effect was short-lived within each sample section. Therefore, the data collected at each station required only minor adjustments to accurately reflect real-time flow conditions at a particular fish sample site within a section ( $\pm 0.5$  h).

Table 3.14 Summary of hydrographic information and sample sizes available for analysis during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Section Length (km)	Peak Discharge		Base Discharge		No. Samples per Flow Pattern and Habitat Category							
		Travel Time <sup>a</sup> (h)	Water Velocity <sup>b</sup> (km/h)	Travel Time (h)	Water Velocity (km/h)	Falling		Stable-Low		Rising		Stable-High	
						SFC	SFN	SFC	SFN	SFC	SFN	SFC	SFN
1	8.2	0.68	12.0	0.90	9.1	6	7	7	2	30	27	2	0
2	8.2	0.68	12.0	0.90	9.1	6	2	13	7	31	29	4	4
3	9.4	0.85	11.2	1.07	8.8	3	1	4	1	38	29	5	3
4	13.6	1.23	11.2	1.54	8.8	33	25	0	0	3	8	8	4

<sup>a</sup> Estimate of time required for water to pass through sample section.

<sup>b</sup> Estimate based on distance between; Station 1 results based on comparison to WSC Station data.

The variable flow pattern during the entire field program dictated that the majority of sampling occurred during rising or falling river conditions (Table 3.14). The spatial location of the sample sections also caused inconsistent flow conditions among sections. Rising water levels dominated in Sections 1, 2, and 3, while falling water levels dominated in Section 4. Based on these conditions the data available to examine the effect of stable water levels on catch rate were limited and samples used to examine the effect of changing water levels had to be stratified by section.

Several water level parameters were examined to ascertain whether discharge affected catch rate. These included changes in water levels, the rate or magnitude change, high versus low water levels, and water level variability prior to sampling.



The effects of changing water levels were examined by comparing the correlations between standardized values and catch rates. The analysis was restricted to Section 4 for falling water levels and Sections 1, 2, and 3 for rising water levels (see Table 3.14). The results indicated that there was no relationship between a change in water level and catch rate (Table 3.15). Correlations between standardized water levels and catch rates were generally very weak and the direction of the effect was not consistent. This was true for periods of rising water levels in Sections 1, 2, and 3, as well as periods of falling water levels in Section 4. Only two significant negative correlations were recorded and these occurred during rising water levels: Arctic grayling in SFC habitat in Section 1 and mountain whitefish in SFN habitat in Section 3. The results indicated that changing water levels did not affect catch rates of the target species.

Although change in water level had no effect, the rate of change could have had an influence. A similar approach was used for this analysis, but the magnitude of change, which was the difference in water level from the previous measure, was used for the analysis. Again, the results indicated that there was no relationship between rate of change and catch rate for each of the target species (Table 3.16). Correlations were weak and there was no consistent direction of the effect. Similar to the results for changing water level, the rate of change had no apparent influence on catch rates of the target species.

The effect of water level on catch rate at the time of sampling also was examined. The evaluation was completed by comparing catch rates during periods of low stable water levels to periods of high stable water levels. To maximize sample sizes, data for Sections 1 and 2 were combined. This approach provided sufficient data for mountain whitefish in both habitat categories and for Arctic grayling and bull trout in the SFC habitat.

Catch rates for each of the target species were higher during periods of low stable water levels compared to periods of high stable water levels (Table 3.17). The increases were as follows: 100% for Arctic grayling and 81% for bull trout (SFC habitat), and 51% (SFC habitat) and 81% (SFN habitat) for mountain whitefish. Despite the large difference in catch rates, the results were not statistically significant. It should be noted that the power of the tests were low due to small sample sizes. Based on these findings there was an indication that catch rates were higher during conditions of low water flow compared to high water flow.

Table 3.15 Correlations between catch rates and standardized water levels during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Direction	Section	Species	Habitat Category	
			SFC	SFN
Falling	4	Arctic grayling	+0.421 <sup>a</sup>	-0.096
		Bull trout	-0.247	-0.037
		Mountain whitefish	+0.157	-0.068
Rising	1	Arctic grayling	-0.666*	-
		Bull trout	+0.239	+0.174
		Mountain whitefish	-0.295	-0.327
	2	Arctic grayling	-0.031	+0.034
		Bull trout	+0.150	+0.388
		Mountain whitefish	-0.225	+0.116
	3	Arctic grayling	+0.239	-
		Bull trout	+0.365	+0.288
		Mountain whitefish	+0.029	-0.518*

<sup>a</sup> Pearson's Correlation Coefficient generated using Crew 2 data for Arctic grayling and bull trout; data from both crews used for mountain whitefish (\* P < 0.05; Two-tailed test); see Table 3.14 for sample sizes.

Table 3.16 Correlations between catch rates and changes in water level during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Direction	Section	Species	Habitat Category	
			SFC	SFN
Falling	4	Arctic grayling	+0.159 <sup>a</sup>	+0.225
		Bull trout	+0.145	-0.054
		Mountain whitefish	+0.031	-0.482*
Rising	1	Arctic grayling	-0.260	-
		Bull trout	-0.278	-0.367
		Mountain whitefish	-0.381*	+0.178
	2	Arctic grayling	-0.262	+0.179
		Bull trout	+0.019	-0.174
		Mountain whitefish	+0.123	+0.057
	3	Arctic grayling	-0.300	-
		Bull trout	+0.240	-0.148
		Mountain whitefish	+0.023	+0.271

<sup>a</sup> Pearson's Correlation Coefficient generated using Crew 2 data for Arctic grayling and bull trout; data from both crews used for mountain whitefish (\* P < 0.05; Two-tailed test); see Table 3.14 for sample sizes.

Table 3.17 Comparison of mean catch rates of three target species during periods of low or high stable water levels during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Habitat Category	Low		High		P-value <sup>a</sup>
		<i>n</i>	Mean ( $\pm$ SE)	<i>n</i>	Mean ( $\pm$ SE)	
Arctic grayling	SFC	7	1.53 $\pm$ 0.96	3	0.00	0.207
Bull trout	SFC	7	1.43 $\pm$ 0.57	3	0.79 $\pm$ 0.40	0.481
Mountain whitefish	SFC	20	36.1 $\pm$ 4.2	6	23.9 $\pm$ 3.2	0.270
	SFN	9	45.4 $\pm$ 7.7	4	25.1 $\pm$ 6.6	0.193

<sup>a</sup> Based on Mann-Whitney U test for Arctic grayling and bull trout; Independent samples t-test using log-transformed data for mountain whitefish.

The final parameter examined was the effect of water level stability on catch rate. The analysis compared mean catch rates associated with periods of stable water levels to those associated with variable flows. This was accomplished by calculating the standard deviation of the water level measurements for a 12 h period immediately preceding the boat electrofishing sample. A 12 h period was chosen for the following reasons. First, it encompassed a time window that was potentially influenced by the normal operational flow regime of the BC Hydro facilities. Second, it provided sufficient time for fish to respond to the change or lack of change in water level. The standard deviation values were then categorized in two groups: stable (low variation) versus variable (high variation). The catch data were grouped into zones (Sections 1 and 2 versus Sections 3 and 4) for the analysis to maximize sample sizes.

Water level stability may have affected catch rate, but the influence was weak and it was restricted to samples collected in Zone 1 upstream of the confluence with the Halfway River (Table 3.18). Mean catch rates were higher for the stable versus variable flow categories for most of the comparisons. Differences ranged from a high of 312% for Arctic grayling (SFC habitat) to 13% for mountain whitefish (SFN habitat). There was an exception to this pattern. The mean catch rate of bull trout in SFN habitat was higher following a period of variable flow and this difference was significant. Water level stability did not affect catch rates in Zone 2. Mean values showed no consistent trend and no significant differences were recorded.

In summary, the findings provided limited evidence that catch rates of target species in the Peace River were affected by discharge. Water levels at the time of sampling and water stability during periods immediately preceding sampling may have influenced catch rate, but the effect was weak and was not consistent among target species and sampled areas. The absence of a strong relationship between water level and catch rate suggested that discharge did not strongly affect catchability during the 2002 sampling period.

Table 3.18 Comparison of mean catch rates following a 12 hour period of stable versus variable water levels during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Zone	Species	Habitat Category	Stable		Variable		P-value <sup>a</sup>
			n	Mean ( $\pm$ SE)	n	Mean ( $\pm$ SE)	
1	Arctic grayling	SFC	19	1.32 $\pm$ 0.43	14	0.32 $\pm$ 0.18	0.079
		SFN	14	0.65 $\pm$ 0.28	16	0.25 $\pm$ 0.14	0.229
	Bull trout	SFC	19	2.06 $\pm$ 0.64	14	1.58 $\pm$ 0.35	0.897
		SFN	14	0.41 $\pm$ 0.16	16	1.86 $\pm$ 0.49	0.014
	Mountain whitefish	SFC	30	42.0 $\pm$ 3.8	51	28.3 $\pm$ 2.1	0.005
		SFN	18	55.4 $\pm$ 6.4	45	48.9 $\pm$ 5.6	0.323
2	Arctic grayling	SFC	7	0.11 $\pm$ 0.11	23	0.71 $\pm$ 0.17	0.061
		SFN	10	0.00	12	0.11 $\pm$ 0.08	0.186
	Bull trout	SFC	7	1.63 $\pm$ 0.65	23	1.01 $\pm$ 0.17	0.488
		SFN	10	0.73 $\pm$ 0.27	12	0.65 $\pm$ 0.14	0.973
	Mountain whitefish	SFC	25	21.1 $\pm$ 2.5	56	22.9 $\pm$ 2.0	0.770
		SFN	22	19.3 $\pm$ 2.2	42	22.2 $\pm$ 2.0	0.376

<sup>a</sup> Based on Mann-Whitney U test for Arctic grayling and bull trout; Independent samples t-test using log-transformed data for mountain whitefish.

### Water Clarity

Findings of Phase 1 suggested that wide variations in water clarity could affect catchability, but adjusting the sampling protocol would reduce the problem (P&E 2002). This could be accomplished by avoiding river sections that exhibited a wide variation in clarity and by restricting sampling to avoid conditions when low visibility (i.e., < 50 cm) could potentially reduce catchability.

Water clarity in the Peace River during the sampling period was high (Table 3.19). Mean water clarity ranged from 218 cm in Section 1 to 173 cm in Section 4. Measurements did not fall below the lower threshold of 50 cm at any time during the field program and no more than 17% were below 100 cm in a particular sample section. The narrow range of values measured during the program precluded an evaluation of the effect of water clarity on catch rate. Given the high values recorded during Phase 2 compared to Phase 1, it is unlikely that there was an effect on catch rate.

Table 3.19 Water clarity (cm) during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Mean ( $\pm$ SE)	Sample	Range		
			Minimum		Maximum <sup>a</sup>
1	204 $\pm$ 2.9	96	145	-	220
2	218 $\pm$ 5.6	96	200	-	220
3	187 $\pm$ 5.5	96	85	-	220
4	173 $\pm$ 6.4	96	50	-	220

<sup>a</sup> Value of 220 cm used when clarity exceeded instrument capacity (215 cm).

### *3.2.2.3 Effort Required to Detect Change*

An objective of the Peace River Fish Community Indexing Program was to monitor change in fish abundance; therefore, it was important to establish whether catch rate estimates were sufficiently precise to detect certain magnitude of change. Phase 1 concluded that, for most species, (i.e., all except Arctic grayling and mountain whitefish) high variation associated with the estimate limited the effectiveness of catch rate as a monitoring tool (P&E 2002).

Phase 1 documented catch rate estimates and the variation associated with the estimates for several fish species. Assuming an upper limit to sampling effort ( $n = 25$ ), power analysis indicated that Arctic grayling and mountain whitefish would be suitable candidates if a 25% change in population abundance were used as a threshold. Other species such as bull trout required larger sample sizes in order to detect a 25% change; therefore, Phase 1 did not recommend those populations for monitoring (P&E 2002).

The power of a statistical test is based on the parameters of the sampled populations, the probability of making an error, and the size of the samples. Population parameters that affect statistical power include the magnitude of the difference between the samples being tested and the variation associated with each sample. Increasing the difference and/or decreasing the variation would improve the power of the test assuming all other variables were fixed. Also, if variation around the estimate increased, there would need to be a corresponding increase in the magnitude of the difference between the estimates in order to maintain the power of the test.

To ascertain whether the target species populations investigated during Phase 1 and Phase 2 were suitable candidates for monitoring, the relationship between sample variation (standard deviation) and a measure of the magnitude of difference needed between samples (coefficient of variation) was examined (Figure 3.8).

Standard deviations associated with catch rate estimates for the majority of target species remained stable between the two sample years. Yearly increases of 15% and 30% were recorded for bull trout in SFN habitat and mountain whitefish in SFC habitat, respectively. Also the size of the standard deviation did not differ substantially between the two habitat categories. These results indicated that the sampling protocols used during both Phase 1 and Phase 2 maintained the stability of the catch rate variation.

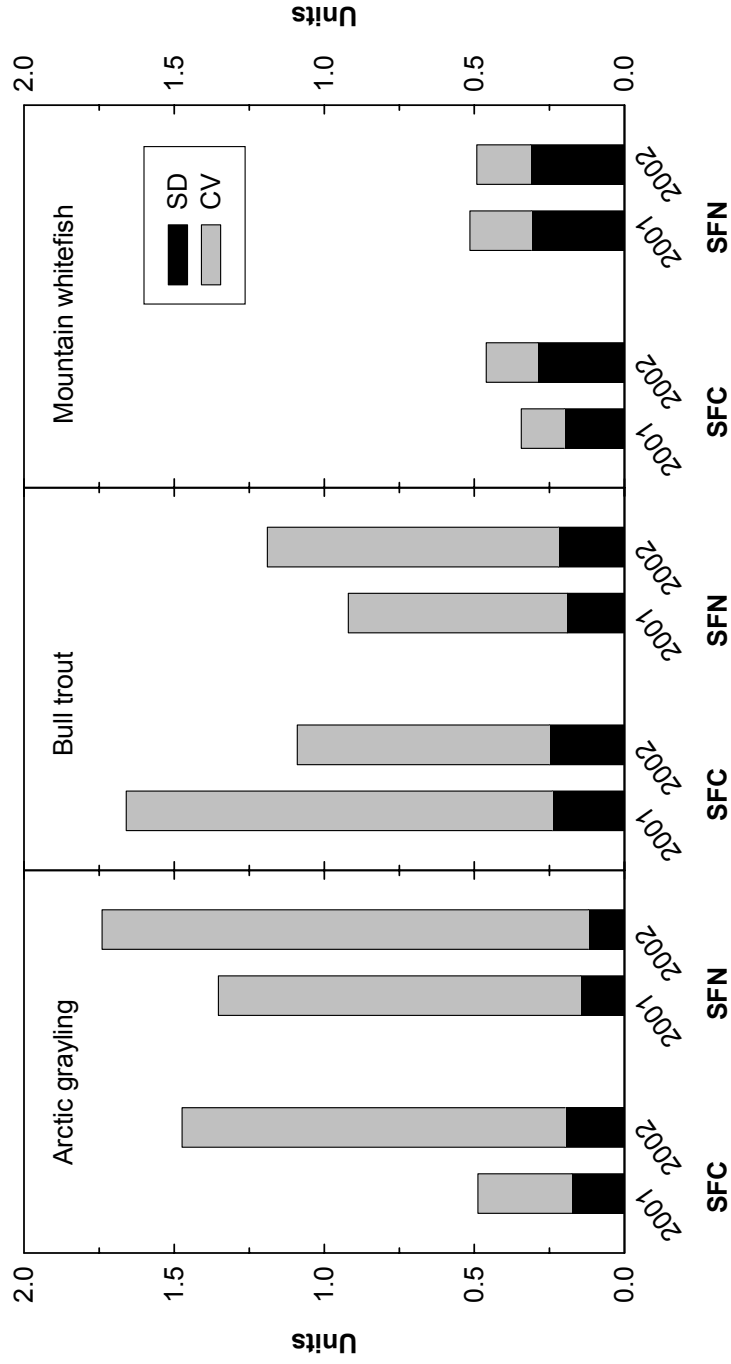


Figure 3.8 Relationship between standard deviation (SD) and coefficient of variation (CV) for mean catch rates of target fish species sampled in two habitat categories during Phase 1 (2001) and Phase 2 (2002) of the Peace River Fish Community Indexing Program, 2002 (Phase 1 data collected in August from the same study area as Phase 2; values generated from pooled estimates of catch rate).

The coefficient of variation did change between the two sample years for two of the target species. Values increased three-fold for Arctic grayling in the SFC habitat and 34% in the SFN habitat. Bull trout values decreased 41% in the SFC habitat, but increased 33% in the SFN habitat. The coefficient of variation for mountain whitefish remained similar between years. Because the standard deviations associated with the estimates remained stable, the differences were due to changes in fish abundance. Catch rates for Arctic grayling decreased in both habitat categories, while bull trout catch rates increased in the SFC habitat.

This has implications for the ability of the monitoring program to detect change. If fish abundance decreased and the variation around the estimate remained constant, the ability to detect a specified change, or the power of the test, would be reduced.

Assuming a Type I error of 0.1 and a Type II error of 0.2, power analysis of data collected during Phase 2 indicated that catch rates and the associated variation for Arctic grayling and bull trout would not be suitable to allow detection of a 25% change in fish abundance (Table 3.20). In contrast, mountain whitefish would require a sample size of four, which was well within the effort expended during Phase 2 ( $n \geq 45$ ). In fact, the Phase 2 sampling effort would be sufficient to detect a 10% change in mountain whitefish abundance. The results of the power analyses for bull trout and mountain whitefish were similar to those of Phase 1: mountain whitefish were suitable for monitoring and bull trout were not. However, the Phase 2 results indicated that Arctic grayling were no longer suitable for monitoring purposes if a 25% change in fish abundance was the threshold for detection.

Table 3.20 Sample sizes required to detect change in catch rates during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Species	Habitat	Mean ( $\pm$ SD)	Sample Size <sup>a</sup>		
			10% Difference	25% Difference	50% Difference
Arctic grayling	SFC	0.15 $\pm$ 0.20	>100	>100	77
	SFN	0.07 $\pm$ 0.12	>100	>100	>100
Bull trout	SFC	0.30 $\pm$ 0.25	>100	>100	36
	SFN	0.23 $\pm$ 0.22	>100	>100	43
Mountain whitefish	SFC	1.67 $\pm$ 0.29	37	4	2
	SFN	1.73 $\pm$ 0.31	42	4	2

<sup>a</sup> Based on power analysis of two independent samples using log-transformed data ( $\alpha = 0.1$ ,  $\beta = 0.2$ ); estimates for individual sections pooled for the analysis.

### 3.2.2.4 Comparison to Previous Studies

An objective of Phase 2 was to extend time series data of the abundance of nearshore fish populations in the Peace River. As such, attempts were made to compare results of the two programs. The Phase 2 program used similar sampling protocols as Phase 1, but the spatial distribution of sampling effort was altered. Phase 1 was designed to inventory representative river sections within the entire 151 km study area, while Phase 2 focused on repeated sampling of four limited sections located in the upper 75 km of the study area. As such, there were a limited number of sites sampled during both programs that were available for comparisons of relative abundance. In total, 12 sites were sampled: 10 in SFC habitat and 2 in SFN habitat. Only the SFC samples were used for the yearly comparison.

Catch rates for each of the target species populations in sampled sections differed between years (Table 3.21 and Figure 3.9). Arctic grayling mean catch rates decreased 83% from 2.22 fish/km in 2001 to 0.37 fish/km in 2002 and this change was significant ( $P = 0.001$ ). In contrast, bull trout catch rates increased 84% between 2001 and 2002. Mean catch rates changed from 0.66 fish/km to 1.22 fish/km. If the threshold for statistical change is set at  $P = 0.10$ , then the increase was also significant. Finally, mountain whitefish also exhibited a significant increase in mean catch rate (25%). Values were 23.04 fish/km in 2001 and 28.90 fish/km in 2002.

Table 3.21 Comparisons of mean catch rates of target fish species at sites sampled during Phase 1 and Phase 2 of the Peace River Fish Community Indexing Program, 2001 and 2002.

Species	Mean Catch Rate <sup>a</sup> (No. fish/km)			P-value <sup>b</sup>
	Phase 1	Phase 2	Percent Change	
Arctic grayling	2.22	0.37	-83	0.001
Bull trout	0.66	1.22	+84	0.055
Mountain whitefish	23.04	28.90	+25	0.093

<sup>a</sup> Based on log-transformed data collected from ten SFC sites sampled during both programs

<sup>b</sup> Based on t-test for paired comparisons.

The reasons for the large changes in fish abundance are not easily explained. Sampling protocols and sampling conditions were similar between years; therefore, sampling effectiveness and catchability should have been similar. If this assumption was true, the results illustrated two points. First, the Peace River fish populations exhibit large yearly differences in abundance, which equaled or exceeded the 25% threshold criterion for monitoring fish abundance. This has implications for the monitoring program regarding the threshold that should be used to detect change. Second, a sample size of ten was sufficient to document yearly differences in fish abundance for each of the three target fish species.



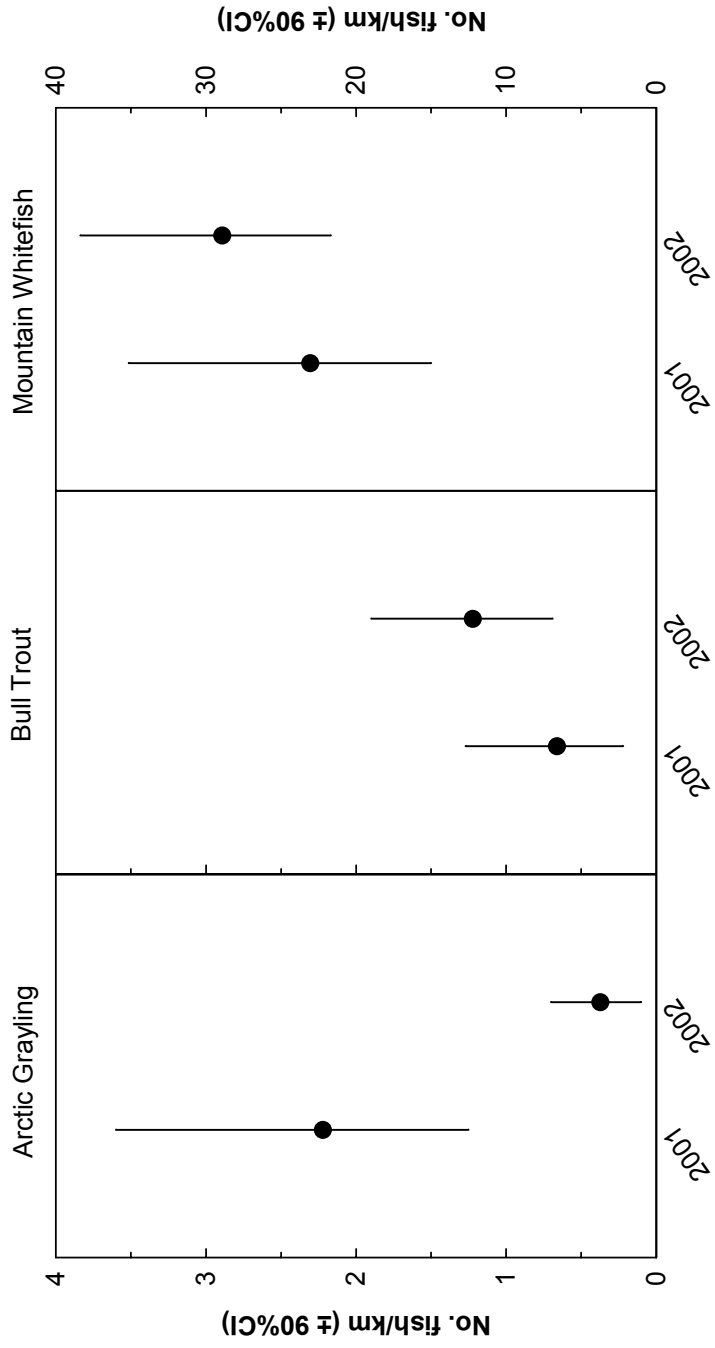


Figure 3.9 Comparison of mean catch rates of target species at sites sampled during Phase 1 (2001) and Phase 2 (2002) of the Peace River Fish Community Indexing Program.

### 3.2.3 Population Estimate

#### 3.2.3.1 Mountain whitefish

Histograms of the mountain whitefish lengths at release and recapture are plotted in Figures 3.10 and 3.11 respectively. Inspection of the figures reveals that smaller fish (250 - 275 mm) were not recaptured with the same frequency. A comparison of the lengths (accumulated into 25 mm intervals) by section is tabulated in Table 3.22. Note that significant differences ( $P < 0.05$ ) were observed in Sections 1, 2 and 3; however, Section 4 had no significant difference in the length counts. Time at large of recaptured mountain whitefish regressed on the growth increment (length at release minus length at recapture) is plotted in Figure 3.12. There was no significant growth ( $P = 0.40$  for zero slope).

The movement of recaptured mountain whitefish between sections is listed in Table 3.23 along with the estimates of the migration proportions adjusted for the number of fish examined (Equation 1). The percent of recaptured marks in each section are not constant. They range from 7.21% to 12.73% in order of the section number (Table 3.23) and are significantly different ( $P < 0.05$ , weighted likelihood ratio test, [Fleiss 1981]). Since there is little movement between river sections (i.e., little mixing) and the probability of recapturing a mark is different between sections, the estimates must be stratified by section.

The data summary for the Jolly-Seber open population model (Seber 1982) and the associated estimates of abundance, survival (from any source of mortality or movement from the section) and births (immigration into the section) by river section are provided in Table 3.24. The total row for each section provides the mean estimated abundance over the sampled sessions, total survival is under the constant survival option and total births is the simple sum of estimated births by session. In all cases, the 95% confidence interval for survival included 1.0 and the 95% interval for births included 0.

The mark-recapture data were extracted by section from the database using a minimum time-at-large of two days and a minimum length of 250 mm. Appendix E Table E1 lists mountain whitefish examined for marks and recaptures by date and section. The releases, adjusted for movement between sections (Equation 1) by section and date are given in Appendix E Table E2. The compilations of marks available (Equation 3), fish examined (Equation 4), and recaptures (Equation 5) assuming zero removal and 0% undetected mark rate are listed in Appendix E Table E3. The subsequent population estimates using the Bayesian closed model are given in Table 3.25. The posterior probability plots by section are provided in Appendix E (Figures E1 to E4) and the final posterior distributions for the four sections are drawn in Figure 3.13.

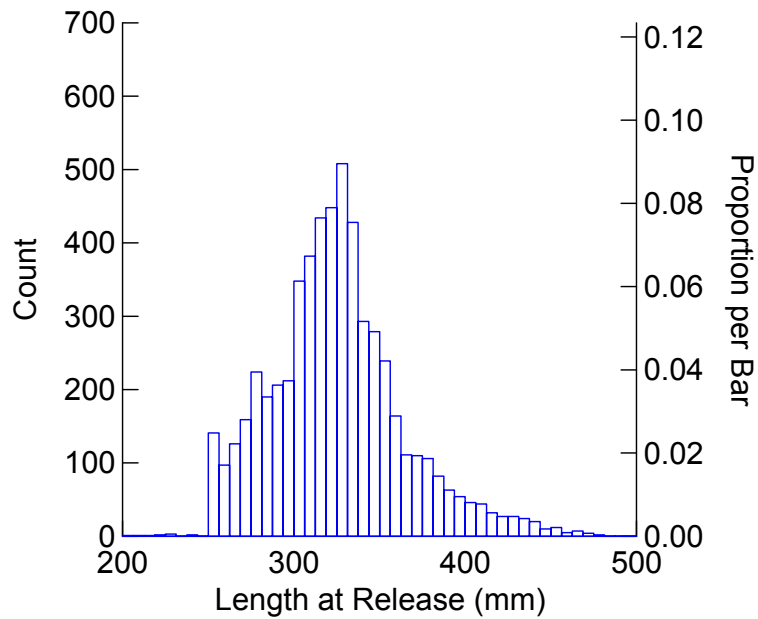


Figure 3.10 Histogram of mountain whitefish lengths at release during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

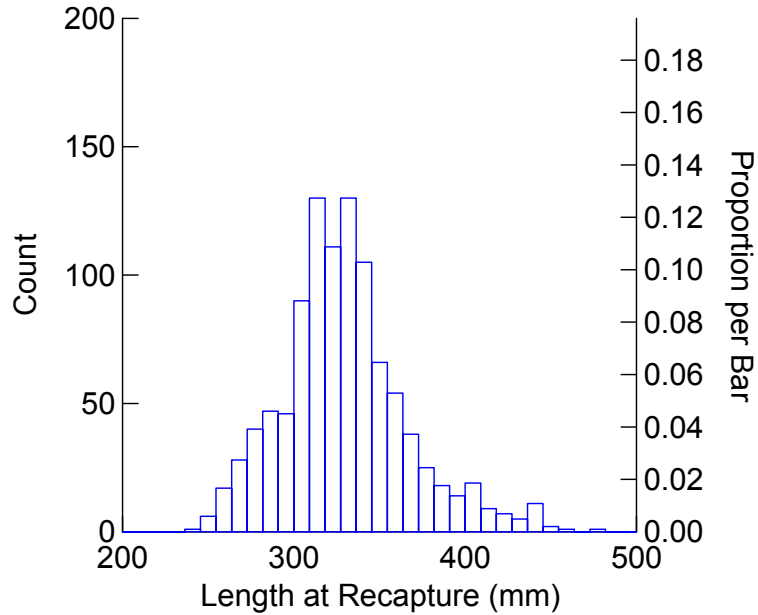


Figure 3.11 Histogram of mountain whitefish lengths at recapture during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

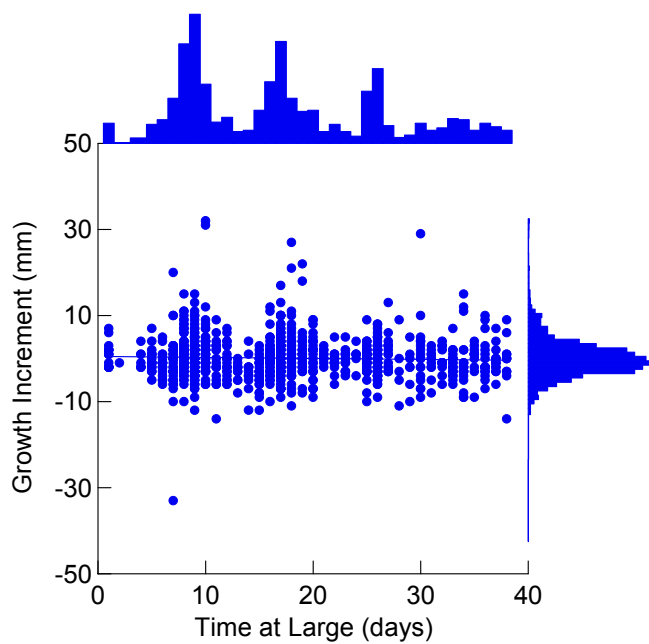


Figure 3.12 Growth over the study period of mountain whitefish with border histograms of time at large and growth increment during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Table 3.22 Comparison of mountain whitefish lengths at release and recapture by section during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Length Interval (mm)	Section							
	One		Two		Three		Four	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<b>Recaptures</b>								
250-275	6	2.7	10	4.5	8	2.9	35	12.8
275-300	26	11.8	23	10.3	29	10.5	45	16.5
300-325	102	46.2	102	45.5	55	19.9	29	10.6
325-350	79	35.7	70	31.3	106	38.3	57	20.9
350-375	8	3.6	12	5.4	39	14.1	68	24.9
375-400			4	1.8	27	9.7	22	8.1
400-425			3	1.3	13	4.7	17	6.2
<b>Total</b>	<b>221</b>	<b>100.0</b>	<b>224</b>	<b>100.0</b>	<b>277</b>	<b>100.0</b>	<b>273</b>	<b>100.0</b>
<b>Releases</b>								
250-275	150	9.5	117	7.9	116	9.4	137	11.4
275-300	203	12.9	237	16.0	182	14.7	208	17.3
300-325	643	40.9	554	37.4	236	19.1	169	14.0
325-350	499	31.8	380	25.7	363	29.3	257	21.3
350-375	76	4.8	114	7.7	193	15.6	239	19.8
375-400			51	3.4	105	8.5	123	10.2
400-425			27	1.8	42	3.4	72	6.0
<b>Total</b>	<b>1571</b>	<b>100.0</b>	<b>1480</b>	<b>100.0</b>	<b>1237</b>	<b>100.0</b>	<b>1205</b>	<b>100.0</b>
Like Ratio Chi-Square		16.8		17.4		25.2		6.3
Probability		0.002		0.008		0.000		0.392

Table 3.23 Mountain whitefish recaptures and migration proportions adjusted (inverse weight) for fish examined by section during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Release Section	Recapture Section				
	One	Two	Three	Four	Total
Recaptures					
One	204	1	2	1	208
Two	1	214	1	1	217
Three	0	1	259	9	269
Four	0	0	3	257	260
Sample	2845	2611	2363	2105	9924
Percent Recaptured	7.21	8.27	11.21	12.73	
Proportions					
One	0.977	0.005	0.012	0.006	1.000
Two	0.004	0.985	0.005	0.006	1.000
Three	0.000	0.003	0.959	0.037	1.000
Four	0.000	0.000	0.010	0.990	1.000

Table 3.24 Jolly-Seber population estimates by river section for mountain whitefish during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Session	Marks	Sample	Recapture of Fish Marked at Session				Total	Abundance	Survival	Births
			1	2	3	4				
<b>Section One</b>										
1	445	547						1.000		
2	344	424	17				17	11 864	1.000	428
3	497	583	17	12			29	16 403	0.970	-885
4	325	395	9	11	18		38	8940		
5		896	34	22	30	34	120			
<b>Total</b>			<b>77</b>	<b>45</b>	<b>48</b>	<b>34</b>		<b>12 402</b>	<b>1.000</b>	<b>-457</b>
<b>Section Two</b>										
1	435	496						0.957		
2	291	339	20				20	7285	1.000	626
3	435	527	17	16			33	13 090	0.929	-442
4	345	410	15	13	12		40	11 628		
5		839	37	20	35	29	121			
<b>Total</b>			<b>89</b>	<b>49</b>	<b>47</b>	<b>29</b>		<b>10 668</b>	<b>0.991</b>	<b>184</b>
<b>Section Three</b>										
1	300	330						1.000		
2	305	368	31				31	7230	0.882	1343
3	353	404	16	16			32	7017	0.926	-449
4	303	377	20	11	20		51	7004		
5		884	28	33	42	41	144			
<b>Total</b>			<b>95</b>	<b>60</b>	<b>62</b>	<b>41</b>		<b>7084</b>	<b>0.986</b>	<b>894</b>
<b>Section Four</b>										
1	326	350						1.000		
2	336	386	24				24	6456	0.942	-1355
3	306	376	37	17			54	5180	1.000	1420
4	290	370	19	21	18		58	6515		
5		623	26	35	32	28	121			
<b>Total</b>			<b>106</b>	<b>73</b>	<b>50</b>	<b>28</b>		<b>6050</b>	<b>0.997</b>	<b>65</b>

Table 3.25 Population estimates by section for mountain whitefish during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
One	12 534	12 420	10 930	14 200	835	6.7
Two	10 587	10 500	9280	11 950	682	6.4
Three	7066	7020	6290	7880	403	5.7
Four	6045	6000	5390	6720	336	5.6
<b>Total</b>	<b>36 232</b>		<b>33 883</b>	<b>38 581</b>	<b>1199</b>	<b>3.3</b>

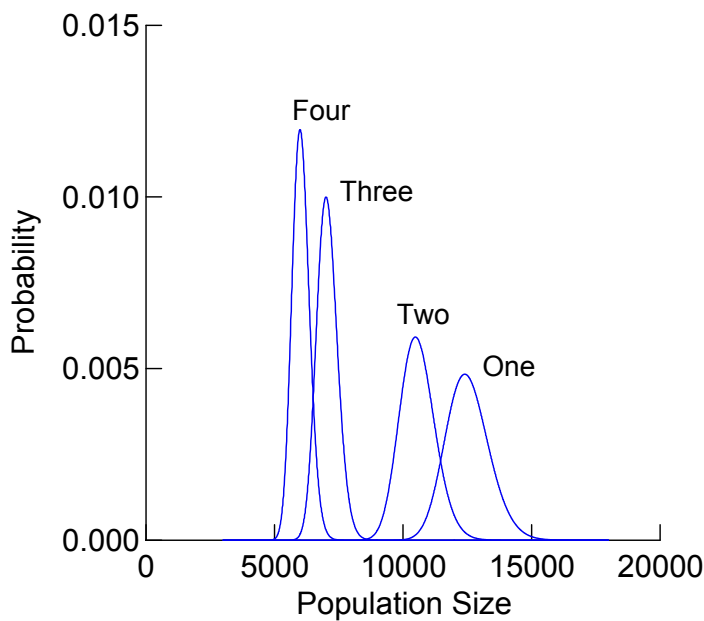


Figure 3.13. Final posterior distributions by section for mountain whitefish during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

The catchability coefficients and associated 95% confidence intervals (Equations 7 to 9) by section are listed in Table 3.26 and plotted in Figure 3.14.

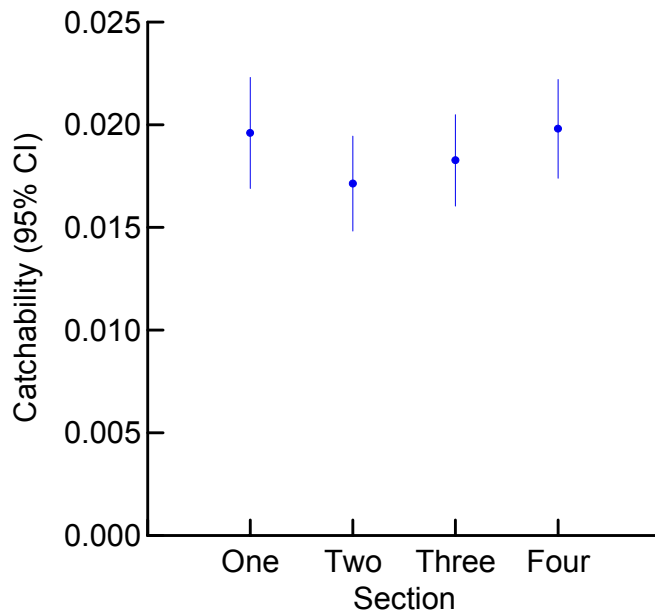


Figure 3.14 Catchability and 95% confidence interval by section for mountain whitefish during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Table 3.26 Catchability of mountain whitefish by section during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Statistic	Section			
	One	Two	Three	Four
Sample	2845	2611	2363	2105
Effort (E)	11.58	14.39	18.31	17.59
Abundance (N)	12 534	10 587	7066	6045
SD(1/N)	5.614E-06	6.493E-06	8.794E-06	1.024E-05
Catchability (q)	1.960E-02	1.714E-02	1.827E-02	1.980E-02
SD(q)	1.379E-03	1.178E-03	1.135E-03	1.225E-03
CV(q)	7.0%	6.9%	6.2%	6.2%

### 3.2.3.2 Arctic grayling

The mark-recapture data were extracted by section from the database using a minimum time-at-large of two days and a minimum length of 250 mm. Appendix E Table E4 lists Arctic grayling examined for marks and recaptures by date and section. All three recaptures were released and recaptured in Section 4. Given the sparse recoveries, length histograms and a growth regression were not conducted. The releases by section and date are given in Appendix E Table E5. The compilations of marks available (Equation 3),

fish examined (Equation 4), and recaptures (Equation 5) assuming 0.0 removal and 0% undetected mark rate are listed in Appendix E Table E6. Since mark recoveries were only taken in Section 4, population estimates were not generated for other sections. We also generated a population estimate using all data (termed “total”), which may be more comparable to estimates generated in other years (P&E 2002, Pattenden *et al.* 1990 and 1991) despite the apparent lack of mixing. The subsequent population estimates using the Bayesian closed model are given in Table 3.27, the associated final posterior probability plots are provided in Appendix E (Figures E5 and E6), and the final posterior distributions are drawn in Figure 3.15.

Table 3.27 Population estimates by section for Arctic grayling during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
Four	251	95	25	715	352	140.4
<b>Total</b>	<b>1283</b>	<b>515</b>	<b>165</b>	<b>3695</b>	<b>1153</b>	<b>89.9</b>

Figure 3.16 presents the minimum population estimates and their associated precision for Arctic grayling. For example, from Figure 3.16 it can be determined with 95% probability that the population size is at least 55 in Section 4 and 325 in total.

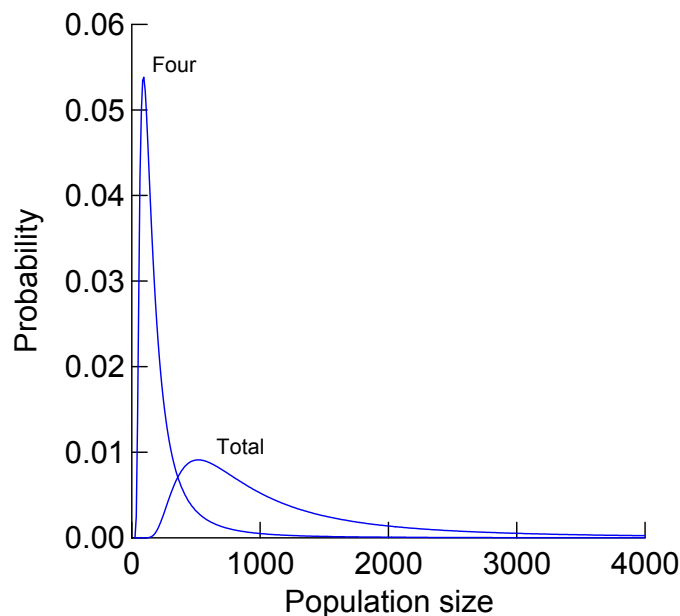


Figure 3.15 Final posterior distributions by section for Arctic grayling during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



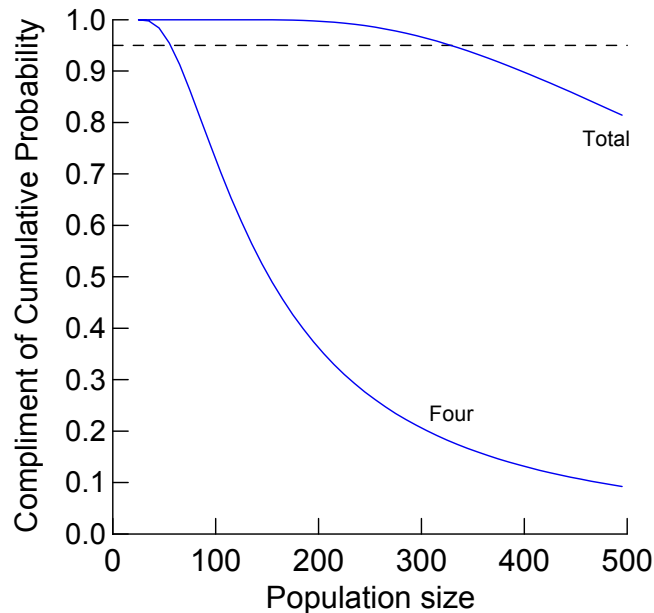


Figure 3.16 Minimum population estimates (complement of cumulative probability) for Arctic grayling during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

### 3.2.3.3 Bull trout

A histogram of the bull trout lengths at release is plotted in Figure 3.17. There were not sufficient recoveries to generate a meaningful histogram of their lengths. Time at large of recaptured bull trout regressed on the growth increment (length at release minus length at recapture) is plotted in Figure 3.18. There was no significant growth ( $P = 0.47$  for zero slope).

The mark-recapture data were extracted by section from the database using a minimum time-at-large of two days and a minimum length of 250 mm. Appendix E Table E7 lists bull trout examined for marks and recaptures by date and section. All 12 recaptures were taken in the same section as they were released. The releases by section and date are given in Appendix E Table E8. The compilations of marks available (Equation 3), fish examined (Equation 4), and recaptures (Equation 5) assuming 0.0 removal and 0% undetected mark rate are listed in Appendix E Table E9. Since mark recoveries were not taken in Section 1, population estimates were not generated for that section. The subsequent population estimates using the Bayesian closed model are given in Table 3.28. The posterior probability plots by section are provided in Appendix E (Figures E7 to E9) and the final posterior distributions for the four sections are drawn in Figure 3.19.

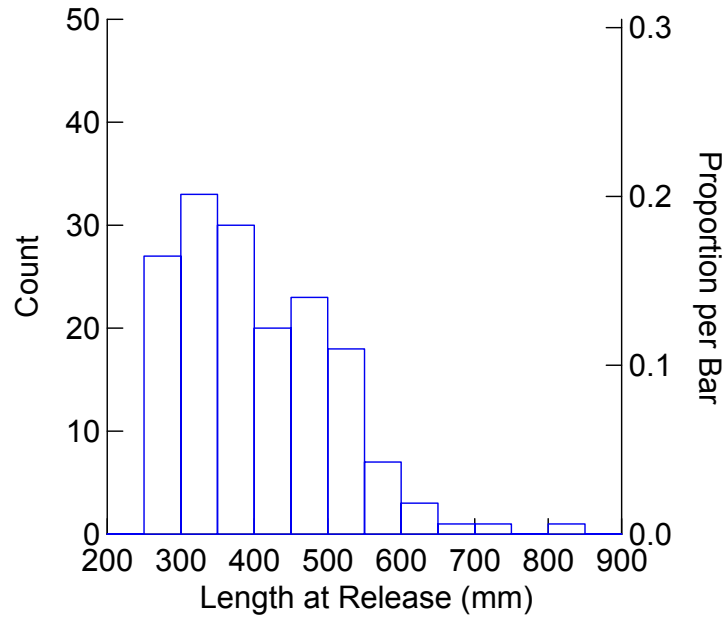


Figure 3.17 Histogram of bull trout lengths at release during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

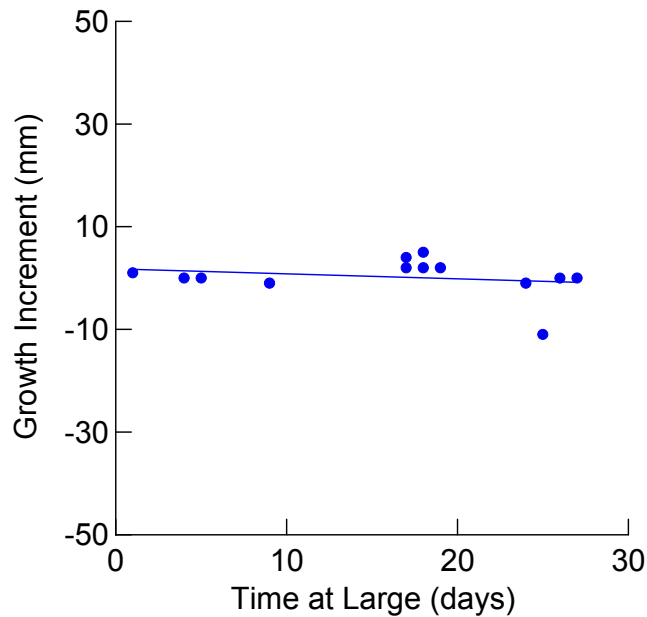


Figure 3.18 Growth over the study period of bull trout during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Table 3.28 Population estimates by section for bull trout during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
Two	1229	314	86	4015	1197	97.4
Three	696	372	145	1695	502	72.1
Four	124	87	45	246	62	49.9
<b>Total</b>	<b>2049</b>		<b>276</b>	<b>4596</b>	<b>1299</b>	<b>63.4</b>

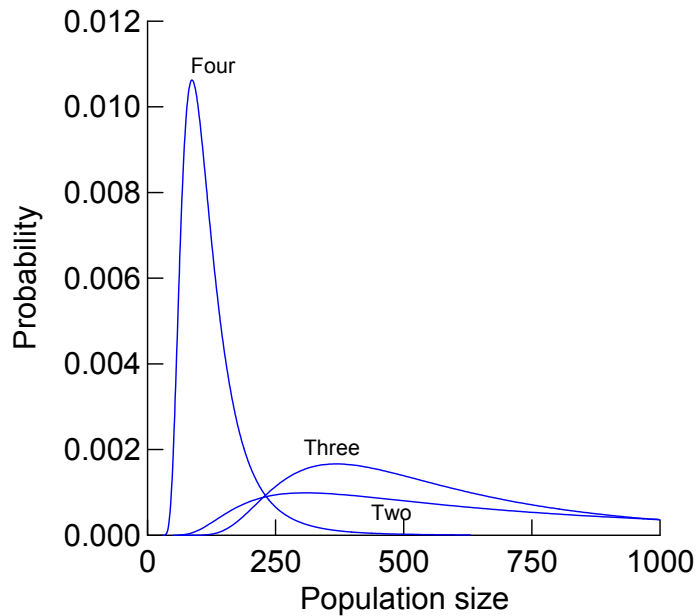


Figure 3.19 Final posterior distributions by section for bull trout during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

3.2.3.4 Summary

Adjustments to the Bayesian population estimation methodology were made through the mark-recapture information to account for the movement of fish (only mountain whitefish moved between sections) within the study area and the potential to account for removals (natural mortality, unobserved removals and emigration from the study area) or for undetected marks (lost or missed). Also, the methodology allowed for a daily resolution of the mark-recapture information; thus, daily increments to the number of marked fish in the population and daily sampling for recaptures were accommodated.

The sensitivity of mountain whitefish for undetected mortality and marks is explored in Table 3.29. Because the study was conducted over a short period of time the impact of an instantaneous annual mortality of 0.2 on population estimates is slight (1%, approximately). The potential impact from undetected marks is more severe (5% approximately; change in the estimate from a 5% rate of not detecting marks); however, as discussed below, the observed level of a scaring (from the loss of a mark) implies that a 5% non-detection rate is arguably extreme.

The population estimates do not include small (< 250 mm) fish. The precision for mountain whitefish population estimates is very high (CV = 3.3%). However, the disappearance of some small (250-275 mm) mountain whitefish in Sections 1, 2, and 3 in the recapture length profile may introduce a small, unevaluated bias into the population estimates. Population estimates for bull trout are available, but the precision is poor (CV = 63%). Because of very sparse recoveries of Arctic grayling, population estimates should not be quoted. Statements of minimum population size in Section 4 (e.g., 0.95 probability that there is at least 55 Arctic grayling) should be valid. Extending the minimum size estimate over the total study area is dependent on the assumption that the marks mix with the population, which was not evident from only 3 recaptures.

Table 3.29 Sensitivity of mountain whitefish estimates to mortality and undetected marks during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Section	Mortality = 0.0		Mortality = 0.2	
	Undetected Marks			
	0%	5%	0%	5%
One	12 534	11 931	12 414	11 816
Two	10 587	10 079	10 490	9987
Three	7066	6729	7004	6670
Four	6045	5757	5994	5708
<b>Total</b>	<b>36 232</b>	<b>34 496</b>	<b>35 902</b>	<b>34 181</b>

### 3.2.3.5 Evaluation as a Monitoring Tool

A key objective of this study was to establish an index to use as a monitoring tool. Ideally, the index (catch rate) should remain proportional to abundance across locations (river sections) and under various abundance levels. For mountain whitefish, this proportionality constant (the catchability coefficient) was demonstrated to be constant in the four sampled river sections (Table 3.26 and Figure 3.14) even though there was a two-fold difference in the population size and there was a substantial ability (high power) to differentiate small changes in catchability (a CV of less than 7%).

### Sample Design and Assumptions

The factors that affect the population estimates can be evaluated through an assessment of assumptions required for the closed sequential stratified population model.

1. *The population is closed, so the population size does not change over the period of the experiment.* Very few mountain whitefish were recaptured in river sections other than the section of release (1%, approximately). Therefore the number of fish leaving the study area (the four sections sampled) over the study period must have been very small. Fish can move within the study area (to different sections); however, the movement is fully determined by the history of recaptured marks. While few Arctic grayling and bull trout were recaptured, none were observed to move to different river sections. Because mountain whitefish and Arctic grayling reside in the study area, fish are not expected to immigrate or emigrate to or from the area. Mortality and growth recruitment were not issues because the study period was short. Other empirical evidence of closure includes the selection of the closed model for mountain whitefish by POPAN-5 (UFIT module) and the stability of the sequence of daily posterior distributions displayed in Appendix E.
2. *All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught.* The study area was stratified into four river sections to account for any differences in catchability, lack of mixing, marks applied, or population size.
3. *Fish do not lose their marks over the period of the study.* Each captured fish was examined for the presence of a scar. Only three mountain whitefish were observed to have scars consistent with tagging in 2002 (0.3% of recaptured mountain whitefish).
4. *All marked fish are reported on recovery.* Only fish brought on board were included in the number of fish examined for a mark; thus, it is unlikely that a tagged fish would escape detection.

### Effort Needed to Detect Change

Figures 3.20 and 3.21 plot the precision as a function of boat electrofishing effort (hours) using Equations 10, 11, and 12 for mountain whitefish and Arctic grayling, respectively. For reference, the 2002 level of effort expended is also plotted. Note that the mountain whitefish power curve (Figure 3.20) for this study (2002) was substantially more efficient than the 1989 study. We attribute the increased efficiency to the structured stratified sequential sampling design employed by this study.

For Arctic grayling there was insufficient data to generate a power curve for 2002; however, the observed precision indicates that a similar gain in efficiency was not obtained (Figure 3.21). The level of precision obtained by this study was consistent with the levels predicted from the 1989 and 1990 studies.

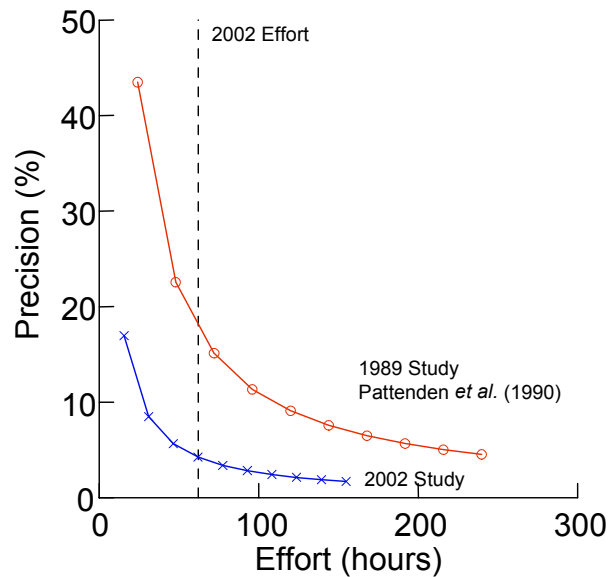


Figure 3.20 Precision (percentage of the mean) of the population estimate at various efforts for mountain whitefish during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

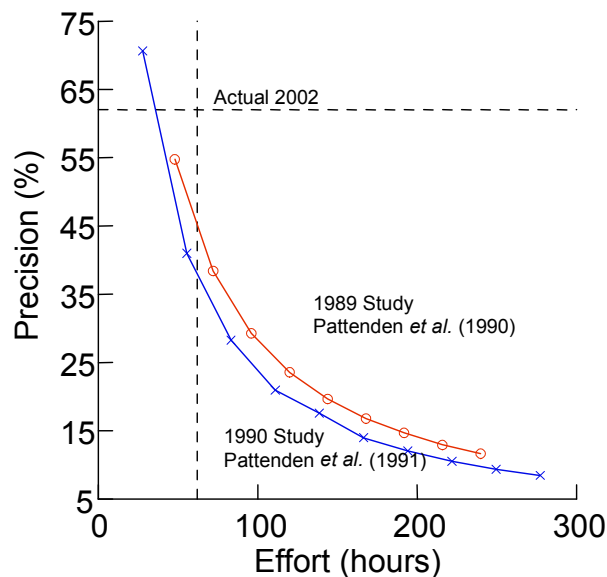


Figure 3.21 Precision (percentage of the mean) of the population estimate at various efforts for Arctic grayling during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

### 3.2.3.6 Comparison to Previous Studies

Table 3.30 provides the historical estimates of population size by species. The effort column refers to the total number of hours of boat electrofishing expended in the study. Precision is defined here as half the 95% HPD expressed as a percentage of the Bayesian mean. Note the very large precision values (e.g., greater than 100%) imply that any point estimates are highly unreliable. Also, direct comparison of population estimates between years is difficult because different sections were sampled.

Table 3.30 Historical population estimates during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Year	Effort (h)	Arctic Grayling	Mountain Whitefish	Lake Whitefish	Rainbow Trout	Walleye	Bull Trout
<b>1989<sup>a</sup></b>	95.9						
Recoveries		18	126	3	19	6	
Mean		4359	117 593	33 814	1418	2591	
Precision (%)		47.1	17.4	136.6	41.3	86.1	
<b>1990<sup>b</sup></b>	110.9						
Recoveries		37		7	19	7	
Mean		4160		82 012	5995	2881	
Precision (%)		32.9		65.5	39	64.7	
<b>2001<sup>c</sup></b>	26.2						
Recoveries		2	3				
Mean		7700	560 000				
Precision (%)		175.0	140.0				
<b>2002<sup>d</sup></b>	61.9						
Recoveries		3	954				12
Mean		1283	36 232				2049
Precision (%)		137.6	6.5				105.4

<sup>a</sup> Pattenden *et al.* (1990); <sup>b</sup> Pattenden *et al.* (1991); <sup>c</sup> Phase 1; <sup>d</sup> Phase 2.

### 3.3 RELATIVE ABUNDANCE AS INDEX OF POPULATION SIZE

An objective of the study was to establish whether relative abundance could be used as a monitoring tool. The basic premise of this index sampling approach is that the relative abundance estimate is directly proportional to absolute abundance (Sawada *et al.* 2002). A fundamental assumption that influences the reliability of relative abundance index is that catchability does not vary temporally or spatially. For mountain whitefish, catchability was constant among the four sampled sections (Table 3.26 and Figure 3.14), even though there was a two-fold difference in the population size and there was a substantial ability to differentiate small changes in catchability. The estimates were derived for each sample section, which contained multiple habitat types.

Catch rate sampling was stratified between two of the major habitats (SFC and SFN) as a way to improve precision, but it is not known whether catchability was constant among habitats. The data collected during Phase 2 does not permit a detailed evaluation of this question. However, plotting estimates of relative abundance (for each habitat type) against estimates of absolute abundance (for each section) could be used as an indication of catchability (Figure 3.22).

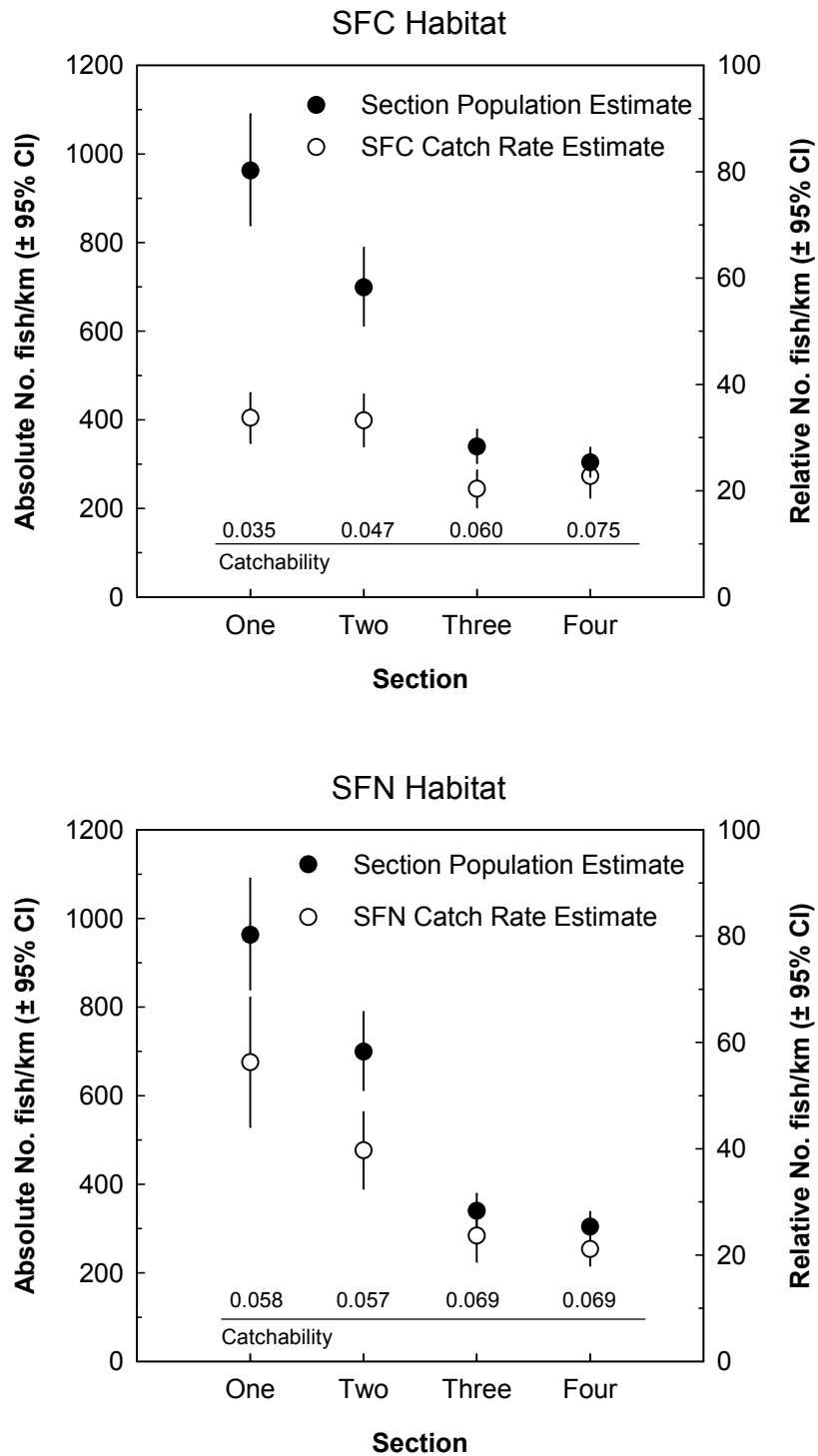


Figure 3.22 Relationship between adjusted population estimates (No. fish/km) and catch rates of mountain whitefish in two habitat categories during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



The information suggests that catchability was not stable in the SFC habitat. It progressively increased from Section 1 to Section 4 from 0.035 to 0.075. Catchability was much more stable in the SFN habitat. Values in Sections 1 and 2 approximated 0.058, while catchability was 0.069 in Sections 3 and 4.

It is acknowledged that this evaluation is preliminary, but it appears that the catch rates in the SFN habitat provide a good index of absolute abundance. Further work is required to ascertain whether factors such as sampler bias (see Section 3.2.2.1), the unit of effort used (time versus distance), and hyperstability (i.e., catch rates remain stable despite changes in absolute abundance) adversely affect catchability within habitat types.

### **3.4 DATA MANAGEMENT SYSTEM**

The deliverables for the data management study component are presented in a separate report submitted as part of the study contract.



## **4.0 SUMMARY**

### **4.1 BIOLOGICAL CHARACTERISTICS**

In 2001, results for one target species, mountain whitefish, indicated that there were spatial differences in some biological characteristics of the population (P&E 2002). The Phase 2 data were evaluated to ascertain whether this was true for all three target species. Length and age-distribution, body condition, and growth rate were examined from samples collected from two zones in the study area: upstream and downstream of the Halfway River confluence.

#### **4.1.1 Arctic grayling**

A comparison of length and age distributions of Arctic grayling suggested that there were spatial differences in population structure. Smaller, younger fish (Age 1) accounted for a greater percentage of the sample in Zone 2 compared to Zone 1. Age 2 fish were not abundant in either zone, which suggested variable year-class strength. Although there were differences in the population structure, length-at-age and body condition were similar. No Age 0 fish were present in the sampled populations.

#### **4.1.2 Bull trout**

Length and age distributions of sampled bull trout also suggested that there were spatial differences in the population structure. Smaller fish  $\leq$  Age 3 were more prominent in Zone 1. Conversely, larger older fish ( $\geq$  Age 6) were more prevalent in Zone 2. No Age 0 or Age 1 fish were recorded in either sample. A visual assessment of length-at-age data indicated that there were spatial differences in bull trout growth rate. Fish less than 3 years of age in Zone 2 appeared to be smaller than their counterparts in Zone 1 and the relationship was reversed at Age 5. The differences were not significant, which likely reflected the wide range of fish lengths associated with each age class. Similarly, body condition appeared to differ, but again the differences were not statistically significant.

#### **4.1.3 Mountain whitefish**

There were spatial differences in the mountain whitefish population structure. The sampled population in Zone 1 exhibited a condensed bi-modal size distribution, while mountain whitefish in Zone 2 exhibited a much broader multi-modal size distribution. The differences were explained by the scarcity of fish age-classes 1, 7, 8, and 9 and the preponderance of fish Aged 3, 5 and 6 in Zone 1.

Length-at-age data also indicated spatial differences in growth rate. Fish less than 2 years of age in Zone 2 were smaller than their counterparts in Zone 1, but the relationship was reversed by Age 3. Mean length-at-age data supported this observation and the majority of the differences were significant. The body condition of mountain whitefish sampled from each zone also differed. Mean condition factors of immature and mature fish were significantly higher in Zone 1 compared to Zone 2.

#### **4.1.4 Biological Characteristics Summary**

There were spatial differences in the population structures of all three target species. Also, there was evidence that growth rate and body condition of bull trout (possibly) and mountain whitefish (definitely) differed. Based on these findings, future monitoring should incorporate spatial stratification in the study design. The large variation in length-at-age data for bull trout will necessitate collection of larger sample sizes in order to detect statistical differences in biological characteristics.

## **4.2 RELATIVE ABUNDANCE**

Relative abundance, or catch rate, is a potential monitoring tool for the Peace River Fish Community Indexing Program. Phase 1 results indicated that boat electrofishing catch rates likely were suitable to document changes in the abundance of large-fish species residing in nearshore habitats. In order to increase the reliability of the data (stabilize catchability and improve sample precision), Phase 1 made several recommendations. Phase 2 evaluations were used to confirm the efficacy of those recommendations and to examine additional factors thought to influence the reliability of the catch data.

### **4.2.1 Sampling Protocols**

#### Influence of Crew Experience

Two crews with different levels of experience were used to sample fish during the program. The number of captured fish per unit effort was examined to ascertain whether crew experience influenced catch rate. Crew experience affected catch rate, but the results were opposite to what was expected. The mean catch rate for the more experienced Crew 1 in the SFC habitat was less than the mean catch rate for the less experienced Crew 2. The differences were large for Arctic grayling and bull trout, but were much smaller for mountain whitefish. In the SFN habitat, there was no consistent pattern. Because experienced netters were employed on Crew 1, the difference in catch rate was most likely related to boat operation rather than netter effectiveness.

Sampled sites in each section were a specific length; therefore, differences in boat operation would be manifested by differences in sampling time or seconds. Crew 1 expended significantly less sampling time than Crew 2 in the SFC and SFN habitats, which could explain the lower catch rates by Crew 1. The difference was most likely related to how the boat electrofisher was maneuvered. Arctic grayling and bull trout, which were closely associated with physical cover next to shore, likely were not sampled effectively by Crew 1. Because mountain whitefish did not have an affinity for physical cover, the disparity in catch rates between crews was much less.

#### Use of Observed Fish

The ability of experienced and inexperienced samplers to identify difficult target fish species (Arctic grayling and bull trout) was examined by comparing the correlation between the number of fish captured and the number observed. Inexperienced samplers showed a very weak correlation, while experienced observers showed a significant positive correlation. The results demonstrated that sampler experience affected the ability to enumerate difficult species.

Sampler experience did not improve counts of numerous species such as mountain whitefish. First, sampler experience did not improve the reliability of the count. Counts by experienced and inexperienced observers had the same variation. Second, sampler experience did not affect the ability to maintain the precision of the count. For both groups, the precision decreased as the number of fish counted increased. Third, both experienced and inexperienced samplers tended to underestimate the number of mountain whitefish counted. The results strongly suggested that experience did not improve the sampler's ability to count a numerous species such as mountain whitefish, it did not increase the precision of the count, and most importantly, it did not eliminate sampler bias.

Use of observed fish to calculate catch rate affected the precision of the estimate, but precision (measured as coefficient of variation) depended on the target species. For Arctic grayling and bull trout, inclusion of observed fish increased precision where as use of observed mountain whitefish decreased precision.

Based on the results, use of observed fish in estimation of catch rate will depend on the target species of interest. For the Peace River Fish Community Indexing Program, observed Arctic grayling and bull trout, which are not abundant in the study area, should be included in the catch enumeration. Use of observed fish is not recommended for mountain whitefish, which is a very abundant species. Including observed fish of this species would decrease sample precision and bias the catch rate estimate downward.

### Stratification by Section and Habitat

In general, mean catch rates for Arctic grayling and bull trout were low in all sampled sections (< 2 fish/km). In contrast, catch rates for mountain whitefish were much higher (> 20 fish/km).

Mean catch rates of the three target species exhibited spatial differences between habitats. Arctic grayling catch rates were higher in SFC habitats compared to SFN habitats in all four sampled sections. Bull trout catch rates also were higher in SFC habitats in three of four sections. Catch rates of mountain whitefish were higher in SFN habitats compared to SFC habitats in three sections.

Mean catch rates also differed between sampled sections for some target species. There was no spatial trend associated with Arctic grayling catch rates, but bull trout mean catch rates tended to decrease from Sections 1 to 4. Mountain whitefish exhibited distinct spatial differences in abundance relative to the Halfway River confluence. Mean catch rates were approximately 40% higher in Sections 1 and 2 compared to Sections 3 and 4.

Based on the findings, future monitoring should continue to stratify relative abundance sampling by habitat and river section.

### Effect of Repeated Sampling on Catch Rate

Sampling during the field program was repeated six times in each section. This level of sampling intensity may have sensitized the target fish species to boat electrofishing, which could result in altered catchability. For each of the three target species the majority of correlations between catch rate and session for each sample section were negative, which suggested that there was an effect. As such, this issue should be considered during future monitoring programs.

## **4.2.2 Confounding Factors**

### Discharge

To ascertain whether discharge affected catch rate, four water level recorder stations were established in the Peace River study area. The water level data provided an index of discharge and allowed calculation of water travel times between sample sites.

One basic flow pattern was recorded during the entire field program. It was depicted by rapid changes in water level followed by short periods of high or low stable flow. The data also showed that the sharp

pattern of fluctuation progressively attenuated as the distance from the PCN Dam increased. During peak discharge, average travel time between the upstream and downstream boundaries of the study area was 6.0 h and during base discharge it increased to 7.6 h.

Several water level parameters were examined to ascertain whether discharge affected catch rate. These included changes in water level, the rate or magnitude change, high versus low water level, and water level variability prior to sampling.

There was no relationship between a change in water level or the rate of change and catch rate for each of the target species. Catch rates for each of the target species were higher during periods of low stable water levels compared to periods of high stable water levels, but the results were not significant. Finally, water level stability may have affected catch rate, but the influence was weak.

The evaluation provided only limited evidence that catch rates of target species were influenced by flow patterns of the Peace River during the 2002 study period.

#### Water Clarity

Water clarity in the Peace River during the sampling period was high (> 170 cm). Given the high values recorded during Phase 2 there likely was no influence of water clarity on catch rate.

#### **4.2.3 Effort Required to Detect Change**

To ascertain whether the target species populations were suitable candidates for monitoring, the relationship between sample variation (standard deviation) and a measure of the magnitude of difference needed between samples (coefficient of variation) was examined. Data from Phase 1 and Phase 2 were included in the assessment.

Standard deviations associated with catch rate estimates for the majority of target species remained stable between the two sample years. Also the size of the standard deviation did not differ substantially between the SFC and SFN habitat categories. The results indicated that the sampling protocols used during both Phase 1 and Phase 2 maintained the stability of the catch rate variation.

Coefficient of variation did change between sample years for Arctic grayling and bull trout, but remained similar for mountain whitefish. Because the standard deviations associated with the estimates remained stable, the observed differences were due to changes in fish abundance. In general, catch rates for Arctic grayling decreased, while bull trout catch rates increased.

This has implications for the ability to detect change. If fish abundance decreased and the variation around the estimate stayed the same, as was the case for some Arctic grayling, the ability to detect a specified change, or the power of the test, would be reduced. Power analysis indicated that the sample sizes required for the Arctic grayling and bull trout sample populations made these species unsuitable for monitoring change. In contrast, the mountain whitefish population was a good candidate for monitoring. The results of the power analyses for bull trout and mountain whitefish were similar to findings made in Phase 1: mountain whitefish were suitable for monitoring and bull trout were not. The Phase 2 results indicated that Arctic grayling likely was no longer suitable as a candidate for monitoring due to a decrease in catch rates generated by boat electrofishing.

#### **4.2.4 Comparison to Previous Studies**

An objective of Phase 2 was to extend the time series data for abundance of nearshore fish populations in the Peace River. Catch rates for each of the target species populations in sampled sections differed between 2001 and 2002. Arctic grayling mean catch rates decreased 83%. In contrast, bull trout catch rates increased 84% between 2001 and 2002. Finally, mountain whitefish also exhibited a significant increase in mean catch rate (25%).

The reasons for the large changes in fish abundance were not easily explained. Sampling protocols and sampling conditions were similar between years; therefore, catchability should have been similar. If this assumption was true, the results illustrated two points. First, the Peace River fish populations exhibit large yearly differences in abundance. This has implications for the monitoring program regarding the threshold that should be used to detect change. Second, a sample size of ten was sufficient to document yearly differences in fish abundance.

### **4.3 POPULATION ESTIMATES**

Overall, the program was highly successful for mountain whitefish but much less so for Arctic grayling and bull trout. Population estimates were made using a Bayesian sequential closed population model. Mountain whitefish population estimates were 12 534 (Section 1), 10 587 (Section 2), 7066 (Section 3),



and 6045 (Section 4). Since marks were applied only to fish greater than 250 mm, estimates are only applicable to that portion of the population. Population estimates were generated for four river sections using minimum time-at-large of two days, a minimum length of 250 mm, an annual instantaneous removal rate (represents natural mortality, unobserved removals and emigration) of 0.0 and an undetected mark rate of 0%. Other parameter values were tried in order to reveal the sensitivity of the population estimates to possible failures in the model assumptions.

For mountain whitefish, the large number of marks applied and recaptured and the structured sequential sampling design allowed the following findings:

1. Empirical verification of the assumptions required for population estimation.
2. Population estimates must be stratified by river section.
3. The structured sequential sampling design was more efficient than the design used in 1989.
4. Highly precise population (CV = 3%) and catchability (CV = 7%) estimates.
5. Verification that catchability is constant between river sections, thus catch-per-unit effort indices are comparable and representative of the population.

The very sparse recoveries for Arctic grayling made any point estimates of population size highly unreliable. Statements of minimum population size in section four (e.g., 0.95 probability that there is at least 55 Arctic grayling) should be valid. Extending the minimum size estimate over the total study area is dependent on the assumption that the marks mix with the population (which was not evident from the only 3 recaptures). Over 100 hours of boat electrofishing effort, which is approximately 62% expansion of the current study would likely be needed to obtain defensible population estimates for Arctic grayling.

For bull trout, population estimates are available, but the precision is poor (CV = 63%). There is not sufficient data to forecast effort levels needed for reliable population estimates; however, we can state that more effort is required and that effort levels required for Arctic grayling may be sufficient for bull trout.

#### **4.4 RELATIVE ABUNDANCE AS INDEX OF POPULATION SIZE**

A primary objective of the Peace River Fish Community Indexing Program is to establish whether relative abundance can be used as a monitoring tool. The basic premise of this index sampling approach is that the relative abundance estimate is directly proportional to absolute abundance, or that catchability stays the same. During Phase 2, mountain whitefish catchability was constant among the four sampled sections (Table 3.26 and Figure 3.14), even though there was a two-fold difference in the population size and there was a substantial ability to differentiate small changes in catchability. The estimates were derived for each sample section, which contained multiple habitat types.

Phase 2 relative abundance sampling was stratified between two of the habitat categories (SFC and SFN) as a way to improve precision, but it is not known whether catchability was constant among habitats. The population estimate component was not designed to address this question. However, a plot of estimated catch rate (in each habitat type) against an estimate of absolute abundance (in each section) indicated that catchability was not stable in the SFC habitat. In contrast, catchability was relatively stable in the SFN habitat. Based on this preliminary assessment, it appears that the catch rates in the SFN habitat could provide a good index of absolute abundance.

## 5.0 RECOMMENDATIONS

### 5.1 APPROACH AND DESIGN

The stated overall objective of the Large River Program is:

“to establish fish monitoring protocols that can be used reliably across the Peace River and Columbia River watersheds to provide an index of the general status of the fish community”.

The Phase 2 program provided a suitable fish monitoring protocol given the logistical and financial constraints placed on the program. The Phase 2 results established that the monitoring protocol recommended by Phase 1 provided a reliable index of at least one target species: mountain whitefish. Adjustments can be incorporated into Phase 3 to improve the reliability of the data for other target species, but the basic strategy and effort employed by Phase 2 appears to be sufficient to meet the overall objective of the Large River Program.

The monitoring protocol for the Peace River should be based on a systematic assessment of the following factors:

1. The potential effects of the dam operation regimes on the fish community.
2. The best target species based on life history and catchability.
3. The best sampling locations or group of locations.
4. The optimal sampling time.

Phases 1 and 2 focused efforts on developing and evaluating a monitoring protocol designed to address these factors. The following provides general comments regarding the approach used to date and recommendations for future monitoring, if applicable.

#### Potential Effects

Phase 2 targeted nearshore habitats that are effectively sampled by boat electrofishing. This approach focused on areas (channel margins) that potentially are influenced by changes to dam operation and used the most effective sampling method available for large river systems. Parameters chosen for monitoring (biological characteristics, relative abundance, and population estimates) were suitable for evaluating effects of the dam operation on the fish community.

### Target Species

The Phase 2 results indicated that the low abundance of Arctic grayling and bull trout hindered collection of sufficient sample sizes to monitor changes in biological characteristics and relative abundance. Despite significant sampling effort, useful population estimates were not developed for these two species. From a logistical perspective, Arctic grayling and bull trout are not suitable species for monitoring because reliable data cannot be collected using the sampling techniques and sampling effort employed during Phase 2.

From an ecological perspective, Arctic grayling and bull trout are suitable indicators. Both require distinct nearshore habitats (those with physical cover), which could make them susceptible to operational changes in flow regime. Each species uses a different ecological niche that is affected differently by flow alterations. Finally, bull trout may be an important species in the Peace River fish community from an ecological perspective, because they are a major predator.

If the Peace River Fish Community Indexing Program places a high importance on use of Arctic grayling and bull trout as target species, the efficacy of alternative sampling methods can be investigated during Phase 3. First, focusing sampling effort on primary habitats and river sections used by these species can increase the numbers of fish collected. This approach was successfully used during the 1989 and 1990 Site C investigations to improve population estimate precision for Arctic grayling and rainbow trout (Pattenden *et al.* 1991). The adjustment also would increase sample sizes available for assessment of biological characteristics. Second, an alternate sampling method such as angling could be employed for the mark-recapture component of the program. This technique has been used effectively for both species during population estimate studies on other river systems in Alberta and British Columbia.

From a logistical perspective, Phase 2 has established that mountain whitefish is a suitable target species. Reliable information was collected for biological characteristics, relative abundance, and population estimates. Analyses indicated that catchability was stable across four sample sections; therefore, relative abundance values generated by boat electrofishing appears to be suitable for indexing absolute abundance. Phase 3 should repeat work undertaken in Phase 2 to add to the trend data and to establish whether catchability is spatially and temporally stable. Given the large numbers of mountain whitefish in the study area, sacrificing fish to ascertain sexual differences in growth rate and age-at-maturity should be considered as a way to improve the reliability of the data.

### Sampling Location

Phase 2 was designed to evaluate spatial differences in sample populations in the upper portion of the Peace River. This area encompasses the majority of the target species populations and represents the section of the Peace River that potentially would be most affected by alterations to the flow regime. Sampling in this area was stratified to address spatial differences in population characteristics and fish abundance. These are the best sampling locations for the monitoring program.

However, the downstream half of the entire Peace River study area was not sampled during the Phase 2 program. This caused a data gap for at least one of the target species: mountain whitefish. Phase 3 monitoring should include the lower portion of the Peace River to document spatial changes in the population within the study area and to ascertain the downstream extent of potential effects of flow alterations.

### Sampling Time

Based on the target species life history characteristics and sampling conditions, Phase 2 was completed within the correct period (late summer - early fall). It is possible that a portion of the bull trout population was missed if adult fish were still returning to the Peace River from spawning tributaries. This problem was unavoidable given that other issues needed to be addressed. The sampling time established by Phase 2 should be used during Phase 3.

### Summary Recommendations

1. Maintain the present study design and sampling protocol with the following adjustments.
  - a. Repeat the experiment in at least two river sections to assess inter-annual variation in catchability.
  - b. Expand the experiment to include downstream river sections within the Peace River study area.
  - c. Undertake steps to ensure standardized boat operation technique.
  - d. Continue to evaluate the efficacy of including observed fish in the catch data.
  - e. Evaluate the effect of habitat stratification and hyperstability on catchability.
  - f. Sacrifice mountain whitefish to ascertain sexual differences in growth and maturity.
2. Build an age-structured model that will serve to synthesize catch-per-unit-of-effort, age, and abundance information. If such models are to be maintained and used for the evaluation of operational changes, there will be a need to collect long-term information on population dynamics (e.g., mortality and stock-recruitment functional form) and use of long-lasting marks such as pit tags should be considered.

3. Investigate alternative sampling protocols for Arctic grayling and bull trout.
  - a. Adjust boat electrofishing sampling effort to increase sample sizes for biological characteristics and population estimates.
  - b. Use angling as a fish capture method for Arctic grayling and bull trout.

## **5.2 PROGRAM SCOPE**

Phases 1 and 2 focused efforts on developing and evaluating a monitoring protocol to document changes in the fish community. The information will be used to ascertain whether changes to the operational flow regime are manifested by changes to the fish community. Establishing a causal relationship between flow alteration and a change in the fish community will be problematic until there is a good understanding of fish community response to flow alteration. Effects outside the control of the program also will hamper the interpretation of the monitoring data.

Ideally, the scope of the Peace River Fish Community Indexing Program would be expanded to collect information needed to interpret the monitoring data. Phase 3 could initiate this process by addressing some important issues. The following are questions for consideration:

1. How does recreational sportfish harvest on the Peace River affect populations of the target species?
  - Are current harvest rates sufficient to depress the adult component of the Arctic grayling population?
  - Will development of improved boat access to the upper Peace River increase harvest rates?
2. What nearshore habitats are important to the target species populations?
  - What are the critical spawning areas for mountain whitefish?
  - Are Arctic grayling and bull trout restricted to nearshore habitats containing physical cover?
3. How does flow alteration affect fish use of important nearshore habitats?

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**APPENDIX A**  
**Sample Sites**

**Appendix A Table A1. Boat electrofish (ES) and water level (WT) sites, UTM (NAD 83; Zone 10V), and river kilometres in the Peace River study area during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
Section 1								
	ES0101	Island Left Downstream Bank	566453	6207858	145.2	566936	6208239	144.6
	ES0102	Island Left Downstream Bank	566936	6208240	144.6	567497	6208907	143.7
	ES0103	Right Downstream Bank	566366	6207717	145.2	567401	6208075	144.4
	ES0104	Island Right Downstream Bank	566504	6207771	145.2	566934	6207880	144.6
	ES0105	Right Downstream Bank	567402	6208074	144.4	568000	6208913	143.3
	ES0106	Right Downstream Bank	568048	6209364	143.1	568480	6209769	142.4
	ES0107	Left Downstream Bank	568372	6210050	142.3	568798	6210402	141.4
	ES0108	Right Downstream Bank	568605	6209966	142.3	569259	6210477	141.2
	ES0109	Right Downstream Bank	569260	6210478	141.2	569850	6211235	140.4
	ES0110	Left Downstream Bank	568798	6210403	141.4	569302	6211053	140.6
	ES0111	Left Downstream Bank	569302	6211053	140.6	569825	6211869	139.8
	ES0112	Left Downstream Bank	569824	6211868	139.8	570686	6212472	138.9
	ES0113	Right Downstream Bank	569994	6211528	140.0	570510	6212043	139.2
	ES0114	Left Downstream Bank	570686	6212474	139.0	571342	6213121	137.9
	ES0115	Left Downstream Bank	571342	6213122	137.9	571664	6213638	137.0
	ES0116	Right Downstream Bank	570511	6212043	139.2	571265	6212633	138.1
	WT02	Right Downstream Bank	586626	6223107	145.3			
Section 2								
	ES0201	Right Downstream Bank	579725	6219429	125.2	580501	6219562	124.4
	ES0202	Right Downstream Bank	580500	6219560	124.4	581635	6219717	123.3
	ES0203	Right Downstream Bank	581636	6219712	123.3	582803	6220222	122.0
	ES0204	Right Downstream Bank	582803	6220221	122.0	583374	6220540	121.4
	ES0205	Right Downstream Bank	583373	6220540	121.4	584162	6221160	120.3
	ES0206	Island Right Downstream Bank	582595	6220214	122.3	583328	6220712	121.4
	ES0207	Island Right Downstream Bank	583326	6220712	121.4	583854	6221135	120.7
	ES0208	Island Right Downstream Bank	583854	6221135	120.7	584417	6221840	119.9
	ES0209	Island Left Downstream Bank	582532	6220314	122.3	583713	6221339	121.0
	ES0210	Island Left Downstream Bank	583877	6221521	120.6	584418	6221839	119.9
	ES0211	Left Downstream Bank	582608	6220890	121.9	583260	6221343	121.0
	ES0212	Left Downstream Bank	583260	6221344	121.0	584428	6222045	119.9
	ES0213	Right Downstream Bank	584226	6221364	120.4	584840	6221998	119.7
	ES0214	Left Downstream Bank	582202	6220308	122.7	582608	6220889	121.9
	ES0215	Left Downstream Bank	585661	6222890	118.0	586596	6223550	117.0

**Appendix A Table A1. Boat electrofish (ES) and water level (WT) sites, UTM (NAD 83; Zone 10V), and river kilometres in the Peace River study area during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
Section 2								
	ES0216	Right Downstream Bank	585962	6222661	118.0	586601	6223100	117.0
	WT01	Right Downstream Bank	566274	6207770	117.2			
Section 3								
	ES0301	Right Downstream Bank	600824	6232860	98.4	602606	6233198	96.3
	ES0302	Island Right Downstream Bank	599753	6233307	99.2	601597	6233232	97.0
	ES0303	Island Right Downstream Bank	601597	6233232	97.0	602930	6233597	96.0
	ES0304	Island Left Downstream Bank	602583	6233193	96.3	603944	6233215	94.4
	ES0305	Left Downstream Bank	603204	6233827	95.6	604640	6233426	93.8
	ES0306	Left Downstream Bank	604655	6233435	93.8	605586	6233750	92.5
	ES0307	Island Right Downstream Bank	605976	6233888	92.2	606935	6234160	91.2
	ES0308	Island Right Downstream Bank	606935	6234158	91.2	607692	6235034	90.2
	ES0309	Island Left Downstream Bank	605976	6233878	92.2	606666	6234387	91.4
	ES0310	Island Left Downstream Bank	606662	6234395	91.4	607691	6235034	90.4
	ES0311	Left Downstream Bank	605585	6233743	92.5	606512	6234441	91.4
	ES0312	Left Downstream Bank	607058	6234840	91.3	608047	6235753	89.8
	ES0313	Right Downstream Bank	603182	6233184	95.6	604468	6233079	93.9
	ES0314	Right Downstream Bank	604468	6233079	93.9	605400	6233321	93.0
	ES0315	Right Downstream Bank	605400	6233320	93.0	606956	6233951	91.0
	ES0316	Right Downstream Bank	606956	6233951	91.0	607933	6234852	89.9
	WT03	Right Downstream Bank	600646	6232814	98.9			
Section 4								
	ES0401	Right Downstream Bank	615480	6233855	80.7	616768	6232757	78.7
	ES0402	Right Downstream Bank	616768	6232757	78.7	618213	6232521	77.6
	ES0403	Island Right Downstream Bank	615978	6233680	79.8	617305	6232890	78.2
	ES0404	Left Downstream Bank	616641	6233455	79.3	617398	6232929	78.2
	ES0405	Right Downstream Bank	619103	6232121	76.2	620123	6231703	75.0
	ES0406	Right Downstream Bank	620124	6231707	75.0	621368	6231783	73.6
	ES0407	Right Downstream Bank	621369	6231778	73.6	622266	6232052	72.6
	ES0408	Right Downstream Bank	622639	6232132	72.7	623400	6232741	71.5
	ES0409	Right Downstream Bank	623402	6232746	71.5	624388	6233448	70.3
	ES0410	Left Downstream Bank	622509	6232436	72.7	623588	6233103	71.4
	ES0411	Left Downstream Bank	619646	6232144	75.6	620940	6232100	74.2
	ES0412	Left Downstream Bank	620942	6232096	74.2	622509	6232434	72.7

**Appendix A Table A1. Boat electrofish (ES) and water level (WT) sites, UTM (NAD 83; Zone 10V), and river kilometres in the Peace River study area during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
Section 4								
	ES0413	Left Downstream Bank	615063	6234937	81.4	615722	6234142	80.6
	ES0414	Right Downstream Bank	612753	6236111	83.9	613746	6235143	82.6
	ES0415	Left Downstream Bank	613746	6235144	82.6	614866	6234672	81.3
	ES0416	Island Left Downstream Bank	613483	6235705	82.6	614389	6235179	81.8
	WT04	Right Downstream Bank	621772	6231901	73.6			

**APPENDIX B**  
**Sampling Conditions**

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
		Run	Time								Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
Section 1																				
ES0101																				
	1	21/08/2002	10:00	614	239	SFN	A3	Run	Cobble	None	1	12.5	145	4618	1	140	1	3	60	354
	2	29/08/2002	15:25	614	239	SFN	A3	Run	Cobble	None	1	11.5	999	5149	1	140	1	3	60	354
	3	07/09/2002	10:28	614	251	SFN	A3	Run	Cobble	None	1	10.4	155	4244	1	140	1	3	60	354
	4	17/09/2002	13:40	614	242	SFN	A3	Run	Cobble	None	1	12.0	999	5008	1	150	2	3	60	354
	5	24/09/2002	9:48	614	233	SFN	A3	Run	Cobble	None	1	11.3	999	4873	1	140	2	3	60	354
	6	28/09/2002	9:40	614	235	SFN	A3	Run	Cobble	None	1	11.3	999	4337	1	130	3	3	60	354
ES0102																				
	1	22/08/2002	10:45	870	323	SFN	A3	Run	Cobble	None	1	11.0	150	4524	1	130	1	3	60	354
	2	29/08/2002	14:25	870	345	SFN	A3	Run	Cobble	None	1	11.5	999	5149	1	140	1	3	60	354
	3	07/09/2002	11:28	870	289	SFN	A3	Run	Cobble	None	1	10.4	155	4241	1	140	1	3	60	354
	4	17/09/2002	12:50	870	350	SFN	A3	Run	Cobble	None	1	12.0	999	5002	1	150	1	3	60	354
	5	24/09/2002	10:59	870	325	SFN	A3	Run	Cobble	None	1	11.3	999	4874	1	140	1	3	60	354
	6	28/09/2002	10:51	870	276	SFN	A3	Run	Cobble	None	1	11.3	999	4910	1	130	3	3	60	354
ES0103																				
	1	21/08/2002	11:15	1092	685	SFC	A1	Run	Boulder	R+L+B	2	12.5	145	4859	1	140	1	3	60	354
	2	29/08/2002	13:35	1092	619	SFC	A1	Run	Boulder	R+L+B	2	11.5	999	5070	1	140	3	3	60	354
	3	07/09/2002	13:23	1092	555	SFC	A1	Run	Boulder	R+L+B	2	10.4	155	4232	2	140	2	3	60	354
	4	17/09/2002	11:00	1092	674	SFC	A1	Run	Boulder	R+L+B	2	12.0	999	4993	2	150	2	3	60	354
	5	24/09/2002	10:12	1092	499	SFC	A1	Run	Boulder	R+L+B	2	11.3	999	4875	2	140	3	3	60	354
	6	28/09/2002	10:03	1092	482	SFC	A1	Run	Boulder	R+L+B	2	11.3	999	4674	2	130	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V				
	Run									Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)	Cond. (us/cm)		
<b>Section 1</b>																		
<b>ES0104</b>																		
1	21/08/2002	12:15	442 272	SFN	A3	Run	Cobble	None	1	12.5	145	4870	2	140	1	3	60	354
2	29/08/2002	12:50	442 290	SFN	A3	Run	Cobble	None	1	11.5	999	4996	2	140	1	3	60	354
3	07/09/2002	14:10	442 275	SFN	A3	Run	Cobble	None	1	10.4	155	4230	2	140	3	3	60	354
4	17/09/2002	11:25	442 315	SFN	A3	Run	Cobble	None	1	12.0	999	4995	2	150	2	3	60	354
5	24/09/2002	10:26	442 275	SFN	A3	Run	Cobble	None	1	11.3	999	4875	2	140	3	3	60	354
6	28/09/2002	10:18	442 266	SFN	A3	Run	Cobble	None	1	11.3	999	4752	2	130	3	3	60	354
<b>ES0105</b>																		
1	22/08/2002	9:50	1029 475	SFC	A2	Run	Boulder	R+B	2	11.0	150	4524	1	130	1	3	60	354
2	29/08/2002	11:50	1029 529	SFC	A2	Run	Boulder	R+B	2	11.5	999	4980	1	140	3	3	60	354
3	07/09/2002	14:48	1029 431	SFC	A2	Run	Boulder	R+B	2	10.4	155	4229	1	140	3	3	60	354
4	17/09/2002	10:15	1029 574	SFC	A2	Run	Boulder	R+B	2	12.0	999	4993	1	150	3	3	60	354
5	24/09/2002	10:41	1029 402	SFC	A2	Run	Boulder	R+B	2	11.3	999	4875	1	140	3	3	60	354
6	28/09/2002	10:31	1029 380	SFC	A2	Run	Boulder	R+B	2	11.3	999	4831	1	130	3	3	60	354
<b>ES0106</b>																		
1	21/08/2002	14:30	591 595	SFN	A3	Run	Cobble	None	3	12.0	999	4878	4	150	3	3	60	354
2	29/08/2002	11:10	591 493	SFN	A3	Run	Cobble	None	3	11.5	999	4952	3	140	1	3	60	354
3	07/09/2002	15:40	591 423	SFN	A3	Run	Cobble	None	3	10.4	155	4229	3	140	2	3	60	354
4	17/09/2002	9:40	591 595	SFN	A3	Run	Cobble	None	3	12.0	999	4978	4	150	3	3	60	354
5	24/09/2002	11:20	591 477	SFN	A3	Run	Cobble	None	3	11.3	999	4896	3	140	2	3	60	354
6	28/09/2002	11:10	591 462	SFN	A3	Run	Cobble	None	3	11.3	999	4988	3	130	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V				
		Run	Time								Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)	Cond. (us/cm)		
<b>Section 1</b>																			
<b>ES0107</b>																			
1		21/08/2002	13:30	551 315	SFC	A1	Run	Boulder	R+B	3	12.5	145	4876	2	140	3	60	354	
2		29/08/2002	10:30	551 374	SFC	A1	Run	Boulder	R+B	3	11.5	999	4783	2	140	1	3	60	354
3		07/09/2002	16:02	551 330	SFC	A1	Run	Boulder	R+B	3	10.4	155	4228	2	140	1	3	60	354
4		16/09/2002	16:20	551 410	SFC	A1	Run	Boulder	R+B	3	11.5	999	5009	2	150	2	3	60	354
5		24/09/2002	11:31	551 333	SFC	A1	Run	Boulder	R+B	3	11.3	999	4918	2	140	1	3	60	354
6		28/09/2002	11:22	551 345	SFC	A1	Run	Boulder	R+B	3	11.3	999	4990	2	130	3	3	60	354
<b>ES0108</b>																			
1		21/08/2002	15:00	828 415	SFN	A3	Run	Cobble	None	1	12.5	145	4879	3	140		3	60	354
2		29/08/2002	9:50	828 526	SFN	A3	Run	Cobble	None	1	11.5	999	4588	3	140	3	3	60	354
3		08/09/2002	9:25	828 471	SFN	A3	Run	Cobble	None	1	10.0	999	4179	3	150	3	3	60	354
4		16/09/2002	15:45	828 517	SFN	A3	Run	Cobble	None	1	11.5	999	5007	2	150	1	3	60	354
5		24/09/2002	11:44	828 509	SFN	A3	Run	Cobble	None	1	11.3	999	4918	3	140	2	3	60	354
6		28/09/2002	12:20	828 444	SFN	A3	Run	Cobble	None	1	11.3	999	4999	2	130	3	3	60	354
<b>ES0109</b>																			
1		21/08/2002	15:50	958 472	SFN	A3	Run	Cobble	None	1	12.5	145	4880	2	140		3	60	354
2		30/08/2002	10:42	958 521	SFN	A3	Run	Cobble	None	1	11.3	999	4713	2	150	2	3	60	354
3		08/09/2002	10:11	958 514	SFN	A3	Run	Cobble	None	1	10.0	999	4208	3	150	3	3	60	354
4		16/09/2002	15:05	958 573	SFN	A3	Run	Cobble	None	1	11.5	999	5005	2	150	1	3	60	354
5		24/09/2002	12:00	958 513	SFN	A3	Run	Cobble	None	1	11.3	999	4962	2	140	2	3	60	354
6		28/09/2002	12:35	958 475	SFN	A3	Run	Cobble	None	1	11.3	999	5000	2	130	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.



**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V					
										Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)	Cond. (us/cm)			
<b>Section 1</b>																			
<b>ES0110</b>																			
	1	21/08/2002	13:45	315	SFC	A1	Run	Boulder	R+B	3	12.5	145	4877	2	140	3	60	354	
	2	30/08/2002	12:41	481	SFC	A1	Run	Boulder	R+B	3	11.3	999	4993	2	150	1	3	60	354
	3	08/09/2002	11:32	455	SFC	A1	Run	Boulder	R+B	3	10.0	999	4231	2	150	1	3	60	354
	4	16/09/2002	14:30	649	SFC	A1	Run	Boulder	R+B	3	11.5	999	5038	2	150	1	3	60	354
	5	24/09/2002	13:16	463	SFC	A1	Run	Boulder	R+B	3	11.3	999	4998	2	140	1	3	60	354
	6	28/09/2002	12:55	427	SFC	A1	Run	Boulder	R+B	3	11.3	999	5001	2	130	3	3	60	354
<b>ES0111</b>																			
	1	22/08/2002	11:50	526	SFC	A1	Run	Boulder	R+B	3	11.0	150	4523	2	130		3	60	354
	2	30/08/2002	13:20	591	SFC	A1	Run	Boulder	R+B	3	11.3	999	5012	2	150	1	3	60	354
	3	08/09/2002	12:11	533	SFC	A1	Run	Boulder	R+B	3	10.0	999	4233	2	150	1	3	60	354
	4	16/09/2002	13:40	749	SFC	A1	Run	Boulder	R+B	3	11.5	999	5163	2	150	1	3	60	354
	5	24/09/2002	13:33	642	SFC	A1	Run	Boulder	R+B	3	11.3	999	4998	2	140	1	3	60	354
	6	28/09/2002	13:15	555	SFC	A1	Run	Boulder	R+B	3	11.3	999	5003	2	130	2	3	60	354
<b>ES0112</b>																			
	1	21/08/2002	16:56	376	SFC	A1	Run	Boulder	R+B	2	12.5	145	4882	2	140		3	60	354
	2	30/08/2002	13:52	607	SFC	A1	Run	Boulder	R+B	2	11.3	999	5051	2	150	1	3	60	354
	3	08/09/2002	13:30	430	SFC	A1	Run	Boulder	R+B	2	10.0	999	4233	2	150	1	3	60	354
	4	16/09/2002	12:00	574	SFC	A1	Run	Boulder	R+B	2	11.5	999	5243	2	150	1	3	60	354
	5	24/09/2002	13:52	552	SFC	A1	Run	Boulder	R+B	2	11.3	999	4998	2	140	1	3	60	354
	6	28/09/2002	13:37	510	SFC	A1	Run	Boulder	R+B	2	11.3	999	5004	2	130	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V	
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)
<b>Section 1</b>																
<b>ES0113</b>																
	1	22/08/2002	13:00	727 363	SFC	A2	Run	Cobble	L+B	2	11.0	150	4519	2	130	3 60 354
	2	30/08/2002	16:20	727 381	SFC	A2	Run	Cobble	L+B	2	11.3	999	5023	2	150	3 60 354
	3	08/09/2002	15:57	727 356	SFC	A2	Run	Cobble	L+B	2	10.0	999	4245	2	150	2 3 60 354
	4	16/09/2002	10:35	727 416	SFC	A2	Run	Cobble	L+B	2	11.5	999	5229	2	150	3 60 354
	5	24/09/2002	14:09	727 369	SFC	A2	Run	Cobble	L+B	2	11.3	999	4999	2	140	2 3 60 354
	6	28/09/2002	13:56	727 330	SFC	A2	Run	Cobble	L+B	2	11.3	999	5006	2	130	3 60 354
<b>ES0114</b>																
	1	22/08/2002	13:55	919 458	SFC	A2	Run	Boulder	R+B	2	11.0	150	4521	2	130	3 60 354
	2	30/08/2002	15:00	919 506	SFC	A2	Run	Boulder	R+B	2	11.3	999	5097	2	150	2 3 60 354
	3	08/09/2002	14:31	919 391	SFC	A2	Run	Boulder	R+B	2	10.0	999	4240	2	150	2 3 60 354
	4	16/09/2002	11:10	919 476	SFC	A2	Run	Boulder	R+B	2	11.5	999	5230	1	150	1 3 60 354
	5	24/09/2002	14:24	919 466	SFC	A2	Run	Boulder	R+B	2	11.3	999	5000	2	140	1 3 60 354
	6	28/09/2002	14:10	919 403	SFC	A2	Run	Boulder	R+B	2	11.3	999	5007	2	130	3 60 354
<b>ES0115</b>																
	1	22/08/2002	15:05	607 351	SFC	A2	Run	Boulder	R+B	2	11.0	150	4520	3	130	3 60 354
	2	30/08/2002	15:25	607 402	SFC	A2	Run	Boulder	R+B	2	11.3	999	5079	2	150	2 3 60 354
	3	08/09/2002	15:24	607 344	SFC	A2	Run	Boulder	R+B	2	10.0	999	4243	2	150	2 3 60 354
	4	16/09/2002	9:20	607 387	SFC	A2	Run	Boulder	R+B	2	11.5	999	5194	2	150	1 3 60 354
	5	24/09/2002	14:37	607 385	SFC	A2	Run	Boulder	R+B	2	11.3	999	5002	2	140	1 3 60 354
	6	28/09/2002	14:25	607 337	SFC	A2	Run	Boulder	R+B	2	11.3	999	5008	2	130	3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
										Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
<b>Section 1</b>															
<b>ES0116</b>															
1		22/08/2002 15:50	955 452	SFN	A3	Run	Cobble	None	1	11.0	200	4571	3	140	3 60 354
2		30/08/2002 16:58	955 445	SFN	A3	Run	Cobble	None	1	11.3	999	5017	2	140	3 60 354
3		08/09/2002 16:36	955 431	SFN	A3	Run	Cobble	None	1	10.0	999	4201	2	150	1 3 60 354
4		16/09/2002 9:55	955 471	SFN	A3	Run	Cobble	None	1	11.5	999	5217	2	150	1 3 60 354
5		24/09/2002 15:05	955 489	SFN	A3	Run	Cobble	None	1	11.3	999	5004	3	140	1 3 60 354
6		28/09/2002 15:02	955 396	SFN	A3	Run	Cobble	None	1	11.3	999	5012	2	130	3 3 60 354
<b>Section 2</b>															
<b>ES0201</b>															
1		23/08/2002 10:30	785 869	SFC	A2	Run	Cobble	L+B	2	11.5	215	1586	3	130	3 60 354
2		01/09/2002 9:48	785 465	SFC	A2	Run	Cobble	L+B	2	12.1	999	1508	2	160	3 3 60 354
3		09/09/2002 10:55	785 476	SFC	A2	Run	Cobble	L+B	2	11.5	999	1596	2	150	3 3 60 354
4		17/09/2002 15:55	785 568	SFC	A2	Run	Cobble	L+B	2	12.0	999	2099	2	150	2 3 60 354
5		25/09/2002 10:02	785 435	SFC	A2	Run	Cobble	L+B	2	10.9	999	1220	2	140	3 3 60 354
6		29/09/2002 9:55	785 429	SFC	A2	Run	Cobble	L+B	2	10.4	999	96	4	150	2 3 60 354
<b>ES0202</b>															
1		23/08/2002 11:40	1142 617	SFC	A2	Run	Cobble	L+B	2	11.5	215	1626	4	130	3 60 354
2		01/09/2002 10:25	1142 852	SFC	A2	Run	Cobble	L+B	2	12.1	999	1507	3	160	3 3 60 354
3		09/09/2002 11:50	1142 806	SFC	A2	Run	Cobble	L+B	2	11.5	999	1532	3	150	2 3 60 354
4		17/09/2002 15:15	1142 892	SFC	A2	Run	Cobble	L+B	2	12.0	999	2094	3	150	2 3 60 354
5		25/09/2002 10:21	1142 786	SFC	A2	Run	Cobble	L+B	2	10.9	999	1288	3	140	3 3 60 354
6		29/09/2002 10:19	1142 736	SFC	A2	Run	Cobble	L+B	2	10.4	999	83	4	150	2 3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V					
	Run	Time								Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)	Cond. (us/cm)			
<b>Section 2</b>																			
<b>ES0203</b>																			
1	23/08/2002	11:50	1270	617	SFC	A2	Run	Cobble	L+B	2	11.5	215	1641	4	130	3	60	354	
2	01/09/2002	11:17	1270	866	SFC	A2	Run	Cobble	L+B	2	12.1	999	1507	3	160	3	60	354	
3	09/09/2002	12:35	1270	811	SFC	A2	Run	Cobble	L+B	2	11.5	999	1385	3	150	3	60	354	
4	19/09/2002	10:00	1270	836	SFC	A2	Run	Cobble	L+B	2	12.0	999	1631	3	150	3	60	354	
5	25/09/2002	10:52	1270	756	SFC	A2	Run	Cobble	L+B	2	10.9	999	1431	3	140	3	60	354	
6	29/09/2002	10:42	1270	718	SFC	A2	Run	Cobble	L+B	2	10.4	999	79	4	150	2	3	60	354
<b>ES0204</b>																			
1	23/08/2002	13:40	652	473	SFC	A2	Run	Cobble	LOD	2	11.5	215	1694	2	130	3	60	354	
2	01/09/2002	15:20	652	420	SFC	A2	Run	Cobble	LOD	2	12.6	999	1494	2	160	2	3	60	354
3	09/09/2002	13:40	652	450	SFC	A2	Run	Cobble	LOD	2	11.5	999	1233	2	150	3	60	354	
4	19/09/2002	11:45	652	507	SFC	A2	Run	Cobble	LOD	2	12.0	999	2260	2	150	3	60	354	
5	25/09/2002	11:07	652	426	SFC	A2	Run	Cobble	LOD	2	10.9	999	1507	2	140	3	60	354	
6	29/09/2002	11:00	652	408	SFC	A2	Run	Cobble	LOD	2	10.4	999	72	3	150	2	3	60	354
<b>ES0205</b>																			
1	23/08/2002	13:45	1001	472	SFC	A2	Run	Cobble	R+B	2	11.5	215	1698	2	130	3	60	354	
2	02/09/2002	13:57	1001	510	SFC	A2	Run	Cobble	R+B	2	11.7	999	1955	2	160	3	60	354	
3	09/09/2002	17:20	1001	620	SFC	A2	Run	Cobble	R+B	2	11.5	999	1157	2	160	3	60	354	
4	18/09/2002	12:55	1001	732	SFC	A2	Run	Cobble	R+B	2	11.0	999	1853	2	140	3	60	354	
5	25/09/2002	11:23	1001	543	SFC	A2	Run	Cobble	R+B	2	10.9	999	1584	2	140	3	60	354	
6	29/09/2002	11:16	1001	538	SFC	A2	Run	Cobble	R+B	2	10.4	999	69	4	150	2	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
										Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
<b>Section 2</b>															
<b>ES0206</b>															
1	23/08/2002	14:35	884 397	SFN	A3	Run	Cobble	None	1	11.5	215	1710	2	130	3 60 354
2	01/09/2002	14:28	884 438	SFN	A3	Run	Cobble	None	1	12.1	999	1495	2	160	3 60 354
3	09/09/2002	14:40	884 521	SFN	A3	Run	Cobble	None	1	11.5	999	1162	2	150	3 60 354
4	19/09/2002	10:45	884 450	SFN	A3	Run	Cobble	None	1	12.0	999	1907	2	150	3 60 354
5	25/09/2002	12:20	884 455	SFN	A3	Run	Cobble	None	1	10.9	999	1817	2	140	3 60 354
6	29/09/2002	12:12	884 460	SFN	A3	Run	Cobble	None	1	10.4	999	63	2	150	3 60 354
<b>ES0207</b>															
1	23/08/2002	15:30	675 396	SFN	A3	Run	Cobble	None	1	11.5	215	1736	2	130	3 60 354
2	02/09/2002	11:30	675 319	SFN	A3	Run	Cobble	None	1	11.7	999	1424	2	160	3 60 354
3	09/09/2002	15:30	675 380	SFN	A3	Run	Cobble	None	1	11.5	999	1136	2	150	3 60 354
4	18/09/2002	13:45	675 531	SFN	A3	Run	Cobble	None	1	11.0	999	1918	2	140	3 60 354
5	25/09/2002	12:37	675 303	SFN	A3	Run	Cobble	None	1	10.9	999	1853	2	140	3 60 354
6	29/09/2002	12:25	675 302	SFN	A3	Run	Cobble	None	1	10.4	999	63	2	150	3 60 354
<b>ES0208</b>															
1	23/08/2002	16:30	900 349	SFC	A2	Run	Cobble	Bank	2	11.5	215	1775	2	130	3 60 354
2	02/09/2002	12:16	900 380	SFC	A2	Run	Cobble	Bank	2	11.7	999	1727	2	160	3 60 354
3	09/09/2002	16:20	900 432	SFC	A2	Run	Cobble	Bank	2	11.5	999	1130	2	150	3 60 354
4	18/09/2002	11:35	900 487	SFC	A2	Run	Cobble	Bank	2	11.0	999	1637	2	140	3 60 354
5	25/09/2002	12:56	900 356	SFC	A2	Run	Cobble	Bank	2	10.9	999	1881	2	140	3 60 354
6	29/09/2002	12:41	900 409	SFC	A2	Run	Cobble	Bank	2	10.4	999	61	2	150	3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
<b>Section 2</b>																			
<b>ES0209</b>																			
	1	24/08/2002	10:00	538	SFN	A3	Run	Cobble	None	1	13.0	200	1549	2	140	3	60	354	
	2	02/09/2002	10:02	727	SFN	A3	Run	Cobble	None	1	11.7	999	933	2	160	3	60	354	
	3	10/09/2002	14:55	753	SFN	A3	Run	Cobble	None	1	11.0	999	1932	2	160	1	3	60	354
	4	19/09/2002	15:10	783	SFN	A3	Run	Cobble	None	1	12.0	999	2472	2	150	1	3	60	354
	5	25/09/2002	14:08	709	SFN	A3	Run	Cobble	None	1	10.9	999	1947	3	140	2	3	60	354
	6	29/09/2002	14:03	628	SFN	A3	Run	Cobble	None	1	10.4	999	232	3	150	2	3	60	354
<b>ES0210</b>																			
	1	24/08/2002	10:50	381	SFN	A3	Run	Cobble	None	1	13.0	200	1587	3	140		3	60	354
	2	02/09/2002	10:25	338	SFN	A3	Run	Cobble	None	1	11.7	999	956	2	160	3	3	60	354
	3	10/09/2002	11:50	389	SFN	A3	Run	Cobble	None	1	11.0	999	1393	3	160	2	3	60	354
	4	19/09/2002	12:10	323	SFN	A3	Run	Cobble	None	1	12.0	999	2311	2	150	2	3	60	354
	5	25/09/2002	14:24	339	SFN	A3	Run	Cobble	None	1	10.9	999	1951	3	140	2	3	60	354
	6	29/09/2002	14:17	397	SFN	A3	Run	Cobble	None	1	10.4	999	363	2	150	3	3	60	354
<b>ES0211</b>																			
	1	24/08/2002	11:50	917	SFC	A1	Run	Boulder	R+B	2	13.0	200	1723	2	140		3	60	354
	2	01/09/2002	12:57	491	SFC	A1	Run	Boulder	R+B	2	12.1	999	1500	2	160	2	3	60	354
	3	10/09/2002	14:10	520	SFC	A1	Run	Boulder	R+B	2	11.0	999	1874	2	160	1	3	60	354
	4	19/09/2002	14:20	581	SFC	A1	Run	Boulder	R+B	2	12.0	999	2462	2	150	1	3	60	354
	5	25/09/2002	15:03	479	SFC	A1	Run	Boulder	R+B	2	10.9	999	1958	2	140	2	3	60	354
	6	29/09/2002	14:49	440	SFC	A1	Run	Boulder	R+B	2	10.4	999	762	2	150	2	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
	Run	Time								Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
<b>Section 2</b>															
<b>ES0212</b>															
1	24/08/2002	13:20	1359 852	SFC	A2	Run	Boulder	R+B	2	13.0	200	1879	2	140	3 60 354
2	01/09/2002	13:37	1359 778	SFC	A2	Run	Boulder	R+B	2	12.1	999	1498	2	160	3 60 354
3	10/09/2002	13:05	1359 789	SFC	A2	Run	Boulder	R+B	2	11.0	999	1734	2	160	1 3 60 354
4	19/09/2002	13:30	1359 855	SFC	A2	Run	Boulder	R+B	2	12.0	999	2439	2	150	2 3 60 354
5	25/09/2002	15:23	1359 712	SFC	A2	Run	Boulder	R+B	2	10.9	999	1960	3	140	2 3 60 354
6	29/09/2002	15:13	1359 682	SFC	A2	Run	Boulder	R+B	2	10.4	999	999	2	150	3 3 60 354
<b>ES0213</b>															
1	24/08/2002	14:10	881 546	SFN	A3	Run	Cobble	None	1	13.0	200	1907	2	140	3 60 354
2	02/09/2002	14:54	881 496	SFN	A3	Run	Cobble	None	1	11.7	999	1990	3	160	3 3 60 354
3	10/09/2002	10:50	881 488	SFN	A3	Run	Cobble	None	1	11.0	999	1103	2	160	2 3 60 354
4	18/09/2002	10:45	881 656	SFN	A3	Run	Cobble	None	1	11.0	999	1511	2	140	3 3 60 354
5	25/09/2002	15:43	881 499	SFN	A3	Run	Cobble	None	1	10.9	999	1961	3	140	2 3 60 354
6	29/09/2002	11:38	881 470	SFN	A3	Run	Cobble	None	1	10.4	999	67	3	150	2 3 60 354
<b>ES0214</b>															
1	24/08/2002	15:15	708 596	SFN	A3	Run	Cobble	None	1	13.0	200	1982	3	140	3 60 354
2	01/09/2002	12:34	708 321	SFN	A3	Run	Cobble	None	1	12.1	999	1502	2	160	2 3 60 354
3	10/09/2002	16:10	708 403	SFN	A3	Run	Cobble	None	1	11.0	999	2028	3	160	1 3 60 354
4	17/09/2002	16:30	708 392	SFN	A3	Run	Cobble	None	1	12.0	999	2076	2	150	1 3 60 354
5	25/09/2002	14:45	708 331	SFN	A3	Run	Cobble	None	1	10.9	999	1956	2	140	2 3 60 354
6	29/09/2002	14:33	708 299	SFN	A3	Run	Cobble	None	1	10.4	999	543	2	150	3 3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
	Run	Time								Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
<b>Section 2</b>															
<b>ES0215</b>															
1	24/08/2002	17:05	1142 649	SFC	A2	Run	Cobble	R+B	2	13.0	200	2127	2	140	3 60 354
2	02/09/2002	15:34	1142 590	SFC	A2	Run	Cobble	R+B	2	11.7	999	2037	2	160	3 60 354
3	10/09/2002	9:20	1142 630	SFC	A2	Run	Cobble	R+B	2	11.0	999	964	2	160	2 3 60 354
4	18/09/2002	9:20	1142 648	SFC	A2	Run	Cobble	R+B	2	11.0	999	1445	2	140	3 60 354
5	25/09/2002	16:03	1142 538	SFC	A2	Run	Cobble	R+B	2	10.9	999	1962	2	140	2 3 60 354
6	29/09/2002	15:38	1142 557	SFC	A2	Run	Cobble	R+B	2	10.4	999	1412	2	150	2 3 60 354
<b>ES0216</b>															
1	24/08/2002	16:30	773 408	SFN	A3	Run	Gravel	None	1	13.0	200	2104	3	140	3 60 354
2	02/09/2002	16:08	773 362	SFN	A3	Run	Gravel	None	1	11.8	999	2074	2	160	3 60 354
3	10/09/2002	10:20	773 396	SFN	A3	Run	Gravel	None	1	11.0	999	1000	3	160	2 3 60 354
4	18/09/2002	10:20	773 437	SFN	A3	Run	Gravel	None	1	11.0	999	1477	2	140	3 60 354
5	25/09/2002	16:19	773 339	SFN	A3	Run	Gravel	None	1	10.9	999	1961	2	140	2 3 60 354
6	29/09/2002	16:00	773 360	SFN	A3	Run	Gravel	None	1	10.4	999	1693	2	150	2 3 60 354
<b>Section 3</b>															
<b>ES0301</b>															
1	25/08/2002	14:30	1808 990	SFC	A2	Run	Boulder	R+B	3	13.0	999	2499	2	140	3 60 354
2	31/08/2002	13:35	1808 1E+0:	SFC	A2	Run	Boulder	R+B	3	11.8	999	2114	2	160	2 3 60 354
3	11/09/2002	15:50	1808 1E+0:	SFC	A2	Run	Boulder	R+B	3	11.0	999	2825	2	170	2 3 60 354
4	20/09/2002	13:32	1808 869	SFC	A2	Run	Boulder	R+B	3	11.1	200	2756	2	150	2 3 60 354
5	26/09/2002	9:55	1808 867	SFC	A2	Run	Boulder	R+B	3	10.9	999	2306	3	160	3 60 354
6	30/09/2002	15:25	1808 768	SFC	A2	Run	Boulder	R+B	3	10.3	999	2959	2	170	3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.



**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
<b>Section 3</b>																			
<b>ES0302</b>																			
	1	25/08/2002	15:30	706	SFC	A2	Run	Cobble	L+B	2	13.0	999	2599	2	140	3	60	354	
	2	31/08/2002	15:07	825	SFC	A2	Run	Cobble	L+B	2	11.8	999	2308	2	160	2	3	60	354
	3	11/09/2002	16:50	890	SFC	A2	Run	Cobble	L+B	2	11.0	999	2895	2	170	1	3	60	354
	4	21/09/2002	14:52	761	SFC	A2	Run	Cobble	L+B	2	10.2	999	2813	2	220	3	3	60	354
	5	26/09/2002	14:15	752	SFC	A2	Run	Cobble	L+B	2	10.9	999	2771	2	160	3	3	60	354
	6	30/09/2002	10:26	772	SFC	A2	Run	Cobble	L+B	2	10.3	999	1682	3	170	1	3	60	354
<b>ES0303</b>																			
	1	25/08/2002	16:40	738	SFC	A2	Run	Cobble	Bank	1	13.0	999	2692	2	140		3	60	354
	2	31/08/2002	16:12	682	SFC	A2	Run	Cobble	Bank	1	11.8	999	2461	2	160	2	3	60	354
	3	11/09/2002	14:55	727	SFC	A2	Run	Cobble	Bank	1	11.0	999	2695	2	170	1	3	60	354
		13/09/2002			SFC	A2	Run	Cobble	Bank	1									
	4	21/09/2002	15:33	626	SFC	A2	Run	Cobble	Bank	1	10.2	999	2853	2	220	3	3	60	354
	5	26/09/2002	14:34	632	SFC	A2	Run	Cobble	Bank	1	10.9	999	2808	2	160	3	3	60	354
	6	30/09/2002	11:00	629	SFC	A2	Run	Cobble	Bank	1	10.3	999	1652	2	170	2	3	60	354
<b>ES0304</b>																			
	1	25/08/2002	17:30	794	SFN	A3	Run	Gravel	None	1	13.0	999	2750	2	140		3	60	354
	2	31/08/2002	14:14	789	SFN	A3	Run	Gravel	None	1	11.8	999	2167	3	160	2	3	60	354
	3	11/09/2002	14:10	816	SFN	A3	Run	Gravel	None	1	11.0	999	2593	2	170	1	3	60	354
	4	20/09/2002	14:36	723	SFN	A3	Run	Gravel	None	1	11.1	200	2842	2	150	2	3	60	354
	5	26/09/2002	14:52	667	SFN	A3	Run	Gravel	None	1	10.9	999	2841	2	160	3	3	60	354
	6	30/09/2002	15:51	630	SFN	A3	Run	Gravel	None	1	10.3	999	2985	2	170	2	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V	
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)
<b>Section 3</b>																
<b>ES0305</b>																
	1	26/08/2002	9:50	1486 778	SFN	A3	Run	Cobble	None	1	13.0	135	2392	3	180	3 60 354
	2	31/08/2002	16:42	1486 811	SFN	A3	Run	Cobble	None	1	11.8	999	2548	2	160	3 60 354
	3	11/09/2002	11:20	1486 821	SFN	A3	Run	Cobble	None	1	11.0	90	2227	2	270	1 3 60 354
		13/09/2002			SFN	A3	Run	Cobble	None	1						
	4	20/09/2002	15:30	1486 711	SFN	A3	Run	Cobble	None	1	11.2	85	2858	3	210	2 3 60 354
	5	26/09/2002	15:11	1486 665	SFN	A3	Run	Cobble	None	1	10.3	125	2869	2	210	3 3 60 354
	6	30/09/2002	11:27	1486 678	SFN	A3	Run	Cobble	None	1	10.3	999	1719	2	170	2 3 60 354
<b>ES0306</b>																
	1	26/08/2002	10:50	980 633	SFN	A3	Run	Cobble	None	1	13.0	135	2390	4	180	3 60 354
	2	04/09/2002	15:41	980 510	SFN	A3	Run	Cobble	None	1	12.0	85	2941	3	160	2 3 60 354
	3	11/09/2002	10:20	980 640	SFN	A3	Run	Cobble	None	1	11.0	90	2165	3	270	1 3 60 354
	4	20/09/2002	16:58	980 508	SFN	A3	Run	Cobble	None	1	11.2	85	2945	3	210	3 3 60 354
	5	26/09/2002	15:37	980 527	SFN	A3	Run	Cobble	None	1	10.3	125	2915	3	210	3 3 60 354
	6	30/09/2002	11:58	980 513	SFN	A3	Run	Cobble	None	1	10.3	999	1981	3	170	1 3 60 354
<b>ES0307</b>																
	1	26/08/2002	11:40	994 573	SFN	A3	Run	Cobble	None	1	13.0	999	2402	3	140	3 60 354
	2	04/09/2002	12:13	994 657	SFN	A3	Run	Cobble	None	1	12.0	85	2292	3	160	3 3 60 354
	3	12/09/2002	11:30	994 608	SFN	A3	Run	Cobble	None	1	11.5	999	2523	2	160	2 3 60 354
	4	21/09/2002	13:28	994 543	SFN	A3	Run	Cobble	None	1	10.2	999	2661	2	220	3 3 60 354
	5	26/09/2002	11:35	994 505	SFN	A3	Run	Cobble	None	1	10.9	999	2347	3	160	3 3 60 354
	6	30/09/2002	14:35	994 439	SFN	A3	Run	Cobble	None	1	10.3	999	2895	2	170	2 3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
										Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
Section 3															
ES0308															
1	26/08/2002	12:15	1155 757	SFN	A3	Run	Gravel	None	1	13.0	999	2423	2	140	3 60 354
2	04/09/2002	13:48	1155 714	SFN	A3	Run	Gravel	None	1	12.0	85	2766	3	160	3 60 354
3	12/09/2002	10:45	1155 712	SFN	A3	Run	Gravel	None	1	11.5	999	2512	3	160	2 3 60 354
4	21/09/2002	14:02	1155 688	SFN	A3	Run	Gravel	None	1	10.2	999	2749	2	220	3 60 354
5	26/09/2002	12:12	1155 551	SFN	A3	Run	Gravel	None	1	10.9	999	2401	2	160	3 60 354
6	30/09/2002	14:53	1155 571	SFN	A3	Run	Gravel	None	1	10.3	999	2921	2	170	2 3 60 354
ES0309															
1	26/08/2002	13:30	855 510	SFN	A3	Flat	Cobble	None	1	13.0	999	2522	2	140	3 60 354
2	04/09/2002	17:00	855 491	SFN	A3	Flat	Cobble	None	1	12.0	85	2986	3	160	2 3 60 354
3	12/09/2002	16:10	855 538	SFN	A3	Flat	Cobble	None	1	12.0	999	2868	2	160	2 3 60 354
4	21/09/2002	11:53	855 478	SFN	A3	Flat	Cobble	None	1	10.2	999	2518	3	220	3 60 354
5	26/09/2002	12:31	855 454	SFN	A3	Flat	Cobble	None	1	10.9	999	2465	2	160	3 60 354
6	30/09/2002	13:58	855 367	SFN	A3	Flat	Cobble	None	1	10.3	999	2777	3	170	2 3 60 354
ES0310															
1	26/08/2002	14:05	1208 758	SFC	A2	Run	Cobble	Bank	2	13.0	999	2592	2	140	3 60 354
2	04/09/2002	17:32	1208 698	SFC	A2	Run	Cobble	Bank	2	12.0	85	2993	2	160	2 3 60 354
3	12/09/2002	15:35	1208 692	SFC	A2	Run	Cobble	Bank	2	12.0	999	2856	2	160	2 3 60 354
4	21/09/2002	12:57	1208 674	SFC	A2	Run	Cobble	Bank	2	10.2	999	2598	2	220	3 60 354
5	26/09/2002	12:49	1208 605	SFC	A2	Run	Cobble	Bank	2	10.9	999	2504	2	160	3 60 354
6	30/09/2002	14:13	1208 582	SFC	A2	Run	Cobble	Bank	2	10.3	999	2826	2	170	2 3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz V	
	Run									Temp. (C)	Clarity (cm)	Level (mm)			Vel. (1-4)
<b>Section 3</b>															
<b>ES0311</b>															
1	26/08/2002	15:00	1158 634	SFC	A2	Run	Cobble	Bank	2	13.0	110	2739	2	190	3 60 354
2	04/09/2002	16:12	1158 594	SFC	A2	Run	Cobble	Bank	2	12.0	85	2961	2	160	3 60 354
3	12/09/2002	13:35	1158 684	SFC	A2	Run	Cobble	Bank	2	11.5	95	2724	2	210	1 3 60 354
4	21/09/2002	9:52	1158 561	SFC	A2	Run	Cobble	Bank	2	10.2	999	2512	2	220	3 3 60 354
5	26/09/2002	15:59	1158 546	SFC	A2	Run	Cobble	Bank	2	10.3	125	2932	2	210	3 3 60 354
6	30/09/2002	12:33	1158 540	SFC	A2	Run	Cobble	Bank	2	10.3	999	2329	2	170	1 3 60 354
<b>ES0312</b>															
1	26/08/2002	15:55	1343 749	SFN	A3	Flat	Cobble	None	1	13.0	110	2838	2	190	3 60 354
2	04/09/2002	18:26	1343 706	SFN	A3	Flat	Cobble	None	1	12.0	85	2999	2	160	3 3 60 354
3	12/09/2002	14:40	1343 782	SFN	A3	Flat	Cobble	None	1	11.5	95	2811	3	210	1 3 60 354
4	21/09/2002	10:55	1343 673	SFN	A3	Flat	Cobble	None	1	10.2	999	2507	3	220	3 3 60 354
5	26/09/2002	16:23	1343 637	SFN	A3	Flat	Cobble	None	1	10.3	125	2959	2	210	3 3 60 354
6	30/09/2002	13:00	1343 690	SFN	A3	Flat	Cobble	None	1	10.3	999	2554	3	170	2 3 60 354
<b>ES0313</b>															
1	26/08/2002	16:55	1286 779	SFC	A2	Run	Cobble	R+L+B	2	13.0	110	2960	2	190	3 60 354
2	04/09/2002	10:41	1286 718	SFC	A2	Run	Cobble	R+L+B	2	12.0	85	2127	3	160	3 3 60 354
3	11/09/2002	13:15	1286 719	SFC	A2	Run	Cobble	R+L+B	2	11.0	999	2504	3	170	2 3 60 354
4	20/09/2002	14:05	1286 612	SFC	A2	Run	Cobble	R+L+B	2	11.1	200	2807	2	150	2 3 60 354
5	26/09/2002	10:13	1286 587	SFC	A2	Run	Cobble	R+L+B	2	10.9	999	2290	2	160	3 3 60 354
6	30/09/2002	16:21	1286 500	SFC	A2	Run	Cobble	R+L+B	2	10.3	999	3002	2	170	3 3 60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V					
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)			
Section 3																				
ES0314																				
	1	26/08/2002	17:45	960	669	SFC	A2	Run	Cobble	R+L+B	3	13.0	150	3052	2	130	3	60	354	
	2	31/08/2002	18:00	960	599	SFC	A2	Run	Cobble	R+L+B	3	11.8	999	2797	2	160	1	3	60	354
	3	11/09/2002	9:50	960	643	SFC	A2	Run	Cobble	R+L+B	3	11.0	999	2163	3	170	3	3	60	354
	4	20/09/2002	10:33	960	693	SFC	A2	Run	Cobble	R+L+B	3	11.1	200	1666	3	150	3	3	60	354
	5	26/09/2002	10:27	960	544	SFC	A2	Run	Cobble	R+L+B	3	10.9	999	2283	3	160	3	3	60	354
	6	30/09/2002	16:32	960	430	SFC	A2	Run	Cobble	R+L+B	3	10.3	999	3009	2	170	3	3	60	354
ES0315																				
	1	27/08/2002	10:10	1674	972	SFC	A2	Run	Cobble	R+B	2	12.5	999	2370	2	140	3	3	60	354
	2	04/09/2002	11:21	1674	IE+0:	SFC	A2	Run	Cobble	R+B	2	12.0	85	2154	3	160	3	3	60	354
	3	12/09/2002	12:55	1674	IE+0:	SFC	A2	Run	Cobble	R+B	2	11.5	999	2634	2	160	2	3	60	354
	4	20/09/2002	11:14	1674	IE+0:	SFC	A2	Run	Cobble	R+B	2	11.1	200	1932	3	150	2	3	60	354
	5	26/09/2002	10:49	1674	850	SFC	A2	Run	Cobble	R+B	2	10.9	999	2290	3	160	3	3	60	354
	6	30/09/2002	16:49	1674	750	SFC	A2	Run	Cobble	R+B	2	10.3	999	3014	2	170	2	3	60	354
ES0316																				
	1	27/08/2002	11:05	1326	755	SFC	A1	Run	Boulder	R+B	3	12.5	999	2371	2	140	3	3	60	354
	2	04/09/2002	14:18	1326	706	SFC	A1	Run	Boulder	R+B	3	12.0	85	2843	2	160	2	3	60	354
	3	12/09/2002	9:50	1326	754	SFC	A1	Run	Boulder	R+B	3	11.5	999	2520	1	160	2	3	60	354
		13/09/2002				SFC	A1	Run	Boulder	R+B	3									
	4	20/09/2002	12:04	1326	685	SFC	A1	Run	Boulder	R+B	3	11.1	200	2369	2	150	2	3	60	354
	5	26/09/2002	11:09	1326	707	SFC	A1	Run	Boulder	R+B	3	10.9	999	2304	2	160	3	3	60	354
	6	30/09/2002	17:06	1326	598	SFC	A1	Run	Boulder	R+B	3	10.3	999	3019	2	170	2	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
Section 4																			
ES0401																			
	1	27/08/2002	12:20	1689 861	SFC	E3	Run	Gravel	LOD	2	12.5	999	4321	2	140	3	3	60	354
	2	05/09/2002	10:14	1689 790	SFC	E3	Run	Gravel	LOD	2	11.7	50	4759	2	170	3	3	60	354
	3	15/09/2002	11:10	1689 936	SFC	E3	Run	Gravel	LOD	2	12.0	999	5172	2	170	1	3	60	354
	4	23/09/2002	16:16	1689 683	SFC	E3	Run	Gravel	LOD	2	10.0	110	4702	2	160	2	3	60	354
	5	27/09/2002	11:43	1689 768	SFC	E3	Run	Gravel	LOD	2	10.6	999	4859	2	150	2	3	60	354
	6	01/10/2002	13:18	1689 745	SFC	E3	Run	Gravel	LOD	2	10.1	999	4867	2	200	2	3	60	354
ES0402																			
	1	27/08/2002	15:35	1460 890	SFN	A3	Run	Gravel	None	1	13.0	150	3948	3	150	1	3	60	354
	2	05/09/2002	11:16	1460 750	SFN	A3	Run	Gravel	None	1	11.7	50	4777	3	170	3	3	60	354
	3	15/09/2002	10:15	1460 823	SFN	A3	Run	Gravel	None	1	12.0	999	5165	3	170	1	3	60	354
	4	22/09/2002	11:52	1460 742	SFN	A3	Run	Gravel	None	1	11.5	120	4733	3	160	3	3	60	354
	5	27/09/2002	12:08	1460 742	SFN	A3	Run	Gravel	None	1	10.6	999	4859	2	150	2	3	60	354
	6	01/10/2002	13:40	1460 741	SFN	A3	Run	Gravel	None	1	10.1	999	4854	3	200	2	3	60	354
ES0403																			
	1	27/08/2002	13:15	1540 948	SFN	A3	Run	Gravel	None	2	12.5	999	4223	3	140	2	3	60	354
	2	05/09/2002	12:05	1540 955	SFN	A3	Run	Gravel	None	2	11.7	50	4783	3	170	2	3	60	354
	3	15/09/2002	12:00	1540 1E+0	SFN	A3	Run	Gravel	None	2	12.0	999	5179	3	170	1	3	60	354
	4	22/09/2002	10:09	1540 761	SFN	A3	Run	Gravel	None	2	11.5	120	4732	3	160	2	3	60	354
	5	27/09/2002	12:32	1540 840	SFN	A3	Run	Gravel	None	2	10.6	999	4863	2	150	3	3	60	354
	6	01/10/2002	12:29	1540 752	SFN	A3	Run	Gravel	None	2	10.1	999	4886	3	200	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Date and Time		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Temp. (C)	Water Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher A Hz	Electrofisher V
Run																	
Section 4																	
ES0404																	
1	27/08/2002	14:30	920 438	SFC	A2	Run	Cobble	R+B	2	13.0	150	4067	2	150	1	3	60 354
2	05/09/2002	13:54	920 492	SFC	A2	Run	Cobble	R+B	2	11.7	50	4781	2	170	1	3	60 354
3	15/09/2002	12:55	920 557	SFC	A2	Run	Cobble	R+B	2	12.0	999	5163	2	170	1	3	60 354
4	22/09/2002	10:48	920 420	SFC	A2	Run	Cobble	R+B	2	11.5	120	4732	2	160	3	3	60 354
5	27/09/2002	12:55	920 437	SFC	A2	Run	Cobble	R+B	2	10.6	999	4861	2	150	3	3	60 354
6	01/10/2002	12:46	920 434	SFC	A2	Run	Cobble	R+B	2	10.1	999	4886	2	200	1	3	60 354
ES0405																	
1	27/08/2002	16:15	1099 538	SFC	E2	Run	Cobble	LOD	2	13.0	150	3876	2	150	2	3	60 354
2	06/09/2002	10:27	1099 535	SFC	E2	Run	Cobble	LOD	2	11.4	85	4670	3	170	3	3	60 354
3	14/09/2002	16:30	1099 561	SFC	E2	Run	Cobble	LOD	2	12.5	999	4599	2	150	2	3	60 354
4	22/09/2002	13:04	1099 553	SFC	E2	Run	Cobble	LOD	2	11.5	120	4723	2	160	3	3	60 354
5	27/09/2002	14:18	1099 486	SFC	E2	Run	Cobble	LOD	2	10.6	999	4867	2	150	2	3	60 354
6	01/10/2002	14:37	1099 455	SFC	E2	Run	Cobble	LOD	2	10.1	999	4776	2	200	2	3	60 354
ES0406																	
1	27/08/2002	17:05	1242 749	SFC	A2	Run	Boulder	R+L+B	3	13.0	150	3820	2	150	2	3	60 354
2	06/09/2002	11:10	1242 665	SFC	A2	Run	Boulder	R+L+B	3	11.4	85	4669	2	170	3	3	60 354
3	14/09/2002	15:40	1242 713	SFC	A2	Run	Boulder	R+L+B	3	12.5	999	4648	2	150	2	3	60 354
4	22/09/2002	13:34	1242 668	SFC	A2	Run	Boulder	R+L+B	3	11.5	120	4715	2	160	2	3	60 354
5	27/09/2002	14:34	1242 629	SFC	A2	Run	Boulder	R+L+B	3	10.6	999	4865	2	150	2	3	60 354
6	01/10/2002	14:51	1242 524	SFC	A2	Run	Boulder	R+L+B	3	10.1	999	4743	2	200	2	3	60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
<b>Section 4</b>																			
<b>ES0407</b>																			
	1	27/08/2002	17:55	935 542	SFC	E2	Run	Boulder	L+B	3	13.0	150	3777	2	150	1	3	60	354
	2	06/09/2002	12:08	935 579	SFC	E2	Run	Boulder	L+B	3	11.4	85	4668	2	170	2	3	60	354
	3	14/09/2002	14:05	935 696	SFC	E2	Run	Boulder	L+B	3	12.0	999	4690	2	160	1	3	60	354
	4	22/09/2002	14:23	935 557	SFC	E2	Run	Boulder	L+B	3	11.5	120	4699	2	160	2	3	60	354
	5	27/09/2002	14:51	935 594	SFC	E2	Run	Boulder	L+B	3	10.6	999	4867	2	150	2	3	60	354
	6	01/10/2002	15:07	935 512	SFC	E2	Run	Boulder	L+B	3	10.1	999	4716	2	200	2	3	60	354
<b>ES0408</b>																			
	1	28/08/2002	10:30	972 519	SFC	E2	Run	Boulder	L+B	3	11.5	999	4505	2	140	3	3	60	354
	2	06/09/2002	13:50	972 614	SFC	E2	Run	Boulder	L+B	3	11.4	85	4659	2	170	2	3	60	354
	3	14/09/2002	12:20	972 636	SFC	E2	Run	Boulder	L+B	3	12.0	999	4770	2	160	2	3	60	354
	4	22/09/2002	15:06	972 589	SFC	E2	Run	Boulder	L+B	3	11.5	120	4671	2	160	1	3	60	354
	5	27/09/2002	15:08	972 448	SFC	E2	Run	Boulder	L+B	3	10.6	999	4868	2	150	2	3	60	354
	6	01/10/2002	15:22	972 422	SFC	E2	Run	Boulder	L+B	3	10.1	999	4679	2	200	2	3	60	354
<b>ES0409</b>																			
	1	28/08/2002	11:20	1207 693	SFC	A3	Run	Cobble	Bank	2	11.5	999	4439	2	140	3	3	60	354
	2	06/09/2002	14:23	1207 641	SFC	A3	Run	Cobble	Bank	2	11.4	85	4646	2	170	1	3	60	354
	3	14/09/2002	11:20	1207 688	SFC	A3	Run	Cobble	Bank	2	12.0	999	4846	2	160	2	3	60	354
	4	22/09/2002	16:12	1207 607	SFC	A3	Run	Cobble	Bank	2	11.5	120	4612	2	160	2	3	60	354
	5	27/09/2002	15:23	1207 670	SFC	A3	Run	Cobble	Bank	2	10.6	999	4863	2	150	2	3	60	354
	6	01/10/2002	15:38	1207 524	SFC	A3	Run	Cobble	Bank	2	10.1	999	4641	2	200	2	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.



**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
Section 4																			
ES0410																			
	1	28/08/2002	12:25	738	SFN	A3	Run	Cobble	None	2	11.5	999	4356	2	140	3	3	60	354
	2	06/09/2002	17:00	689	SFN	A3	Run	Cobble	None	2	11.4	85	4538	2	170	1	3	60	354
	3	14/09/2002	10:15	723	SFN	A3	Run	Cobble	None	2	12.0	999	4939	2	160	2	3	60	354
	4	23/09/2002	15:24	569	SFN	A3	Run	Cobble	None	2	10.0	110	4764	3	160	2	3	60	354
	5	27/09/2002	16:26	645	SFN	A3	Run	Cobble	None	2	10.6	999	4845	2	150	3	3	60	354
	6	01/10/2002	16:43	545	SFN	A3	Run	Cobble	None	2	10.1	999	4473	2	200	3	3	60	354
ES0411																			
	1	28/08/2002	13:50	724	SFN	A3	Run	Cobble	None	1	11.5	999	4212	2	140	3	3	60	354
	2	06/09/2002	15:20	730	SFN	A3	Run	Cobble	None	1	11.4	85	4616	2	170	1	3	60	354
	3	14/09/2002	17:05	774	SFN	A3	Run	Cobble	None	1	12.5	999	4565	3	150	2	3	60	354
	4	23/09/2002	13:24	633	SFN	A3	Run	Cobble	None	1	10.0	110	4756	3	160	3	3	60	354
	5	27/09/2002	15:47	576	SFN	A3	Run	Cobble	None	1	10.6	999	4855	2	150	2	3	60	354
	6	01/10/2002	16:05	531	SFN	A3	Run	Cobble	None	1	10.1	999	4561	2	200	2	3	60	354
ES0412																			
	1	28/08/2002	14:40	951	SFN	A3	Run	Cobble	None	1	11.5	999	4130	3	140	3	3	60	354
	2	06/09/2002	16:10	884	SFN	A3	Run	Cobble	None	1	11.4	85	4587	3	170	1	3	60	354
	3	14/09/2002	14:45	901	SFN	A3	Run	Cobble	None	1	12.0	999	4670	3	160	1	3	60	354
	4	23/09/2002	13:57	762	SFN	A3	Run	Cobble	None	1	10.0	110	4770	2	160	2	3	60	354
	5	27/09/2002	16:08	730	SFN	A3	Run	Cobble	None	1	10.6	999	4854	2	150	2	3	60	354
	6	01/10/2002	16:24	692	SFN	A3	Run	Cobble	None	1	10.1	999	4516	2	200	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label	Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Light (1-4)	Electrofisher A Hz	Electrofisher V				
										Temp. (C)	Clarity (cm)	Level (mm)				Vel. (1-4)	Cond. (us/cm)		
<b>Section 4</b>																			
<b>ES0413</b>																			
	1	28/08/2002	15:40	1031 641	SFC	A1	Run	Cobble	Bank	3	11.5	999	4011	4	140	3	3	60	354
	2	05/09/2002	17:35	1031 645	SFC	A1	Run	Cobble	Bank	3	11.7	50	4476	3	170	1	3	60	354
	3	15/09/2002	14:30	1031 835	SFC	A1	Run	Cobble	Bank	3	13.0	170	5012	4	170	1	3	60	354
	4	23/09/2002	16:46	1031 545	SFC	A1	Run	Cobble	Bank	3	10.0	110	4661	3	160	2	3	60	354
	5	27/09/2002	11:25	1031 607	SFC	A1	Run	Cobble	Bank	3	10.6	999	4855	3	150	2	3	60	354
	6	01/10/2002	12:09	1031 611	SFC	A1	Run	Cobble	Bank	3	10.1	999	4890	3	200	1	3	60	354
<b>ES0414</b>																			
	1	28/08/2002	16:30	1384 795	SFN	A3	Run	Cobble	None	2	11.5	999	3868	2	140	3	3	60	354
	2	05/09/2002	15:08	1384 773	SFN	A3	Run	Cobble	None	2	11.7	50	4722	2	170	2	3	60	354
	3	15/09/2002	16:55	1384 817	SFN	A3	Run	Cobble	None	2	12.5	999	4570	2	160	3	3	60	354
	4	23/09/2002	10:53	1384 680	SFN	A3	Run	Cobble	None	2	10.0	110	4684	3	160	3	3	60	354
	5	27/09/2002	10:12	1384 661	SFN	A3	Run	Cobble	None	2	10.6	999	4852	2	150	3	3	60	354
	6	01/10/2002	10:48	1384 639	SFN	A3	Run	Cobble	None	2	10.1	999	4879	3	200	3	3	60	354
<b>ES0415</b>																			
	1	28/08/2002	17:20	1212 654	SFC	E2	Run	Gravel	L+B	2	11.5	999	3750	2	140	3	3	60	354
	2	05/09/2002	16:51	1212 605	SFC	E2	Run	Gravel	L+B	2	11.7	50	4563	2	170	2	3	60	354
	3	15/09/2002	15:10	1212 714	SFC	E2	Run	Gravel	L+B	2	12.0	999	4940	2	170	3	3	60	354
	4	23/09/2002	11:45	1212 588	SFC	E2	Run	Gravel	L+B	2	10.0	110	4698	2	160	2	3	60	354
	5	27/09/2002	10:32	1212 566	SFC	E2	Run	Gravel	L+B	2	10.6	999	4852	2	150	3	3	60	354
	6	01/10/2002	11:12	1212 553	SFC	E2	Run	Gravel	L+B	2	10.1	999	4879	2	200	3	3	60	354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**Appendix B Table B1. Boat electrofishing sampling conditions during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area Site Label Run	Date and Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Temp. (C)	Clarity (cm)	Water		Light (1-4)	Electrofisher		
											Level (mm)	Vel. (1-4)		Cond. (us/cm)	A	Hz
Section 4																
ES0416																
1	28/08/2002	1045 608	SFN	A3	Run	Cobble	None	1	11.5	999	3629	2	140	3	3	60 354
2	05/09/2002	1045 513	SFN	A3	Run	Cobble	None	1	11.7	50	4612	2	170	2	3	60 354
3	15/09/2002	1045 695	SFN	A3	Run	Cobble	None	1	12.0	999	4741	2	170	1	3	60 354
4	23/09/2002	1045 512	SFN	A3	Run	Cobble	None	1	10.0	110	4683	3	160	3	3	60 354
5	27/09/2002	1045 532	SFN	A3	Run	Cobble	None	1	10.6	999	4856	3	150	3	3	60 354
6	01/10/2002	1045 498	SFN	A3	Run	Cobble	None	1	10.1	999	4885	3	200	3	3	60 354

See Report Section 2.0 for definitions; Water clarity value of 999 represents >220 cm; Dominant Cover R - rock, L - Large woody debris, B - bank irregularity.

**APPENDIX C**  
**Biological Characteristics**

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0101	1	61	Bull trout	274	212			0	Yellow	2027
ES0101	1	2	Longnose sucker	383	720			0		
ES0101	1	11	Mountain whitefish	231	146	Scale		0		
ES0101	1	19	Mountain whitefish	246	162	Scale		0		
ES0101	1	18	Mountain whitefish	327	394	Scale	6	0	Yellow	2007
ES0101	1	17	Mountain whitefish	300	298	Scale		0	Yellow	2006
ES0101	1	16	Mountain whitefish	233	130	Scale		0		
ES0101	1	26	Mountain whitefish	339	378	Scale		0		
ES0101	1	14	Mountain whitefish	300	354	Scale		0		
ES0101	1	6	Mountain whitefish	250	166	Scale		0	Yellow	2002
ES0101	1	12	Mountain whitefish	205	94	Scale		0		
ES0101	1	23	Mountain whitefish	292	264	Scale		2	Yellow	34
ES0101	1	10	Mountain whitefish	268	232	Scale		0	Yellow	2004
ES0101	1	9	Mountain whitefish	319	330	Scale		0	Yellow	2003
ES0101	1	8	Mountain whitefish	237	115	Scale		0		
ES0101	1	7	Mountain whitefish	236	138	Scale		0		
ES0101	1	27	Mountain whitefish	239	150	Scale		0		
ES0101	1	56	Mountain whitefish	272	244	Scale		0	Yellow	2025
ES0101	1	64	Mountain whitefish	237	142	Scale		0		
ES0101	1	65	Mountain whitefish	250	162	Scale		0	Yellow	2029
ES0101	1	63	Mountain whitefish	333	420	Scale		0		
ES0101	1	62	Mountain whitefish	320	382	Scale		0	Yellow	2028
ES0101	1	59	Mountain whitefish	333	396	Scale		0	Yellow	2008
ES0101	1	20	Mountain whitefish	231	124	Scale		0		
ES0101	1	57	Mountain whitefish	237	148	Scale		0		
ES0101	1	1	Mountain whitefish	236	136	Scale		0		
ES0101	1	55	Mountain whitefish	252	180	Scale		0	Yellow	2024
ES0101	1	54	Mountain whitefish	240	154	Scale		0		
ES0101	1	66	Mountain whitefish	300	264	Scale	5	0		
ES0101	1	51	Mountain whitefish	245	168	Scale	3	0		
ES0101	1	13	Mountain whitefish	277	228	Scale	4	0	Yellow	2005
ES0101	1	21	Mountain whitefish	280	272	Scale		0		
ES0101	1	58	Mountain whitefish	292	294	Scale		0	Yellow	2020
ES0101	1	31	Mountain whitefish	322	346	Scale		2	Yellow	994
ES0101	1	52	Mountain whitefish	348	452	Scale		0	Yellow	2022
ES0101	1	38	Mountain whitefish	224	128	Scale		0		
ES0101	1	37	Mountain whitefish	231	154	Scale		0		
ES0101	1	36	Mountain whitefish	244	138	Scale		0		
ES0101	1	35	Mountain whitefish	325	396	Scale		0	Yellow	2012
ES0101	1	40	Mountain whitefish	258	180	Scale		0	Yellow	2013
ES0101	1	33	Mountain whitefish	272	232	Scale		0	Yellow	2010
ES0101	1	34	Mountain whitefish	335	408	Scale		0	Yellow	2011
ES0101	1	30	Mountain whitefish	205	88	Scale		0		
ES0101	1	29	Mountain whitefish	250	170	Scale		0		
ES0101	1	28	Mountain whitefish	244	152	Scale		0		
ES0101	1	41	Mountain whitefish	250	166	Scale		0	Yellow	2014
ES0101	1	5	Mountain whitefish	254	194	Scale		0	Yellow	2001
ES0101	1	53	Mountain whitefish	313	340	Scale		0	Yellow	2023
ES0101	1	22	Mountain whitefish	307	288	Scale		2	Yellow	941
ES0101	1	15	Mountain whitefish	327	408	Scale		0		
ES0101	1	4	Mountain whitefish	245	150	Scale		0		
ES0101	1	32	Mountain whitefish	244	162	Scale		0		
ES0101	1	3	Mountain whitefish	243	150	Scale		0		
ES0101	1	25	Mountain whitefish	269	242	Scale		0	Yellow	2009
ES0101	1	39	Mountain whitefish	235	150	Scale		0		
ES0101	1	24	Mountain whitefish	314	326	Scale		2	Yellow	26
ES0101	1	50	Mountain whitefish	240	166	Scale		0		
ES0101	1	49	Mountain whitefish	357	428	Scale		0	Yellow	2021
ES0101	1	43	Mountain whitefish	349	398	Scale		0	Yellow	2015
ES0101	1	42	Mountain whitefish	240	154	Scale		0		
ES0101	1	44	Mountain whitefish	295	292	Scale		0	Yellow	2016
ES0101	1	45	Mountain whitefish	360	468	Scale		0	Yellow	2017
ES0101	1	46	Mountain whitefish	267	212	Scale		0	Yellow	2018
ES0101	1	47	Mountain whitefish	255	186	Scale		0		
ES0101	1	48	Mountain whitefish	275	212	Scale		0	Yellow	2019
ES0101	1	60	Rainbow trout	262	208			0		
ES0101	2	2699	Mountain whitefish	320	372	Scale		0	Yellow	3727
ES0101	2	2704	Mountain whitefish	325	416	Scale		0	Yellow	3732
ES0101	2	2689	Mountain whitefish	330	390	Scale		0	Yellow	3720

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0101	2	2690	Mountain whitefish	346	420	Scale		0		
ES0101	2	2691	Mountain whitefish	371	462	Scale		0	Yellow	3722
ES0101	2	2692	Mountain whitefish	305	306	Scale		0		
ES0101	2	2693	Mountain whitefish	314		Scale	6	0	Yellow	3723
ES0101	2	2688	Mountain whitefish	342	408	Scale		0	Yellow	3719
ES0101	2	2695	Mountain whitefish	322	328	Scale		0	Yellow	3725
ES0101	2	2721	Mountain whitefish	312	388	Scale	6	0	Yellow	3746
ES0101	2	2701	Mountain whitefish	325	420	Scale		0	Yellow	3729
ES0101	2	2698	Mountain whitefish	311	296	Scale		0	Yellow	3726
ES0101	2	2696	Mountain whitefish	316	364	Scale		0	Yellow	3721
ES0101	2	2700	Mountain whitefish	338	412	Scale		0	Yellow	3728
ES0101	2	2702	Mountain whitefish	343	422	Scale		0	Yellow	3730
ES0101	2	2697	Mountain whitefish	246	156	Scale		0		
ES0101	2	2703	Mountain whitefish	332	402	Scale		0	Yellow	3731
ES0101	2	2694	Mountain whitefish	334	404	Scale		0	Yellow	3724
ES0101	2	2720	Mountain whitefish	325	386	Scale		0	Yellow	3745
ES0101	2	2706	Mountain whitefish	248	174	Scale		0		
ES0101	2	2707	Mountain whitefish	339	472	Scale		0	Yellow	3734
ES0101	2	2708	Mountain whitefish	311	326	Scale		0	Yellow	3735
ES0101	2	2709	Mountain whitefish	318	352	Scale		0	Yellow	3736
ES0101	2	2705	Mountain whitefish	330	392	Scale		0	Yellow	3733
ES0101	2	2712	Mountain whitefish	314	318	Scale		0	Yellow	3738
ES0101	2	2711	Mountain whitefish	311		Scale		2	Yellow	13
ES0101	2	2714	Mountain whitefish	385	666	Scale		0	Yellow	3740
ES0101	2	2715	Mountain whitefish	312	334	Scale		0	Yellow	3741
ES0101	2	2716	Mountain whitefish	325	317	Scale		0		
ES0101	2	2717	Mountain whitefish	339	422	Scale		0	Yellow	3742
ES0101	2	2718	Mountain whitefish	324	354	Scale		0	Yellow	3743
ES0101	2	2687	Mountain whitefish	343	448	Scale		0	Yellow	3718
ES0101	2	2710	Mountain whitefish	275	260	Scale		0	Yellow	3737
ES0101	2	2736	Mountain whitefish	234	150	Scale		0		
ES0101	2	2728	Mountain whitefish	331	368	Scale		0	Yellow	3752
ES0101	2	2729	Mountain whitefish	319	328	Scale		0	Yellow	3753
ES0101	2	2740	Mountain whitefish	274	232	Scale		0	Yellow	3760
ES0101	2	2731	Mountain whitefish	302	354	Scale		0	Yellow	3754
ES0101	2	2739	Mountain whitefish	279	216	Scale		0	Yellow	3759
ES0101	2	2733	Mountain whitefish	228	130	Scale		0		
ES0101	2	2727	Mountain whitefish	332	410	Scale		0	Yellow	3751
ES0101	2	2735	Mountain whitefish	322	356	Scale		0	Yellow	3756
ES0101	2	2732	Mountain whitefish	314	304	Scale		0	Yellow	3755
ES0101	2	2737	Mountain whitefish	250	168	Scale		0	Yellow	3757
ES0101	2	2725	Mountain whitefish	248	182	Scale		0		
ES0101	2	2730	Mountain whitefish	320	388	Scale		0		
ES0101	2	2713	Mountain whitefish	317	386	Scale		0	Yellow	3739
ES0101	2	2686	Mountain whitefish	302	338	Scale		0	Yellow	3717
ES0101	2	2722	Mountain whitefish	349	390	Scale		0	Yellow	3747
ES0101	2	2734	Mountain whitefish	220	122	Scale		0		
ES0101	2	2738	Mountain whitefish	330	396	Scale		0	Yellow	3758
ES0101	2	2741	Mountain whitefish	339	362	Scale		0	Yellow	3761
ES0101	2	2742	Mountain whitefish	276	234	Scale		0	Yellow	3762
ES0101	2	2743	Mountain whitefish	329	412	Scale		0	Yellow	3763
ES0101	2	2744	Mountain whitefish	305	272	Scale		0	Yellow	3764
ES0101	2	2745	Mountain whitefish	241	148	Scale		0		
ES0101	2	2746	Mountain whitefish	296	272	Scale		0	Yellow	3765
ES0101	2	2726	Mountain whitefish	360	488	Scale		0	Yellow	3750
ES0101	2	2748	Mountain whitefish	242	158	Scale	2	0		
ES0101	2	2723	Mountain whitefish	342	494	Scale		0	Yellow	3748
ES0101	2	2750	Mountain whitefish	272	222	Scale		0	Yellow	3768
ES0101	2	2751	Mountain whitefish	325	342	Scale		0	Yellow	3769
ES0101	2	2752	Mountain whitefish	295	272	Scale		0	Yellow	3770
ES0101	2	2753	Mountain whitefish	237	152	Scale		0		
ES0101	2	2754	Mountain whitefish	315	394	Scale		0	Yellow	3771
ES0101	2	2747	Mountain whitefish	284	260	Scale		0	Yellow	3766
ES0101	2	2749	Mountain whitefish	324	360	Scale		0	Yellow	3767
ES0101	2	2719	Mountain whitefish	313	344	Scale		0	Yellow	3744
ES0101	2	2724	Mountain whitefish	337	408	Scale		0	Yellow	3749
ES0101	3	4694	Longnose sucker	380	654			0		
ES0101	3	4693	Longnose sucker	376	622			0		
ES0101	3	4695	Longnose sucker	391	770			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0101	3	4662	Mountain whitefish	356	486	Scale		0	Yellow	4902
ES0101	3	4654	Mountain whitefish	314	334	Scale		4	Yellow	4897
ES0101	3	4655	Mountain whitefish	283	270	Scale		0	Yellow	4900
ES0101	3	4656	Mountain whitefish	310	328	Scale		0	Yellow	4899
ES0101	3	4657	Mountain whitefish	283	264	Scale		0	Yellow	4893
ES0101	3	4668	Mountain whitefish	335	370	Scale		0	Yellow	4908
ES0101	3	4659	Mountain whitefish	326	392	Scale		0	Yellow	4898
ES0101	3	4635	Mountain whitefish	307	302	Scale		0	Yellow	4882
ES0101	3	4661	Mountain whitefish	348	480	Scale		0	Yellow	4896
ES0101	3	4651	Mountain whitefish	241	138	Scale		0		
ES0101	3	4663	Mountain whitefish	332	440	Scale		0	Yellow	4903
ES0101	3	4664	Mountain whitefish	333	450	Scale	6	0	Yellow	4904
ES0101	3	4665	Mountain whitefish	300	300	Scale		0	Yellow	4905
ES0101	3	4666	Mountain whitefish	326	396	Scale		0	Yellow	4906
ES0101	3	4644	Mountain whitefish	342	466	Scale	7	0	Yellow	4887
ES0101	3	4658	Mountain whitefish	349	394	Scale		0	Yellow	4894
ES0101	3	4641	Mountain whitefish	239	146	Scale		0		
ES0101	3	4632	Mountain whitefish	324	386	Scale		0	Yellow	4879
ES0101	3	4633	Mountain whitefish	320	350	Scale		0	Yellow	4881
ES0101	3	4634	Mountain whitefish	326	452	Scale		0		
ES0101	3	4648	Mountain whitefish	314	368	Scale		0	Yellow	4886
ES0101	3	4719	Mountain whitefish	275	222	Scale		0	Yellow	4942
ES0101	3	4716	Mountain whitefish	262	186	Scale		5	Yellow	4940
ES0101	3	4707	Mountain whitefish	321	384	Scale		0	Yellow	4932
ES0101	3	4708	Mountain whitefish	259	206	Scale		0	Yellow	4933
ES0101	3	4709	Mountain whitefish	331	350	Scale		0	Yellow	4934
ES0101	3	4711	Mountain whitefish	282	256	Scale		0	Yellow	4936
ES0101	3	4713	Mountain whitefish	270	196	Scale		0	Yellow	4937
ES0101	3	4712	Mountain whitefish	247	160	Scale	4	0		
ES0101	3	4715	Mountain whitefish	354	178	Scale		5	Yellow	4939
ES0101	3	4724	Mountain whitefish	226	110	Scale		0		
ES0101	3	4653	Mountain whitefish	321	404	Scale		0	Yellow	4891
ES0101	3	4718	Mountain whitefish	254	160	Scale		0	Yellow	4941
ES0101	3	4652	Mountain whitefish	321	416	Scale		0		
ES0101	3	4720	Mountain whitefish	301	332	Scale		0	Yellow	4943
ES0101	3	4721	Mountain whitefish	272	228	Scale		0	Yellow	4944
ES0101	3	4722	Mountain whitefish	239	150	Scale		0		
ES0101	3	4723	Mountain whitefish	319	300	Scale		0	Yellow	4945
ES0101	3	4714	Mountain whitefish	287	278	Scale		0	Yellow	4938
ES0101	3	4706	Mountain whitefish	285	238	Scale		0	Yellow	4931
ES0101	3	4642	Mountain whitefish	343	446	Scale		0	Yellow	4880
ES0101	3	4660	Mountain whitefish	305	318	Scale		0	Yellow	4895
ES0101	3	4638	Mountain whitefish	321	340	Scale		0	Yellow	4884
ES0101	3	4717	Mountain whitefish	251	196	Scale		0		
ES0101	3	4675	Mountain whitefish	305	284	Scale	4	0	Yellow	4913
ES0101	3	4701	Mountain whitefish	243	178	Scale		0		
ES0101	3	4702	Mountain whitefish	254	198	Scale		0	Yellow	4927
ES0101	3	4703	Mountain whitefish	313	330	Scale		0	Yellow	4928
ES0101	3	4704	Mountain whitefish	279	250	Scale		0	Yellow	4930
ES0101	3	4679	Mountain whitefish	330	378	Scale		0	Yellow	4916
ES0101	3	4670	Mountain whitefish	333	420	Scale		0	Yellow	4910
ES0101	3	4671	Mountain whitefish	243	154	Scale		0		
ES0101	3	4672	Mountain whitefish	288	260	Scale		0	Yellow	4911
ES0101	3	4636	Mountain whitefish	412	750	Scale		0	Yellow	4883
ES0101	3	4674	Mountain whitefish	307	374	Scale		0		
ES0101	3	4698	Mountain whitefish	324	428	Scale		0	Yellow	4901
ES0101	3	4688	Mountain whitefish	216	102	Scale		0		
ES0101	3	4705	Mountain whitefish	247	154	Scale		0		
ES0101	3	4680	Mountain whitefish	250	170	Scale		5	Yellow	4917
ES0101	3	4681	Mountain whitefish	248	166	Scale		0		
ES0101	3	4682	Mountain whitefish	330	430	Scale		0		
ES0101	3	4683	Mountain whitefish	257	176	Scale		0	Yellow	4918
ES0101	3	4684	Mountain whitefish	330	430	Scale		0	Yellow	4919
ES0101	3	4685	Mountain whitefish	304	300	Scale		0	Yellow	4920
ES0101	3	4677	Mountain whitefish	276	222	Scale		0	Yellow	4915
ES0101	3	4673	Mountain whitefish	352	540	Scale		0	Yellow	4912
ES0101	3	4697	Mountain whitefish	268	204	Scale		0	Yellow	4925
ES0101	3	4637	Mountain whitefish	320	382	Scale		0		
ES0101	3	4676	Mountain whitefish	275	240	Scale		0	Yellow	4914

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0101	3	4650	Mountain whitefish	325	386	Scale		0	Yellow	4892
ES0101	3	4640	Mountain whitefish	306	270	Scale		0		
ES0101	3	4649	Mountain whitefish	293	282	Scale		0	Yellow	4890
ES0101	3	4643	Mountain whitefish	290	300	Scale		0	Yellow	4889
ES0101	3	4645	Mountain whitefish	324	386	Scale		0		
ES0101	3	4646	Mountain whitefish	368	466	Scale		0	Yellow	4888
ES0101	3	4647	Mountain whitefish	315	394	Scale	5	0		
ES0101	3	4700	Mountain whitefish	351	530	Scale		0	Yellow	4926
ES0101	3	4639	Mountain whitefish	348	490	Scale		0	Yellow	4885
ES0101	3	4699	Mountain whitefish	233	128	Scale		0		
ES0101	3	4667	Mountain whitefish	353	474	Scale		0	Yellow	4907
ES0101	3	4689	Mountain whitefish	320	338	Scale		0	Yellow	4923
ES0101	3	4690	Mountain whitefish	240	152	Scale		0		
ES0101	3	4691	Mountain whitefish	260	188	Scale		0	Yellow	4924
ES0101	3	4692	Mountain whitefish	237	150	Scale		0		
ES0101	3	4687	Mountain whitefish	263	204	Scale		0	Yellow	4922
ES0101	3	4696	Mountain whitefish	324	426	Scale		0		
ES0101	3	4686	Mountain whitefish	295	284	Scale		0	Yellow	4921
ES0101	3	4710	Mountain whitefish	323	334	Scale		0	Yellow	4935
ES0101	3	4669	Mountain whitefish	354	466	Scale		0	Yellow	4909
ES0101	3	4678	Mountain whitefish	244	146	Scale		0		
ES0101	4	7908	Mountain whitefish	276	254	Scale		0	Yellow	6896
ES0101	4	7878	Mountain whitefish	330	386	Scale		0	Yellow	6869
ES0101	4	7914	Mountain whitefish	239	140	Scale		0		
ES0101	4	7909	Mountain whitefish	272	228	Scale		0	Yellow	6897
ES0101	4	7905	Mountain whitefish	310	264	Scale		0	Yellow	6894
ES0101	4	7918	Mountain whitefish	198	88	Scale		0		
ES0101	4	7916	Mountain whitefish	226	114	Scale		0		
ES0101	4	7904	Mountain whitefish	333	380	Scale		0	Yellow	6893
ES0101	4	7906	Mountain whitefish	334	296	Scale		0	Yellow	6895
ES0101	4	7901	Mountain whitefish	342	484	Scale		0	Yellow	6890
ES0101	4	7866	Mountain whitefish	313	432	Scale		2	Yellow	4929
ES0101	4	7919	Mountain whitefish	247	162	Scale		0		
ES0101	4	7872	Mountain whitefish	261	198	Scale		0	Yellow	6865
ES0101	4	7880	Mountain whitefish	317	410	Scale		0		
ES0101	4	7879	Mountain whitefish	375	496	Scale		0	Yellow	6870
ES0101	4	7903	Mountain whitefish	323		Scale		0	Yellow	6892
ES0101	4	7855	Mountain whitefish	356	520	Scale		0	Yellow	6851
ES0101	4	7857	Mountain whitefish	338	420	Scale		0	Yellow	6853
ES0101	4	7856	Mountain whitefish	322	486	Scale		0	Yellow	6852
ES0101	4	7858	Mountain whitefish	306	306	Scale		0	Yellow	6854
ES0101	4	7859	Mountain whitefish	285	272	Scale		0	Yellow	6855
ES0101	4	7860	Mountain whitefish	281		Scale		2	Yellow	4900
ES0101	4	7917	Mountain whitefish	245	170	Scale		0		
ES0101	4	7861	Mountain whitefish	320	430	Scale		0	Yellow	6856
ES0101	4	7907	Mountain whitefish	234	114	Scale		0		
ES0101	4	7863	Mountain whitefish	350	338	Scale		0	Yellow	6858
ES0101	4	7902	Mountain whitefish	328	360	Scale		0	Yellow	6891
ES0101	4	7912	Mountain whitefish	289	288	Scale		0	Yellow	6899
ES0101	4	7913	Mountain whitefish	335	416	Scale		0	Yellow	6900
ES0101	4	7911	Mountain whitefish	262	202	Scale		0	Yellow	6898
ES0101	4	7915	Mountain whitefish	246	152	Scale		0		
ES0101	4	7862	Mountain whitefish	319	306	Scale		0	Yellow	6857
ES0101	4	7910	Mountain whitefish	289	220	Scale		0		
ES0101	4	7896	Mountain whitefish	343	402	Scale		0	Yellow	6885
ES0101	4	7895	Mountain whitefish	311	394	Scale		0	Yellow	6884
ES0101	4	7893	Mountain whitefish	329	338	Scale		0	Yellow	6882
ES0101	4	7891	Mountain whitefish	341	452	Scale		0	Yellow	6880
ES0101	4	7882	Mountain whitefish	323	340	Scale		0	Yellow	6872
ES0101	4	7889	Mountain whitefish	331	374	Scale		0	Yellow	6878
ES0101	4	7897	Mountain whitefish	327	404	Scale	6	0	Yellow	6886
ES0101	4	7892	Mountain whitefish	332	422	Scale		0	Yellow	6881
ES0101	4	7894	Mountain whitefish	285	246	Scale		0	Yellow	6883
ES0101	4	7900	Mountain whitefish	312	298	Scale		0	Yellow	6889
ES0101	4	7884	Mountain whitefish	343	438	Scale		0	Yellow	6874
ES0101	4	7885	Mountain whitefish	314	340	Scale		0	Yellow	6875
ES0101	4	7886	Mountain whitefish	367	460	Scale		0	Yellow	6876
ES0101	4	7887	Mountain whitefish	331	438	Scale		0		
ES0101	4	7888	Mountain whitefish	317	380	Scale		0	Yellow	6877



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0101	4	7877	Mountain whitefish	315	388	Scale		0		
ES0101	4	7867	Mountain whitefish	334		Scale		0	Yellow	6860
ES0101	4	7875	Mountain whitefish	293	292	Scale		0	Yellow	6868
ES0101	4	7868	Mountain whitefish	328	466	Scale		0	Yellow	6861
ES0101	4	7873	Mountain whitefish	328	354	Scale		0	Yellow	6866
ES0101	4	7883	Mountain whitefish	263	208	Scale		0	Yellow	6873
ES0101	4	7871	Mountain whitefish	343	438	Scale	6	0	Yellow	6864
ES0101	4	7870	Mountain whitefish	330	356	Scale		0	Yellow	6863
ES0101	4	7881	Mountain whitefish	313	382	Scale	6	0	Yellow	6871
ES0101	4	7869	Mountain whitefish	304		Scale		0	Yellow	6862
ES0101	4	7898	Mountain whitefish	338	456	Scale		0	Yellow	6887
ES0101	4	7865	Mountain whitefish	309	304	Scale		0		
ES0101	4	7874	Mountain whitefish	318	342	Scale		0	Yellow	6867
ES0101	4	7890	Mountain whitefish	334	470	Scale		0	Yellow	6879
ES0101	4	7899	Mountain whitefish	315	346	Scale		0	Yellow	6888
ES0101	4	7864	Mountain whitefish	343	428	Scale		0	Yellow	6859
ES0101	4	7876	Rainbow trout	323	342			0		
ES0101	5	9688	Mountain whitefish	297				2	Yellow	984
ES0101	5	9687	Mountain whitefish	318				2	Yellow	3753
ES0101	5	9684	Mountain whitefish	318				2	Yellow	6818
ES0101	5	9683	Mountain whitefish	329				2	Yellow	3733
ES0101	5	9682	Mountain whitefish	275				2	Yellow	6855
ES0101	5	9681	Mountain whitefish	282				2	Yellow	6897
ES0101	5	9686	Mountain whitefish	322				2	Yellow	3725
ES0101	5	9685	Mountain whitefish	270				2	Yellow	2018
ES0101	6	11336	Mountain whitefish	334				2	Yellow	6856
ES0101	6	11337	Mountain whitefish	332				2	Yellow	6880
ES0101	6	11339	Mountain whitefish	325				2	Yellow	4901
ES0101	6	11340	Mountain whitefish	330				2	Yellow	3724
ES0101	6	11338	Mountain whitefish	330				2	Yellow	6882
ES0102	1	502	Longnose sucker	424	938			0		
ES0102	1	514	Mountain whitefish	307	280	Scale		0	Yellow	2302
ES0102	1	497	Mountain whitefish	243	158	Scale		0		
ES0102	1	507	Mountain whitefish	291	264	Scale		0	Yellow	2296
ES0102	1	506	Mountain whitefish	356	496	Scale		0	Yellow	2295
ES0102	1	509	Mountain whitefish	237	148	Scale		0		
ES0102	1	510	Mountain whitefish	332	366	Scale		0	Yellow	2298
ES0102	1	511	Mountain whitefish	312	334	Scale		0	Yellow	2299
ES0102	1	515	Mountain whitefish	261	192	Scale		0	Yellow	2303
ES0102	1	513	Mountain whitefish	288	218	Scale		0	Yellow	2301
ES0102	1	503	Mountain whitefish	237	164	Scale		0		
ES0102	1	495	Mountain whitefish	259	190	Scale		0	Yellow	2289
ES0102	1	498	Mountain whitefish	262	208	Scale		0	Yellow	2291
ES0102	1	496	Mountain whitefish	335	394	Scale		0	Yellow	2290
ES0102	1	523	Mountain whitefish	235	138	Scale		0		
ES0102	1	512	Mountain whitefish	247	164	Scale		0		
ES0102	1	519	Mountain whitefish	247	156	Scale		0		
ES0102	1	504	Mountain whitefish	283	248	Scale		0	Yellow	2294
ES0102	1	499	Mountain whitefish	224	138	Scale		0		
ES0102	1	494	Mountain whitefish	337	404	Scale		0	Yellow	2288
ES0102	1	500	Mountain whitefish	397	584	Scale		0	Yellow	2292
ES0102	1	501	Mountain whitefish	342	454	Scale		0	Yellow	2293
ES0102	1	508	Mountain whitefish	327	392	Scale		0	Yellow	2297
ES0102	1	505	Mountain whitefish	348				2	Yellow	2015
ES0102	1	522	Mountain whitefish	237	136	Scale		0		
ES0102	1	468	Mountain whitefish	380	588	Scale		0	Yellow	2270
ES0102	1	521	Mountain whitefish	255	166	Scale		0	Yellow	2307
ES0102	1	516	Mountain whitefish	370	528	Scale		0	Yellow	2304
ES0102	1	520	Mountain whitefish	230	134	Scale		0		
ES0102	1	517	Mountain whitefish	274	202	Scale		0	Yellow	2305
ES0102	1	518	Mountain whitefish	252	170	Scale		0	Yellow	2306
ES0102	1	525	Mountain whitefish	277	236	Scale		0	Yellow	2309
ES0102	1	524	Mountain whitefish	315	352	Scale		0	Yellow	2308
ES0102	1	467	Mountain whitefish	327	366	Scale		0	Yellow	2269
ES0102	1	463	Mountain whitefish	332	390	Scale		0	Yellow	2265
ES0102	1	460	Mountain whitefish	312	328	Scale		0	Yellow	2263
ES0102	1	474	Mountain whitefish	297	296	Scale		0	Yellow	2273
ES0102	1	462	Mountain whitefish	331	448	Scale		0	Yellow	2264
ES0102	1	473	Mountain whitefish	324	306	Scale		0	Yellow	2272

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 1											
ES0102	1	492	Mountain whitefish	236	136	Scale		0			
ES0102	1	465	Mountain whitefish	348	432	Scale		0	Yellow	2267	
ES0102	1	491	Mountain whitefish	326	330	Scale		0	Yellow	2286	
ES0102	1	469	Mountain whitefish	314	360	Scale		0			
ES0102	1	470	Mountain whitefish	313	566	Scale		0			
ES0102	1	471	Mountain whitefish	289	276	Scale		0			
ES0102	1	493	Mountain whitefish	290	280	Scale		0	Yellow	2287	
ES0102	1	461	Mountain whitefish	307	374	Scale		0			
ES0102	1	466	Mountain whitefish	333	366	Scale		0	Yellow	2268	
ES0102	1	464	Mountain whitefish	335	416	Scale		0	Yellow	2266	
ES0102	1	482	Mountain whitefish	340	396	Scale		0	Yellow	2279	
ES0102	1	485	Mountain whitefish	296	294	Scale		0	Yellow	2281	
ES0102	1	475	Mountain whitefish	339	390	Scale		0	Yellow	2274	
ES0102	1	476	Mountain whitefish	277	258	Scale		0	Yellow	2275	
ES0102	1	477	Mountain whitefish	327	474	Scale		0			
ES0102	1	478	Mountain whitefish	251	178	Scale		0	Yellow	2276	
ES0102	1	479	Mountain whitefish	241	160	Scale		0			
ES0102	1	483	Mountain whitefish	241	156	Scale		0			
ES0102	1	481	Mountain whitefish	337	408	Scale		0	Yellow	2278	
ES0102	1	490	Mountain whitefish	331	406	Scale	6	0	Yellow	2285	
ES0102	1	484	Mountain whitefish	302	272	Scale		0	Yellow	2280	
ES0102	1	472	Mountain whitefish	337	376	Scale		0	Yellow	2271	
ES0102	1	486	Mountain whitefish	277	228	Scale		0	Yellow	2282	
ES0102	1	487	Mountain whitefish	351	294	Scale		0	Yellow	2283	
ES0102	1	488	Mountain whitefish	243	150	Scale		0			
ES0102	1	489	Mountain whitefish	320	344	Scale		0	Yellow	2284	
ES0102	1	480	Mountain whitefish	361	446	Scale		0	Yellow	2277	
ES0102	2	2685	Bull trout	290	240	Fin Ray		3	0	Yellow	3716
ES0102	2	2645	Longnose sucker	427	832			0			
ES0102	2	2658	Longnose sucker	400	842			0			
ES0102	2	2629	Mountain whitefish	326	440	Scale		0	Yellow	3668	
ES0102	2	2635	Mountain whitefish	303	330	Scale		0	Yellow	3673	
ES0102	2	2626	Mountain whitefish	300	396	Scale		0			
ES0102	2	2628	Mountain whitefish	354	484	Scale		0	Yellow	3667	
ES0102	2	2630	Mountain whitefish	335	418	Scale		0	Yellow	3669	
ES0102	2	2627	Mountain whitefish	324	382	Scale		0	Yellow	3666	
ES0102	2	2647	Mountain whitefish	308	406	Scale		0			
ES0102	2	2652	Mountain whitefish	334	394	Scale		0	Yellow	3686	
ES0102	2	2637	Mountain whitefish	253	208	Scale		0	Yellow	3674	
ES0102	2	2638	Mountain whitefish	306	350	Scale		0	Yellow	3675	
ES0102	2	2639	Mountain whitefish	307	316	Scale		0	Yellow	3676	
ES0102	2	2640	Mountain whitefish	322	336	Scale		0	Yellow	3677	
ES0102	2	2641	Mountain whitefish	318	338	Scale		0	Yellow	3678	
ES0102	2	2642	Mountain whitefish	280	228	Scale		0	Yellow	3679	
ES0102	2	2634	Mountain whitefish	343	450	Scale		0	Yellow	3672	
ES0102	2	2644	Mountain whitefish	343	412	Scale		0	Yellow	3681	
ES0102	2	2649	Mountain whitefish	320	358	Scale		0	Yellow	3684	
ES0102	2	2646	Mountain whitefish	337	406	Scale		0	Yellow	3682	
ES0102	2	2624	Mountain whitefish	321	364	Scale		0	Yellow	3664	
ES0102	2	2648	Mountain whitefish	332	436	Scale		0	Yellow	3683	
ES0102	2	2631	Mountain whitefish	302	336	Scale		0	Yellow	3670	
ES0102	2	2650	Mountain whitefish	334	416	Scale		0			
ES0102	2	2651	Mountain whitefish	318	406	Scale		0	Yellow	3685	
ES0102	2	2643	Mountain whitefish	268	210	Scale		0	Yellow	3680	
ES0102	2	2625	Mountain whitefish	285	264	Scale		0	Yellow	3665	
ES0102	2	2621	Mountain whitefish	357	464	Scale		0	Yellow	3662	
ES0102	2	2622	Mountain whitefish	342	315	Scale		0	Yellow	3663	
ES0102	2	2636	Mountain whitefish	317	410	Scale		0			
ES0102	2	2632	Mountain whitefish	315	368	Scale		0			
ES0102	2	2662	Mountain whitefish	320	392	Scale	5	0	Yellow	3694	
ES0102	2	2681	Mountain whitefish	342	492	Scale		0	Yellow	3712	
ES0102	2	2655	Mountain whitefish	372	318	Scale		0	Yellow	3689	
ES0102	2	2676	Mountain whitefish	329	390	Scale		0	Yellow	3707	
ES0102	2	2657	Mountain whitefish	319	334	Scale		0	Yellow	3691	
ES0102	2	2659	Mountain whitefish	292	276	Scale		0	Yellow	3692	
ES0102	2	2678	Mountain whitefish	326	308	Scale		0	Yellow	3709	
ES0102	2	2661	Mountain whitefish	304	352	Scale		0	Yellow	3693	
ES0102	2	2633	Mountain whitefish	327	420	Scale		0	Yellow	3671	
ES0102	2	2667	Mountain whitefish	305	244	Scale		0	Yellow	3699	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 1											
ES0102	2	2663	Mountain whitefish	305	304	Scale		0	Yellow	3695	
ES0102	2	2664	Mountain whitefish	323	442	Scale		0	Yellow	3696	
ES0102	2	2665	Mountain whitefish	334	398	Scale		0	Yellow	3697	
ES0102	2	2666	Mountain whitefish	330	370	Scale		0	Yellow	3698	
ES0102	2	2668	Mountain whitefish	256	172	Scale		0	Yellow	3700	
ES0102	2	2656	Mountain whitefish	324	414	Scale		0	Yellow	3690	
ES0102	2	2677	Mountain whitefish	318	316	Scale		0	Yellow	3708	
ES0102	2	2680	Mountain whitefish	317	296	Scale		0	Yellow	3711	
ES0102	2	2670	Mountain whitefish	241	154	Scale		0			
ES0102	2	2671	Mountain whitefish	293	276	Scale		0	Yellow	3702	
ES0102	2	2672	Mountain whitefish	303	312	Scale		0	Yellow	3703	
ES0102	2	2673	Mountain whitefish	287	222	Scale		0	Yellow	3704	
ES0102	2	2654	Mountain whitefish	340	444	Scale		0	Yellow	3688	
ES0102	2	2675	Mountain whitefish	305	274	Scale		0	Yellow	3706	
ES0102	2	2623	Mountain whitefish	357				2	Yellow	2272	
ES0102	2	2669	Mountain whitefish	320	368	Scale		0	Yellow	3701	
ES0102	2	2679	Mountain whitefish	346	486	Scale		0	Yellow	3710	
ES0102	2	2674	Mountain whitefish	284	292	Scale		0	Yellow	3705	
ES0102	2	2682	Mountain whitefish	317	384	Scale		0	Yellow	3713	
ES0102	2	2683	Mountain whitefish	318	308	Scale		0	Yellow	3714	
ES0102	2	2653	Mountain whitefish	313	394	Scale		0	Yellow	3687	
ES0102	2	2684	Mountain whitefish	303	268	Scale		0	Yellow	3715	
ES0102	2	2660	Mountain whitefish	339				2	Yellow	2279	
ES0102	3	4726	Longnose sucker	412	918			0			
ES0102	3	4725	Longnose sucker	396	756			0			
ES0102	3	4735	Mountain whitefish	347	408	Scale		0	Yellow	4951	
ES0102	3	4769	Mountain whitefish	264	208	Scale		0	Yellow	4978	
ES0102	3	4768	Mountain whitefish	320	392	Scale		0	Yellow	4977	
ES0102	3	4766	Mountain whitefish	239	152	Scale		0			
ES0102	3	4764	Mountain whitefish	266	244	Scale		0	Yellow	4975	
ES0102	3	4743	Mountain whitefish	279	254	Scale		0	Yellow	4959	
ES0102	3	4737	Mountain whitefish	347	462	Scale		0	Yellow	4953	
ES0102	3	4739	Mountain whitefish	284	218	Scale		0	Yellow	4955	
ES0102	3	4741	Mountain whitefish	323	340	Scale		0	Yellow	4957	
ES0102	3	4740	Mountain whitefish	285	242	Scale		0	Yellow	4956	
ES0102	3	4733	Mountain whitefish	364	494	Scale		0	Yellow	4950	
ES0102	3	4770	Mountain whitefish	221	114	Scale		0			
ES0102	3	4736	Mountain whitefish	327	336	Scale		0	Yellow	4952	
ES0102	3	4767	Mountain whitefish	246	196	Scale		0			
ES0102	3	4731	Mountain whitefish	331	436			2	Yellow	2293	
ES0102	3	4738	Mountain whitefish	320	362	Scale		5	0	Yellow	4954
ES0102	3	4727	Mountain whitefish	279	244	Scale		0	Yellow	4946	
ES0102	3	4734	Mountain whitefish	317	352	Scale		5	0		
ES0102	3	4729	Mountain whitefish	307	306	Scale		0	Yellow	4948	
ES0102	3	4728	Mountain whitefish	360	488	Scale		0	Yellow	4947	
ES0102	3	4730	Mountain whitefish	345	340	Scale		0	Yellow	4949	
ES0102	3	4732	Mountain whitefish	316	392	Scale		0			
ES0102	3	4747	Mountain whitefish	340	444	Scale		0			
ES0102	3	4742	Mountain whitefish	315	372	Scale		0	Yellow	4958	
ES0102	3	4762	Mountain whitefish	257	204	Scale		0	Yellow	4973	
ES0102	3	4761	Mountain whitefish	273	204	Scale		0	Yellow	4972	
ES0102	3	4760	Mountain whitefish	240	166	Scale		0			
ES0102	3	4765	Mountain whitefish	305	312	Scale		0	Yellow	4976	
ES0102	3	4759	Mountain whitefish	303	308	Scale		5	0	Yellow	4971
ES0102	3	4758	Mountain whitefish	323	306	Scale		0	Yellow	4970	
ES0102	3	4757	Mountain whitefish	258	182	Scale		0	Yellow	4969	
ES0102	3	4752	Mountain whitefish	309	288	Scale		0	Yellow	4965	
ES0102	3	4755	Mountain whitefish	315	396	Scale		0	Yellow	4968	
ES0102	3	4744	Mountain whitefish	321	352	Scale		0	Yellow	4960	
ES0102	3	4753	Mountain whitefish	280	248	Scale		0	Yellow	4966	
ES0102	3	4763	Mountain whitefish	318	378	Scale		0	Yellow	4974	
ES0102	3	4751	Mountain whitefish	224	134	Scale		3	0		
ES0102	3	4750	Mountain whitefish	314	242	Scale		0	Yellow	4964	
ES0102	3	4749	Mountain whitefish	306	360	Scale		0	Yellow	4963	
ES0102	3	4748	Mountain whitefish	243	162	Scale		0			
ES0102	3	4756	Mountain whitefish	230	130	Scale		0			
ES0102	3	4746	Mountain whitefish	340	348	Scale		0	Yellow	4962	
ES0102	3	4745	Mountain whitefish	330	318	Scale		0	Yellow	4961	
ES0102	3	4754	Mountain whitefish	324	352	Scale		0	Yellow	4967	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0102	3	4771	Mountain whitefish	260	196	Scale		0	Yellow	4980
ES0102	4	7804	Mountain whitefish	261		Scale		0	Yellow	6805
ES0102	4	7805	Mountain whitefish	271		Scale		0	Yellow	6806
ES0102	4	7801	Mountain whitefish	331		Scale		0	Yellow	6802
ES0102	4	7825	Mountain whitefish	347		Scale		0	Yellow	6825
ES0102	4	7846	Mountain whitefish	345		Scale		0	Yellow	6844
ES0102	4	7813	Mountain whitefish	325		Scale		0	Yellow	6814
ES0102	4	7799	Mountain whitefish	326		Scale		0	Yellow	6800
ES0102	4	7806	Mountain whitefish	322		Scale		0	Yellow	6807
ES0102	4	7803	Mountain whitefish	311		Scale		0	Yellow	6804
ES0102	4	7820	Mountain whitefish	352		Scale		0	Yellow	6820
ES0102	4	7834	Mountain whitefish	306		Scale		0	Yellow	6834
ES0102	4	7847	Mountain whitefish	303		Scale		0	Yellow	6845
ES0102	4	7809	Mountain whitefish	321		Scale		0	Yellow	6810
ES0102	4	7811	Mountain whitefish	315		Scale		0	Yellow	6812
ES0102	4	7812	Mountain whitefish	323		Scale	4	0	Yellow	6813
ES0102	4	7808	Mountain whitefish	328		Scale		0	Yellow	6809
ES0102	4	7814	Mountain whitefish	272		Scale		0	Yellow	6815
ES0102	4	7824	Mountain whitefish	316		Scale		0	Yellow	6824
ES0102	4	7854	Mountain whitefish	203		Scale		0		
ES0102	4	7818	Mountain whitefish	315		Scale		0	Yellow	6818
ES0102	4	7823	Mountain whitefish	290		Scale		0	Yellow	6823
ES0102	4	7807	Mountain whitefish	308		Scale		0	Yellow	6808
ES0102	4	7822	Mountain whitefish	307		Scale		0	Yellow	6822
ES0102	4	7819	Mountain whitefish	308		Scale		0	Yellow	6819
ES0102	4	7821	Mountain whitefish	314		Scale		0	Yellow	6821
ES0102	4	7816	Mountain whitefish	342		Scale		2	Yellow	3688
ES0102	4	7815	Mountain whitefish	294		Scale		0	Yellow	6816
ES0102	4	7832	Mountain whitefish	287		Scale		0	Yellow	6832
ES0102	4	7810	Mountain whitefish	307		Scale		0	Yellow	6811
ES0102	4	7800	Mountain whitefish	342		Scale		0	Yellow	6801
ES0102	4	7826	Mountain whitefish	320		Scale		0	Yellow	6826
ES0102	4	7817	Mountain whitefish	307		Scale		0	Yellow	6817
ES0102	4	7841	Mountain whitefish	349		Scale		0	Yellow	6840
ES0102	4	7840	Mountain whitefish	258		Scale		0	Yellow	6839
ES0102	4	7839	Mountain whitefish	309		Scale		0	Yellow	6838
ES0102	4	7838	Mountain whitefish	320		Scale		0	Yellow	6837
ES0102	4	7837	Mountain whitefish	326		Scale		0	Yellow	6836
ES0102	4	7844	Mountain whitefish	340		Scale		0	Yellow	6842
ES0102	4	7835	Mountain whitefish	329		Scale		0	Yellow	6835
ES0102	4	7842	Mountain whitefish	323		Scale		0	Yellow	6841
ES0102	4	7833	Mountain whitefish	327		Scale		0	Yellow	6833
ES0102	4	7848	Mountain whitefish	323		Scale		0	Yellow	6846
ES0102	4	7831	Mountain whitefish	375		Scale		0	Yellow	6831
ES0102	4	7830	Mountain whitefish	333		Scale		0	Yellow	6830
ES0102	4	7829	Mountain whitefish	318		Scale		0	Yellow	6829
ES0102	4	7828	Mountain whitefish	336		Scale		0	Yellow	6828
ES0102	4	7827	Mountain whitefish	315		Scale		0	Yellow	6827
ES0102	4	7836	Mountain whitefish	327		Scale		2	Yellow	21
ES0102	4	7843	Mountain whitefish	229		Scale		0		
ES0102	4	7852	Mountain whitefish	287		Scale		0	Yellow	6849
ES0102	4	7853	Mountain whitefish	330		Scale		0	Yellow	6850
ES0102	4	7851	Mountain whitefish	440		Scale		0	Yellow	6848
ES0102	4	7850	Mountain whitefish	309		Scale		0	Yellow	6847
ES0102	4	7849	Mountain whitefish	315		Scale		0		
ES0102	4	7845	Mountain whitefish	353		Scale		0	Yellow	6843
ES0102	4	7802	Mountain whitefish	345		Scale		0	Yellow	6803
ES0102	5	9756	Bull trout	367	502	Fin Ray	3	0	Yellow	7870
ES0102	5	9803	Mountain whitefish	260		Scale		2	Yellow	2289
ES0102	5	9802	Mountain whitefish	303		Scale		2	Yellow	4905
ES0102	5	9804	Mountain whitefish	306		Scale		2	Yellow	4964
ES0102	6	11467	Mountain whitefish	340		Scale		2	Yellow	2274
ES0102	6	11468	Mountain whitefish	290		Scale		2	Yellow	2301
ES0102	6	11469	Mountain whitefish	304		Scale		2	Yellow	4976
ES0103	1	102	Arctic grayling	272	270	Scale		2	Yellow	2049
ES0103	1	110	Bull trout	278	226	Scale		3	Yellow	2052
ES0103	1	103	Bull trout	354	470	Fin Ray		3	Yellow	2050
ES0103	1	82	Mountain whitefish	307	296	Scale		0	Yellow	2037
ES0103	1	90	Mountain whitefish	334	376	Scale		0	Yellow	2044

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0103	1	106	Mountain whitefish	236	126	Scale		0		
ES0103	1	91	Mountain whitefish	228	126			0		
ES0103	1	111	Mountain whitefish	234	140	Scale		0		
ES0103	1	78	Mountain whitefish	337	402	Scale		0	Yellow	2036
ES0103	1	88	Mountain whitefish	322	342	Scale		0	Yellow	2043
ES0103	1	87	Mountain whitefish	269	210	Scale		0	Yellow	2042
ES0103	1	86	Mountain whitefish	334	364	Scale		0	Yellow	2041
ES0103	1	85	Mountain whitefish	251	188	Scale	2	0	Yellow	2040
ES0103	1	105	Mountain whitefish	330	354	Scale		0	Yellow	2026
ES0103	1	83	Mountain whitefish	332	388	Scale		0	Yellow	2038
ES0103	1	89	Mountain whitefish	341	432	Scale		0		
ES0103	1	81	Mountain whitefish	231	150	Scale		0		
ES0103	1	92	Mountain whitefish	244	152	Scale		0		
ES0103	1	95	Mountain whitefish	245	154	Scale		0		
ES0103	1	93	Mountain whitefish	246	160	Scale		0		
ES0103	1	101	Mountain whitefish	316	310	Scale		0	Yellow	2048
ES0103	1	100	Mountain whitefish	272	224	Scale		0	Yellow	2047
ES0103	1	99	Mountain whitefish	313	300	Scale		0	Yellow	2046
ES0103	1	98	Mountain whitefish	253	178	Scale		0	Yellow	2045
ES0103	1	97	Mountain whitefish	234	140	Scale		0		
ES0103	1	96	Mountain whitefish	241	148	Scale		0		
ES0103	1	84	Mountain whitefish	256	204	Scale		0	Yellow	2039
ES0103	1	68	Mountain whitefish	300	298	Scale		0		
ES0103	1	114	Mountain whitefish	322	402	Scale		0	Yellow	2054
ES0103	1	76	Mountain whitefish	296	284	Scale		0	Yellow	2034
ES0103	1	112	Mountain whitefish	298	256	Scale		0	Yellow	2053
ES0103	1	107	Mountain whitefish	283	252	Scale		0	Yellow	2051
ES0103	1	75	Mountain whitefish	232	132	Scale		0		
ES0103	1	104	Mountain whitefish	242	140	Scale		0		
ES0103	1	73	Mountain whitefish	308	358	Scale		0		
ES0103	1	72	Mountain whitefish	332	372	Scale		0	Yellow	2033
ES0103	1	71	Mountain whitefish	332	364	Scale		0	Yellow	2032
ES0103	1	70	Mountain whitefish	302	302	Scale		0	Yellow	2031
ES0103	1	69	Mountain whitefish	301	350	Scale		0	Yellow	2030
ES0103	1	74	Mountain whitefish	235	146	Scale		0		
ES0103	1	67	Mountain whitefish	232	146	Scale		0		
ES0103	1	79	Mountain whitefish	236	170	Scale		0		
ES0103	1	77	Mountain whitefish	283	350	Scale		0	Yellow	2035
ES0103	1	108	Mountain whitefish	224	116	Scale		0		
ES0103	1	94	Mountain whitefish	243	152	Scale		0		
ES0103	1	109	Mountain whitefish	244	152	Scale		0		
ES0103	1	80	Rainbow trout	313	352			0		
ES0103	1	115	Rainbow trout	260	180			0		
ES0103	1	113	Rainbow trout	241	146			0		
ES0103	1	116	Rainbow trout	244	146			0		
ES0103	2	2619	Bull trout	445	926	Fin Ray	5	0	Yellow	3660
ES0103	2	2620	Bull trout	366	460	Fin Ray	4	0	Yellow	3661
ES0103	2	2610	Mountain whitefish	296	286	Scale		0	Yellow	3656
ES0103	2	2611	Mountain whitefish	251	168	Scale		0	Yellow	3657
ES0103	2	2600	Mountain whitefish	312	380	Scale	5	0	Yellow	3650
ES0103	2	2599	Mountain whitefish	296	246	Scale		0	Yellow	3649
ES0103	2	2607	Mountain whitefish	349	448	Scale		0	Yellow	3654
ES0103	2	2609	Mountain whitefish	214	120	Scale		0		
ES0103	2	2603	Mountain whitefish	311	350	Scale		0	Yellow	3652
ES0103	2	2604	Mountain whitefish	308	330	Scale		0	Yellow	3653
ES0103	2	2605	Mountain whitefish	339				2	Yellow	2041
ES0103	2	2614	Mountain whitefish	311				2	Yellow	3639
ES0103	2	2606	Mountain whitefish	308				2	Yellow	2037
ES0103	2	2613	Mountain whitefish	341	360	Scale	7	0	Yellow	3659
ES0103	2	2601	Mountain whitefish	236	160	Scale		0		
ES0103	2	2598	Mountain whitefish	327	374	Scale		0	Yellow	3648
ES0103	2	2597	Mountain whitefish	265	208	Scale		0	Yellow	3647
ES0103	2	2602	Mountain whitefish	280	232	Scale		0	Yellow	3651
ES0103	2	2612	Mountain whitefish	344	444	Scale		0	Yellow	3658
ES0103	2	2608	Mountain whitefish	376	548	Scale		0	Yellow	3655
ES0103	2	2616	Mountain whitefish	244	160	Scale		0		
ES0103	2	2615	Mountain whitefish	244	152	Scale		0		
ES0103	2	2617	Mountain whitefish	238	152	Scale		0		
ES0103	2	2618	Rainbow trout	288	254			0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0103	3	4793	Largescale sucker	439	1102			0		
ES0103	3	4784	Longnose sucker	365	576			0		
ES0103	3	4788	Longnose sucker	322	436			0		
ES0103	3	4772	Mountain whitefish	330	372			2	Yellow	3632
ES0103	3	4806	Mountain whitefish	239	142	Scale		0		
ES0103	3	4805	Mountain whitefish	243	154	Scale		0		
ES0103	3	4804	Mountain whitefish	315	310	Scale		0	Yellow	4978
ES0103	3	4813	Mountain whitefish	246	156	Scale		0		
ES0103	3	4776	Mountain whitefish	238	150	Scale		0		
ES0103	3	4777	Mountain whitefish	308	354	Scale		0		
ES0103	3	4779	Mountain whitefish	308	334	Scale		0	Yellow	4983
ES0103	3	4780	Mountain whitefish	318	362	Scale		0	Yellow	4984
ES0103	3	4773	Mountain whitefish	294	264	Scale		0	Yellow	4981
ES0103	3	4781	Mountain whitefish	334	390	Scale		0	Yellow	4985
ES0103	3	4783	Mountain whitefish	283	238	Scale		0	Yellow	4987
ES0103	3	4808	Mountain whitefish	325	290	Scale		0	Yellow	5001
ES0103	3	4782	Mountain whitefish	300	322	Scale		0	Yellow	4986
ES0103	3	4774	Mountain whitefish	327	356	Scale		0		
ES0103	3	4778	Mountain whitefish	364	462	Scale		0	Yellow	4982
ES0103	3	4775	Mountain whitefish	345	440	Scale		0		
ES0103	3	4809	Mountain whitefish	260	180	Scale		0	Yellow	5002
ES0103	3	4795	Mountain whitefish	321	382	Scale		0	Yellow	4992
ES0103	3	4807	Mountain whitefish	310	318	Scale		0	Yellow	4929
ES0103	3	4800	Mountain whitefish	307	322	Scale		0	Yellow	4997
ES0103	3	4799	Mountain whitefish	323	324	Scale		0	Yellow	4996
ES0103	3	4798	Mountain whitefish	320	304	Scale		0	Yellow	4995
ES0103	3	4786	Mountain whitefish	232	134	Scale		0		
ES0103	3	4796	Mountain whitefish	330	368	Scale		0	Yellow	4993
ES0103	3	4802	Mountain whitefish	320	328	Scale		0	Yellow	4999
ES0103	3	4803	Mountain whitefish	324	388	Scale		0	Yellow	5000
ES0103	3	4791	Mountain whitefish	314	306	Scale		0	Yellow	4991
ES0103	3	4790	Mountain whitefish	305	324	Scale		0	Yellow	4990
ES0103	3	4789	Mountain whitefish	258	178			2	Yellow	2045
ES0103	3	4787	Mountain whitefish	292	254	Scale	3	0	Yellow	4989
ES0103	3	4785	Mountain whitefish	319	320	Scale		0	Yellow	4988
ES0103	3	4815	Mountain whitefish	251	172	Scale		0	Yellow	5005
ES0103	3	4797	Mountain whitefish	322	356	Scale		0	Yellow	4994
ES0103	3	4812	Mountain whitefish	292	292	Scale		0	Yellow	5004
ES0103	3	4810	Mountain whitefish	298	262	Scale		0	Yellow	5003
ES0103	3	4814	Mountain whitefish	245	150	Scale		0		
ES0103	3	4816	Mountain whitefish	232	134	Scale		0		
ES0103	3	4811	Mountain whitefish	233	134	Scale		0		
ES0103	3	4801	Mountain whitefish	335	378	Scale	7	0	Yellow	4998
ES0103	3	4792	Northern pikeminnow	278	258			0		
ES0103	3	4794	Rainbow trout	250	178			0		
ES0103	4	7755	Bull trout	330		Fin Ray	3	0	Yellow	6772
ES0103	4	7753	Kokanee	138	30			0		
ES0103	4	7752	Mountain whitefish	318	334	Scale		0	Yellow	6771
ES0103	4	7750	Mountain whitefish	314				2	Yellow	4983
ES0103	4	7743	Mountain whitefish	292	336	Scale		0	Yellow	6765
ES0103	4	7744	Mountain whitefish	319				2	Yellow	2038
ES0103	4	7745	Mountain whitefish	320	422	Scale		0	Yellow	6767
ES0103	4	7747	Mountain whitefish	304	332	Scale		0	Yellow	6768
ES0103	4	7751	Mountain whitefish	310	366	Scale		0	Yellow	6770
ES0103	4	7742	Mountain whitefish	317	346	Scale		0	Yellow	6764
ES0103	4	7761	Mountain whitefish	246	146	Scale		0		
ES0103	4	7746	Mountain whitefish	316				2	Yellow	4995
ES0103	4	7754	Mountain whitefish	328				2	Yellow	2026
ES0103	4	7756	Mountain whitefish	292	254	Scale		0	Yellow	6773
ES0103	4	7757	Mountain whitefish	300		Scale		0	Yellow	6774
ES0103	4	7758	Mountain whitefish	238	152	Scale		0		
ES0103	4	7760	Mountain whitefish	192	86	Scale		0		
ES0103	4	7759	Mountain whitefish	248	176	Scale		0		
ES0103	4	7749	Mountain whitefish	251	166	Scale		0	Yellow	6769
ES0103	4	7748	Mountain whitefish	318				2	Yellow	4992
ES0103	4	7762	Rainbow trout	252	196			0		
ES0103	6	11357	Mountain whitefish	315				2	Yellow	6770
ES0103	6	11356	Mountain whitefish	307				2	Yellow	2037
ES0104	1	154	Bull trout	540	2100	Fin Ray	7	0	Yellow	2074

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0104	1	117	Bull trout	290	304			0	Yellow	2055
ES0104	1	153	Kokanee	263	208			0		
ES0104	1	146	Longnose sucker	410	784			0		
ES0104	1	152	Longnose sucker	410	852			0		
ES0104	1	151	Longnose sucker	432	900			0		
ES0104	1	121	Mountain whitefish	328	406	Scale		0	Yellow	2058
ES0104	1	129	Mountain whitefish	249	170	Scale		0		
ES0104	1	127	Mountain whitefish	314	370	Scale		0	Yellow	2060
ES0104	1	141	Mountain whitefish	243	164	Scale		0		
ES0104	1	142	Mountain whitefish	308		Scale		0	Yellow	2070
ES0104	1	143	Mountain whitefish	239	162	Scale		0		
ES0104	1	144	Mountain whitefish	323	346	Scale		0	Yellow	2071
ES0104	1	147	Mountain whitefish	319	372	Scale	6	0	Yellow	2072
ES0104	1	132	Mountain whitefish	234	142	Scale	3	0		
ES0104	1	148	Mountain whitefish	233	140	Scale		0		
ES0104	1	140	Mountain whitefish	262	176	Scale		0	Yellow	2068
ES0104	1	149	Mountain whitefish	319	302	Scale		0	Yellow	2073
ES0104	1	150	Mountain whitefish	249	158	Scale		0		
ES0104	1	145	Mountain whitefish	300	348	Scale		0		
ES0104	1	120	Mountain whitefish	323	340	Scale		0		
ES0104	1	119	Mountain whitefish	276	288	Scale		0	Yellow	2057
ES0104	1	118	Mountain whitefish	306	284	Scale		0	Yellow	2056
ES0104	1	128	Mountain whitefish	263	200	Scale		0	Yellow	2061
ES0104	1	139	Mountain whitefish	245	170	Scale		0		
ES0104	1	137	Mountain whitefish	313	394	Scale		0	Yellow	2066
ES0104	1	122	Mountain whitefish	314	360	Scale	6	0		
ES0104	1	123	Mountain whitefish	242	170	Scale		0		
ES0104	1	124	Mountain whitefish	245	162	Scale		0		
ES0104	1	130	Mountain whitefish	235	142	Scale		0		
ES0104	1	136	Mountain whitefish	265	200	Scale		0	Yellow	2065
ES0104	1	126	Mountain whitefish	345	418	Scale		0	Yellow	2059
ES0104	1	138	Mountain whitefish	392	542	Scale		0	Yellow	2067
ES0104	1	131	Mountain whitefish	368	438	Scale		0	Yellow	2062
ES0104	1	135	Mountain whitefish	239	164	Scale		0		
ES0104	1	134	Mountain whitefish	240	148	Scale	3	0		
ES0104	1	133	Mountain whitefish	264	206	Scale		0	Yellow	2064
ES0104	1	125	Mountain whitefish	351	442	Scale		0		
ES0104	2	2559	Largescale sucker	421	936			0		
ES0104	2	2560	Largescale sucker	452	1108			0		
ES0104	2	2578	Longnose sucker	428	804			0		
ES0104	2	2571	Longnose sucker	383	660			0		
ES0104	2	2561	Longnose sucker	372	614			0		
ES0104	2	2587	Mountain whitefish	241	146	Scale		0		
ES0104	2	2580	Mountain whitefish	312	288	Scale		0	Yellow	3635
ES0104	2	2591	Mountain whitefish	305	292	Scale		0	Yellow	3643
ES0104	2	2588	Mountain whitefish	314				2	Yellow	2255
ES0104	2	2586	Mountain whitefish	315	316	Scale	5	0	Yellow	3641
ES0104	2	2585	Mountain whitefish	334	388	Scale		0	Yellow	3640
ES0104	2	2584	Mountain whitefish	315	344	Scale		0	Yellow	3639
ES0104	2	2592	Mountain whitefish	240	150	Scale		0		
ES0104	2	2564	Mountain whitefish	346	472	Scale		0	Yellow	3624
ES0104	2	2563	Mountain whitefish	320	390	Scale		0		
ES0104	2	2562	Mountain whitefish	315	324	Scale		0	Yellow	3623
ES0104	2	2565	Mountain whitefish	299	332	Scale		0		
ES0104	2	2583	Mountain whitefish	293	252	Scale		0	Yellow	3638
ES0104	2	2589	Mountain whitefish	251	160	Scale		0	Yellow	3642
ES0104	2	2582	Mountain whitefish	250	178	Scale		0	Yellow	3637
ES0104	2	2579	Mountain whitefish	349	434	Scale		0	Yellow	3634
ES0104	2	2577	Mountain whitefish	336	386	Scale		0	Yellow	3633
ES0104	2	2566	Mountain whitefish	310	310	Scale		0	Yellow	3625
ES0104	2	2575	Mountain whitefish	333	358	Scale		0	Yellow	3631
ES0104	2	2574	Mountain whitefish	359	586	Scale		0	Yellow	3630
ES0104	2	2573	Mountain whitefish	285	244	Scale		0	Yellow	3629
ES0104	2	2567	Mountain whitefish	343	378	Scale		0	Yellow	3609
ES0104	2	2572	Mountain whitefish	297	294	Scale		0	Yellow	3628
ES0104	2	2570	Mountain whitefish	367	446	Scale		0	Yellow	3627
ES0104	2	2569	Mountain whitefish	343	416	Scale		0	Yellow	3626
ES0104	2	2568	Mountain whitefish	302	300	Scale	4	0		
ES0104	2	2576	Mountain whitefish	327	374	Scale		0	Yellow	3632

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0104	2	2581	Mountain whitefish	309	274	Scale		0	Yellow	3636
ES0104	2	2590	Mountain whitefish	247	168	Scale		0		
ES0104	2	2596	Mountain whitefish	326	348	Scale		0	Yellow	3646
ES0104	2	2593	Mountain whitefish	300	286	Scale		0	Yellow	3644
ES0104	2	2595	Mountain whitefish	252	166	Scale		0	Yellow	3645
ES0104	2	2594	Mountain whitefish	248	172	Scale		0		
ES0104	3	4826	Largescale sucker	478	1188			0		
ES0104	3	4829	Largescale sucker	490	1392			0		
ES0104	3	4818	Longnose sucker	398	752			0		
ES0104	3	4849	Mountain whitefish	273	212	Scale		0	Yellow	5027
ES0104	3	4830	Mountain whitefish	315	330	Scale		0	Yellow	5013
ES0104	3	4857	Mountain whitefish	243	138	Scale		0		
ES0104	3	4856	Mountain whitefish	260	198	Scale		0	Yellow	5033
ES0104	3	4840	Mountain whitefish	204	86	Scale		0		
ES0104	3	4825	Mountain whitefish	311	326	Scale		0	Yellow	5010
ES0104	3	4824	Mountain whitefish	319	358			2	Yellow	4994
ES0104	3	4828	Mountain whitefish	370	548	Scale		0	Yellow	5012
ES0104	3	4827	Mountain whitefish	315	342	Scale		0	Yellow	5011
ES0104	3	4831	Mountain whitefish	310	336			2	Yellow	4983
ES0104	3	4823	Mountain whitefish	367	440			2	Yellow	3627
ES0104	3	4833	Mountain whitefish	314	286	Scale		0	Yellow	5015
ES0104	3	4835	Mountain whitefish	323	328	Scale		0	Yellow	5016
ES0104	3	4839	Mountain whitefish	333	336	Scale		0	Yellow	5019
ES0104	3	4834	Mountain whitefish	232	132	Scale		0		
ES0104	3	4843	Mountain whitefish	332	372	Scale		0	Yellow	5022
ES0104	3	4838	Mountain whitefish	358	432	Scale		0	Yellow	5018
ES0104	3	4837	Mountain whitefish	335	378	Scale		0	Yellow	5017
ES0104	3	4836	Mountain whitefish	333	370			2	Yellow	3609
ES0104	3	4832	Mountain whitefish	320	318	Scale		0	Yellow	5014
ES0104	3	4846	Mountain whitefish	240	156	Scale		0		
ES0104	3	4819	Mountain whitefish	310	346	Scale		0	Yellow	5006
ES0104	3	4820	Mountain whitefish	344	378	Scale		0	Yellow	5007
ES0104	3	4858	Mountain whitefish	238	150	Scale		0		
ES0104	3	4851	Mountain whitefish	235	134	Scale		0		
ES0104	3	4842	Mountain whitefish	338	440	Scale		0	Yellow	5021
ES0104	3	4845	Mountain whitefish	325	336	Scale		0	Yellow	5024
ES0104	3	4817	Mountain whitefish	317	350	Scale		0		
ES0104	3	4822	Mountain whitefish	323	356	Scale		0	Yellow	5009
ES0104	3	4844	Mountain whitefish	355	422	Scale		0	Yellow	5023
ES0104	3	4847	Mountain whitefish	339	358	Scale		0	Yellow	5025
ES0104	3	4848	Mountain whitefish	313	318	Scale		0	Yellow	5026
ES0104	3	4841	Mountain whitefish	316	308	Scale		0	Yellow	5020
ES0104	3	4850	Mountain whitefish	320	340	Scale		0	Yellow	5028
ES0104	3	4854	Mountain whitefish	308	278	Scale		0	Yellow	5031
ES0104	3	4852	Mountain whitefish	314	324	Scale		0	Yellow	5029
ES0104	3	4853	Mountain whitefish	320	360	Scale		0	Yellow	5030
ES0104	3	4855	Mountain whitefish	289	268	Scale		0	Yellow	5032
ES0104	3	4821	Mountain whitefish	345	436	Scale		0	Yellow	5008
ES0104	4	7778	Bull trout	519	1868	Fin Ray	5	0	Yellow	6781
ES0104	4	7772	Mountain whitefish	328	420	Scale		0	Yellow	6776
ES0104	4	7775	Mountain whitefish	348	434	Scale		0	Yellow	6779
ES0104	4	7774	Mountain whitefish	309	344	Scale		0	Yellow	6778
ES0104	4	7798	Mountain whitefish	315	284	Scale		0	Yellow	6799
ES0104	4	7789	Mountain whitefish	288	298	Scale		0	Yellow	6790
ES0104	4	7790	Mountain whitefish	303	326	Scale		0	Yellow	6791
ES0104	4	7791	Mountain whitefish	305	312	Scale		0	Yellow	6792
ES0104	4	7776	Mountain whitefish	310	368	Scale		0	Yellow	6780
ES0104	4	7773	Mountain whitefish	329	396	Scale		0	Yellow	6777
ES0104	4	7793	Mountain whitefish	267	204	Scale		0	Yellow	6794
ES0104	4	7797	Mountain whitefish	250	172	Scale	3	0	Yellow	6798
ES0104	4	7771	Mountain whitefish	312	356	Scale		0	Yellow	6766
ES0104	4	7779	Mountain whitefish	318	356	Scale	5	0	Yellow	6782
ES0104	4	7787	Mountain whitefish	226	138	Scale		0		
ES0104	4	7794	Mountain whitefish	330	360	Scale		0	Yellow	6795
ES0104	4	7788	Mountain whitefish	239	148	Scale	3	0		
ES0104	4	7792	Mountain whitefish	289	276	Scale		0	Yellow	6793
ES0104	4	7767	Mountain whitefish	319				2	Yellow	5009
ES0104	4	7764	Mountain whitefish	330	346	Scale		0	Yellow	6775
ES0104	4	7796	Mountain whitefish	270	202	Scale	3	0	Yellow	6797



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0104	4	7769	Mountain whitefish	334				2	Yellow	2036
ES0104	4	7766	Mountain whitefish	315				2	Yellow	3623
ES0104	4	7763	Mountain whitefish	322				2	Yellow	2058
ES0104	4	7765	Mountain whitefish	258				2	Yellow	5033
ES0104	4	7770	Mountain whitefish	312	334	Scale		0		
ES0104	4	7777	Mountain whitefish	232	134	Scale		0		
ES0104	4	7780	Mountain whitefish	333	446	Scale		0	Yellow	6783
ES0104	4	7795	Mountain whitefish	339	474	Scale		0	Yellow	6796
ES0104	4	7785	Mountain whitefish	338	410	Scale	4	0	Yellow	6788
ES0104	4	7768	Mountain whitefish	224	124	Scale		0		
ES0104	4	7784	Mountain whitefish	325	366	Scale		0	Yellow	6787
ES0104	4	7783	Mountain whitefish	306	328	Scale		0	Yellow	6786
ES0104	4	7782	Mountain whitefish	321	324	Scale		0	Yellow	6785
ES0104	4	7781	Mountain whitefish	327	360	Scale		0	Yellow	6784
ES0104	4	7786	Mountain whitefish	314	348	Scale		0	Yellow	6789
ES0104	5	9733	Mountain whitefish	352				2	Yellow	6820
ES0104	5	9730	Mountain whitefish	317				2	Yellow	3641
ES0104	5	9732	Mountain whitefish	290				2	Yellow	6765
ES0104	5	9731	Mountain whitefish	315				2	Yellow	6764
ES0104	6	11395	Mountain whitefish	313				2	Yellow	5026
ES0104	6	11394	Mountain whitefish	352				2	Yellow	6820
ES0104	6	11392	Mountain whitefish	290				2	Yellow	2057
ES0104	6	11393	Mountain whitefish	340				2	Yellow	6788
ES0104	6	11391	Mountain whitefish	329				2	Yellow	2011
ES0105	1	412	Bull trout	376	556	Fin Ray	4	0	Yellow	2240
ES0105	1	415	Bull trout	428	784	Fin Ray	5	0	Yellow	2241
ES0105	1	416	Kokanee	202	94			0		
ES0105	1	422	Kokanee	194	72			0		
ES0105	1	411	Longnose sucker	428	1066			0		
ES0105	1	452	Mountain whitefish	293	252	Scale		0	Yellow	2259
ES0105	1	414	Mountain whitefish	282				2	Yellow	2051
ES0105	1	441	Mountain whitefish	245	182	Scale		0		
ES0105	1	440	Mountain whitefish	232	148	Scale		0		
ES0105	1	449	Mountain whitefish	333	368	Scale		0	Yellow	2258
ES0105	1	427	Mountain whitefish	269	220	Scale		0		
ES0105	1	438	Mountain whitefish	321	304	Scale		0	Yellow	2253
ES0105	1	428	Mountain whitefish	285	256	Scale		0	Yellow	2248
ES0105	1	436	Mountain whitefish	317	352	Scale		0	Yellow	2252
ES0105	1	435	Mountain whitefish	300	330	Scale		0		
ES0105	1	444	Mountain whitefish	238	156	Scale		0		
ES0105	1	433	Mountain whitefish	312	342	Scale		0	Yellow	2236
ES0105	1	446	Mountain whitefish	362	448	Scale		0	Yellow	2257
ES0105	1	458	Mountain whitefish	298	276	Scale		0	Yellow	2262
ES0105	1	432	Mountain whitefish	254	174	Scale		0	Yellow	2250
ES0105	1	431	Mountain whitefish	243	166	Scale		0		
ES0105	1	430	Mountain whitefish	224	130	Scale		0		
ES0105	1	450	Mountain whitefish	242	158	Scale		0		
ES0105	1	439	Mountain whitefish	344	366	Scale		0	Yellow	2254
ES0105	1	457	Mountain whitefish	243	172	Scale		0		
ES0105	1	456	Mountain whitefish	250	170	Scale		0	Yellow	2261
ES0105	1	455	Mountain whitefish	234	146	Scale		0		
ES0105	1	454	Mountain whitefish	281	232	Scale		0	Yellow	2260
ES0105	1	434	Mountain whitefish	278	256	Scale		0	Yellow	2251
ES0105	1	443	Mountain whitefish	222	128	Scale		0		
ES0105	1	420	Mountain whitefish	286	258	Scale		0	Yellow	2244
ES0105	1	413	Mountain whitefish	309				2	Yellow	2048
ES0105	1	445	Mountain whitefish	370		Scale		0	Yellow	2256
ES0105	1	451	Mountain whitefish	225	134	Scale		0		
ES0105	1	423	Mountain whitefish	314	312	Scale		0	Yellow	2245
ES0105	1	424	Mountain whitefish	240	142	Scale	3	0		
ES0105	1	437	Mountain whitefish	248	170	Scale		0		
ES0105	1	442	Mountain whitefish	317	318	Scale		0	Yellow	2255
ES0105	1	419	Mountain whitefish	333	446	Scale		0		
ES0105	1	421	Mountain whitefish	345	406	Scale		0		
ES0105	1	418	Mountain whitefish	292	294	Scale	4	0	Yellow	2243
ES0105	1	429	Mountain whitefish	332	406	Scale		0	Yellow	2249
ES0105	1	425	Mountain whitefish	335	370	Scale		0	Yellow	2246
ES0105	1	417	Mountain whitefish	274	234	Scale		0	Yellow	2242
ES0105	1	453	Mountain whitefish	275	230	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0105	1	426	Mountain whitefish	311	304	Scale		0		
ES0105	1	448	Mountain whitefish	237	146	Scale		0		
ES0105	1	447	Mountain whitefish	219	122	Scale		0		
ES0105	2	2555	Bull trout	303	300	Fin Ray	3	0	Yellow	3620
ES0105	2	2514	Bull trout	209	126			0		
ES0105	2	2525	Kokanee	298	338			0		
ES0105	2	2530	Longnose sucker	371	642			0		
ES0105	2	2526	Mountain whitefish	325				2	Yellow	2253
ES0105	2	2534	Mountain whitefish	335	370	Scale		0	Yellow	3612
ES0105	2	2522	Mountain whitefish	359	454	Scale		0	Yellow	3606
ES0105	2	2539	Mountain whitefish	248	152	Scale		0		
ES0105	2	2547	Mountain whitefish	240	156	Scale		0		
ES0105	2	2546	Mountain whitefish	281	240	Scale		0	Yellow	3616
ES0105	2	2545	Mountain whitefish	296	228	Scale		0	Yellow	3615
ES0105	2	2544	Mountain whitefish	245	156	Scale		0		
ES0105	2	2543	Mountain whitefish	254	168	Scale		0	Yellow	3614
ES0105	2	2542	Mountain whitefish	240	150	Scale		0		
ES0105	2	2529	Mountain whitefish	314				2	Yellow	2245
ES0105	2	2540	Mountain whitefish	227	128	Scale	2	0		
ES0105	2	2538	Mountain whitefish	231	136	Scale		0		
ES0105	2	2536	Mountain whitefish	233	134	Scale		0		
ES0105	2	2515	Mountain whitefish	365	496	Scale	9	0	Yellow	3601
ES0105	2	2535	Mountain whitefish	259	190	Scale		0	Yellow	3613
ES0105	2	2537	Mountain whitefish	243	150	Scale		0		
ES0105	2	2533	Mountain whitefish	295				2	Yellow	2262
ES0105	2	2541	Mountain whitefish	247	158	Scale		0		
ES0105	2	2513	Mountain whitefish	278	222	Scale		0	Yellow	3561
ES0105	2	2548	Mountain whitefish	218	118	Scale		0		
ES0105	2	2558	Mountain whitefish	246	152	Scale		0		
ES0105	2	2550	Mountain whitefish	238	144	Scale		0		
ES0105	2	2551	Mountain whitefish	297	288	Scale		0	Yellow	3618
ES0105	2	2512	Mountain whitefish	328	402	Scale		0		
ES0105	2	2552	Mountain whitefish	237	136	Scale	3	0		
ES0105	2	2553	Mountain whitefish	228	134	Scale		0		
ES0105	2	2549	Mountain whitefish	272	220	Scale		0	Yellow	3617
ES0105	2	2556	Mountain whitefish	255	174	Scale		0	Yellow	3621
ES0105	2	2557	Mountain whitefish	268	226	Scale		0	Yellow	3622
ES0105	2	2554	Mountain whitefish	300	266	Scale		0	Yellow	3619
ES0105	2	2527	Mountain whitefish	242	148	Scale		0		
ES0105	2	2516	Mountain whitefish	313				2	Yellow	2236
ES0105	2	2520	Mountain whitefish	320	344	Scale		0	Yellow	3604
ES0105	2	2524	Mountain whitefish	340	422	Scale		0	Yellow	3608
ES0105	2	2528	Mountain whitefish	250	168	Scale		0		
ES0105	2	2523	Mountain whitefish	373	504	Scale		0	Yellow	3607
ES0105	2	2521	Mountain whitefish	335	366	Scale		0	Yellow	3605
ES0105	2	2532	Mountain whitefish	250	162	Scale		0	Yellow	3611
ES0105	2	2519	Mountain whitefish	279	262	Scale		0	Yellow	3603
ES0105	2	2518	Mountain whitefish	313	318	Scale		0	Yellow	3602
ES0105	2	2531	Mountain whitefish	308	342	Scale		0	Yellow	3610
ES0105	2	2517	Mountain whitefish	235	148	Scale		0		
ES0105	3	4862	Bull trout	290	280	Fin Ray	3	0	Yellow	5034
ES0105	3	4859	Largescale sucker	475	1270			0		
ES0105	3	4870	Mountain whitefish	245	152	Scale		0		
ES0105	3	4872	Mountain whitefish	251	172	Scale		0		
ES0105	3	4868	Mountain whitefish	336	462	Scale		0	Yellow	5036
ES0105	3	4863	Mountain whitefish	321	354			2	Yellow	2258
ES0105	3	4864	Mountain whitefish	362	446			2	Yellow	2257
ES0105	3	4865	Mountain whitefish	344	448			2	Yellow	3606
ES0105	3	4866	Mountain whitefish	342	416			2	Yellow	3608
ES0105	3	4879	Mountain whitefish	292	256	Scale		0	Yellow	5044
ES0105	3	4898	Mountain whitefish	236	142	Scale		0		
ES0105	3	4860	Mountain whitefish	414	890	Scale		0		
ES0105	3	4871	Mountain whitefish	332	366	Scale		0	Yellow	5038
ES0105	3	4869	Mountain whitefish	320	346	Scale		0	Yellow	5037
ES0105	3	4873	Mountain whitefish	330	366	Scale		0	Yellow	5039
ES0105	3	4875	Mountain whitefish	313	310	Scale		0	Yellow	5041
ES0105	3	4867	Mountain whitefish	285	260			2	Yellow	3603
ES0105	3	4896	Mountain whitefish	229	128	Scale		0		
ES0105	3	4899	Mountain whitefish	234	134	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0105	3	4900	Mountain whitefish	244	174	Scale		0		
ES0105	3	4901	Mountain whitefish	238	130	Scale		0		
ES0105	3	4902	Mountain whitefish	234	132	Scale	3	0		
ES0105	3	4874	Mountain whitefish	287	268	Scale		0	Yellow	5040
ES0105	3	4888	Mountain whitefish	315	386	Scale		0	Yellow	5048
ES0105	3	4897	Mountain whitefish	266	202	Scale		0	Yellow	5052
ES0105	3	4880	Mountain whitefish	231	124	Scale		0		
ES0105	3	4881	Mountain whitefish	242	142	Scale		0		
ES0105	3	4882	Mountain whitefish	235	152	Scale		0		
ES0105	3	4883	Mountain whitefish	251	160	Scale	3	0	Yellow	5045
ES0105	3	4884	Mountain whitefish	297	310	Scale		0	Yellow	5046
ES0105	3	4885	Mountain whitefish	301	300	Scale		0	Yellow	5047
ES0105	3	4861	Mountain whitefish	325	352	Scale	6	0	Yellow	5035
ES0105	3	4878	Mountain whitefish	309	232	Scale		0	Yellow	5043
ES0105	3	4889	Mountain whitefish	282	212	Scale		0	Yellow	5049
ES0105	3	4877	Mountain whitefish	305	306	Scale		0	Yellow	5042
ES0105	3	4890	Mountain whitefish	302	284	Scale		0	Yellow	5050
ES0105	3	4891	Mountain whitefish	240	136	Scale		0		
ES0105	3	4892	Mountain whitefish	231	132	Scale		0		
ES0105	3	4893	Mountain whitefish	244	180	Scale	3	0		
ES0105	3	4894	Mountain whitefish	315	320	Scale		0	Yellow	5051
ES0105	3	4895	Mountain whitefish	232	140	Scale		0		
ES0105	3	4887	Mountain whitefish	239	126	Scale		0		
ES0105	3	4886	Mountain whitefish	239	134	Scale		0		
ES0105	3	4876	Mountain whitefish	292	296	Scale		0		
ES0105	4	7725	Bull trout	268	228	Fin Ray	3	0	Yellow	6758
ES0105	4	7734	Bull trout	301	330	Fin Ray	3	0	Yellow	6763
ES0105	4	7740	Mountain whitefish	250	172	Scale		4		
ES0105	4	7735	Mountain whitefish	235	146	Scale		0		
ES0105	4	7737	Mountain whitefish	213	126	Scale		0		
ES0105	4	7728	Mountain whitefish	293	306	Scale		0	Yellow	6760
ES0105	4	7738	Mountain whitefish	230	132	Scale		0		
ES0105	4	7739	Mountain whitefish	234	150	Scale		0		
ES0105	4	7741	Mountain whitefish	218	132	Scale		0		
ES0105	4	7729	Mountain whitefish	242	146	Scale		0		
ES0105	4	7730	Mountain whitefish	291	260	Scale	3	0	Yellow	6761
ES0105	4	7736	Mountain whitefish	226	128	Scale		0		
ES0105	4	7721	Mountain whitefish	315	338	Scale		0	Yellow	6755
ES0105	4	7731	Mountain whitefish	213	128	Scale	2	0		
ES0105	4	7722	Mountain whitefish	302	324	Scale		0	Yellow	6756
ES0105	4	7724	Mountain whitefish	302	334	Scale		0		
ES0105	4	7726	Mountain whitefish	324	362	Scale		0	Yellow	6759
ES0105	4	7727	Mountain whitefish	324	342	Scale		0		
ES0105	4	7733	Mountain whitefish	235	166	Scale		0		
ES0105	4	7732	Mountain whitefish	297		Scale		0	Yellow	6762
ES0105	4	7723	Mountain whitefish	316	302	Scale		0	Yellow	6757
ES0105	5	9755	Mountain whitefish	297				2	Yellow	2262
ES0105	5	9754	Mountain whitefish	303				2	Yellow	3610
ES0105	5	9753	Mountain whitefish	294				2	Yellow	6761
ES0106	1	233	Kokanee	191	64			0		
ES0106	1	220	Mountain whitefish	324	312	Scale		0	Yellow	2113
ES0106	1	227	Mountain whitefish	310	312	Scale		0	Yellow	2118
ES0106	1	230	Mountain whitefish	366	542	Scale		0		
ES0106	1	222	Mountain whitefish	318	364	Scale		0	Yellow	2115
ES0106	1	226	Mountain whitefish	238	134	Scale		0		
ES0106	1	219	Mountain whitefish	331	392	Scale		0	Yellow	2112
ES0106	1	229	Mountain whitefish	340	412	Scale		0	Yellow	2120
ES0106	1	221	Mountain whitefish	358	468	Scale		0	Yellow	2114
ES0106	1	224	Mountain whitefish	337	344			0		
ES0106	1	228	Mountain whitefish	336	370	Scale		0	Yellow	2119
ES0106	1	223	Mountain whitefish	239	182	Scale		0	Yellow	2117
ES0106	1	225	Mountain whitefish	308	344	Scale		0		
ES0106	1	232	Rainbow trout	320	370			0		
ES0106	1	231	Rainbow trout	259	212			0		
ES0106	3	4915	Bull trout	437	936	Fin Ray	5	0	Yellow	5059
ES0106	3	4907	Mountain whitefish	292	310	Scale		0	Yellow	5056
ES0106	3	4908	Mountain whitefish	325	364	Scale		0	Yellow	5057
ES0106	3	4906	Mountain whitefish	333	388	Scale		0	Yellow	5055
ES0106	3	4903	Mountain whitefish	338	388	Scale		0	Yellow	5053

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0106	3	4904	Mountain whitefish	331	366			2	Yellow	2119
ES0106	3	4905	Mountain whitefish	345	428	Scale		0	Yellow	5054
ES0106	3	4909	Rainbow trout	331	426			0		
ES0106	3	4910	Rainbow trout	388	662			0		
ES0106	3	4911	Rainbow trout	322	374			0		
ES0106	3	4912	Rainbow trout	260	210			0		
ES0106	3	4913	Rainbow trout	328	416			0		
ES0106	3	4914	Rainbow trout	300	300			0		
ES0106	4	7714	Bull trout	430	898	Fin Ray	5	0	Yellow	6751
ES0106	4	7720	Bull trout	478	937	Fin Ray	5	0	Yellow	6754
ES0106	4	7718	Mountain whitefish	361	458	Scale		0	Yellow	6752
ES0106	4	7719	Mountain whitefish	325	344	Scale		0	Yellow	6753
ES0106	4	7716	Rainbow trout	242	184			0		
ES0106	4	7715	Rainbow trout	248	178			0		
ES0106	4	7717	Rainbow trout	328	422			0		
ES0107	1	172	Bull trout	344	476	Fin Ray	4	0	Yellow	2094
ES0107	1	162	Longnose sucker	394	746			0		
ES0107	1	184	Longnose sucker	420	938			0		
ES0107	1	176	Longnose sucker	375	648			0		
ES0107	1	182	Mountain whitefish	313	328	Scale		0	Yellow	2087
ES0107	1	174	Mountain whitefish	313	312	Scale		0	Yellow	2092
ES0107	1	177	Mountain whitefish	320	356	Scale		0	Yellow	2091
ES0107	1	166	Mountain whitefish	307	318	Scale		0	Yellow	2095
ES0107	1	185	Mountain whitefish	301	276	Scale		0	Yellow	2085
ES0107	1	173	Mountain whitefish	275	236	Scale		0	Yellow	2093
ES0107	1	183	Mountain whitefish	328	344	Scale		0	Yellow	2086
ES0107	1	178	Mountain whitefish	273	296	Scale		0		
ES0107	1	161	Mountain whitefish	314	336	Scale		0		
ES0107	1	158	Mountain whitefish	341	366	Scale		0	Yellow	2075
ES0107	1	181	Mountain whitefish	312	424	Scale		0	Yellow	2088
ES0107	1	159	Mountain whitefish	222	114	Scale		0		
ES0107	1	175	Mountain whitefish	277	238	Scale		2	Yellow	1021
ES0107	1	157	Mountain whitefish	414	674	Scale		2	Yellow	62
ES0107	1	156	Mountain whitefish	248	174	Scale		0		
ES0107	1	155	Mountain whitefish	313	320	Scale		0		
ES0107	1	179	Mountain whitefish	331	344	Scale		0	Yellow	2090
ES0107	1	168	Mountain whitefish	320	346	Scale		0		
ES0107	1	171	Mountain whitefish	309	320	Scale		0		
ES0107	1	163	Mountain whitefish	302	314	Scale		0	Yellow	2098
ES0107	1	164	Mountain whitefish	293	318	Scale		0	Yellow	2097
ES0107	1	165	Mountain whitefish	307	284	Scale		0	Yellow	2096
ES0107	1	180	Mountain whitefish	327	340	Scale		0	Yellow	2089
ES0107	1	167	Mountain whitefish	313	302	Scale		0		
ES0107	1	160	Mountain whitefish	283	278	Scale		5	Yellow	2100
ES0107	1	169	Mountain whitefish	328	374	Scale		0		
ES0107	1	170	Mountain whitefish	298	250	Scale		0		
ES0107	1	186	Rainbow trout	295	298			0		
ES0107	2	2500	Largescale sucker	509	1792			0		
ES0107	2	2505	Mountain whitefish	266	210	Scale		0	Yellow	3594
ES0107	2	2502	Mountain whitefish	296	332	Scale		0	Yellow	3591
ES0107	2	2509	Mountain whitefish	304	308	Scale		0	Yellow	3599
ES0107	2	2508	Mountain whitefish	254	202	Scale		0	Yellow	3598
ES0107	2	2507	Mountain whitefish	318	364	Scale		0	Yellow	3597
ES0107	2	2506	Mountain whitefish	281	226	Scale		0	Yellow	3596
ES0107	2	2510	Mountain whitefish	352	436	Scale		0	Yellow	3600
ES0107	2	2503	Mountain whitefish	339	386	Scale		0	Yellow	3592
ES0107	2	2501	Mountain whitefish	324	396	Scale		0	Yellow	3590
ES0107	2	2504	Mountain whitefish	327	398	Scale		0	Yellow	3593
ES0107	3	4931	Kokanee	112	12			0		
ES0107	3	4916	Kokanee	130	18			0		
ES0107	3	4922	Mountain whitefish	318	326	Scale		0	Yellow	5064
ES0107	3	4918	Mountain whitefish	342	464	Scale		0	Yellow	5060
ES0107	3	4927	Mountain whitefish	349	450	Scale		0	Yellow	5067
ES0107	3	4919	Mountain whitefish	290	274	Scale		0	Yellow	5061
ES0107	3	4921	Mountain whitefish	313	336	Scale		0	Yellow	5063
ES0107	3	4923	Mountain whitefish	320	352	Scale	5	0	Yellow	5065
ES0107	3	4926	Mountain whitefish	298	264	Scale	5	0	Yellow	5066
ES0107	3	4929	Mountain whitefish	337	396	Scale		0	Yellow	5069
ES0107	3	4930	Mountain whitefish	303	264	Scale		0	Yellow	5070

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0107	3	4932	Mountain whitefish	309	304	Scale		0	Yellow	5071
ES0107	3	4933	Mountain whitefish	332	370	Scale		0	Yellow	5072
ES0107	3	4934	Mountain whitefish	378	240	Scale		0	Yellow	5073
ES0107	3	4920	Mountain whitefish	330	328	Scale		0	Yellow	5062
ES0107	3	4925	Mountain whitefish	297	256			2	Yellow	1058
ES0107	3	4917	Mountain whitefish	285	252			2	Yellow	1053
ES0107	3	4928	Mountain whitefish	312	290	Scale		0	Yellow	5068
ES0107	3	4924	Rainbow trout	366	544			0		
ES0107	4	7684	Kokanee	128	14			0		
ES0107	4	7710	Mountain whitefish	330	315	Scale		0	Yellow	6747
ES0107	4	7692	Mountain whitefish	288	260	Scale		2	Yellow	1053
ES0107	4	7690	Mountain whitefish	248		Scale		0		
ES0107	4	7707	Mountain whitefish	320	390	Scale		0	Yellow	6744
ES0107	4	7699	Mountain whitefish	316	348	Scale		0	Yellow	6736
ES0107	4	7688	Mountain whitefish	270		Scale		0	Yellow	6730
ES0107	4	7687	Mountain whitefish	316	314	Scale		0	Yellow	6729
ES0107	4	7693	Mountain whitefish	310	321	Scale		0	Yellow	6732
ES0107	4	7697	Mountain whitefish	288	260	Scale		0	Yellow	6735
ES0107	4	7698	Mountain whitefish	207	102	Scale		0		
ES0107	4	7686	Mountain whitefish	340				2	Yellow	3592
ES0107	4	7711	Mountain whitefish	328	332	Scale		0	Yellow	6748
ES0107	4	7712	Mountain whitefish	313	306	Scale		0	Yellow	6749
ES0107	4	7713	Mountain whitefish	264	194	Scale		0	Yellow	6750
ES0107	4	7691	Mountain whitefish	321				2	Yellow	5065
ES0107	4	7708	Mountain whitefish	309	318	Scale		0	Yellow	6745
ES0107	4	7709	Mountain whitefish	314	306	Scale		0	Yellow	6746
ES0107	4	7696	Mountain whitefish	316	368	Scale		0		
ES0107	4	7706	Mountain whitefish	332	396	Scale		0	Yellow	6743
ES0107	4	7705	Mountain whitefish	319	252	Scale		0	Yellow	6742
ES0107	4	7704	Mountain whitefish	334	370	Scale		0	Yellow	6741
ES0107	4	7703	Mountain whitefish	340	378	Scale		0	Yellow	6740
ES0107	4	7695	Mountain whitefish	442	894	Scale		0	Yellow	6734
ES0107	4	7702	Mountain whitefish	293	302	Scale		0	Yellow	6739
ES0107	4	7701	Mountain whitefish	334	366	Scale		0	Yellow	6738
ES0107	4	7689	Mountain whitefish	304		Scale		0	Yellow	6731
ES0107	4	7700	Mountain whitefish	355	488	Scale		0	Yellow	6737
ES0107	4	7694	Mountain whitefish	345	354	Scale		0	Yellow	6733
ES0107	4	7685	Rainbow trout	379				0		
ES0107	6	11490	Mountain whitefish	330				2	Yellow	6741
ES0107	6	11492	Mountain whitefish	328				2	Yellow	2086
ES0107	6	11491	Mountain whitefish	327				2	Yellow	2079
ES0108	1	255	Arctic grayling	324	438			0	Yellow	2128
ES0108	1	266	Bull trout	510	1810	Fin Ray	5	0	Yellow	2139
ES0108	1	265	Bull trout	310	302	Fin Ray	3	0	Yellow	2138
ES0108	1	245	Largescale sucker	934				0		
ES0108	1	237	Longnose sucker	437	1072			0		
ES0108	1	259	Longnose sucker	399				0		
ES0108	1	236	Longnose sucker	310	334			0		
ES0108	1	241	Longnose sucker	416	800			0		
ES0108	1	264	Mountain whitefish	342	428	Scale		0	Yellow	2137
ES0108	1	263	Mountain whitefish	436	852	Scale		0	Yellow	2136
ES0108	1	243	Mountain whitefish	329	348	Scale		0	Yellow	2124
ES0108	1	253	Mountain whitefish	324	304	Scale		0	Yellow	2127
ES0108	1	252	Mountain whitefish	325	442	Scale		0		
ES0108	1	250	Mountain whitefish	335	332	Scale		0	Yellow	2126
ES0108	1	249	Mountain whitefish	310	350	Scale		0	Yellow	2121
ES0108	1	248	Mountain whitefish	321	374	Scale		0	Yellow	2116
ES0108	1	262	Mountain whitefish	344	408	Scale		0	Yellow	2135
ES0108	1	246	Mountain whitefish	312	334	Scale	5	0	Yellow	2125
ES0108	1	254	Mountain whitefish	285	236	Scale		0		
ES0108	1	244	Mountain whitefish	288				2	Yellow	2121
ES0108	1	242	Mountain whitefish	326	340	Scale		0	Yellow	2123
ES0108	1	240	Mountain whitefish	311	336	Scale		0		
ES0108	1	239	Mountain whitefish	300	292	Scale		0		
ES0108	1	238	Mountain whitefish	371	588	Scale		0	Yellow	2122
ES0108	1	235	Mountain whitefish	288	272	Scale		0		
ES0108	1	257	Mountain whitefish	350	406	Scale		0	Yellow	2131
ES0108	1	247	Mountain whitefish	345	394	Scale		0	Yellow	2099
ES0108	1	256	Mountain whitefish	270	212	Scale		0	Yellow	2129



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0108	1	260	Mountain whitefish	345	408	Scale		0	Yellow	2133
ES0108	1	261	Mountain whitefish	334	428	Scale		0	Yellow	2134
ES0108	1	258	Mountain whitefish	262	204	Scale		0	Yellow	2132
ES0108	1	251	Rainbow trout	233	126			0		
ES0108	1	234	Rainbow trout	395	700			0		
ES0108	2	2481	Largescale sucker	514	1528			0		
ES0108	2	2478	Longnose sucker	408	786			0		
ES0108	2	2479	Longnose sucker	425	945			0		
ES0108	2	2480	Longnose sucker	393	788			0		
ES0108	2	2497	Mountain whitefish	319	292	Scale		0	Yellow	3588
ES0108	2	2489	Mountain whitefish	305	258	Scale		0	Yellow	3583
ES0108	2	2493	Mountain whitefish	350	440	Scale		0	Yellow	3586
ES0108	2	2498	Mountain whitefish	323	332	Scale		0	Yellow	3589
ES0108	2	2494	Mountain whitefish	318	338	Scale		0	Yellow	3587
ES0108	2	2496	Mountain whitefish	197	76	Scale		0		
ES0108	2	2495	Mountain whitefish	248	174	Scale		0		
ES0108	2	2483	Mountain whitefish	342	294	Scale		0	Yellow	3577
ES0108	2	2487	Mountain whitefish	315	308	Scale		0	Yellow	3581
ES0108	2	2485	Mountain whitefish	342	394	Scale		0	Yellow	3579
ES0108	2	2488	Mountain whitefish	335	386	Scale		0	Yellow	3582
ES0108	2	2490	Mountain whitefish	356	412	Scale		0	Yellow	3584
ES0108	2	2491	Mountain whitefish	366	520	Scale		0	Yellow	3585
ES0108	2	2492	Mountain whitefish	390	560	Scale		0		
ES0108	2	2482	Mountain whitefish	275	218	Scale		0	Yellow	3576
ES0108	2	2484	Mountain whitefish	320	314	Scale		0	Yellow	3578
ES0108	2	2499	Mountain whitefish	230	136	Scale		0		
ES0108	2	2486	Mountain whitefish	326	314	Scale		0	Yellow	3580
ES0108	3	4942	Largescale sucker	502	1510			0		
ES0108	3	4936	Largescale sucker	416	902			0		
ES0108	3	4944	Largescale sucker	454	1252			0		
ES0108	3	4943	Largescale sucker	416	844			0		
ES0108	3	4941	Longnose sucker	389	764			0		
ES0108	3	4945	Longnose sucker	325	484			0		
ES0108	3	4938	Longnose sucker	345	474			0		
ES0108	3	4939	Longnose sucker	434	1072			0		
ES0108	3	4940	Longnose sucker	405	752			0		
ES0108	3	4937	Longnose sucker	431	1010			0		
ES0108	3	4951	Mountain whitefish	385	584	Scale		0	Yellow	5074
ES0108	3	4959	Mountain whitefish	325	330	Scale		0	Yellow	5078
ES0108	3	4962	Mountain whitefish	312	320	Scale		0	Yellow	5080
ES0108	3	4952	Mountain whitefish	317	376	Scale		0		
ES0108	3	4953	Mountain whitefish	321	348	Scale		0		
ES0108	3	4954	Mountain whitefish	340	418	Scale		0	Yellow	5075
ES0108	3	4955	Mountain whitefish	301	312	Scale		0		
ES0108	3	4956	Mountain whitefish	317	322	Scale		0	Yellow	5058
ES0108	3	4958	Mountain whitefish	317	308	Scale		0	Yellow	5077
ES0108	3	4961	Mountain whitefish	311	292	Scale		0	Yellow	5079
ES0108	3	4963	Mountain whitefish	342	370	Scale		0	Yellow	5081
ES0108	3	4964	Mountain whitefish	344	390	Scale		0	Yellow	5082
ES0108	3	4965	Mountain whitefish	306	284	Scale		0	Yellow	5083
ES0108	3	4978	Mountain whitefish	342	406	Scale		0	Yellow	5096
ES0108	3	4957	Mountain whitefish	312	282	Scale		0	Yellow	5076
ES0108	3	4971	Mountain whitefish	342	392	Scale		0	Yellow	5089
ES0108	3	4973	Mountain whitefish	284	248	Scale		0	Yellow	5091
ES0108	3	4980	Mountain whitefish	318	306	Scale		0	Yellow	5098
ES0108	3	4979	Mountain whitefish	309	298	Scale		0	Yellow	5097
ES0108	3	4977	Mountain whitefish	322	316	Scale		0	Yellow	5095
ES0108	3	4948	Mountain whitefish	329	340			2	Yellow	2123
ES0108	3	4967	Mountain whitefish	333	348	Scale		0	Yellow	5085
ES0108	3	4976	Mountain whitefish	316	318	Scale		0	Yellow	5094
ES0108	3	4972	Mountain whitefish	321	340	Scale		0	Yellow	5090
ES0108	3	4950	Mountain whitefish	312	300			2	Yellow	2141
ES0108	3	4970	Mountain whitefish	344	384	Scale		0	Yellow	5088
ES0108	3	4969	Mountain whitefish	288	258	Scale		0	Yellow	5087
ES0108	3	4975	Mountain whitefish	289	254	Scale		0	Yellow	5093
ES0108	3	4966	Mountain whitefish	345	398	Scale		0	Yellow	5084
ES0108	3	4968	Mountain whitefish	257	180	Scale		0	Yellow	5086
ES0108	3	4947	Mountain whitefish	317	350			2	Yellow	2121
ES0108	3	4946	Mountain whitefish	331	358			2	Yellow	1646

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0108	3	4974	Mountain whitefish	320	314	Scale		0	Yellow	5092
ES0108	3	4949	Mountain whitefish	322	366			2	Yellow	2163
ES0108	3	4960	Northern pikeminnow	288	298			0		
ES0108	4	7683	Bull trout	334	368	Fin Ray	4	0	Yellow	6728
ES0108	4	7663	Longnose sucker	394	780			0		
ES0108	4	7664	Longnose sucker	424	934			0		
ES0108	4	7667	Longnose sucker	400	770			0		
ES0108	4	7665	Longnose sucker	435	834			0		
ES0108	4	7666	Longnose sucker	445	1016			0		
ES0108	4	7673	Mountain whitefish	318	300	Scale		0	Yellow	6718
ES0108	4	7678	Mountain whitefish	300	340	Scale		0	Yellow	6723
ES0108	4	7669	Mountain whitefish	335				2	Yellow	3584
ES0108	4	7677	Mountain whitefish	321	332	Scale		0	Yellow	6722
ES0108	4	7676	Mountain whitefish	305	284	Scale	4	0	Yellow	6721
ES0108	4	7674	Mountain whitefish	313	334	Scale		0	Yellow	6719
ES0108	4	7680	Mountain whitefish	424	812	Scale		0	Yellow	6725
ES0108	4	7670	Mountain whitefish	330				2	Yellow	3580
ES0108	4	7671	Mountain whitefish	337				2	Yellow	5166
ES0108	4	7672	Mountain whitefish	331	360	Scale		0	Yellow	6717
ES0108	4	7675	Mountain whitefish	281	226	Scale		0	Yellow	6720
ES0108	4	7682	Mountain whitefish	307	364	Scale		0	Yellow	6727
ES0108	4	7681	Mountain whitefish	307	330	Scale		0	Yellow	6726
ES0108	4	7679	Mountain whitefish	319	360	Scale		0	Yellow	6724
ES0108	4	7668	Northern pikeminnow	295	336			0		
ES0108	5	9824	Mountain whitefish	312				2	Yellow	5076
ES0108	5	9825	Mountain whitefish	312				2	Yellow	6719
ES0108	5	9826	Mountain whitefish	316				2	Yellow	2163
ES0108	5	9827	Mountain whitefish	324				2	Yellow	3589
ES0108	6	11493	Bull trout	323	308	Fin Ray	4	0	Yellow	7889
ES0108	6	11517	Mountain whitefish	328				2	Yellow	2086
ES0108	6	11519	Mountain whitefish	289				2	Yellow	5061
ES0108	6	11518	Mountain whitefish	300				2	Yellow	6845
ES0109	1	290	Longnose sucker	466	1158			0		
ES0109	1	339	Longnose sucker	431	980			0		
ES0109	1	321	Mountain whitefish	302	312	Scale		0	Yellow	2182
ES0109	1	347	Mountain whitefish	329	418	Scale		1		
ES0109	1	296	Mountain whitefish	244	174	Scale		0		
ES0109	1	310	Mountain whitefish	333	368	Scale		0	Yellow	2173
ES0109	1	324	Mountain whitefish	354	442	Scale		0	Yellow	2185
ES0109	1	286	Mountain whitefish	333	316	Scale		0	Yellow	2152
ES0109	1	312	Mountain whitefish	290				2	Yellow	2100
ES0109	1	313	Mountain whitefish	269	220	Scale		0	Yellow	2175
ES0109	1	314	Mountain whitefish	307	306	Scale		0	Yellow	2176
ES0109	1	315	Mountain whitefish	315	348	Scale		0	Yellow	2177
ES0109	1	316	Mountain whitefish	242	148	Scale	3	0		
ES0109	1	317	Mountain whitefish	294	316	Scale		0	Yellow	2178
ES0109	1	318	Mountain whitefish	329	386	Scale		0	Yellow	2179
ES0109	1	346	Mountain whitefish	282	224	Scale		0	Yellow	2198
ES0109	1	320	Mountain whitefish	314	328	Scale		0	Yellow	2181
ES0109	1	345	Mountain whitefish	257	176	Scale		0	Yellow	2197
ES0109	1	336	Mountain whitefish	351	396	Scale		0	Yellow	2193
ES0109	1	323	Mountain whitefish	397	530	Scale		0	Yellow	2184
ES0109	1	335	Mountain whitefish	331	392	Scale		0	Yellow	2192
ES0109	1	325	Mountain whitefish	309	272	Scale		0	Yellow	2186
ES0109	1	326	Mountain whitefish	326	360	Scale		0	Yellow	2187
ES0109	1	327	Mountain whitefish	315	366	Scale		0	Yellow	2188
ES0109	1	328	Mountain whitefish	223	132	Scale		0		
ES0109	1	329	Mountain whitefish	321	328	Scale		0	Yellow	2189
ES0109	1	330	Mountain whitefish	237	140	Scale		0		
ES0109	1	331	Mountain whitefish	323	398	Scale		0	Yellow	2190
ES0109	1	332	Mountain whitefish	226	138	Scale		0		
ES0109	1	333	Mountain whitefish	396	592	Scale		0	Yellow	2191
ES0109	1	322	Mountain whitefish	303	294	Scale		0	Yellow	2183
ES0109	1	319	Mountain whitefish	341	408	Scale		0	Yellow	2180
ES0109	1	283	Mountain whitefish	292	266	Scale		0		
ES0109	1	344	Mountain whitefish	283	254	Scale		0		
ES0109	1	301	Mountain whitefish	324	358	Scale		0	Yellow	2164
ES0109	1	307	Mountain whitefish	317	318	Scale		0	Yellow	2170
ES0109	1	303	Mountain whitefish	364	518	Scale		0	Yellow	2166

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0109	1	304	Mountain whitefish	332	382	Scale		0	Yellow	2167
ES0109	1	305	Mountain whitefish	331	344	Scale		0	Yellow	2168
ES0109	1	306	Mountain whitefish	328	380	Scale		0	Yellow	2169
ES0109	1	334	Mountain whitefish	244	154	Scale		0		
ES0109	1	308	Mountain whitefish	330	380	Scale		0	Yellow	2171
ES0109	1	270	Mountain whitefish	342	378	Scale		0	Yellow	2142
ES0109	1	299	Mountain whitefish	304	270	Scale		0	Yellow	2162
ES0109	1	267	Mountain whitefish	327	360	Scale		0	Yellow	2140
ES0109	1	300	Mountain whitefish	327	374	Scale		0	Yellow	2163
ES0109	1	269	Mountain whitefish	391	624	Scale		0		
ES0109	1	271	Mountain whitefish	330	374	Scale		0	Yellow	2143
ES0109	1	272	Mountain whitefish	348	396	Scale		0	Yellow	2144
ES0109	1	273	Mountain whitefish	305	302	Scale		0	Yellow	2145
ES0109	1	274	Mountain whitefish	371	480	Scale		0	Yellow	2146
ES0109	1	275	Mountain whitefish	315	308	Scale		0	Yellow	2147
ES0109	1	276	Mountain whitefish	330	370	Scale		0		
ES0109	1	277	Mountain whitefish	267	184	Scale		0	Yellow	2148
ES0109	1	278	Mountain whitefish	387	562	Scale		2	Yellow	1610
ES0109	1	279	Mountain whitefish	349	394	Scale		0	Yellow	2149
ES0109	1	280	Mountain whitefish	327	284	Scale		0	Yellow	2150
ES0109	1	268	Mountain whitefish	312	292	Scale		0	Yellow	2141
ES0109	1	298	Mountain whitefish	312	292	Scale		0	Yellow	2161
ES0109	1	343	Mountain whitefish	239	156	Scale		0		
ES0109	1	311	Mountain whitefish	296	282	Scale		0	Yellow	2174
ES0109	1	342	Mountain whitefish	237	142	Scale		0		
ES0109	1	341	Mountain whitefish	235	146	Scale		0		
ES0109	1	340	Mountain whitefish	327	336	Scale		0	Yellow	2196
ES0109	1	338	Mountain whitefish	302	284	Scale		0	Yellow	2195
ES0109	1	337	Mountain whitefish	345	430	Scale		0	Yellow	2194
ES0109	1	302	Mountain whitefish	319	332	Scale		0	Yellow	2165
ES0109	1	309	Mountain whitefish	336	376	Scale		0	Yellow	2172
ES0109	1	281	Mountain whitefish	321	368	Scale		0	Yellow	2130
ES0109	1	288	Mountain whitefish	302	368	Scale		0	Yellow	2154
ES0109	1	291	Mountain whitefish	291	300			5	Yellow	2155
ES0109	1	297	Mountain whitefish	360	320	Scale		0	Yellow	2160
ES0109	1	282	Mountain whitefish	344	450	Scale		0		
ES0109	1	295	Mountain whitefish	310	336	Scale		0	Yellow	2159
ES0109	1	294	Mountain whitefish	314	326	Scale		0	Yellow	2158
ES0109	1	293	Mountain whitefish	324	336	Scale		0	Yellow	2157
ES0109	1	292	Mountain whitefish	318	322	Scale		0	Yellow	2156
ES0109	1	284	Mountain whitefish	310	342	Scale		0		
ES0109	1	289	Mountain whitefish	334	394	Scale		0		
ES0109	1	287	Mountain whitefish	357	486	Scale		0	Yellow	2153
ES0109	1	285	Mountain whitefish	346	436	Scale		0	Yellow	2151
ES0109	2	2791	Kokanee	193	74			0		
ES0109	2	2792	Kokanee	143	30			0		
ES0109	2	2788	Longnose sucker	396	742			0		
ES0109	2	2757	Longnose sucker	468	1130			0		
ES0109	2	2759	Longnose sucker	407	860			0		
ES0109	2	2760	Longnose sucker	413	886			0		
ES0109	2	2801	Mountain whitefish	317	328	Scale		0	Yellow	3799
ES0109	2	2823	Mountain whitefish	307	304	Scale		0	Yellow	3818
ES0109	2	2773	Mountain whitefish	315	334	Scale		0	Yellow	3785
ES0109	2	2816	Mountain whitefish	293	262	Scale		0	Yellow	3812
ES0109	2	2768	Mountain whitefish	308	334	Scale		0	Yellow	3783
ES0109	2	2809	Mountain whitefish	319	360	Scale	5	0	Yellow	3807
ES0109	2	2784	Mountain whitefish	340	398	Scale		0		
ES0109	2	2802	Mountain whitefish	296	298	Scale		0	Yellow	3801
ES0109	2	2803	Mountain whitefish	300	264	Scale		0	Yellow	3802
ES0109	2	2804	Mountain whitefish	324	350	Scale		0	Yellow	3803
ES0109	2	2805	Mountain whitefish	304	286	Scale	5	0	Yellow	3804
ES0109	2	2812	Mountain whitefish	242	148	Scale		0		
ES0109	2	2800	Mountain whitefish	332	390	Scale		0	Yellow	3798
ES0109	2	2758	Mountain whitefish	307	312	Scale		0	Yellow	3778
ES0109	2	2818	Mountain whitefish	312	350	Scale		0	Yellow	3813
ES0109	2	2822	Mountain whitefish	347	386	Scale		0	Yellow	3817
ES0109	2	2821	Mountain whitefish	326	362	Scale		0	Yellow	3816
ES0109	2	2808	Mountain whitefish	315	302	Scale		0	Yellow	3806
ES0109	2	2815	Mountain whitefish	285	276	Scale		0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0109	2	2810	Mountain whitefish	325	346	Scale		0	Yellow	3808
ES0109	2	2819	Mountain whitefish	343	372	Scale		0	Yellow	3814
ES0109	2	2811	Mountain whitefish	293	256	Scale		0	Yellow	3809
ES0109	2	2817	Mountain whitefish	315	300	Scale		0		
ES0109	2	2806	Mountain whitefish	335	356	Scale		0	Yellow	3805
ES0109	2	2761	Mountain whitefish	315	360	Scale		0	Yellow	3779
ES0109	2	2779	Mountain whitefish	323	322	Scale		0		
ES0109	2	2780	Mountain whitefish	352	464	Scale		0		
ES0109	2	2781	Mountain whitefish	335	356	Scale		0		
ES0109	2	2782	Mountain whitefish	323	330	Scale		0		
ES0109	2	2783	Mountain whitefish	237	124	Scale		0		
ES0109	2	2776	Mountain whitefish	320	360	Scale		0	Yellow	3788
ES0109	2	2786	Mountain whitefish	312	282	Scale		0		
ES0109	2	2765	Mountain whitefish	310	382	Scale		0		
ES0109	2	2764	Mountain whitefish	330	444	Scale		0	Yellow	3781
ES0109	2	2755	Mountain whitefish	323	322	Scale		0	Yellow	3776
ES0109	2	2762	Mountain whitefish	321	346			2	Yellow	2080
ES0109	2	2756	Mountain whitefish	323	310	Scale		0	Yellow	3777
ES0109	2	2777	Mountain whitefish	324	348	Scale		0	Yellow	3789
ES0109	2	2767	Mountain whitefish	316	356	Scale		0		
ES0109	2	2774	Mountain whitefish	310	374	Scale	6	0	Yellow	3786
ES0109	2	2772	Mountain whitefish	320	280	Scale		0		
ES0109	2	2771	Mountain whitefish	325	360			2	Yellow	2140
ES0109	2	2770	Mountain whitefish	304	320			2	Yellow	2170
ES0109	2	2769	Mountain whitefish	329	370	Scale		0	Yellow	3784
ES0109	2	2775	Mountain whitefish	270	132	Scale		0	Yellow	3787
ES0109	2	2778	Mountain whitefish	320	412	Scale		0		
ES0109	2	2820	Mountain whitefish	318	336	Scale		0	Yellow	3815
ES0109	2	2763	Mountain whitefish	323	314	Scale		0	Yellow	3780
ES0109	2	2797	Mountain whitefish	351	402	Scale		0	Yellow	3796
ES0109	2	2813	Mountain whitefish	320	352	Scale		0	Yellow	3810
ES0109	2	2814	Mountain whitefish	305	330	Scale		0	Yellow	3811
ES0109	2	2807	Mountain whitefish	325	358	Scale		0		
ES0109	2	2785	Mountain whitefish	316	356	Scale		0		
ES0109	2	2799	Mountain whitefish	350	386	Scale		0	Yellow	3797
ES0109	2	2798	Mountain whitefish	266	196	Scale		0		
ES0109	2	2796	Mountain whitefish	325	336	Scale		0	Yellow	3795
ES0109	2	2795	Mountain whitefish	321	328	Scale		0	Yellow	3794
ES0109	2	2794	Mountain whitefish	283	246	Scale		0	Yellow	3793
ES0109	2	2793	Mountain whitefish	312	338	Scale		0	Yellow	3792
ES0109	2	2790	Mountain whitefish	328	362	Scale		0	Yellow	3791
ES0109	2	2789	Mountain whitefish	333	348	Scale		0	Yellow	3790
ES0109	2	2787	Mountain whitefish	317	282	Scale		0		
ES0109	2	2766	Mountain whitefish	325	454	Scale		0	Yellow	3782
ES0109	3	4981	Longnose sucker	303	310			0		
ES0109	3	5049	Longnose sucker	395	790			0		
ES0109	3	5047	Longnose sucker	393	736			0		
ES0109	3	4995	Mountain whitefish	319		Scale		1		
ES0109	3	5023	Mountain whitefish	357	418	Scale		0	Yellow	5127
ES0109	3	4984	Mountain whitefish	317	340			2	Yellow	3792
ES0109	3	5025	Mountain whitefish	339	458	Scale		0	Yellow	5129
ES0109	3	5008	Mountain whitefish	318	378	Scale		0	Yellow	5117
ES0109	3	5026	Mountain whitefish	319	348	Scale		0	Yellow	5130
ES0109	3	5027	Mountain whitefish	320	346	Scale		0	Yellow	5131
ES0109	3	4998	Mountain whitefish	300	304	Scale		0	Yellow	5111
ES0109	3	5028	Mountain whitefish	330	342	Scale		0	Yellow	5132
ES0109	3	4989	Mountain whitefish	315	348	Scale		0	Yellow	5104
ES0109	3	5021	Mountain whitefish	310	336	Scale		0	Yellow	5126
ES0109	3	4996	Mountain whitefish	257	180	Scale		0	Yellow	5109
ES0109	3	4994	Mountain whitefish	307		Scale		0	Yellow	5108
ES0109	3	4993	Mountain whitefish	337	370	Scale		0	Yellow	5107
ES0109	3	4992	Mountain whitefish	313	322	Scale		0	Yellow	5106
ES0109	3	4982	Mountain whitefish	345	440	Scale		0	Yellow	5099
ES0109	3	4990	Mountain whitefish	189	64	Scale		0		
ES0109	3	4983	Mountain whitefish	305	318	Scale		0	Yellow	5100
ES0109	3	4988	Mountain whitefish	324	380	Scale	6	0		
ES0109	3	4987	Mountain whitefish	333	356	Scale		0	Yellow	5103
ES0109	3	4986	Mountain whitefish	327	364	Scale		0	Yellow	5102
ES0109	3	4985	Mountain whitefish	315	362	Scale		0	Yellow	5101

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0109	3	4997	Mountain whitefish	324	370	Scale	6	0	Yellow	5110
ES0109	3	5075	Mountain whitefish	249	172	Scale		0		
ES0109	3	5071	Mountain whitefish	247	152	Scale		0		
ES0109	3	5061	Mountain whitefish	327	360	Scale		0	Yellow	5154
ES0109	3	5064	Mountain whitefish	320	306	Scale		0	Yellow	5156
ES0109	3	5065	Mountain whitefish	238	140	Scale	3	0		
ES0109	3	5066	Mountain whitefish	240	130	Scale	3	0		
ES0109	3	5067	Mountain whitefish	322	336	Scale	5	0	Yellow	5157
ES0109	3	5068	Mountain whitefish	314	318	Scale		0	Yellow	5158
ES0109	3	5070	Mountain whitefish	327	376	Scale		0	Yellow	5160
ES0109	3	5072	Mountain whitefish	270	202	Scale		0	Yellow	5161
ES0109	3	5019	Mountain whitefish	313	298			2	Yellow	3806
ES0109	3	5074	Mountain whitefish	208	86	Scale		0		
ES0109	3	5022	Mountain whitefish	320	384			2	Yellow	2150
ES0109	3	5076	Mountain whitefish	254	184	Scale		0	Yellow	5163
ES0109	3	5077	Mountain whitefish	350	442	Scale		0	Yellow	5164
ES0109	3	5078	Mountain whitefish	265	184	Scale		0	Yellow	5165
ES0109	3	5069	Mountain whitefish	318	342	Scale		0	Yellow	5159
ES0109	3	5062	Mountain whitefish	335	360	Scale		0	Yellow	5155
ES0109	3	5024	Mountain whitefish	325	316	Scale	6	0	Yellow	5128
ES0109	3	5017	Mountain whitefish	334	342	Scale		0		
ES0109	3	5059	Mountain whitefish	318	276	Scale		0	Yellow	5153
ES0109	3	5016	Mountain whitefish	310	362	Scale		0	Yellow	5123
ES0109	3	5020	Mountain whitefish	339	468	Scale		0	Yellow	5125
ES0109	3	5073	Mountain whitefish	251	188	Scale		0	Yellow	5162
ES0109	3	5039	Mountain whitefish	310	348	Scale		0	Yellow	5140
ES0109	3	5052	Mountain whitefish	249	178	Scale		0		
ES0109	3	5053	Mountain whitefish	333	352	Scale		0	Yellow	5147
ES0109	3	5055	Mountain whitefish	313	336	Scale		0	Yellow	5149
ES0109	3	5045	Mountain whitefish	327	268	Scale		0	Yellow	5145
ES0109	3	5058	Mountain whitefish	340	392	Scale		0	Yellow	5152
ES0109	3	5044	Mountain whitefish	307	280	Scale	5	0	Yellow	5144
ES0109	3	5033	Mountain whitefish	314	318	Scale		0	Yellow	5134
ES0109	3	5034	Mountain whitefish	335	400	Scale		0	Yellow	5135
ES0109	3	5035	Mountain whitefish	314	346	Scale		0	Yellow	5136
ES0109	3	5051	Mountain whitefish	222	394	Scale		0		
ES0109	3	5030	Mountain whitefish	319	342	Scale		1		
ES0109	3	5057	Mountain whitefish	326	360	Scale		0	Yellow	5151
ES0109	3	5040	Mountain whitefish	334	394	Scale		0	Yellow	5141
ES0109	3	5041	Mountain whitefish	253	166	Scale		0	Yellow	5142
ES0109	3	5038	Mountain whitefish	268	224	Scale		0	Yellow	5139
ES0109	3	5042	Mountain whitefish	238	134	Scale		0		
ES0109	3	5043	Mountain whitefish	333	366	Scale		0	Yellow	5143
ES0109	3	5054	Mountain whitefish	342	360	Scale		0	Yellow	5148
ES0109	3	4999	Mountain whitefish	408	650	Scale		0	Yellow	5112
ES0109	3	5060	Mountain whitefish	319	242			2	Yellow	3803
ES0109	3	4991	Mountain whitefish	327	376	Scale		0	Yellow	5105
ES0109	3	5018	Mountain whitefish	324	240	Scale		0	Yellow	5124
ES0109	3	5037	Mountain whitefish	337	340	Scale		0	Yellow	5138
ES0109	3	5032	Mountain whitefish	248	138	Scale		0		
ES0109	3	5006	Mountain whitefish	326	396	Scale		0		
ES0109	3	5000	Mountain whitefish	329	414	Scale	6	0		
ES0109	3	5001	Mountain whitefish	324	322			2	Yellow	1086
ES0109	3	5048	Mountain whitefish	312	344	Scale		0	Yellow	5146
ES0109	3	5029	Mountain whitefish	334	392	Scale		0	Yellow	5133
ES0109	3	5002	Mountain whitefish	326	312	Scale		0	Yellow	5113
ES0109	3	5003	Mountain whitefish	346	442	Scale		0	Yellow	5114
ES0109	3	5036	Mountain whitefish	338	380	Scale		0	Yellow	5137
ES0109	3	5010	Mountain whitefish	343	343	Scale		0	Yellow	5119
ES0109	3	5050	Mountain whitefish	242	164	Scale		0		
ES0109	3	5005	Mountain whitefish	314	370	Scale		0	Yellow	5116
ES0109	3	5015	Mountain whitefish	325	212	Scale		0	Yellow	5122
ES0109	3	5007	Mountain whitefish	337	454			2	Yellow	3782
ES0109	3	5014	Mountain whitefish	320	368	Scale		0	Yellow	5121
ES0109	3	5046	Mountain whitefish	248	156	Scale		0		
ES0109	3	5056	Mountain whitefish	319	352	Scale		0	Yellow	5150
ES0109	3	5031	Mountain whitefish	335	330	Scale		1		
ES0109	3	5004	Mountain whitefish	335	420	Scale		0	Yellow	5115
ES0109	3	5009	Mountain whitefish	325	388	Scale		0	Yellow	5118

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0109	3	5013	Mountain whitefish	331	790	Scale		0		
ES0109	3	5012	Mountain whitefish	296	240	Scale		0	Yellow	5120
ES0109	3	5011	Mountain whitefish	307	352	Scale		0		
ES0109	3	5063	Mountain whitefish	248	150	Scale		0		
ES0109	4	7655	Kokanee	284	244			0		
ES0109	4	7662	Kokanee	124	18			0		
ES0109	4	7633	Longnose sucker	418	898			0		
ES0109	4	7635	Mountain whitefish	393	716	Scale		0	Yellow	6696
ES0109	4	7641	Mountain whitefish	327				2	Yellow	2130
ES0109	4	7661	Mountain whitefish	255	178	Scale		0	Yellow	6716
ES0109	4	7653	Mountain whitefish	310	288	Scale		0	Yellow	6710
ES0109	4	7648	Mountain whitefish	319	318	Scale		0	Yellow	6705
ES0109	4	7634	Mountain whitefish	465	1042	Scale		0	Yellow	6695
ES0109	4	7650	Mountain whitefish	309	360	Scale		0	Yellow	6707
ES0109	4	7640	Mountain whitefish	359				2	Yellow	6689
ES0109	4	7639	Mountain whitefish	331	374	Scale		0	Yellow	6700
ES0109	4	7647	Mountain whitefish	309	344	Scale		0	Yellow	6704
ES0109	4	7637	Mountain whitefish	415	744	Scale		0	Yellow	6698
ES0109	4	7652	Mountain whitefish	328	366	Scale		0	Yellow	6709
ES0109	4	7636	Mountain whitefish	475	1308	Scale		0	Yellow	6697
ES0109	4	7644	Mountain whitefish	359	468	Scale		0	Yellow	6701
ES0109	4	7642	Mountain whitefish	297	326	Scale		0		
ES0109	4	7645	Mountain whitefish	320	374	Scale		0	Yellow	6702
ES0109	4	7646	Mountain whitefish	359	474	Scale		0	Yellow	6703
ES0109	4	7638	Mountain whitefish	358	530	Scale		0	Yellow	6699
ES0109	4	7656	Mountain whitefish	331	370	Scale		0	Yellow	6712
ES0109	4	7657	Mountain whitefish	318	348	Scale		0	Yellow	6713
ES0109	4	7658	Mountain whitefish	326	378	Scale		0	Yellow	6714
ES0109	4	7651	Mountain whitefish	349	432	Scale		0	Yellow	6708
ES0109	4	7649	Mountain whitefish	297	262	Scale	5	0	Yellow	6706
ES0109	4	7659	Mountain whitefish	261	228	Scale		0	Yellow	6715
ES0109	4	7643	Mountain whitefish	328	378	Scale		0		
ES0109	4	7660	Mountain whitefish	233	144	Scale		0		
ES0109	4	7654	Mountain whitefish	335	380	Scale		0	Yellow	6711
ES0109	5	9828	Bull trout	235	144	Fin Ray	2	0		
ES0109	5	9887	Mountain whitefish	317				2	Yellow	2188
ES0109	5	9879	Mountain whitefish	310				2	Yellow	2145
ES0109	5	9888	Mountain whitefish	330				2	Yellow	5155
ES0109	5	9876	Mountain whitefish	322				2	Yellow	1071
ES0109	5	9882	Mountain whitefish	328				2	Yellow	1086
ES0109	5	9878	Mountain whitefish	310				2	Yellow	3818
ES0109	5	9880	Mountain whitefish	305				2	Yellow	2170
ES0109	5	9884	Mountain whitefish	300				2	Yellow	2195
ES0109	5	9886	Mountain whitefish	318				2	Yellow	3783
ES0109	5	9885	Mountain whitefish	315				2	Yellow	2161
ES0109	5	9877	Mountain whitefish	342				2	Yellow	3814
ES0109	5	9889	Mountain whitefish	332				2	Yellow	5141
ES0109	5	9883	Mountain whitefish	328				2	Yellow	5102
ES0109	5	9881	Mountain whitefish	319				2	Yellow	5153
ES0109	6	11560	Mountain whitefish	340				2	Yellow	5148
ES0109	6	11557	Mountain whitefish	324				2	Yellow	6700
ES0109	6	11553	Mountain whitefish	320				2	Yellow	3786
ES0109	6	11554	Mountain whitefish	331				2	Yellow	5155
ES0109	6	11558	Mountain whitefish	337				2	Yellow	3805
ES0109	6	11556	Mountain whitefish	308				2	Yellow	2145
ES0109	6	11559	Mountain whitefish	337				2	Yellow	5135
ES0109	6	11561	Mountain whitefish	306				2	Yellow	3582
ES0109	6	11555	Mountain whitefish	331				2	Yellow	6712
ES0110	1	216	Bull trout	230	134	Scale	3	0		
ES0110	1	204	Mountain whitefish	325	374	Scale		0	Yellow	2102
ES0110	1	210	Mountain whitefish	319	336	Scale		2	Yellow	1060
ES0110	1	201	Mountain whitefish	325	350	Scale		2	Yellow	57
ES0110	1	208	Mountain whitefish	316	328	Scale		0	Yellow	2106
ES0110	1	209	Mountain whitefish	229	144	Scale		0		
ES0110	1	218	Mountain whitefish	307	290	Scale		2	Yellow	65
ES0110	1	215	Mountain whitefish	352	448	Scale		0	Yellow	2110
ES0110	1	190	Mountain whitefish	306	296	Scale		0	Yellow	2081
ES0110	1	192	Mountain whitefish	246	148	Scale		0		
ES0110	1	203	Mountain whitefish	293	242	Scale		0	Yellow	2101

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0110	1	211	Mountain whitefish	313	310	Scale		0	Yellow	2107
ES0110	1	202	Mountain whitefish	322	372	Scale		0		
ES0110	1	196	Mountain whitefish	338	410	Scale		0	Yellow	2076
ES0110	1	206	Mountain whitefish	304	294	Scale	5	0	Yellow	2104
ES0110	1	193	Mountain whitefish	328	344	Scale		0	Yellow	2079
ES0110	1	205	Mountain whitefish	275	218	Scale		0	Yellow	2103
ES0110	1	187	Mountain whitefish	344	436	Scale		0	Yellow	2084
ES0110	1	194	Mountain whitefish	256	164	Scale		0	Yellow	2078
ES0110	1	195	Mountain whitefish	300	264	Scale		0	Yellow	2077
ES0110	1	188	Mountain whitefish	334	360	Scale		0	Yellow	2083
ES0110	1	217	Mountain whitefish	254	194	Scale		0	Yellow	2111
ES0110	1	207	Mountain whitefish	305	322	Scale		0	Yellow	2105
ES0110	1	197	Mountain whitefish	329	362	Scale		0	Yellow	2069
ES0110	1	189	Mountain whitefish	278	258	Scale		0	Yellow	2082
ES0110	1	212	Mountain whitefish	317	318	Scale		0	Yellow	2108
ES0110	1	198	Mountain whitefish	239	158	Scale		0		
ES0110	1	191	Mountain whitefish	321	352	Scale		0	Yellow	2080
ES0110	1	199	Mountain whitefish	285	248	Scale		0	Yellow	2063
ES0110	1	200	Mountain whitefish	231	156	Scale		0		
ES0110	1	214	Mountain whitefish	330	354	Scale		0	Yellow	2109
ES0110	1	213	Rainbow trout	308	382			0		
ES0110	2	2830	Bull trout	310	310	Fin Ray	3	0	Yellow	3824
ES0110	2	2829	Bull trout	252	168	Scale	2	0	Yellow	3823
ES0110	2	2835	Mountain whitefish	290	256	Scale		0	Yellow	3828
ES0110	2	2834	Mountain whitefish	330	328	Scale		0		
ES0110	2	2836	Mountain whitefish	238	140	Scale		0		
ES0110	2	2838	Mountain whitefish	245	166	Scale		0		
ES0110	2	2828	Mountain whitefish	317	310	Scale		0	Yellow	3822
ES0110	2	2833	Mountain whitefish	337	350	Scale		0	Yellow	3827
ES0110	2	2824	Mountain whitefish	310	338	Scale		0		
ES0110	2	2839	Mountain whitefish	313	354	Scale		0	Yellow	3829
ES0110	2	2827	Mountain whitefish	320	322	Scale		0	Yellow	3821
ES0110	2	2837	Mountain whitefish	248	174	Scale		0		
ES0110	2	2826	Mountain whitefish	343	364	Scale		0	Yellow	3820
ES0110	2	2825	Mountain whitefish	310	318	Scale		0	Yellow	3819
ES0110	2	2832	Mountain whitefish	328	350	Scale		0	Yellow	3826
ES0110	2	2831	Mountain whitefish	291	240	Scale		0	Yellow	3825
ES0110	3	5111	Bull trout	287	216	Scale	3	0	Yellow	5191
ES0110	3	5108	Kokanee	152	30			0		
ES0110	3	5079	Longnose sucker	383	680			0		
ES0110	3	5101	Mountain whitefish	322	328	Scale		0	Yellow	5186
ES0110	3	5081	Mountain whitefish	304	268	Scale		0	Yellow	5167
ES0110	3	5099	Mountain whitefish	314	318	Scale		0	Yellow	5184
ES0110	3	5100	Mountain whitefish	265	204	Scale		0	Yellow	5185
ES0110	3	5098	Mountain whitefish	313	358	Scale		0	Yellow	5183
ES0110	3	5103	Mountain whitefish	311	260	Scale		0	Yellow	5188
ES0110	3	5096	Mountain whitefish	310	306	Scale		0	Yellow	5181
ES0110	3	5095	Mountain whitefish	332	378	Scale		0	Yellow	5180
ES0110	3	5089	Mountain whitefish	310	326	Scale		0	Yellow	5175
ES0110	3	5110	Mountain whitefish	242	150	Scale		0		
ES0110	3	5097	Mountain whitefish	304	290	Scale		0	Yellow	5182
ES0110	3	5091	Mountain whitefish	325	336			2	Yellow	57
ES0110	3	5102	Mountain whitefish	284	270	Scale		0	Yellow	5187
ES0110	3	5082	Mountain whitefish	377	588	Scale		0	Yellow	5168
ES0110	3	5083	Mountain whitefish	340	400	Scale		0	Yellow	5169
ES0110	3	5084	Mountain whitefish	312	290	Scale		0	Yellow	5170
ES0110	3	5085	Mountain whitefish	308	324	Scale		0	Yellow	5171
ES0110	3	5086	Mountain whitefish	325	380	Scale		0	Yellow	5172
ES0110	3	5087	Mountain whitefish	313	310	Scale		0	Yellow	5173
ES0110	3	5080	Mountain whitefish	334	364	Scale		0	Yellow	5166
ES0110	3	5088	Mountain whitefish	324	360	Scale		0	Yellow	5174
ES0110	3	5094	Mountain whitefish	310	270	Scale		0	Yellow	5179
ES0110	3	5109	Mountain whitefish	210	84	Scale		0		
ES0110	3	5107	Mountain whitefish	252	192	Scale		0	Yellow	5190
ES0110	3	5106	Mountain whitefish	240	154	Scale		0		
ES0110	3	5105	Mountain whitefish	245	158	Scale		0		
ES0110	3	5104	Mountain whitefish	274	216	Scale		0	Yellow	5189
ES0110	3	5090	Mountain whitefish	321	296	Scale		0	Yellow	5176
ES0110	3	5092	Mountain whitefish	343	380	Scale		0	Yellow	5177

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0110	3	5093	Mountain whitefish	333	354	Scale		0	Yellow	5178
ES0110	4	7618	Longnose sucker	416	980			0		
ES0110	4	7620	Longnose sucker	428	970			0		
ES0110	4	7619	Longnose sucker	415	856			0		
ES0110	4	7621	Longnose sucker	405	844			0		
ES0110	4	7627	Mountain whitefish	358	468	Scale		0	Yellow	6689
ES0110	4	7628	Mountain whitefish	310	320	Scale		0	Yellow	6690
ES0110	4	7629	Mountain whitefish	315	340	Scale	5	0	Yellow	6691
ES0110	4	7625	Mountain whitefish	348	516	Scale		0	Yellow	6687
ES0110	4	7626	Mountain whitefish	308	282	Scale		0	Yellow	6688
ES0110	4	7624	Mountain whitefish	317	356	Scale		0	Yellow	6686
ES0110	4	7632	Mountain whitefish	281	256	Scale		0	Yellow	6694
ES0110	4	7631	Mountain whitefish	309	348	Scale		0	Yellow	6693
ES0110	4	7623	Mountain whitefish	325	356	Scale		0	Yellow	6685
ES0110	4	7622	Mountain whitefish	311	364	Scale		0		
ES0110	4	7630	Mountain whitefish	278	242	Scale	3	0	Yellow	6692
ES0110	5	9904	Mountain whitefish	325				2	Yellow	5186
ES0110	5	9903	Mountain whitefish	313				2	Yellow	6690
ES0110	5	9905	Mountain whitefish	316				2	Yellow	3822
ES0110	6	11562	Bull trout	261	208	Scale	3	0	Yellow	7890
ES0110	6	11597	Mountain whitefish	312				2	Yellow	5184
ES0110	6	11595	Mountain whitefish	312				2	Yellow	6688
ES0110	6	11593	Mountain whitefish	329				2	Yellow	2076
ES0110	6	11594	Mountain whitefish	315				2	Yellow	3821
ES0110	6	11596	Mountain whitefish	262				2	Yellow	6839
ES0111	1	559	Bull trout	440	1042	Fin Ray	5	0	Yellow	2334
ES0111	1	537	Longnose sucker	285	646			0		
ES0111	1	552	Longnose sucker	405	706			0		
ES0111	1	534	Mountain whitefish	230	132	Scale		0	Yellow	2318
ES0111	1	548	Mountain whitefish	251	174	Scale		0	Yellow	2326
ES0111	1	555	Mountain whitefish	311	326	Scale		0	Yellow	2332
ES0111	1	544	Mountain whitefish	314	328	Scale		0	Yellow	2316
ES0111	1	557	Mountain whitefish	252	168	Scale		0	Yellow	2333
ES0111	1	551	Mountain whitefish	299	300	Scale		0	Yellow	2330
ES0111	1	546	Mountain whitefish	255	184	Scale		0	Yellow	2319
ES0111	1	550	Mountain whitefish	318	374	Scale		0	Yellow	2328
ES0111	1	549	Mountain whitefish	320	344	Scale		0	Yellow	2327
ES0111	1	547	Mountain whitefish	238	182	Scale		0		
ES0111	1	533	Mountain whitefish	274	260	Scale		0		
ES0111	1	529	Mountain whitefish	315	336	Scale		0	Yellow	2313
ES0111	1	541	Mountain whitefish	244	158	Scale		0		
ES0111	1	542	Mountain whitefish	360	458	Scale		0	Yellow	2324
ES0111	1	528	Mountain whitefish	345	436	Scale		0	Yellow	2312
ES0111	1	531	Mountain whitefish	285	264	Scale		0	Yellow	2314
ES0111	1	527	Mountain whitefish	332	374	Scale		0	Yellow	2311
ES0111	1	532	Mountain whitefish	323	316	Scale		0	Yellow	2315
ES0111	1	526	Mountain whitefish	312	360	Scale		0	Yellow	2310
ES0111	1	553	Mountain whitefish	235	154	Scale		0		
ES0111	1	538	Mountain whitefish	318	322	Scale	5	0	Yellow	2321
ES0111	1	543	Mountain whitefish	297	298	Scale		0	Yellow	2325
ES0111	1	536	Mountain whitefish	325	376	Scale		0	Yellow	2320
ES0111	1	535	Mountain whitefish	302	342	Scale		0		
ES0111	1	545	Mountain whitefish	310	344	Scale		0	Yellow	2317
ES0111	1	558	Mountain whitefish	238	152	Scale		0		
ES0111	1	530	Mountain whitefish	343				2	Yellow	2194
ES0111	1	554	Mountain whitefish	254	192	Scale		0	Yellow	2331
ES0111	1	556	Mountain whitefish	225	128	Scale		0		
ES0111	1	540	Mountain whitefish	323	324	Scale		0	Yellow	2323
ES0111	1	539	Mountain whitefish	271	244	Scale		0	Yellow	2322
ES0111	2	2852	Kokanee	278	176			0		
ES0111	2	2843	Longnose sucker	360	622			0		
ES0111	2	2841	Longnose sucker	424	864			0		
ES0111	2	2840	Longnose sucker	384	660			0		
ES0111	2	2842	Longnose sucker	369	652			0		
ES0111	2	2848	Mountain whitefish	263	208	Scale		0	Yellow	3834
ES0111	2	2849	Mountain whitefish	262	224	Scale		0	Yellow	3835
ES0111	2	2850	Mountain whitefish	317	356	Scale		0	Yellow	3836
ES0111	2	2847	Mountain whitefish	310	348	Scale		0	Yellow	3833
ES0111	2	2846	Mountain whitefish	317	330	Scale		0	Yellow	3832



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0111	2	2844	Mountain whitefish	301	370	Scale		0	Yellow	3831
ES0111	2	2851	Mountain whitefish	230	134	Scale		0		
ES0111	2	2845	Rainbow trout	254	206			0	Yellow	3830
ES0111	3	5121	Largescale sucker	441	1060			0		
ES0111	3	5122	Longnose sucker	424	998			0		
ES0111	3	5114	Longnose sucker	425	818			0		
ES0111	3	5140	Mountain whitefish	255	166	Scale		0	Yellow	5211
ES0111	3	5141	Mountain whitefish	248	180	Scale		0		
ES0111	3	5143	Mountain whitefish	249	152	Scale		0		
ES0111	3	5136	Mountain whitefish	245	162	Scale		0		
ES0111	3	5142	Mountain whitefish	223	122	Scale		0		
ES0111	3	5120	Mountain whitefish	316	314	Scale		0	Yellow	5197
ES0111	3	5119	Mountain whitefish	326	354	Scale		0	Yellow	5196
ES0111	3	5118	Mountain whitefish	340	364	Scale		0	Yellow	5195
ES0111	3	5117	Mountain whitefish	279	242	Scale		0	Yellow	5194
ES0111	3	5116	Mountain whitefish	230	128	Scale		0		
ES0111	3	5115	Mountain whitefish	320	352	Scale		0	Yellow	5193
ES0111	3	5113	Mountain whitefish	315	362	Scale		0	Yellow	5192
ES0111	3	5137	Mountain whitefish	330	342	Scale		0	Yellow	5209
ES0111	3	5132	Mountain whitefish	239	150	Scale		0		
ES0111	3	5134	Mountain whitefish	340	402	Scale		0	Yellow	5207
ES0111	3	5139	Mountain whitefish	293	276	Scale		0	Yellow	5210
ES0111	3	5135	Mountain whitefish	324	318	Scale		0	Yellow	5208
ES0111	3	5133	Mountain whitefish	323	380	Scale		0	Yellow	5206
ES0111	3	5131	Mountain whitefish	321	324	Scale		0	Yellow	5205
ES0111	3	5130	Mountain whitefish	250	166	Scale		0	Yellow	5204
ES0111	3	5129	Mountain whitefish	254	182	Scale		0	Yellow	5203
ES0111	3	5128	Mountain whitefish	337	394	Scale		0	Yellow	5202
ES0111	3	5127	Mountain whitefish	327	398	Scale		0	Yellow	5201
ES0111	3	5126	Mountain whitefish	295	274	Scale		0	Yellow	5200
ES0111	3	5125	Mountain whitefish	340	408	Scale		0	Yellow	5199
ES0111	3	5124	Mountain whitefish	316	318	Scale		0	Yellow	5198
ES0111	3	5123	Mountain whitefish	350	448	Scale		0		
ES0111	3	5138	Mountain whitefish	237	248	Scale		0		
ES0111	3	5112	Rainbow trout	344	476			0		
ES0111	4	7617	Bull trout	243	158	Fin Ray	3	0		
ES0111	4	7615	Bull trout	187	78	Scale		2		
ES0111	4	7604	Bull trout	278	224	Fin Ray	4	0	Yellow	6678
ES0111	4	7570	Largescale sucker	485	1538			0		
ES0111	4	7571	Longnose sucker	372	690			0		
ES0111	4	7572	Longnose sucker	434	1018			0		
ES0111	4	7588	Mountain whitefish	292	296	Scale		0		
ES0111	4	7610	Mountain whitefish	243	172	Scale		0		
ES0111	4	7608	Mountain whitefish	357	420	Scale		0	Yellow	6680
ES0111	4	7611	Mountain whitefish	310	312	Scale		0	Yellow	6682
ES0111	4	7596	Mountain whitefish	297	308	Scale		0	Yellow	6671
ES0111	4	7612	Mountain whitefish	225	116	Scale		0		
ES0111	4	7614	Mountain whitefish	225	128	Scale		0		
ES0111	4	7616	Mountain whitefish	325	352	Scale		0	Yellow	6684
ES0111	4	7603	Mountain whitefish	295	310	Scale		0	Yellow	6677
ES0111	4	7605	Mountain whitefish	304	316	Scale		0	Yellow	6679
ES0111	4	7592	Mountain whitefish	297	288	Scale		0	Yellow	6668
ES0111	4	7594	Mountain whitefish	302	326	Scale		0	Yellow	6669
ES0111	4	7589	Mountain whitefish	345	510	Scale		0	Yellow	6666
ES0111	4	7590	Mountain whitefish	308	320	Scale		0		
ES0111	4	7591	Mountain whitefish	302	274	Scale		0	Yellow	6667
ES0111	4	7595	Mountain whitefish	303	346	Scale		0	Yellow	6670
ES0111	4	7613	Mountain whitefish	305	286	Scale		0	Yellow	6683
ES0111	4	7593	Mountain whitefish	157	42	Scale		0		
ES0111	4	7599	Mountain whitefish	320	348	Scale		0	Yellow	6673
ES0111	4	7573	Mountain whitefish	321				2	Yellow	3836
ES0111	4	7580	Mountain whitefish	324	344	Scale	6	0	Yellow	6660
ES0111	4	7581	Mountain whitefish	331	326	Scale		0	Yellow	6661
ES0111	4	7587	Mountain whitefish	322	342	Scale		0	Yellow	6665
ES0111	4	7578	Mountain whitefish	323	422	Scale		0		
ES0111	4	7584	Mountain whitefish	204	98	Scale		0		
ES0111	4	7576	Mountain whitefish	333	460	Scale		0	Yellow	6659
ES0111	4	7586	Mountain whitefish	319	386	Scale		0	Yellow	6664
ES0111	4	7609	Mountain whitefish	320	350	Scale		0	Yellow	6681

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0111	4	7574	Mountain whitefish	351	400	Scale		0	Yellow	6658
ES0111	4	7579	Mountain whitefish	247	162	Scale		0		
ES0111	4	7602	Mountain whitefish	357	410	Scale		0	Yellow	6676
ES0111	4	7577	Mountain whitefish	327	918	Scale		0		
ES0111	4	7601	Mountain whitefish	320	328	Scale		0	Yellow	6675
ES0111	4	7607	Mountain whitefish	174	54	Scale		0		
ES0111	4	7585	Mountain whitefish	297	262	Scale		0	Yellow	6663
ES0111	4	7600	Mountain whitefish	277	226	Scale		0	Yellow	6674
ES0111	4	7583	Mountain whitefish	344	434	Scale		0	Yellow	6662
ES0111	4	7598	Mountain whitefish	315	308	Scale	5	0	Yellow	6672
ES0111	4	7606	Mountain whitefish	178	58	Scale		0		
ES0111	4	7597	Northern pikeminnow	287	318			0		
ES0111	4	7575	Rainbow trout	297	290			0		
ES0111	4	7582	Rainbow trout	249	192			2	Yellow	3830
ES0111	5	9921	Mountain whitefish	328				2	Yellow	3788
ES0111	5	9920	Mountain whitefish	303				2	Yellow	2325
ES0111	5	9922	Mountain whitefish	316				2	Yellow	2181
ES0111	5	9923	Mountain whitefish	325				2	Yellow	6852
ES0111	5	9924	Mountain whitefish	349				2	Yellow	2312
ES0111	6	11650	Mountain whitefish	316				2	Yellow	3833
ES0111	6	11649	Mountain whitefish	360				2	Yellow	2324
ES0111	6	11647	Mountain whitefish	323				2	Yellow	6675
ES0111	6	11646	Mountain whitefish	310				2	Yellow	2095
ES0111	6	11648	Mountain whitefish	312				2	Yellow	5331
ES0111	6	11645	Mountain whitefish	307				2	Yellow	5192
ES0112	1	361	Bull trout	420	838	Fin Ray	4	0		
ES0112	1	393	Kokanee	245	182			0		
ES0112	1	371	Mountain whitefish	322	374	Scale		0	Yellow	2214
ES0112	1	407	Mountain whitefish	303	290			0	Yellow	2236
ES0112	1	408	Mountain whitefish	318	332			0	Yellow	2237
ES0112	1	409	Mountain whitefish	328	388			0	Yellow	2238
ES0112	1	410	Mountain whitefish	269	222			0	Yellow	2239
ES0112	1	399	Mountain whitefish	338	398			0	Yellow	2229
ES0112	1	375	Mountain whitefish	315	326	Scale	6	0	Yellow	2210
ES0112	1	363	Mountain whitefish	279	274	Scale		0		
ES0112	1	364	Mountain whitefish	308		Scale	5	0	Yellow	2218
ES0112	1	365	Mountain whitefish	325	388	Scale		0		
ES0112	1	366	Mountain whitefish	313	306	Scale		0	Yellow	2217
ES0112	1	367	Mountain whitefish	382	562	Scale		0	Yellow	2216
ES0112	1	368	Mountain whitefish	232	140	Scale		0		
ES0112	1	406	Mountain whitefish	305	314			0	Yellow	2235
ES0112	1	370	Mountain whitefish	295	314	Scale		0	Yellow	2215
ES0112	1	384	Mountain whitefish	325	360	Scale		0		
ES0112	1	372	Mountain whitefish	268	228	Scale		0	Yellow	2213
ES0112	1	388	Mountain whitefish	242	158	Scale		0		
ES0112	1	374	Mountain whitefish	312	304	Scale	4	0	Yellow	2211
ES0112	1	377	Mountain whitefish	207	96	Scale		0		
ES0112	1	378	Mountain whitefish	265	212	Scale		0	Yellow	2209
ES0112	1	379	Mountain whitefish	320	360	Scale		0	Yellow	2208
ES0112	1	380	Mountain whitefish	315	334	Scale		0	Yellow	2207
ES0112	1	381	Mountain whitefish	322	344	Scale		0		
ES0112	1	382	Mountain whitefish	322	346	Scale		0	Yellow	2206
ES0112	1	383	Mountain whitefish	243	154	Scale		0		
ES0112	1	385	Mountain whitefish	305	336	Scale		0	Yellow	2205
ES0112	1	350	Mountain whitefish	332	400	Scale		0	Yellow	2199
ES0112	1	376	Mountain whitefish	218	108	Scale		0		
ES0112	1	369	Mountain whitefish	313	348	Scale		0		
ES0112	1	358	Mountain whitefish	348	446	Scale		0	Yellow	2221
ES0112	1	373	Mountain whitefish	328	350	Scale		0	Yellow	2212
ES0112	1	349	Mountain whitefish	316	366	Scale		0		
ES0112	1	351	Mountain whitefish	310	302	Scale		0		
ES0112	1	353	Mountain whitefish	345	414	Scale		0		
ES0112	1	354	Mountain whitefish	336	390	Scale		0	Yellow	2225
ES0112	1	355	Mountain whitefish	335	374	Scale		0	Yellow	2224
ES0112	1	356	Mountain whitefish	335	426	Scale		0	Yellow	2223
ES0112	1	405	Mountain whitefish	300	294			0	Yellow	2234
ES0112	1	357	Mountain whitefish	332	364	Scale		0	Yellow	2222
ES0112	1	352	Mountain whitefish	335	370	Scale		0	Yellow	2200
ES0112	1	359	Mountain whitefish	340	444	Scale		0	Yellow	2220

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0112	1	348	Mountain whitefish	394	342	Scale		0		
ES0112	1	401	Mountain whitefish	310	332			0	Yellow	2231
ES0112	1	389	Mountain whitefish	299	270			0	Yellow	2203
ES0112	1	398	Mountain whitefish	322	314			0	Yellow	2228
ES0112	1	403	Mountain whitefish	302	296			0		
ES0112	1	404	Mountain whitefish	321	316			0	Yellow	2233
ES0112	1	390	Mountain whitefish	328	440			0	Yellow	2202
ES0112	1	386	Mountain whitefish	338	380	Scale		0	Yellow	2204
ES0112	1	402	Mountain whitefish	333	358			0	Yellow	2232
ES0112	1	387	Mountain whitefish	237	142	Scale		0		
ES0112	1	397	Mountain whitefish	235	140			0		
ES0112	1	396	Mountain whitefish	333	378			0	Yellow	2227
ES0112	1	395	Mountain whitefish	325	364			0		
ES0112	1	394	Mountain whitefish	312	370			0	Yellow	2226
ES0112	1	392	Mountain whitefish	327	364			0	Yellow	2201
ES0112	1	391	Mountain whitefish	297	340			0		
ES0112	1	400	Mountain whitefish	313	340			0	Yellow	2230
ES0112	1	362	Rainbow trout	352	516			0		
ES0112	1	360	Rainbow trout	359	588			0	Yellow	2219
ES0112	2	2859	Longnose sucker	438	986			0		
ES0112	2	2868	Mountain whitefish	346	422	Scale		0	Yellow	3846
ES0112	2	2871	Mountain whitefish	315	344	Scale		0		
ES0112	2	2875	Mountain whitefish	335	394	Scale		0	Yellow	3849
ES0112	2	2876	Mountain whitefish	274	214	Scale		0	Yellow	3850
ES0112	2	2874	Mountain whitefish	337	356			2	Yellow	1136
ES0112	2	2877	Mountain whitefish	315	364	Scale		0		
ES0112	2	2861	Mountain whitefish	325	324	Scale		0	Yellow	3839
ES0112	2	2872	Mountain whitefish	366	412	Scale		0		
ES0112	2	2862	Mountain whitefish	325	378	Scale		0	Yellow	3840
ES0112	2	2867	Mountain whitefish	322	332	Scale		0	Yellow	3845
ES0112	2	2869	Mountain whitefish	344	388	Scale		0	Yellow	3847
ES0112	2	2870	Mountain whitefish	319	308	Scale		0	Yellow	3848
ES0112	2	2860	Mountain whitefish	320	364	Scale		0	Yellow	3838
ES0112	2	2858	Mountain whitefish	325	346			2	Yellow	3808
ES0112	2	2857	Mountain whitefish	323	350	Scale		0		
ES0112	2	2856	Mountain whitefish	336	432	Scale		0		
ES0112	2	2855	Mountain whitefish	333	424	Scale		0		
ES0112	2	2854	Mountain whitefish	333	378	Scale		0	Yellow	3837
ES0112	2	2853	Mountain whitefish	337	414	Scale		0		
ES0112	2	2863	Mountain whitefish	325	318	Scale		0	Yellow	3841
ES0112	2	2892	Mountain whitefish	328	348	Scale		0	Yellow	3863
ES0112	2	2893	Mountain whitefish	338	386	Scale		0	Yellow	3864
ES0112	2	2865	Mountain whitefish	307	333	Scale		0	Yellow	3843
ES0112	2	2880	Mountain whitefish	327	342	Scale		0	Yellow	3853
ES0112	2	2889	Mountain whitefish	278	224	Scale		0	Yellow	3860
ES0112	2	2881	Mountain whitefish	327	400	Scale		0	Yellow	3854
ES0112	2	2879	Mountain whitefish	320	312	Scale		0	Yellow	3852
ES0112	2	2886	Mountain whitefish	310	326	Scale		0	Yellow	3857
ES0112	2	2894	Mountain whitefish	305	282	Scale		0	Yellow	3865
ES0112	2	2882	Mountain whitefish	297	254	Scale		0	Yellow	3855
ES0112	2	2878	Mountain whitefish	315	334	Scale		0	Yellow	3851
ES0112	2	2887	Mountain whitefish	334	416	Scale		0	Yellow	3858
ES0112	2	2888	Mountain whitefish	340	398	Scale		0	Yellow	3859
ES0112	2	2864	Mountain whitefish	324	328	Scale		0	Yellow	3842
ES0112	2	2885	Mountain whitefish	321	310	Scale		0	Yellow	3856
ES0112	2	2895	Mountain whitefish	340	438	Scale		0	Yellow	3866
ES0112	2	2896	Mountain whitefish	323	338	Scale	7	0		
ES0112	2	2898	Mountain whitefish	313	298	Scale		0	Yellow	3868
ES0112	2	2899	Mountain whitefish	317	320	Scale		0		
ES0112	2	2891	Mountain whitefish	347	380	Scale		0	Yellow	3862
ES0112	2	2890	Mountain whitefish	324	348	Scale		0	Yellow	3861
ES0112	2	2866	Mountain whitefish	303	282	Scale		0	Yellow	3844
ES0112	2	2873	Mountain whitefish	240	144	Scale		0		
ES0112	2	2897	Mountain whitefish	318	338	Scale		0	Yellow	3867
ES0112	2	2883	Mountain whitefish	293	252	Scale		0		
ES0112	2	2884	Mountain whitefish	247	164	Scale		0		
ES0112	3	5144	Largescale sucker	429	890			0		
ES0112	3	5161	Largescale sucker	532	1804			0		
ES0112	3	5145	Longnose sucker	391	730			0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0112	3	5146	Longnose sucker	391	812			0		
ES0112	3	5202	Mountain whitefish	282	242	Scale		0	Yellow	5258
ES0112	3	5184	Mountain whitefish	314	356	Scale		0	Yellow	5242
ES0112	3	5194	Mountain whitefish	358	442	Scale		0	Yellow	5251
ES0112	3	5215	Mountain whitefish	314	316	Scale		0		
ES0112	3	5219	Mountain whitefish	311	280	Scale		0		
ES0112	3	5218	Mountain whitefish	298	282	Scale		0		
ES0112	3	5186	Mountain whitefish	298	274	Scale		0	Yellow	5243
ES0112	3	5216	Mountain whitefish	258	186	Scale		0		
ES0112	3	5187	Mountain whitefish	306	326	Scale		0	Yellow	5244
ES0112	3	5214	Mountain whitefish	304	296	Scale		0	Yellow	5269
ES0112	3	5213	Mountain whitefish	294	232	Scale		0	Yellow	5268
ES0112	3	5212	Mountain whitefish	248	144	Scale		0		
ES0112	3	5211	Mountain whitefish	292	290	Scale		0	Yellow	5267
ES0112	3	5174	Mountain whitefish	335	360	Scale		0	Yellow	5232
ES0112	3	5210	Mountain whitefish	312	298	Scale		0	Yellow	5266
ES0112	3	5209	Mountain whitefish	280	250	Scale		0	Yellow	5265
ES0112	3	5203	Mountain whitefish	329	340	Scale		0	Yellow	5259
ES0112	3	5206	Mountain whitefish	339	382	Scale		0	Yellow	5262
ES0112	3	5200	Mountain whitefish	320	314	Scale		0	Yellow	5256
ES0112	3	5199	Mountain whitefish	333	356	Scale		0	Yellow	5255
ES0112	3	5198	Mountain whitefish	323	306	Scale		0	Yellow	5254
ES0112	3	5197	Mountain whitefish	314	224	Scale	5	0	Yellow	5253
ES0112	3	5196	Mountain whitefish	240	154	Scale		0		
ES0112	3	5195	Mountain whitefish	325	368	Scale		0	Yellow	5252
ES0112	3	5185	Mountain whitefish	247	168	Scale	3	0		
ES0112	3	5193	Mountain whitefish	343	352	Scale		0	Yellow	5250
ES0112	3	5201	Mountain whitefish	283	238	Scale		0	Yellow	5257
ES0112	3	5191	Mountain whitefish	332	372	Scale	5	0	Yellow	5248
ES0112	3	5190	Mountain whitefish	318	334	Scale		0	Yellow	5247
ES0112	3	5189	Mountain whitefish	318	344	Scale		0	Yellow	5246
ES0112	3	5188	Mountain whitefish	304	326	Scale		0	Yellow	5245
ES0112	3	5183	Mountain whitefish	312	376	Scale		0	Yellow	5241
ES0112	3	5192	Mountain whitefish	261	180	Scale		0	Yellow	5249
ES0112	3	5207	Mountain whitefish	322	342	Scale		0	Yellow	5263
ES0112	3	5205	Mountain whitefish	284	268	Scale		0	Yellow	5261
ES0112	3	5178	Mountain whitefish	313	294	Scale		0	Yellow	5236
ES0112	3	5217	Mountain whitefish	264	182	Scale		0		
ES0112	3	5172	Mountain whitefish	244	140	Scale		0		
ES0112	3	5208	Mountain whitefish	308	302	Scale		0	Yellow	5264
ES0112	3	5179	Mountain whitefish	290	266	Scale		0	Yellow	5237
ES0112	3	5181	Mountain whitefish	330	350	Scale		0	Yellow	5239
ES0112	3	5177	Mountain whitefish	320	340	Scale		0	Yellow	5235
ES0112	3	5176	Mountain whitefish	325	344	Scale		0	Yellow	5234
ES0112	3	5204	Mountain whitefish	337	322	Scale		0		
ES0112	3	5173	Mountain whitefish	325	330	Scale		0	Yellow	5231
ES0112	3	5154	Mountain whitefish	341	374	Scale		0	Yellow	5217
ES0112	3	5166	Mountain whitefish	339	384	Scale		0	Yellow	5227
ES0112	3	5164	Mountain whitefish	331	396	Scale		0	Yellow	5225
ES0112	3	5170	Mountain whitefish	308	358	Scale		0	Yellow	5229
ES0112	3	5169	Mountain whitefish	335	390	Scale		0	Yellow	5228
ES0112	3	5168	Mountain whitefish	315	366			2	Yellow	3838
ES0112	3	5167	Mountain whitefish	296	306	Scale		0		
ES0112	3	5171	Mountain whitefish	258	194	Scale		0	Yellow	5230
ES0112	3	5165	Mountain whitefish	327	356	Scale		0	Yellow	5226
ES0112	3	5175	Mountain whitefish	327	372	Scale		0	Yellow	5233
ES0112	3	5158	Mountain whitefish	339	402	Scale		0	Yellow	5220
ES0112	3	5152	Mountain whitefish	348	408			2	Yellow	159
ES0112	3	5162	Mountain whitefish	327	362	Scale		0	Yellow	5223
ES0112	3	5160	Mountain whitefish	322	348	Scale		0	Yellow	5222
ES0112	3	5180	Mountain whitefish	316	298	Scale		0	Yellow	5238
ES0112	3	5159	Mountain whitefish	306	324	Scale		0	Yellow	5221
ES0112	3	5182	Mountain whitefish	304	340	Scale		0	Yellow	5240
ES0112	3	5157	Mountain whitefish	327	358	Scale		0	Yellow	5219
ES0112	3	5147	Mountain whitefish	348	438	Scale		0	Yellow	5212
ES0112	3	5149	Mountain whitefish	330	324	Scale		0	Yellow	5214
ES0112	3	5163	Mountain whitefish	330	390	Scale		0	Yellow	5224
ES0112	3	5153	Mountain whitefish	315	326	Scale		0	Yellow	5216
ES0112	3	5156	Mountain whitefish	306	340	Scale		0	Yellow	5218

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0112	3	5151	Mountain whitefish	325	364	Scale		0	Yellow	5215
ES0112	3	5150	Mountain whitefish	304	320			2	Yellow	2210
ES0112	3	5155	Mountain whitefish	208	92	Scale		0		
ES0112	3	5148	Mountain whitefish	317	356	Scale		0	Yellow	5213
ES0112	4	7569	Bull trout	379	614	Fin Ray	5	0	Yellow	6657
ES0112	4	7558	Mountain whitefish	275	226	Scale		0	Yellow	6651
ES0112	4	7562	Mountain whitefish	322	362	Scale		0	Yellow	6655
ES0112	4	7563	Mountain whitefish	243	156	Scale		0		
ES0112	4	7543	Mountain whitefish	305	336	Scale		0	Yellow	6640
ES0112	4	7561	Mountain whitefish	270	236	Scale		0	Yellow	6654
ES0112	4	7567	Mountain whitefish	234	146	Scale		0		
ES0112	4	7566	Mountain whitefish	260	194	Scale		0	Yellow	6656
ES0112	4	7565	Mountain whitefish	237	140	Scale		0		
ES0112	4	7536	Mountain whitefish	398	566	Scale		0	Yellow	6637
ES0112	4	7551	Mountain whitefish	348	398	Scale		0	Yellow	6647
ES0112	4	7537	Mountain whitefish	322	334	Scale		0	Yellow	6638
ES0112	4	7547	Mountain whitefish	320	336	Scale		0	Yellow	6643
ES0112	4	7560	Mountain whitefish	331	364	Scale		0	Yellow	6653
ES0112	4	7559	Mountain whitefish	293		Scale		0	Yellow	6652
ES0112	4	7557	Mountain whitefish	327	386	Scale		0	Yellow	6629
ES0112	4	7555	Mountain whitefish	270	240	Scale		0	Yellow	6650
ES0112	4	7554	Mountain whitefish	310	332	Scale		0	Yellow	6649
ES0112	4	7564	Mountain whitefish	230	134	Scale		0		
ES0112	4	7544	Mountain whitefish	305	316	Scale		0	Yellow	6641
ES0112	4	7568	Mountain whitefish	215	104	Scale		0		
ES0112	4	7556	Mountain whitefish	293	296	Scale		0	Yellow	6636
ES0112	4	7524	Mountain whitefish	308				2	Yellow	5529
ES0112	4	7534	Mountain whitefish	332	354	Scale	7	0	Yellow	6635
ES0112	4	7550	Mountain whitefish	323	374	Scale		0	Yellow	6646
ES0112	4	7548	Mountain whitefish	279	258	Scale		0	Yellow	6644
ES0112	4	7535	Mountain whitefish	330				2	Yellow	6589
ES0112	4	7545	Mountain whitefish	318	334	Scale		0	Yellow	6642
ES0112	4	7541	Mountain whitefish	277	292	Scale		0	Yellow	6639
ES0112	4	7552	Mountain whitefish	315	356	Scale		0	Yellow	6648
ES0112	4	7553	Mountain whitefish	310				2	Yellow	5266
ES0112	4	7542	Mountain whitefish	345	436			2	Yellow	5212
ES0112	4	7540	Mountain whitefish	349				2	Yellow	3847
ES0112	4	7539	Mountain whitefish	326				2	Yellow	5215
ES0112	4	7538	Mountain whitefish	239	180	Scale		0		
ES0112	4	7546	Mountain whitefish	327				2	Yellow	3859
ES0112	4	7531	Mountain whitefish	336	344	Scale		0	Yellow	6633
ES0112	4	7523	Mountain whitefish	304				2	Yellow	5361
ES0112	4	7520	Mountain whitefish	319	350	Scale		0	Yellow	6627
ES0112	4	7521	Mountain whitefish	324	386	Scale		0	Yellow	6628
ES0112	4	7530	Mountain whitefish	302	296	Scale		0	Yellow	6632
ES0112	4	7549	Mountain whitefish	295	308	Scale		0	Yellow	6645
ES0112	4	7517	Mountain whitefish	412	806	Scale		0	Yellow	6625
ES0112	4	7533	Mountain whitefish	298	326	Scale		0	Yellow	6634
ES0112	4	7529	Mountain whitefish	330	434	Scale		0	Yellow	6631
ES0112	4	7522	Mountain whitefish	317				2	Yellow	5256
ES0112	4	7528	Mountain whitefish	306				2	Yellow	5264
ES0112	4	7532	Mountain whitefish	307				2	Yellow	3851
ES0112	4	7527	Mountain whitefish	283	292	Scale		0		
ES0112	4	7526	Mountain whitefish	310	342	Scale	6	0	Yellow	6630
ES0112	4	7525	Mountain whitefish	295	308	Scale		0		
ES0112	4	7519	Mountain whitefish	334	410	Scale		0	Yellow	6626
ES0112	4	7518	Mountain whitefish	331				2	Yellow	2202
ES0112	5	9925	Bull trout	468	1014	Fin Ray	4	0	Yellow	7871
ES0112	5	9964	Mountain whitefish	328				2	Yellow	5223
ES0112	5	9965	Mountain whitefish	308				2	Yellow	98
ES0112	5	9966	Mountain whitefish	350				2	Yellow	3862
ES0112	5	9962	Mountain whitefish	324				2	Yellow	5248
ES0112	5	9961	Mountain whitefish	348				2	Yellow	2312
ES0112	5	9963	Mountain whitefish	307				2	Yellow	5264
ES0112	5	9967	Mountain whitefish	317				2	Yellow	3867
ES0112	6	11726	Mountain whitefish	308				2	Yellow	5253
ES0112	6	11729	Mountain whitefish	295				2	Yellow	5268
ES0112	6	11722	Mountain whitefish	332				2	Yellow	2238
ES0112	6	11721	Mountain whitefish	333				2	Yellow	6653

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0112	6	11720	Mountain whitefish	296				2	Yellow	5243
ES0112	6	11728	Mountain whitefish	289				2	Yellow	6652
ES0112	6	11725	Mountain whitefish	324				2	Yellow	3840
ES0112	6	11719	Mountain whitefish	332				2	Yellow	6635
ES0112	6	11723	Mountain whitefish	336				2	Yellow	6633
ES0112	6	11727	Mountain whitefish	325				2	Yellow	3839
ES0112	6	11724	Mountain whitefish	332				2	Yellow	2227
ES0113	1	560	Largescale sucker	456	1362			0		
ES0113	1	599	Mountain whitefish	307	316	Scale		0	Yellow	2368
ES0113	1	575	Mountain whitefish	295	314	Scale		0		
ES0113	1	603	Mountain whitefish	306	322	Scale		0	Yellow	2366
ES0113	1	602	Mountain whitefish	327	368	Scale		0		
ES0113	1	576	Mountain whitefish	239	156	Scale		0		
ES0113	1	600	Mountain whitefish	307	318	Scale		0	Yellow	2367
ES0113	1	598	Mountain whitefish	340	382	Scale		0	Yellow	2369
ES0113	1	607	Mountain whitefish	320	318	Scale		0	Yellow	2363
ES0113	1	601	Mountain whitefish	320	298	Scale		0		
ES0113	1	570	Mountain whitefish	309	294	Scale		0	Yellow	2342
ES0113	1	568	Mountain whitefish	320	324	Scale		0		
ES0113	1	561	Mountain whitefish	315	334	Scale		0	Yellow	2335
ES0113	1	562	Mountain whitefish	284	258	Scale		2	Yellow	100
ES0113	1	563	Mountain whitefish	319	320	Scale		0	Yellow	2336
ES0113	1	565	Mountain whitefish	315	330	Scale		0	Yellow	2338
ES0113	1	564	Mountain whitefish	322	320	Scale		0	Yellow	2337
ES0113	1	569	Mountain whitefish	324	334	Scale		0	Yellow	2341
ES0113	1	590	Mountain whitefish	344	424	Scale		0		
ES0113	1	571	Mountain whitefish	291	288	Scale		0	Yellow	2343
ES0113	1	572	Mountain whitefish	372	526	Scale		0	Yellow	2344
ES0113	1	573	Mountain whitefish	310	348	Scale		0	Yellow	2345
ES0113	1	574	Mountain whitefish	322	352	Scale		0	Yellow	2346
ES0113	1	566	Mountain whitefish	396	664	Scale		0	Yellow	2339
ES0113	1	604	Mountain whitefish	305	284	Scale		0	Yellow	2365
ES0113	1	567	Mountain whitefish	328	428	Scale		0	Yellow	2340
ES0113	1	581	Mountain whitefish	343	410	Scale		0		
ES0113	1	614	Mountain whitefish	320	344	Scale		0	Yellow	2357
ES0113	1	613	Mountain whitefish	322	324	Scale		0	Yellow	2358
ES0113	1	583	Mountain whitefish	378	496	Scale		0	Yellow	2329
ES0113	1	593	Mountain whitefish	227	118	Scale		0		
ES0113	1	591	Mountain whitefish	304	296	Scale		0		
ES0113	1	589	Mountain whitefish	248	168	Scale		0		
ES0113	1	592	Mountain whitefish	270	246	Scale	3	0	Yellow	2373
ES0113	1	587	Mountain whitefish	339	424	Scale		0	Yellow	2374
ES0113	1	586	Mountain whitefish	285	238	Scale		0	Yellow	2375
ES0113	1	594	Mountain whitefish	326	346	Scale		0	Yellow	2371
ES0113	1	584	Mountain whitefish	248	184	Scale		0		
ES0113	1	582	Mountain whitefish	331	372	Scale		0	Yellow	2350
ES0113	1	580	Mountain whitefish	330	402	Scale		0	Yellow	2349
ES0113	1	579	Mountain whitefish	317	334	Scale		0	Yellow	2348
ES0113	1	611	Mountain whitefish	331	368	Scale		0	Yellow	2360
ES0113	1	606	Mountain whitefish	208	112	Scale		0		
ES0113	1	595	Mountain whitefish	327	366	Scale		0	Yellow	2370
ES0113	1	608	Mountain whitefish	238	158	Scale		0		
ES0113	1	609	Mountain whitefish	260	202	Scale		0	Yellow	2362
ES0113	1	597	Mountain whitefish	314	306	Scale		0		
ES0113	1	610	Mountain whitefish	332	418	Scale		0	Yellow	2361
ES0113	1	577	Mountain whitefish	415	672	Scale		0	Yellow	2347
ES0113	1	612	Mountain whitefish	314	300	Scale		0	Yellow	2359
ES0113	1	605	Mountain whitefish	301	316	Scale		0	Yellow	2364
ES0113	1	596	Mountain whitefish	244	142	Scale		0		
ES0113	1	588	Mountain whitefish	235	136	Scale		0		
ES0113	1	585	Mountain whitefish	327	328	Scale		0	Yellow	2351
ES0113	1	578	Mountain whitefish	247	156	Scale		0		
ES0113	2	2934	Longnose sucker	400	828			0		
ES0113	2	2933	Longnose sucker	380	800			0		
ES0113	2	2944	Mountain whitefish	343	380	Scale		0	Yellow	3895
ES0113	2	2941	Mountain whitefish	315	352	Scale		0	Yellow	3892
ES0113	2	2938	Mountain whitefish	325	400	Scale		0		
ES0113	2	2940	Mountain whitefish	425	728	Scale		0	Yellow	3891
ES0113	2	2942	Mountain whitefish	377	572	Scale		0	Yellow	3893

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0113	2	2943	Mountain whitefish	353	412	Scale		0	Yellow	3894
ES0113	2	2939	Mountain whitefish	328	372	Scale		0	Yellow	3890
ES0113	2	2953	Mountain whitefish	324	324	Scale		0	Yellow	3903
ES0113	2	2937	Mountain whitefish	307	334	Scale		0	Yellow	3889
ES0113	2	2955	Mountain whitefish	337	414	Scale		0	Yellow	3905
ES0113	2	2954	Mountain whitefish	310	306	Scale		0	Yellow	3904
ES0113	2	2945	Mountain whitefish	330	358	Scale		0	Yellow	3896
ES0113	2	2951	Mountain whitefish	318	342	Scale		0	Yellow	3902
ES0113	2	2936	Mountain whitefish	248	156	Scale		0		
ES0113	2	2959	Mountain whitefish	322	366	Scale	5	0	Yellow	3909
ES0113	2	2958	Mountain whitefish	290	272	Scale		0	Yellow	3908
ES0113	2	2957	Mountain whitefish	301	282	Scale	5	0	Yellow	3907
ES0113	2	2935	Mountain whitefish	441	1010	Scale		0	Yellow	3888
ES0113	2	2950	Mountain whitefish	276	268	Scale		0	Yellow	3901
ES0113	2	2952	Mountain whitefish	205	94	Scale		0		
ES0113	2	2949	Mountain whitefish	315	351	Scale		0	Yellow	3900
ES0113	2	2948	Mountain whitefish	331	408	Scale	6	0	Yellow	3899
ES0113	2	2947	Mountain whitefish	282	236	Scale		0	Yellow	3898
ES0113	2	2946	Mountain whitefish	289	298	Scale		0	Yellow	3897
ES0113	2	2956	Mountain whitefish	299	276	Scale		0	Yellow	3906
ES0113	3	5306	Bull trout	562	1762	Fin Ray	6	0	Yellow	5345
ES0113	3	5307	Bull trout	405	638	Fin Ray	4	0	Yellow	5344
ES0113	3	5334	Mountain whitefish	249	166	Scale		0		
ES0113	3	5331	Mountain whitefish	333	350	Scale		0	Yellow	5329
ES0113	3	5330	Mountain whitefish	293	242	Scale		0	Yellow	5330
ES0113	3	5339	Mountain whitefish	225	116	Scale		0		
ES0113	3	5333	Mountain whitefish	215	104	Scale		0		
ES0113	3	5319	Mountain whitefish	298	288	Scale		0	Yellow	5339
ES0113	3	5326	Mountain whitefish	307	312	Scale		0	Yellow	5333
ES0113	3	5332	Mountain whitefish	350	406	Scale		0	Yellow	5328
ES0113	3	5315	Mountain whitefish	315	336	Scale		0	Yellow	5343
ES0113	3	5325	Mountain whitefish	313	320	Scale		0	Yellow	5334
ES0113	3	5324	Mountain whitefish	249	164	Scale		0		
ES0113	3	5323	Mountain whitefish	325	324	Scale		0	Yellow	5335
ES0113	3	5322	Mountain whitefish	315	312	Scale		0	Yellow	5336
ES0113	3	5321	Mountain whitefish	310	300	Scale		0	Yellow	5337
ES0113	3	5320	Mountain whitefish	308	338	Scale		0	Yellow	5338
ES0113	3	5316	Mountain whitefish	309	340	Scale		0	Yellow	5342
ES0113	3	5329	Mountain whitefish	249	158	Scale		0		
ES0113	3	5314	Mountain whitefish	318	316			2	Yellow	2340
ES0113	3	5313	Mountain whitefish	336	404			2	Yellow	5135
ES0113	3	5312	Mountain whitefish	310	316			2	Yellow	2368
ES0113	3	5311	Mountain whitefish	326	362			2	Yellow	2370
ES0113	3	5340	Mountain whitefish	238	138	Scale		0		
ES0113	3	5310	Mountain whitefish	307	296			2	Yellow	2342
ES0113	3	5328	Mountain whitefish	311	292	Scale		0	Yellow	5331
ES0113	3	5327	Mountain whitefish	388	634	Scale		0	Yellow	5332
ES0113	3	5336	Mountain whitefish	210	90	Scale		0		
ES0113	3	5335	Mountain whitefish	305	268	Scale		0	Yellow	5327
ES0113	3	5341	Mountain whitefish	195	78	Scale		0		
ES0113	3	5342	Mountain whitefish	244	140	Scale		0		
ES0113	3	5317	Mountain whitefish	336	386	Scale	6	0	Yellow	5341
ES0113	3	5337	Mountain whitefish	231	144	Scale		0		
ES0113	3	5318	Mountain whitefish	256	160	Scale		0	Yellow	5340
ES0113	3	5308	Mountain whitefish	330	412			2	Yellow	3763
ES0113	3	5309	Mountain whitefish	317	328			2	Yellow	2338
ES0113	3	5338	Mountain whitefish	300	296	Scale		0	Yellow	5326
ES0113	4	7480	Kokanee	231	110			0		
ES0113	4	7477	Mountain whitefish	308				2	Yellow	5343
ES0113	4	7476	Mountain whitefish	317	326	Scale		0	Yellow	6595
ES0113	4	7479	Mountain whitefish	307	288	Scale		0	Yellow	6597
ES0113	4	7474	Mountain whitefish	247	160	Scale		0		
ES0113	4	7473	Mountain whitefish	251	166	Scale	3	0	Yellow	6594
ES0113	4	7471	Mountain whitefish	313				2	Yellow	2335
ES0113	4	7469	Mountain whitefish	344	420	Scale		0	Yellow	6592
ES0113	4	7468	Mountain whitefish	299	270	Scale	5	0	Yellow	6591
ES0113	4	7467	Mountain whitefish	242	144	Scale		0		
ES0113	4	7466	Mountain whitefish	347	404	Scale		2	Yellow	159
ES0113	4	7465	Mountain whitefish	311	316	Scale	5	0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0113	4	7464	Mountain whitefish	347	394	Scale		0	Yellow	6590
ES0113	4	7463	Mountain whitefish	331	390	Scale		0	Yellow	6589
ES0113	4	7481	Mountain whitefish	310	308	Scale		0	Yellow	6598
ES0113	4	7472	Mountain whitefish	207		Scale	2	0		
ES0113	4	7478	Mountain whitefish	346	382	Scale		0	Yellow	6596
ES0113	4	7475	Mountain whitefish	317	326	Scale		2	Yellow	79
ES0113	4	7470	Mountain whitefish	318	332	Scale		0	Yellow	6593
ES0113	5	9979	Mountain whitefish	345				2	Yellow	6596
ES0113	5	9980	Mountain whitefish	260				2	Yellow	5340
ES0113	6	11730	Bull trout	278	256	Fin Ray	3	0	Yellow	7891
ES0113	6	11746	Mountain whitefish	310				2	Yellow	2359
ES0113	6	11745	Mountain whitefish	285				2	Yellow	2375
ES0114	1	615	Lake whitefish	324	448			0		
ES0114	1	654	Mountain whitefish	205	102	Scale		0		
ES0114	1	626	Mountain whitefish	313	340	Scale		0	Yellow	2372
ES0114	1	656	Mountain whitefish	298	360	Scale		0	Yellow	2400
ES0114	1	657	Mountain whitefish	324	356	Scale		0	Yellow	2401
ES0114	1	655	Mountain whitefish	251	168	Scale		0	Yellow	2399
ES0114	1	621	Mountain whitefish	334	400	Scale		0	Yellow	2354
ES0114	1	620	Mountain whitefish	302	290	Scale		0	Yellow	2355
ES0114	1	622	Mountain whitefish	321	398	Scale		0		
ES0114	1	641	Mountain whitefish	305	298	Scale		0	Yellow	2387
ES0114	1	660	Mountain whitefish	312	306	Scale		0	Yellow	2403
ES0114	1	646	Mountain whitefish	322	362	Scale		0	Yellow	2392
ES0114	1	650	Mountain whitefish	256	208	Scale		0	Yellow	2396
ES0114	1	644	Mountain whitefish	319	338	Scale		0	Yellow	2390
ES0114	1	648	Mountain whitefish	304	298	Scale		0	Yellow	2394
ES0114	1	636	Mountain whitefish	250	170	Scale		0	Yellow	2382
ES0114	1	645	Mountain whitefish	291	316	Scale		0	Yellow	2391
ES0114	1	617	Mountain whitefish	303	354	Scale		0		
ES0114	1	642	Mountain whitefish	314	356	Scale		0	Yellow	2388
ES0114	1	653	Mountain whitefish	333	400	Scale	6	0	Yellow	2398
ES0114	1	640	Mountain whitefish	353	418	Scale		0	Yellow	2386
ES0114	1	639	Mountain whitefish	333	386	Scale		0	Yellow	2385
ES0114	1	638	Mountain whitefish	300	286	Scale		0	Yellow	2384
ES0114	1	637	Mountain whitefish	304	282	Scale		0	Yellow	2383
ES0114	1	649	Mountain whitefish	345	500	Scale		0	Yellow	2395
ES0114	1	651	Mountain whitefish	281	218	Scale		0	Yellow	2397
ES0114	1	652	Mountain whitefish	233	146	Scale		0		
ES0114	1	643	Mountain whitefish	296	236	Scale		0	Yellow	2389
ES0114	1	661	Mountain whitefish	318	348	Scale		2	Yellow	1137
ES0114	1	666	Mountain whitefish	407	626	Scale		0	Yellow	2407
ES0114	1	674	Mountain whitefish	302	302	Scale		0	Yellow	2412
ES0114	1	673	Mountain whitefish	306	316	Scale		0	Yellow	2411
ES0114	1	672	Mountain whitefish	294	264	Scale		0	Yellow	2410
ES0114	1	671	Mountain whitefish	343	412	Scale		0	Yellow	2409
ES0114	1	670	Mountain whitefish	322	396	Scale		0	Yellow	2408
ES0114	1	658	Mountain whitefish	204	96	Scale		0		
ES0114	1	635	Mountain whitefish	242	144	Scale		0		
ES0114	1	664	Mountain whitefish	317	370	Scale		0	Yellow	2406
ES0114	1	663	Mountain whitefish	327	336	Scale	4	0	Yellow	2405
ES0114	1	662	Mountain whitefish	346	380	Scale		0	Yellow	2404
ES0114	1	665	Mountain whitefish	227	134	Scale		0		
ES0114	1	659	Mountain whitefish	277	232	Scale		0	Yellow	2402
ES0114	1	647	Mountain whitefish	313	290	Scale		0	Yellow	2393
ES0114	1	634	Mountain whitefish	284	254	Scale		0	Yellow	2381
ES0114	1	625	Mountain whitefish	244	154	Scale		0		
ES0114	1	633	Mountain whitefish	333	372	Scale		0	Yellow	3280
ES0114	1	616	Mountain whitefish	325	368	Scale		0		
ES0114	1	628	Mountain whitefish	312	314	Scale		0	Yellow	2376
ES0114	1	624	Mountain whitefish	320	320	Scale		0	Yellow	2352
ES0114	1	631	Mountain whitefish	317	312	Scale		0	Yellow	2378
ES0114	1	630	Mountain whitefish	325	350	Scale		0	Yellow	2377
ES0114	1	619	Mountain whitefish	341	424	Scale		0	Yellow	2356
ES0114	1	629	Mountain whitefish	247	170	Scale		0		
ES0114	1	623	Mountain whitefish	307	314	Scale	5	0	Yellow	2353
ES0114	1	627	Mountain whitefish	333	392	Scale		0		
ES0114	1	618	Mountain whitefish	315	360	Scale		0		
ES0114	1	632	Mountain whitefish	321	358	Scale		0	Yellow	2379



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0114	1	669	Rainbow trout	335	406			0		
ES0114	1	667	Rainbow trout	344	468			0		
ES0114	1	668	Rainbow trout	327	380			0		
ES0114	2	2909	Mountain whitefish	322	326			2	Yellow	1109
ES0114	2	2911	Mountain whitefish	334	390	Scale		0		
ES0114	2	2910	Mountain whitefish	347	376	Scale		0	Yellow	3875
ES0114	2	2908	Mountain whitefish	333	436	Scale	7	0	Yellow	3874
ES0114	2	2913	Mountain whitefish	316	344	Scale		0	Yellow	3876
ES0114	2	2902	Mountain whitefish	317	392	Scale		0		
ES0114	2	2912	Mountain whitefish	205	94	Scale		0		
ES0114	2	2901	Mountain whitefish	330	390			2	Yellow	1135
ES0114	2	2903	Mountain whitefish	320	362	Scale		0	Yellow	3870
ES0114	2	2915	Mountain whitefish	307	326	Scale		0	Yellow	3878
ES0114	2	2904	Mountain whitefish	392	600	Scale		0	Yellow	3871
ES0114	2	2900	Mountain whitefish	360	540	Scale		0	Yellow	3869
ES0114	2	2907	Mountain whitefish	295	300	Scale	4	0	Yellow	3873
ES0114	2	2906	Mountain whitefish	335	398	Scale		0	Yellow	3872
ES0114	2	2905	Mountain whitefish	228	140	Scale		0		
ES0114	2	2914	Mountain whitefish	330	424	Scale		0	Yellow	3877
ES0114	3	5220	Longnose sucker	398	814			0		
ES0114	3	5264	Mountain whitefish	308	260	Scale		0		
ES0114	3	5234	Mountain whitefish	312	306			2	Yellow	1098
ES0114	3	5243	Mountain whitefish	298	348	Scale		0	Yellow	5287
ES0114	3	5242	Mountain whitefish	310	352	Scale		0	Yellow	5286
ES0114	3	5241	Mountain whitefish	235	136	Scale		0		
ES0114	3	5240	Mountain whitefish	269	250	Scale		0	Yellow	5285
ES0114	3	5239	Mountain whitefish	311	352	Scale		0	Yellow	5284
ES0114	3	5238	Mountain whitefish	330	342	Scale		0	Yellow	5283
ES0114	3	5237	Mountain whitefish	231	140	Scale		0		
ES0114	3	5225	Mountain whitefish	324	368	Scale		0	Yellow	5274
ES0114	3	5235	Mountain whitefish	380	588	Scale		0	Yellow	5281
ES0114	3	5273	Mountain whitefish	373	202	Scale		0	Yellow	5310
ES0114	3	5246	Mountain whitefish	263	198	Scale		0	Yellow	5290
ES0114	3	5266	Mountain whitefish	263	190	Scale		0	Yellow	5304
ES0114	3	5277	Mountain whitefish	333	390	Scale		0	Yellow	5312
ES0114	3	5267	Mountain whitefish	334	370	Scale		0	Yellow	5305
ES0114	3	5268	Mountain whitefish	329	358	Scale		0	Yellow	5306
ES0114	3	5269	Mountain whitefish	313	342	Scale		0	Yellow	5307
ES0114	3	5270	Mountain whitefish	315	358	Scale		0	Yellow	5308
ES0114	3	5280	Mountain whitefish	220	102	Scale		0		
ES0114	3	5272	Mountain whitefish	295	282	Scale		0	Yellow	5309
ES0114	3	5274	Mountain whitefish	335	388	Scale		0	Yellow	5311
ES0114	3	5276	Mountain whitefish	273	252	Scale		0		
ES0114	3	5278	Mountain whitefish	300	278	Scale		0	Yellow	5313
ES0114	3	5279	Mountain whitefish	323	358	Scale		0	Yellow	5314
ES0114	3	5233	Mountain whitefish	321	352	Scale		0	Yellow	5280
ES0114	3	5245	Mountain whitefish	325	330	Scale		0	Yellow	5289
ES0114	3	5275	Mountain whitefish	248	166	Scale		0		
ES0114	3	5271	Mountain whitefish	244	156	Scale	3	0		
ES0114	3	5255	Mountain whitefish	322	340	Scale		0	Yellow	5298
ES0114	3	5224	Mountain whitefish	348	452	Scale		0	Yellow	5273
ES0114	3	5256	Mountain whitefish	331	396	Scale		0	Yellow	5299
ES0114	3	5223	Mountain whitefish	324	384	Scale		0	Yellow	5272
ES0114	3	5222	Mountain whitefish	276	240	Scale		0	Yellow	5271
ES0114	3	5221	Mountain whitefish	343	414	Scale		0	Yellow	5270
ES0114	3	5265	Mountain whitefish	310	360	Scale		0		
ES0114	3	5247	Mountain whitefish	318	350	Scale		0	Yellow	5291
ES0114	3	5248	Mountain whitefish	312	314	Scale		0	Yellow	5292
ES0114	3	5249	Mountain whitefish	200	82	Scale		0		
ES0114	3	5250	Mountain whitefish	332	404	Scale		0	Yellow	5293
ES0114	3	5251	Mountain whitefish	335	386	Scale		0	Yellow	5294
ES0114	3	5252	Mountain whitefish	314	288	Scale		0	Yellow	5295
ES0114	3	5244	Mountain whitefish	334	348	Scale		0	Yellow	5288
ES0114	3	5257	Mountain whitefish	318	348	Scale		0	Yellow	5300
ES0114	3	5232	Mountain whitefish	252	180	Scale		0	Yellow	5279
ES0114	3	5258	Mountain whitefish	330	356			2	Yellow	1133
ES0114	3	5260	Mountain whitefish	328	340	Scale		0	Yellow	5301
ES0114	3	5261	Mountain whitefish	301	286	Scale		0	Yellow	5302
ES0114	3	5262	Mountain whitefish	303	296	Scale		0	Yellow	5303

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0114	3	5263	Mountain whitefish	324	360	Scale		0		
ES0114	3	5254	Mountain whitefish	325	336	Scale		0	Yellow	5297
ES0114	3	5236	Mountain whitefish	261	180	Scale		0	Yellow	5282
ES0114	3	5226	Mountain whitefish	314	286			2	Yellow	2393
ES0114	3	5227	Mountain whitefish	317	344	Scale		0	Yellow	5275
ES0114	3	5228	Mountain whitefish	320	344	Scale		0	Yellow	5260
ES0114	3	5229	Mountain whitefish	318	308	Scale		0	Yellow	5276
ES0114	3	5230	Mountain whitefish	290	252	Scale		0	Yellow	5277
ES0114	3	5231	Mountain whitefish	325	384	Scale		0	Yellow	5278
ES0114	3	5253	Mountain whitefish	329	320	Scale		0	Yellow	5296
ES0114	3	5259	Mountain whitefish	307	288			2	Yellow	1026
ES0114	4	7516	Bull trout	262	186	Fin Ray	3	0	Yellow	6624
ES0114	4	7490	Mountain whitefish	297	288	Scale		0	Yellow	6601
ES0114	4	7512	Mountain whitefish	264	212	Scale		0	Yellow	6620
ES0114	4	7506	Mountain whitefish	291	262	Scale		2	Yellow	1031
ES0114	4	7489	Mountain whitefish	332				2	Yellow	5288
ES0114	4	7488	Mountain whitefish	325	380	Scale		2	Yellow	1512
ES0114	4	7515	Mountain whitefish	320	354	Scale		0	Yellow	6623
ES0114	4	7511	Mountain whitefish	298	300	Scale		0	Yellow	6619
ES0114	4	7513	Mountain whitefish	325	366	Scale		0	Yellow	6621
ES0114	4	7486	Mountain whitefish	303				2	Yellow	5295
ES0114	4	7485	Mountain whitefish	322				2	Yellow	6581
ES0114	4	7484	Mountain whitefish	340				2	Yellow	2356
ES0114	4	7483	Mountain whitefish	292		Scale		0	Yellow	6599
ES0114	4	7482	Mountain whitefish	192	78	Scale		0		
ES0114	4	7494	Mountain whitefish	332	414	Scale		0	Yellow	6604
ES0114	4	7514	Mountain whitefish	322	380	Scale		0	Yellow	6622
ES0114	4	7487	Mountain whitefish	284	240	Scale		0	Yellow	6600
ES0114	4	7492	Mountain whitefish	251	172	Scale		0	Yellow	6602
ES0114	4	7508	Mountain whitefish	336	424	Scale		0	Yellow	6616
ES0114	4	7499	Mountain whitefish	312	328	Scale		0	Yellow	6608
ES0114	4	7500	Mountain whitefish	321	372	Scale		0	Yellow	6609
ES0114	4	7501	Mountain whitefish	330	390	Scale		0	Yellow	6610
ES0114	4	7502	Mountain whitefish	323	410	Scale	6	0	Yellow	6611
ES0114	4	7504	Mountain whitefish	321	412	Scale		0	Yellow	6613
ES0114	4	7497	Mountain whitefish	328	454	Scale		0	Yellow	6607
ES0114	4	7491	Mountain whitefish	237	148	Scale		0		
ES0114	4	7496	Mountain whitefish	329	354			0	Yellow	6606
ES0114	4	7495	Mountain whitefish	325	406	Scale		0	Yellow	6605
ES0114	4	7505	Mountain whitefish	335	421	Scale		0	Yellow	6614
ES0114	4	7503	Mountain whitefish	326	390	Scale		0	Yellow	6612
ES0114	4	7507	Mountain whitefish	298	346	Scale		0	Yellow	6615
ES0114	4	7509	Mountain whitefish	324	400	Scale		0	Yellow	6617
ES0114	4	7510	Mountain whitefish	308	304	Scale		0	Yellow	6618
ES0114	4	7493	Mountain whitefish	325	398	Scale		0	Yellow	6603
ES0114	4	7498	Rainbow trout	155	46			0		
ES0114	5	10000	Mountain whitefish	312				2	Yellow	1131
ES0114	5	9997	Mountain whitefish	330				2	Yellow	3874
ES0114	5	9996	Mountain whitefish	310				2	Yellow	6608
ES0114	5	9999	Mountain whitefish	307				2	Yellow	2412
ES0114	5	9998	Mountain whitefish	325				2	Yellow	1111
ES0114	6	11772	Mountain whitefish	320				2	Yellow	6609
ES0114	6	11777	Mountain whitefish	312				2	Yellow	5280
ES0114	6	11776	Mountain whitefish	311				2	Yellow	5260
ES0114	6	11775	Mountain whitefish	279				2	Yellow	5271
ES0114	6	11774	Mountain whitefish	336				2	Yellow	2354
ES0114	6	11778	Mountain whitefish	297				2	Yellow	5313
ES0114	6	11773	Mountain whitefish	315				2	Yellow	6608
ES0114	6	11780	Mountain whitefish	326				2	Yellow	6621
ES0114	6	11779	Mountain whitefish	280				2	Yellow	2402
ES0115	1	705	Longnose sucker	453	1038			0		
ES0115	1	681	Mountain whitefish	384	496	Scale		0	Yellow	2418
ES0115	1	706	Mountain whitefish	321	332	Scale		0	Yellow	2439
ES0115	1	704	Mountain whitefish	248	162	Scale		0		
ES0115	1	686	Mountain whitefish	331	334	Scale		0	Yellow	2422
ES0115	1	688	Mountain whitefish	343	422	Scale		0	Yellow	2424
ES0115	1	698	Mountain whitefish	328	368	Scale		0	Yellow	2433
ES0115	1	679	Mountain whitefish	321	324	Scale		0	Yellow	2417
ES0115	1	695	Mountain whitefish	339	422	Scale		0	Yellow	2430

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0115	1	675	Mountain whitefish	339	410	Scale		0	Yellow	2413
ES0115	1	694	Mountain whitefish	349	414	Scale		0	Yellow	2429
ES0115	1	697	Mountain whitefish	259	210	Scale		0	Yellow	2432
ES0115	1	707	Mountain whitefish	241	146	Scale		0		
ES0115	1	700	Mountain whitefish	282	234	Scale		0	Yellow	2435
ES0115	1	701	Mountain whitefish	325	360	Scale		0		
ES0115	1	702	Mountain whitefish	288	242	Scale		0	Yellow	2437
ES0115	1	703	Mountain whitefish	344	406	Scale		0	Yellow	2438
ES0115	1	699	Mountain whitefish	303	308	Scale		0	Yellow	2434
ES0115	1	687	Mountain whitefish	307	292	Scale		0	Yellow	2423
ES0115	1	680	Mountain whitefish	325	318	Scale		0		
ES0115	1	708	Mountain whitefish	169	46	Scale		0		
ES0115	1	682	Mountain whitefish	313	344	Scale		0		
ES0115	1	683	Mountain whitefish	306	298	Scale		0	Yellow	2419
ES0115	1	684	Mountain whitefish	322	398	Scale		0	Yellow	2420
ES0115	1	696	Mountain whitefish	318	328	Scale		0	Yellow	2431
ES0115	1	677	Mountain whitefish	313	340	Scale		0	Yellow	2415
ES0115	1	678	Mountain whitefish	274	250	Scale		0	Yellow	2416
ES0115	1	676	Mountain whitefish	346	430	Scale		0	Yellow	2414
ES0115	1	689	Mountain whitefish	346	448	Scale		0	Yellow	2425
ES0115	1	690	Mountain whitefish	296				2	Yellow	2178
ES0115	1	691	Mountain whitefish	294	316	Scale		0	Yellow	2426
ES0115	1	692	Mountain whitefish	324	340	Scale		0	Yellow	2427
ES0115	1	693	Mountain whitefish	280	258	Scale		0	Yellow	2428
ES0115	1	685	Mountain whitefish	319	328	Scale		0	Yellow	2421
ES0115	2	2920	Arctic grayling	387	756	Scale	4	0	Yellow	3879
ES0115	2	2922	Largescale sucker	457	1216			0		
ES0115	2	2921	Largescale sucker	487	1312			0		
ES0115	2	2923	Longnose sucker	469	1120			0		
ES0115	2	2930	Mountain whitefish	350	412	Scale		0	Yellow	3885
ES0115	2	2929	Mountain whitefish	337	412	Scale		0	Yellow	3884
ES0115	2	2924	Mountain whitefish	245	164	Scale		0		
ES0115	2	2925	Mountain whitefish	310	310	Scale		0	Yellow	3880
ES0115	2	2918	Mountain whitefish	305	302			2	Yellow	2434
ES0115	2	2919	Mountain whitefish	336	404			2	Yellow	2413
ES0115	2	2927	Mountain whitefish	323	348	Scale		0	Yellow	3882
ES0115	2	2916	Mountain whitefish	318	370	Scale		1		
ES0115	2	2928	Mountain whitefish	389	382	Scale		0	Yellow	3883
ES0115	2	2932	Mountain whitefish	314	328	Scale		0	Yellow	3887
ES0115	2	2931	Mountain whitefish	342	428	Scale		0	Yellow	3886
ES0115	2	2926	Mountain whitefish	307	326	Scale		0	Yellow	3881
ES0115	2	2917	Rainbow trout	260	178			0		
ES0115	3	5283	Largescale sucker	507	1622			0		
ES0115	3	5284	Largescale sucker	357	638			0		
ES0115	3	5282	Longnose sucker	386	676			0		
ES0115	3	5285	Longnose sucker	386	700			0		
ES0115	3	5298	Mountain whitefish	340	368	Scale		0	Yellow	5325
ES0115	3	5305	Mountain whitefish	220	102	Scale		0		
ES0115	3	5281	Mountain whitefish	337	412	Scale		0	Yellow	5315
ES0115	3	5286	Mountain whitefish	216	100	Scale		0		
ES0115	3	5295	Mountain whitefish	328	356	Scale		0	Yellow	5323
ES0115	3	5303	Mountain whitefish	220	104	Scale		0		
ES0115	3	5302	Mountain whitefish	254	172	Scale		0	Yellow	5347
ES0115	3	5301	Mountain whitefish	265	190	Scale	3	0	Yellow	5348
ES0115	3	5299	Mountain whitefish	318	314	Scale		0	Yellow	5350
ES0115	3	5288	Mountain whitefish	306	282	Scale		0	Yellow	5317
ES0115	3	5296	Mountain whitefish	315	320	Scale		0	Yellow	5324
ES0115	3	5294	Mountain whitefish	235	142	Scale		0		
ES0115	3	5293	Mountain whitefish	299	286	Scale		0	Yellow	5322
ES0115	3	5292	Mountain whitefish	305	242	Scale		0	Yellow	5321
ES0115	3	5291	Mountain whitefish	342	420	Scale		0	Yellow	5320
ES0115	3	5290	Mountain whitefish	337	342	Scale		0	Yellow	5319
ES0115	3	5289	Mountain whitefish	410	674	Scale		0	Yellow	5318
ES0115	3	5287	Mountain whitefish	336	422	Scale		0	Yellow	5316
ES0115	3	5304	Mountain whitefish	262	174	Scale		0	Yellow	5346
ES0115	3	5300	Mountain whitefish	335	378	Scale	6	0	Yellow	5349
ES0115	3	5297	Mountain whitefish	326	390	Scale		0		
ES0115	4	7428	Bull trout	426	762	Fin Ray	5	0	Yellow	6574
ES0115	4	7431	Mountain whitefish	345	404	Scale		0	Yellow	6571



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 1											
ES0115	4	7438	Mountain whitefish	326	406	Scale		0	Yellow	6567	
ES0115	4	7437	Mountain whitefish	343	388	Scale		0	Yellow	6565	
ES0115	4	7436	Mountain whitefish	333	382	Scale		0	Yellow	6566	
ES0115	4	7435	Mountain whitefish	355	464	Scale		0	Yellow	6568	
ES0115	4	7434	Mountain whitefish	294	296	Scale		0	Yellow	6569	
ES0115	4	7432	Mountain whitefish	328		Scale		0	Yellow	6570	
ES0115	4	7429	Mountain whitefish	329	384	Scale		0	Yellow	6573	
ES0115	4	7427	Mountain whitefish	340	396	Scale		2	Yellow	119	
ES0115	4	7426	Mountain whitefish	326	420	Scale		0	Yellow	6575	
ES0115	4	7433	Mountain whitefish	344				2	Yellow	2425	
ES0115	4	7430	Mountain whitefish	340	406	Scale		0	Yellow	6572	
ES0115	4	7424	Northern pikeminnow	220	120			0			
ES0115	5	10008	Mountain whitefish	350				2	Yellow	111	
ES0115	5	10009	Mountain whitefish	291				2	Yellow	2437	
ES0115	5	10001	Walleye	485	1520			0			
ES0115	6	11781	Bull trout	820	6900	Fin Ray		8	0	Yellow	7892
ES0115	6	11799	Mountain whitefish	345				2	Yellow	6565	
ES0115	6	11798	Mountain whitefish	343				2	Yellow	119	
ES0116	1	728	Mountain whitefish	310	330	Scale		0	Yellow	2472	
ES0116	1	714	Mountain whitefish	310	284	Scale		0	Yellow	2442	
ES0116	1	727	Mountain whitefish	312	296	Scale		4	0	Yellow	2473
ES0116	1	729	Mountain whitefish	295	238	Scale		0	Yellow	2471	
ES0116	1	720	Mountain whitefish	298	260	Scale		0	Yellow	2448	
ES0116	1	730	Mountain whitefish	316	296	Scale		0	Yellow	2470	
ES0116	1	719	Mountain whitefish	319	382	Scale		0	Yellow	2447	
ES0116	1	733	Mountain whitefish	310	306	Scale		0	Yellow	2467	
ES0116	1	735	Mountain whitefish	226	130	Scale		0			
ES0116	1	736	Mountain whitefish	310	296	Scale		0	Yellow	2465	
ES0116	1	737	Mountain whitefish	328	356	Scale		0	Yellow	2464	
ES0116	1	711	Mountain whitefish	320	350	Scale		0			
ES0116	1	721	Mountain whitefish	217	106	Scale		0			
ES0116	1	710	Mountain whitefish	320	348	Scale		0	Yellow	2440	
ES0116	1	726	Mountain whitefish	301	278	Scale		4	0	Yellow	2474
ES0116	1	713	Mountain whitefish	199	84	Scale		0			
ES0116	1	732	Mountain whitefish	314	342	Scale		0	Yellow	2468	
ES0116	1	715	Mountain whitefish	324	316	Scale		0	Yellow	2443	
ES0116	1	716	Mountain whitefish	348	464	Scale		0	Yellow	2444	
ES0116	1	718	Mountain whitefish	329	356	Scale		0	Yellow	2446	
ES0116	1	717	Mountain whitefish	302	286	Scale		0	Yellow	2445	
ES0116	1	712	Mountain whitefish	328	374	Scale		0	Yellow	2441	
ES0116	1	724	Mountain whitefish	327	346	Scale		0	Yellow	2436	
ES0116	1	709	Mountain whitefish	339	468	Scale		0			
ES0116	1	731	Mountain whitefish	337	394	Scale		0	Yellow	2469	
ES0116	1	722	Mountain whitefish	275	250	Scale		0	Yellow	2449	
ES0116	1	723	Mountain whitefish	325	336	Scale		0	Yellow	2450	
ES0116	1	734	Mountain whitefish	252	182	Scale		0	Yellow	2466	
ES0116	1	725	Mountain whitefish	329	340	Scale		0	Yellow	2475	
ES0116	2	2962	Longnose sucker	400	762			0			
ES0116	2	2971	Longnose sucker	420	874			0			
ES0116	2	2977	Longnose sucker	442	1034			0			
ES0116	2	2992	Mountain whitefish	288	232	Scale		0	Yellow	3919	
ES0116	2	2986	Mountain whitefish	348	436	Scale		0	Yellow	3913	
ES0116	2	2961	Mountain whitefish	333	374	Scale		0	Yellow	3774	
ES0116	2	2968	Mountain whitefish	294	264	Scale		0	Yellow	3800	
ES0116	2	2967	Mountain whitefish	336	328	Scale		0	Yellow	3775	
ES0116	2	2966	Mountain whitefish	332	358			2	Yellow	3697	
ES0116	2	2965	Mountain whitefish	323	330	Scale		0			
ES0116	2	2964	Mountain whitefish	336	364	Scale		0	Yellow	3772	
ES0116	2	2999	Mountain whitefish	314	318	Scale		0	Yellow	3925	
ES0116	2	2988	Mountain whitefish	342	418	Scale		0	Yellow	3915	
ES0116	2	3000	Mountain whitefish	320	310	Scale		0	Yellow	3926	
ES0116	2	2970	Mountain whitefish	335	396			2	Yellow	2469	
ES0116	2	3001	Mountain whitefish	310	284	Scale		0	Yellow	3927	
ES0116	2	2996	Mountain whitefish	340	412	Scale		0	Yellow	3923	
ES0116	2	2987	Mountain whitefish	323	366	Scale		0	Yellow	3914	
ES0116	2	2985	Mountain whitefish	239	162	Scale		0			
ES0116	2	2960	Mountain whitefish	240	162	Scale		0			
ES0116	2	2963	Mountain whitefish	319	296	Scale		0	Yellow	3774	
ES0116	2	2974	Mountain whitefish	316	350	Scale		0			

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 1										
ES0116	2	2994	Mountain whitefish	317	328	Scale		0	Yellow	3921
ES0116	2	2984	Mountain whitefish	331	262	Scale		0	Yellow	3912
ES0116	2	2989	Mountain whitefish	351	388	Scale		0	Yellow	3916
ES0116	2	2995	Mountain whitefish	323	374	Scale		0	Yellow	3922
ES0116	2	2972	Mountain whitefish	289	296			2	Yellow	2343
ES0116	2	2990	Mountain whitefish	315	372	Scale		0	Yellow	3917
ES0116	2	2993	Mountain whitefish	297	334	Scale	5	0	Yellow	3920
ES0116	2	2969	Mountain whitefish	325	334			2	Yellow	2450
ES0116	2	2998	Mountain whitefish	235	134	Scale		0		
ES0116	2	2983	Mountain whitefish	278	264	Scale		0		
ES0116	2	2982	Mountain whitefish	320	388	Scale		0		
ES0116	2	2981	Mountain whitefish	329	380	Scale		0	Yellow	3911
ES0116	2	2979	Mountain whitefish	343	382	Scale		0	Yellow	3910
ES0116	2	2978	Mountain whitefish	263	210	Scale		0		
ES0116	2	2997	Mountain whitefish	293	240	Scale		0	Yellow	3924
ES0116	2	2975	Mountain whitefish	317	324	Scale		0		
ES0116	2	2976	Mountain whitefish	320	306	Scale		0		
ES0116	2	2991	Mountain whitefish	286	276	Scale		0	Yellow	3918
ES0116	2	2973	Mountain whitefish	296	330	Scale		0		
ES0116	2	2980	Mountain whitefish	335	342	Scale		0		
ES0116	3	5355	Longnose sucker	395	814			0		
ES0116	3	5345	Longnose sucker	393	812			0		
ES0116	3	5379	Mountain whitefish	236	148	Scale		0		
ES0116	3	5386	Mountain whitefish	246	170	Scale		0		
ES0116	3	5385	Mountain whitefish	240	144	Scale		0		
ES0116	3	5384	Mountain whitefish	249	192	Scale		0		
ES0116	3	5383	Mountain whitefish	246	172	Scale		0		
ES0116	3	5382	Mountain whitefish	242	148	Scale		0		
ES0116	3	5348	Mountain whitefish	333	364	Scale		0	Yellow	5355
ES0116	3	5378	Mountain whitefish	295	314	Scale		0	Yellow	5380
ES0116	3	5367	Mountain whitefish	288	274	Scale		0	Yellow	5371
ES0116	3	5351	Mountain whitefish	332	294	Scale		0	Yellow	5358
ES0116	3	5347	Mountain whitefish	445	1026	Scale		0	Yellow	5354
ES0116	3	5377	Mountain whitefish	315	316	Scale		0	Yellow	5379
ES0116	3	5376	Mountain whitefish	312	326	Scale		0	Yellow	5378
ES0116	3	5375	Mountain whitefish	302	316	Scale		0	Yellow	5377
ES0116	3	5374	Mountain whitefish	328	354	Scale		0	Yellow	5376
ES0116	3	5381	Mountain whitefish	248	156	Scale		0		
ES0116	3	5368	Mountain whitefish	323	360	Scale		0	Yellow	5372
ES0116	3	5349	Mountain whitefish	305	268	Scale		0	Yellow	5356
ES0116	3	5358	Mountain whitefish	226	132	Scale		0		
ES0116	3	5366	Mountain whitefish	320	344	Scale		0	Yellow	5370
ES0116	3	5365	Mountain whitefish	355	462	Scale		0	Yellow	5369
ES0116	3	5364	Mountain whitefish	255	178	Scale		0	Yellow	5368
ES0116	3	5363	Mountain whitefish	312	382	Scale		0	Yellow	5367
ES0116	3	5360	Mountain whitefish	304	324	Scale		0	Yellow	5364
ES0116	3	5361	Mountain whitefish	337	396	Scale		0	Yellow	5365
ES0116	3	5373	Mountain whitefish	322	354	Scale		0	Yellow	5375
ES0116	3	5369	Mountain whitefish	244	156	Scale		0		
ES0116	3	5356	Mountain whitefish	312	372	Scale		0	Yellow	5361
ES0116	3	5354	Mountain whitefish	240	176	Scale		0		
ES0116	3	5353	Mountain whitefish	302	304	Scale		0	Yellow	5360
ES0116	3	5352	Mountain whitefish	309	296	Scale		0	Yellow	5359
ES0116	3	5357	Mountain whitefish	310	298	Scale		0	Yellow	5362
ES0116	3	5350	Mountain whitefish	322	332	Scale		0	Yellow	5357
ES0116	3	5362	Mountain whitefish	292	366	Scale		0	Yellow	5366
ES0116	3	5372	Mountain whitefish	307	266	Scale		0	Yellow	5374
ES0116	3	5359	Mountain whitefish	288	262	Scale		0	Yellow	5363
ES0116	3	5346	Mountain whitefish	392	714	Scale		0	Yellow	5353
ES0116	3	5344	Mountain whitefish	348	434	Scale		0	Yellow	5352
ES0116	3	5343	Mountain whitefish	295	266	Scale		0	Yellow	5351
ES0116	3	5380	Mountain whitefish	238	158	Scale		0		
ES0116	3	5370	Mountain whitefish	254	170	Scale		0	Yellow	5373
ES0116	3	5371	Mountain whitefish	209	98	Scale		0		
ES0116	4	7441	Largescale sucker	389	814			0		
ES0116	4	7439	Longnose sucker	451	1224			0		
ES0116	4	7442	Longnose sucker	392	808			0		
ES0116	4	7440	Longnose sucker	411	830			0		
ES0116	4	7453	Mountain whitefish	324	352	Scale		0	Yellow	6584

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 1										
ES0116	4	7443	Mountain whitefish	348	438	Scale		0	Yellow	6576
ES0116	4	7460	Mountain whitefish	227	130	Scale		0		
ES0116	4	7451	Mountain whitefish	307	308	Scale		0	Yellow	6582
ES0116	4	7444	Mountain whitefish	316				2	Yellow	3926
ES0116	4	7446	Mountain whitefish	310	342	Scale		0	Yellow	6577
ES0116	4	7447	Mountain whitefish	327	398	Scale		0	Yellow	6578
ES0116	4	7448	Mountain whitefish	315	338	Scale	5	0	Yellow	6579
ES0116	4	7459	Mountain whitefish	178	56	Scale	1	0		
ES0116	4	7452	Mountain whitefish	331	344	Scale		0	Yellow	6583
ES0116	4	7458	Mountain whitefish	247	176	Scale		0		
ES0116	4	7454	Mountain whitefish	313	342	Scale		0	Yellow	6585
ES0116	4	7455	Mountain whitefish	299	282	Scale		0	Yellow	6586
ES0116	4	7456	Mountain whitefish	255	196	Scale		0	Yellow	6587
ES0116	4	7457	Mountain whitefish	250	204	Scale		0	Yellow	6588
ES0116	4	7462	Mountain whitefish	204	88	Scale		0		
ES0116	4	7449	Mountain whitefish	318	318	Scale		0	Yellow	6580
ES0116	4	7461	Mountain whitefish	207	102	Scale		0		
ES0116	4	7450	Mountain whitefish	325	362	Scale		0	Yellow	6581
ES0116	4	7445	Mountain whitefish	307				2	Yellow	3686
ES0116	5	10010	Bull trout	275	202	Fin Ray	4	0	Yellow	7872
ES0116	6	11800	Bull trout	332	344	Fin Ray	4	0	Yellow	7893
ES0116	6	11819	Mountain whitefish	290				2	Yellow	5267
ES0116	6	11817	Mountain whitefish	311				2	Yellow	2442
ES0116	6	11818	Mountain whitefish	293				2	Yellow	6586
Section 2										
ES0201	1	742	Bull trout	388	548	Fin Ray	4	0	Yellow	2462
ES0201	1	741	Longnose sucker	427	994			0		
ES0201	1	754	Mountain whitefish	249	182	Scale		0		
ES0201	1	755	Mountain whitefish	191	78	Scale		0		
ES0201	1	757	Mountain whitefish	328	374	Scale		0	Yellow	2456
ES0201	1	788	Mountain whitefish	358	410	Scale		2	Yellow	271
ES0201	1	758	Mountain whitefish	327	372	Scale		0	Yellow	2455
ES0201	1	756	Mountain whitefish	349	384	Scale		0	Yellow	2457
ES0201	1	753	Mountain whitefish	350	464	Scale		0	Yellow	2458
ES0201	1	752	Mountain whitefish	336	446	Scale		0		
ES0201	1	750	Mountain whitefish	295	300	Scale		0		
ES0201	1	748	Mountain whitefish	282	254	Scale		0	Yellow	2461
ES0201	1	747	Mountain whitefish	318	342	Scale		0		
ES0201	1	763	Mountain whitefish	255	182	Scale		0	Yellow	2452
ES0201	1	751	Mountain whitefish	377	482	Scale		0	Yellow	2459
ES0201	1	801	Mountain whitefish	327	342	Scale		0	Yellow	2500
ES0201	1	746	Mountain whitefish	344	414	Scale		0		
ES0201	1	768	Mountain whitefish	331	340	Scale		0	Yellow	2476
ES0201	1	799	Mountain whitefish	332	386	Scale		0		
ES0201	1	797	Mountain whitefish	323	318	Scale		0	Yellow	2498
ES0201	1	796	Mountain whitefish	295	288	Scale		0	Yellow	2497
ES0201	1	795	Mountain whitefish	345	408	Scale		0	Yellow	2496
ES0201	1	792	Mountain whitefish	218	126	Scale		0		
ES0201	1	793	Mountain whitefish	296	248	Scale		0	Yellow	2495
ES0201	1	786	Mountain whitefish	359	412	Scale		0	Yellow	2492
ES0201	1	787	Mountain whitefish	304	270	Scale		0	Yellow	2493
ES0201	1	791	Mountain whitefish	245	156	Scale		0		
ES0201	1	790	Mountain whitefish	321	330	Scale		0	Yellow	2494
ES0201	1	789	Mountain whitefish	325	316	Scale		0		
ES0201	1	800	Mountain whitefish	212	126	Scale		0		
ES0201	1	802	Mountain whitefish	358	486	Scale		0	Yellow	2501
ES0201	1	803	Mountain whitefish	357	478	Scale		0	Yellow	2502
ES0201	1	794	Mountain whitefish	207	80	Scale		0		
ES0201	1	775	Mountain whitefish	308	318	Scale		0	Yellow	2483
ES0201	1	767	Mountain whitefish	323	410	Scale		0		
ES0201	1	776	Mountain whitefish	332	364	Scale		0	Yellow	2484
ES0201	1	771	Mountain whitefish	324	342	Scale		0	Yellow	2479
ES0201	1	774	Mountain whitefish	305	298	Scale		0	Yellow	2482
ES0201	1	798	Mountain whitefish	330	350	Scale		0	Yellow	2499
ES0201	1	769	Mountain whitefish	339	388	Scale		0	Yellow	2477
ES0201	1	759	Mountain whitefish	282	260	Scale		0	Yellow	2454
ES0201	1	738	Mountain whitefish	325	326	Scale		0	Yellow	2463
ES0201	1	777	Mountain whitefish	202	92	Scale		0		
ES0201	1	762	Mountain whitefish	239	154	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0201	1	764	Mountain whitefish	218	102	Scale		0		
ES0201	1	765	Mountain whitefish	179	70	Scale		0		
ES0201	1	745	Mountain whitefish	272	252	Scale		0		
ES0201	1	766	Mountain whitefish	262	176	Scale		0	Yellow	2451
ES0201	1	770	Mountain whitefish	352	434	Scale		0	Yellow	2478
ES0201	1	760	Mountain whitefish	302	296	Scale		0		
ES0201	1	783	Mountain whitefish	335	340	Scale		0	Yellow	2490
ES0201	1	744	Mountain whitefish	318		Scale		1		
ES0201	1	740	Mountain whitefish	385	514	Scale		0		
ES0201	1	739	Mountain whitefish	194	80	Scale		0		
ES0201	1	749	Mountain whitefish	444	982	Scale	10	0	Yellow	2460
ES0201	1	773	Mountain whitefish	292	268	Scale		0	Yellow	2481
ES0201	1	772	Mountain whitefish	258	182	Scale		0	Yellow	2480
ES0201	1	784	Mountain whitefish	331	348	Scale	8	0		
ES0201	1	782	Mountain whitefish	292	266	Scale		0	Yellow	2489
ES0201	1	781	Mountain whitefish	322	358	Scale		0	Yellow	2488
ES0201	1	780	Mountain whitefish	325	360	Scale		0	Yellow	2487
ES0201	1	779	Mountain whitefish	330	344	Scale		0	Yellow	2486
ES0201	1	778	Mountain whitefish	340	406	Scale		0	Yellow	2485
ES0201	1	761	Mountain whitefish	354	450	Scale		0	Yellow	2453
ES0201	1	785	Mountain whitefish	360	418	Scale		0	Yellow	2491
ES0201	1	743	Rainbow trout	330	452			0		
ES0201	2	3169	Largescale sucker	466	1194			0		
ES0201	2	3175	Mountain whitefish	364	516	Scale		0		
ES0201	2	3183	Mountain whitefish	333	418	Scale		0	Yellow	4015
ES0201	2	3180	Mountain whitefish	435	836	Scale		0	Yellow	4013
ES0201	2	3178	Mountain whitefish	277	224	Scale		0	Yellow	4011
ES0201	2	3172	Mountain whitefish	233	132	Scale		0		
ES0201	2	3171	Mountain whitefish	295	268	Scale		0	Yellow	4007
ES0201	2	3170	Mountain whitefish	354	414	Scale		0	Yellow	4006
ES0201	2	3179	Mountain whitefish	326	312	Scale		0	Yellow	4012
ES0201	2	3173	Mountain whitefish	362	412			2	Yellow	271
ES0201	2	3174	Mountain whitefish	339	388	Scale		0	Yellow	4008
ES0201	2	3182	Mountain whitefish	315	324	Scale		0	Yellow	4014
ES0201	2	3177	Mountain whitefish	360	418	Scale		0	Yellow	4010
ES0201	2	3176	Mountain whitefish	380	636	Scale		0	Yellow	4009
ES0201	2	3181	Mountain whitefish	326	364			2	Yellow	2487
ES0201	2	3168	Rainbow trout	332	438			0	Yellow	4005
ES0201	3	5388	Bull trout	467	1018	Fin Ray	5	0	Yellow	5381
ES0201	3	5403	Mountain whitefish	288	256	Scale		0	Yellow	5392
ES0201	3	5404	Mountain whitefish	327	274	Scale		0	Yellow	5393
ES0201	3	5400	Mountain whitefish	318	354	Scale		2	Yellow	272
ES0201	3	5390	Mountain whitefish	332	448	Scale		0	Yellow	5383
ES0201	3	5389	Mountain whitefish	356	438	Scale		0	Yellow	5382
ES0201	3	5402	Mountain whitefish	293	244			2	Yellow	4007
ES0201	3	5401	Mountain whitefish	353	468	Scale		0	Yellow	5391
ES0201	3	5387	Mountain whitefish	217	116	Scale		1		
ES0201	3	5391	Mountain whitefish	342	412	Scale		0		
ES0201	3	5398	Mountain whitefish	258	168	Scale		0	Yellow	5389
ES0201	3	5392	Mountain whitefish	307	312	Scale		0	Yellow	5384
ES0201	3	5397	Mountain whitefish	294	260	Scale		0	Yellow	5388
ES0201	3	5395	Mountain whitefish	351	424	Scale		0	Yellow	5386
ES0201	3	5394	Mountain whitefish	261	188	Scale		0		
ES0201	3	5399	Mountain whitefish	310	222	Scale		0	Yellow	5390
ES0201	3	5393	Mountain whitefish	352	412	Scale		0	Yellow	5385
ES0201	3	5396	Mountain whitefish	338	348	Scale		0	Yellow	5387
ES0201	4	7982	Bull trout	454	1094	Fin Ray	5	0	Yellow	6937
ES0201	4	7957	Largescale sucker	453	1094			0		
ES0201	4	7969	Mountain whitefish	297	262	Scale		0	Yellow	6927
ES0201	4	7978	Mountain whitefish	336	370	Scale		0	Yellow	6935
ES0201	4	7977	Mountain whitefish	327	378	Scale		0	Yellow	6934
ES0201	4	7974	Mountain whitefish	270	192	Scale		0	Yellow	6931
ES0201	4	7976	Mountain whitefish	344	410	Scale		0	Yellow	6933
ES0201	4	7965	Mountain whitefish	390	634	Scale		0	Yellow	6923
ES0201	4	7973	Mountain whitefish	323	364	Scale		0	Yellow	6930
ES0201	4	7972	Mountain whitefish	357	440	Scale		0	Yellow	6929
ES0201	4	7979	Mountain whitefish	230	134	Scale	2	0		
ES0201	4	7970	Mountain whitefish	325	382	Scale		0	Yellow	6928
ES0201	4	7962	Mountain whitefish	339	420	Scale		0	Yellow	6922

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0201	4	7968	Mountain whitefish	299	258	Scale		0	Yellow	6926
ES0201	4	7966	Mountain whitefish	321	320	Scale		0	Yellow	6924
ES0201	4	7975	Mountain whitefish	282	278	Scale		0	Yellow	6932
ES0201	4	7964	Mountain whitefish	318	402	Scale		0		
ES0201	4	7961	Mountain whitefish	270	198	Scale		5	Yellow	6921
ES0201	4	7959	Mountain whitefish	324	328	Scale		0	Yellow	6920
ES0201	4	7958	Mountain whitefish	387	632	Scale		0	Yellow	6919
ES0201	4	7967	Mountain whitefish	331	390	Scale		0	Yellow	6925
ES0201	4	7971	Mountain whitefish	314	370	Scale		0		
ES0201	4	7981	Mountain whitefish	256	198	Scale		0	Yellow	6936
ES0201	4	7960	Mountain whitefish	323				2	Yellow	2498
ES0201	4	7980	Mountain whitefish	244	156	Scale		0		
ES0201	4	7963	Northern pikeminnow	325	400			0		
ES0201	5	10025	Mountain whitefish	326				2	Yellow	280
ES0201	6	11820	Bull trout	335	368	Fin Ray	4	0	Yellow	7894
ES0201	6	11856	Mountain whitefish	357				2	Yellow	271
ES0201	6	11855	Mountain whitefish	332				2	Yellow	260
ES0201	6	11854	Mountain whitefish	324				2	Yellow	4015
ES0201	6	11853	Mountain whitefish	355				2	Yellow	2502
ES0202	1	806	Mountain whitefish	346	390	Scale		0		
ES0202	1	833	Mountain whitefish	269	210	Scale		0	Yellow	2521
ES0202	1	805	Mountain whitefish	319	300	Scale		0	Yellow	2504
ES0202	1	826	Mountain whitefish	308	286	Scale	5	0	Yellow	2519
ES0202	1	807	Mountain whitefish	365	510	Scale		0		
ES0202	1	808	Mountain whitefish	322	310	Scale		0		
ES0202	1	809	Mountain whitefish	294	226	Scale		0	Yellow	2505
ES0202	1	804	Mountain whitefish	330	352	Scale		0	Yellow	2503
ES0202	1	811	Mountain whitefish	316	342	Scale	5	0	Yellow	2506
ES0202	1	824	Mountain whitefish	318	366	Scale		0		
ES0202	1	813	Mountain whitefish	310	334	Scale		0	Yellow	2507
ES0202	1	814	Mountain whitefish	316	332	Scale		0	Yellow	2508
ES0202	1	815	Mountain whitefish	292	290	Scale		0	Yellow	2509
ES0202	1	816	Mountain whitefish	295	296	Scale		0		
ES0202	1	817	Mountain whitefish	318	316	Scale		0	Yellow	2511
ES0202	1	818	Mountain whitefish	326	320	Scale		0	Yellow	2512
ES0202	1	819	Mountain whitefish	269	190	Scale		0	Yellow	2513
ES0202	1	828	Mountain whitefish	201	78	Scale		0		
ES0202	1	821	Mountain whitefish	334	386	Scale		0	Yellow	2515
ES0202	1	822	Mountain whitefish	309	256	Scale		0	Yellow	2516
ES0202	1	823	Mountain whitefish	277	222	Scale		0	Yellow	2517
ES0202	1	810	Mountain whitefish	249	174	Scale		0		
ES0202	1	825	Mountain whitefish	335	392	Scale		0	Yellow	2518
ES0202	1	827	Mountain whitefish	224	106	Scale		0		
ES0202	1	829	Mountain whitefish	148	28	Scale		0		
ES0202	1	830	Mountain whitefish	261	194	Scale		0	Yellow	2520
ES0202	1	831	Mountain whitefish	204	76	Scale		0		
ES0202	1	832	Mountain whitefish	209	90	Scale		0		
ES0202	1	820	Mountain whitefish	320	334	Scale		0	Yellow	2514
ES0202	1	812	Rainbow trout	455	1184			0		
ES0202	2	3197	Bull trout	430	784	Fin Ray	5	0	Yellow	4027
ES0202	2	3193	Mountain whitefish	342	422	Scale		0	Yellow	4023
ES0202	2	3189	Mountain whitefish	320	330	Scale		0	Yellow	4019
ES0202	2	3191	Mountain whitefish	322	344	Scale		0	Yellow	4021
ES0202	2	3185	Mountain whitefish	333	412			2	Yellow	2223
ES0202	2	3184	Mountain whitefish	366	488			2	Yellow	279
ES0202	2	3192	Mountain whitefish	334	234	Scale		0	Yellow	4022
ES0202	2	3194	Mountain whitefish	274	230	Scale		0	Yellow	4024
ES0202	2	3195	Mountain whitefish	315	292	Scale		0	Yellow	4025
ES0202	2	3186	Mountain whitefish	320	282	Scale		0	Yellow	4016
ES0202	2	3187	Mountain whitefish	342	392	Scale		0	Yellow	4017
ES0202	2	3188	Mountain whitefish	341	386	Scale		0	Yellow	4018
ES0202	2	3190	Mountain whitefish	343	398	Scale		0	Yellow	4020
ES0202	2	3196	Rainbow trout	388	566			0	Yellow	4026
ES0202	3	5418	Mountain whitefish	160	44	Scale		0		
ES0202	3	5410	Mountain whitefish	322				2	Yellow	2506
ES0202	3	5424	Mountain whitefish	327	340	Scale		0		
ES0202	3	5423	Mountain whitefish	202	90	Scale		0	Yellow	5404
ES0202	3	5427	Mountain whitefish	316	310	Scale		0	Yellow	5406
ES0202	3	5428	Mountain whitefish	239	164	Scale		0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 2										
ES0202	3	5407	Mountain whitefish	340	404	Scale		0	Yellow	5399
ES0202	3	5408	Mountain whitefish	328	358	Scale		0	Yellow	5398
ES0202	3	5421	Mountain whitefish	315	330	Scale		0	Yellow	5403
ES0202	3	5419	Mountain whitefish	278	236	Scale		0	Yellow	5401
ES0202	3	5406	Mountain whitefish	205	94	Scale		0		
ES0202	3	5417	Mountain whitefish	194	32	Scale		0		
ES0202	3	5416	Mountain whitefish	335	362	Scale		0		
ES0202	3	5414	Mountain whitefish	318	344	Scale		0	Yellow	5395
ES0202	3	5413	Mountain whitefish	301	322	Scale		0	Yellow	5396
ES0202	3	5420	Mountain whitefish	214	96	Scale		0	Yellow	5402
ES0202	3	5412	Mountain whitefish	306	316	Scale		0	Yellow	5397
ES0202	3	5411	Mountain whitefish	316				2	Yellow	4025
ES0202	3	5405	Mountain whitefish	264	216	Scale		0	Yellow	5400
ES0202	3	5425	Mountain whitefish	245	160	Scale		3	0	
ES0202	3	5422	Mountain whitefish	317	332	Scale		0		
ES0202	3	5426	Mountain whitefish	263	204	Scale		0	Yellow	5405
ES0202	3	5415	Mountain whitefish	309	328	Scale		0	Yellow	5394
ES0202	3	5409	Rainbow trout	421	776			0		
ES0202	4	7946	Bull trout	393	632	Fin Ray		4	0	Yellow
ES0202	4	7947	Bull trout	386	640	Fin Ray		4	0	Yellow
ES0202	4	7923	Longnose sucker	382	752			0		
ES0202	4	7922	Longnose sucker	371	632			0		
ES0202	4	7938	Mountain whitefish	326	362	Scale		0	Yellow	6908
ES0202	4	7924	Mountain whitefish	317	396	Scale		0	Yellow	6901
ES0202	4	7933	Mountain whitefish	316				2	Yellow	2506
ES0202	4	7926	Mountain whitefish	315	328	Scale		0	Yellow	6903
ES0202	4	7955	Mountain whitefish	155	42	Scale		0		
ES0202	4	7931	Mountain whitefish	332				2	Yellow	5912
ES0202	4	7925	Mountain whitefish	312	324	Scale		0	Yellow	6902
ES0202	4	7932	Mountain whitefish	312	328	Scale		0	Yellow	6906
ES0202	4	7934	Mountain whitefish	370	490	Scale		0	Yellow	6907
ES0202	4	7935	Mountain whitefish	212	112	Scale		0		
ES0202	4	7927	Mountain whitefish	327	394	Scale		0		
ES0202	4	7930	Mountain whitefish	308	330	Scale		0	Yellow	6905
ES0202	4	7954	Mountain whitefish	140	30	Scale		0		
ES0202	4	7937	Mountain whitefish	336				2	Yellow	2485
ES0202	4	7936	Mountain whitefish	318				2	Yellow	4019
ES0202	4	7929	Mountain whitefish	318	334	Scale		0	Yellow	6904
ES0202	4	7920	Mountain whitefish	295	302	Scale		0		
ES0202	4	7940	Mountain whitefish	277	244	Scale		3	0	Yellow
ES0202	4	7953	Mountain whitefish	196	94	Scale		0		
ES0202	4	7952	Mountain whitefish	244	158	Scale		3	0	
ES0202	4	7951	Mountain whitefish	270	228	Scale		0	Yellow	6918
ES0202	4	7950	Mountain whitefish	279	244	Scale		0	Yellow	6917
ES0202	4	7949	Mountain whitefish	155	44	Scale		0		
ES0202	4	7943	Mountain whitefish	344	416	Scale		0	Yellow	6912
ES0202	4	7956	Mountain whitefish	238	140	Scale		0		
ES0202	4	7942	Mountain whitefish	338	388	Scale		0	Yellow	6911
ES0202	4	7944	Mountain whitefish	321	364	Scale		0	Yellow	6913
ES0202	4	7945	Mountain whitefish	306	318	Scale		0	Yellow	6914
ES0202	4	7921	Mountain whitefish	311	304	Scale		4	0	
ES0202	4	7941	Mountain whitefish	318	330	Scale		0	Yellow	6910
ES0202	4	7939	Rainbow trout	360	488			0		
ES0202	4	7928	Rainbow trout	333	448			0		
ES0202	4	7948	Rainbow trout	336	520			0		
ES0202	5	10026	Bull trout	615	3400	Fin Ray		6	0	Yellow
ES0202	6	11857	Rainbow trout	370				2	Yellow	1345
ES0203	1	861	Largescale sucker	345	492			0		
ES0203	1	842	Mountain whitefish	336	364	Scale		0	Yellow	2528
ES0203	1	850	Mountain whitefish	254	168	Scale		0	Yellow	2533
ES0203	1	837	Mountain whitefish	312	344	Scale		0	Yellow	2525
ES0203	1	838	Mountain whitefish	355	422	Scale		0	Yellow	2510
ES0203	1	839	Mountain whitefish	229	124	Scale		0		
ES0203	1	852	Mountain whitefish	316	328	Scale		0	Yellow	2535
ES0203	1	853	Mountain whitefish	331	352	Scale		6	0	Yellow
ES0203	1	851	Mountain whitefish	305	298	Scale		0	Yellow	2534
ES0203	1	856	Mountain whitefish	312	344	Scale		0	Yellow	2538
ES0203	1	841	Mountain whitefish	327	382	Scale		0	Yellow	2527
ES0203	1	843	Mountain whitefish	319	354	Scale		0	Yellow	2529

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0203	1	860	Mountain whitefish	320	368	Scale		0	Yellow	2541
ES0203	1	846	Mountain whitefish	256	176	Scale		0		
ES0203	1	847	Mountain whitefish	335	386	Scale		0	Yellow	2531
ES0203	1	836	Mountain whitefish	295	256	Scale		0	Yellow	2524
ES0203	1	848	Mountain whitefish	311	308	Scale		0	Yellow	2532
ES0203	1	840	Mountain whitefish	344	432	Scale		0	Yellow	2526
ES0203	1	857	Mountain whitefish	268	196	Scale		0		
ES0203	1	858	Mountain whitefish	281	234	Scale		0	Yellow	2539
ES0203	1	834	Mountain whitefish	319	294	Scale		0	Yellow	2522
ES0203	1	859	Mountain whitefish	292	262	Scale		0	Yellow	2540
ES0203	1	845	Mountain whitefish	321	360	Scale		0		
ES0203	1	855	Mountain whitefish	242	126	Scale		0		
ES0203	1	844	Mountain whitefish	395	576	Scale		0	Yellow	2530
ES0203	1	854	Mountain whitefish	316	304	Scale		0	Yellow	2537
ES0203	1	835	Mountain whitefish	289	250	Scale		0	Yellow	2523
ES0203	1	849	Northern pikeminnow	395	650			0		
ES0203	2	3208	Bull trout	385	530	Fin Ray	5	0	Yellow	4037
ES0203	2	3199	Mountain whitefish	317	300	Scale		5	Yellow	4028
ES0203	2	3201	Mountain whitefish	287	262	Scale		0	Yellow	4030
ES0203	2	3205	Mountain whitefish	325	330	Scale		0	Yellow	4034
ES0203	2	3202	Mountain whitefish	320	318	Scale		0	Yellow	4031
ES0203	2	3200	Mountain whitefish	307	290	Scale		0	Yellow	4029
ES0203	2	3207	Mountain whitefish	251	172	Scale		0	Yellow	4036
ES0203	2	3198	Mountain whitefish	313	328			2	Yellow	2514
ES0203	2	3206	Mountain whitefish	317	302	Scale		0	Yellow	4035
ES0203	2	3204	Mountain whitefish	418	792	Scale		0	Yellow	4033
ES0203	2	3203	Mountain whitefish	326	352	Scale		0	Yellow	4032
ES0203	2	3209	Rainbow trout	412	668			0	Yellow	4038
ES0203	3	5431	Arctic grayling	379	666	Scale	4	2	Yellow	284
ES0203	3	5430	Arctic grayling	324	430	Scale	3	0	Yellow	5407
ES0203	3	5436	Largescale sucker	346	1158			0		
ES0203	3	5440	Longnose sucker	406	812			0		
ES0203	3	5447	Mountain whitefish	333	380	Scale		0	Yellow	5420
ES0203	3	5448	Mountain whitefish	337	438	Scale		0	Yellow	5421
ES0203	3	5449	Mountain whitefish	334	366	Scale	6	0	Yellow	5422
ES0203	3	5450	Mountain whitefish	151	34	Scale		0		
ES0203	3	5451	Mountain whitefish	234	134	Scale		0		
ES0203	3	5453	Mountain whitefish	209	98	Scale		0		
ES0203	3	5454	Mountain whitefish	305	314	Scale		0	Yellow	5424
ES0203	3	5443	Mountain whitefish	433	846	Scale		0	Yellow	5416
ES0203	3	5445	Mountain whitefish	279	244	Scale		0	Yellow	5418
ES0203	3	5452	Mountain whitefish	300	284	Scale		0	Yellow	5423
ES0203	3	5463	Mountain whitefish	236	124	Scale		0		
ES0203	3	5472	Mountain whitefish	273	248	Scale		0	Yellow	5435
ES0203	3	5471	Mountain whitefish	257	172	Scale		0	Yellow	5434
ES0203	3	5470	Mountain whitefish	191	80	Scale		0		
ES0203	3	5455	Mountain whitefish	319	316	Scale		0	Yellow	5425
ES0203	3	5468	Mountain whitefish	276	204	Scale		0	Yellow	5432
ES0203	3	5456	Mountain whitefish	207	94	Scale		0		
ES0203	3	5473	Mountain whitefish	238	142	Scale		0		
ES0203	3	5465	Mountain whitefish	332	354	Scale		0	Yellow	5431
ES0203	3	5466	Mountain whitefish	240	152	Scale		0		
ES0203	3	5462	Mountain whitefish	242	160	Scale		0		
ES0203	3	5461	Mountain whitefish	202	84	Scale		0		
ES0203	3	5460	Mountain whitefish	341	372	Scale		0	Yellow	5429
ES0203	3	5459	Mountain whitefish	285	292	Scale		0	Yellow	5428
ES0203	3	5458	Mountain whitefish	353	288	Scale		0	Yellow	5427
ES0203	3	5432	Mountain whitefish	345	396	Scale		0	Yellow	5408
ES0203	3	5469	Mountain whitefish	310	302	Scale		0	Yellow	5433
ES0203	3	5429	Mountain whitefish	301	316	Scale		0		
ES0203	3	5433	Mountain whitefish	291	262	Scale		0	Yellow	5409
ES0203	3	5464	Mountain whitefish	314	316	Scale		0	Yellow	5430
ES0203	3	5446	Mountain whitefish	287	248	Scale	3	0	Yellow	5419
ES0203	3	5474	Mountain whitefish	240	152	Scale		0		
ES0203	3	5444	Mountain whitefish	340	380	Scale		0	Yellow	5417
ES0203	3	5434	Mountain whitefish	272	222	Scale	3	0	Yellow	5410
ES0203	3	5457	Mountain whitefish	353	384	Scale		0	Yellow	5426
ES0203	3	5442	Mountain whitefish	323	322	Scale		0	Yellow	5415
ES0203	3	5441	Mountain whitefish	313	310	Scale		0	Yellow	5414

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0203	3	5439	Mountain whitefish	307	328	Scale		0	Yellow	5413
ES0203	3	5438	Mountain whitefish	362	378	Scale		0	Yellow	5412
ES0203	3	5437	Mountain whitefish	329				2	Yellow	4098
ES0203	3	5435	Mountain whitefish	298	306	Scale	5	0	Yellow	5411
ES0203	3	5467	Mountain whitefish	143	44	Scale	1	0		
ES0203	3	5476	Mountain whitefish	160	44	Scale		0		
ES0203	3	5475	Mountain whitefish	196	84	Scale		0		
ES0203	3	5477	Mountain whitefish	187	72	Scale		0		
ES0203	4	8273	Bull trout	465	1012	Fin Ray	5	0	Yellow	7104
ES0203	4	8289	Mountain whitefish	304	276	Scale		0	Yellow	7118
ES0203	4	8282	Mountain whitefish	350	448	Scale		0	Yellow	7110
ES0203	4	8283	Mountain whitefish	300	302	Scale		0	Yellow	7111
ES0203	4	8286	Mountain whitefish	318	362	Scale		0	Yellow	7114
ES0203	4	8272	Mountain whitefish	250	194	Scale		0	Yellow	7103
ES0203	4	8291	Mountain whitefish	325	328			2	Yellow	2512
ES0203	4	8281	Mountain whitefish	293	288	Scale		0	Yellow	7109
ES0203	4	8276	Mountain whitefish	354	432	Scale		0	Yellow	7106
ES0203	4	8290	Mountain whitefish	243		Scale		0		
ES0203	4	8287	Mountain whitefish	305	314	Scale		0	Yellow	7116
ES0203	4	8280	Mountain whitefish	194	76	Scale		0		
ES0203	4	8279	Mountain whitefish	202	96	Scale		0		
ES0203	4	8285	Mountain whitefish	310	304	Scale		0	Yellow	7113
ES0203	4	8277	Mountain whitefish	316	360	Scale		0	Yellow	7107
ES0203	4	8275	Mountain whitefish	250	174	Scale		0	Yellow	7105
ES0203	4	8288	Mountain whitefish	342	428	Scale		0	Yellow	7117
ES0203	4	8260	Mountain whitefish	321	392			2	Yellow	5427
ES0203	4	8271	Mountain whitefish	221	128	Scale		0		
ES0203	4	8284	Mountain whitefish	274	236	Scale		0	Yellow	7112
ES0203	4	8278	Mountain whitefish	313	300	Scale		0	Yellow	7108
ES0203	4	8268	Mountain whitefish	261	200	Scale		0	Yellow	7101
ES0203	4	8263	Mountain whitefish	192	90	Scale		0		
ES0203	4	8269	Mountain whitefish	412	778	Scale		0	Yellow	7102
ES0203	4	8262	Mountain whitefish	322	338			2	Yellow	4034
ES0203	4	8267	Mountain whitefish	256	174			2	Yellow	2533
ES0203	4	8266	Mountain whitefish	307	304	Scale		0	Yellow	7100
ES0203	4	8265	Mountain whitefish	327	368	Scale		0	Yellow	7099
ES0203	4	8264	Mountain whitefish	355	482	Scale		0	Yellow	7098
ES0203	4	8261	Mountain whitefish	337	364	Scale		0	Yellow	7097
ES0203	4	8259	Mountain whitefish	232	138	Scale		0		
ES0203	4	8257	Mountain whitefish	318	360	Scale		0		
ES0203	4	8256	Mountain whitefish	155	44	Scale		0		
ES0203	4	8255	Mountain whitefish	235	138	Scale	3	0		
ES0203	4	8254	Mountain whitefish	331	372			2	Yellow	5412
ES0203	4	8253	Mountain whitefish	330	390	Scale		1		
ES0203	4	8252	Mountain whitefish	322	322	Scale		0		
ES0203	4	8258	Mountain whitefish	258		Scale		0	Yellow	7096
ES0203	4	8270	Mountain whitefish	147	36	Scale		0		
ES0203	4	8274	Rainbow trout	362	526			2	Yellow	1353
ES0203	4	8292	Rainbow trout	387	688			0		
ES0203	4	8293	Rainbow trout	355	482			0		
ES0203	5	10056	Mountain whitefish	299				2	Yellow	5423
ES0203	5	10057	Mountain whitefish	331				2	Yellow	2503
ES0203	5	10044	Rainbow trout	360				2	Yellow	1353
ES0203	6	11884	Mountain whitefish	330				2	Yellow	5415
ES0203	6	11886	Mountain whitefish	340				2	Yellow	7097
ES0203	6	11885	Mountain whitefish	315				2	Yellow	290
ES0204	1	886	Bull trout	395	610	Fin Ray	4	0	Yellow	2556
ES0204	1	888	Longnose sucker	434	968			0		
ES0204	1	900	Longnose sucker	412	918			0		
ES0204	1	862	Longnose sucker	381	566			0		
ES0204	1	883	Mountain whitefish	323	350	Scale		2	Yellow	1381
ES0204	1	898	Mountain whitefish	407	680	Scale		0	Yellow	2564
ES0204	1	887	Mountain whitefish	340	368	Scale		0	Yellow	2557
ES0204	1	889	Mountain whitefish	387	520	Scale	7	0	Yellow	2558
ES0204	1	892	Mountain whitefish	342	444	Scale		0	Yellow	2559
ES0204	1	893	Mountain whitefish	324	386	Scale		0		
ES0204	1	894	Mountain whitefish	357	490	Scale		0	Yellow	2560
ES0204	1	895	Mountain whitefish	287	272	Scale		0	Yellow	2561
ES0204	1	897	Mountain whitefish	345	432	Scale		0	Yellow	2563



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0204	1	885	Mountain whitefish	260	248	Scale		0		
ES0204	1	899	Mountain whitefish	351	464	Scale		0	Yellow	2565
ES0204	1	901	Mountain whitefish	342	438	Scale		0	Yellow	2566
ES0204	1	902	Mountain whitefish	238	136	Scale		0		
ES0204	1	896	Mountain whitefish	302	292	Scale		0	Yellow	2562
ES0204	1	877	Mountain whitefish	291	250	Scale		0	Yellow	2551
ES0204	1	880	Mountain whitefish	315	328	Scale		0	Yellow	2554
ES0204	1	891	Mountain whitefish	300	330	Scale		0		
ES0204	1	876	Mountain whitefish	301	314	Scale		0		
ES0204	1	890	Mountain whitefish	328	372	Scale		0		
ES0204	1	863	Mountain whitefish	318	382			0	Yellow	2542
ES0204	1	866	Mountain whitefish	335	360	Scale		0	Yellow	2544
ES0204	1	884	Mountain whitefish	294	272	Scale		0	Yellow	2555
ES0204	1	865	Mountain whitefish	383	524	Scale		0	Yellow	2543
ES0204	1	875	Mountain whitefish	222	118	Scale		0		
ES0204	1	878	Mountain whitefish	300	242	Scale		0	Yellow	2552
ES0204	1	867	Mountain whitefish	320	336	Scale		2	Yellow	1414
ES0204	1	868	Mountain whitefish	230	132	Scale		0		
ES0204	1	874	Mountain whitefish	421	694	Scale		0	Yellow	2550
ES0204	1	873	Mountain whitefish	317	362	Scale		0	Yellow	2549
ES0204	1	872	Mountain whitefish	360	482	Scale		0	Yellow	2548
ES0204	1	870	Mountain whitefish	328	406	Scale		0	Yellow	2546
ES0204	1	869	Mountain whitefish	397	582	Scale		0	Yellow	2545
ES0204	1	871	Mountain whitefish	304	298	Scale		0	Yellow	2547
ES0204	1	864	Mountain whitefish	297	290	Scale		0		
ES0204	1	879	Mountain whitefish	445	898	Scale		0	Yellow	2553
ES0204	1	882	Rainbow trout	366	604			0		
ES0204	1	881	Rainbow trout	367	548			0		
ES0204	2	3327	Longnose sucker	395	784			0		
ES0204	2	3336	Mountain whitefish	202	86	Scale		0		
ES0204	2	3329	Mountain whitefish	377	500	Scale		0	Yellow	4121
ES0204	2	3335	Mountain whitefish	311	316	Scale		0	Yellow	4126
ES0204	2	3328	Mountain whitefish	334	342	Scale		0	Yellow	4120
ES0204	2	3330	Mountain whitefish	301	292	Scale		0	Yellow	4122
ES0204	2	3333	Mountain whitefish	338	366	Scale		0	Yellow	4124
ES0204	2	3334	Mountain whitefish	330	360	Scale		0	Yellow	4125
ES0204	2	3337	Mountain whitefish	237	136	Scale		0		
ES0204	2	3332	Rainbow trout	284	212			0	Yellow	4123
ES0204	2	3331	Rainbow trout	246	170			0		
ES0204	3	5495	Bull trout	378	522	Fin Ray	5	0	Yellow	5446
ES0204	3	5494	Bull trout	530	1612	Fin Ray	6	0	Yellow	5447
ES0204	3	5482	Largescale sucker	440	1112			0		
ES0204	3	5483	Longnose sucker	480	1450			0		
ES0204	3	5508	Mountain whitefish	286	244	Scale		0	Yellow	5460
ES0204	3	5481	Mountain whitefish	290	244	Scale		0	Yellow	5437
ES0204	3	5485	Mountain whitefish	454	924	Scale		0	Yellow	5440
ES0204	3	5504	Mountain whitefish	284	246	Scale		0	Yellow	5458
ES0204	3	5509	Mountain whitefish	240	154	Scale		0		
ES0204	3	5506	Mountain whitefish	237	142	Scale		0		
ES0204	3	5507	Mountain whitefish	240	140	Scale		0		
ES0204	3	5510	Mountain whitefish	255	170	Scale		0		
ES0204	3	5484	Mountain whitefish	351	490	Scale		0	Yellow	5439
ES0204	3	5505	Mountain whitefish	284	240	Scale		0	Yellow	5459
ES0204	3	5511	Mountain whitefish	227	106	Scale		0		
ES0204	3	5486	Mountain whitefish	314	362	Scale		0	Yellow	5442
ES0204	3	5488	Mountain whitefish	350	426	Scale		0	Yellow	5443
ES0204	3	5489	Mountain whitefish	309	314	Scale		0	Yellow	5444
ES0204	3	5487	Mountain whitefish	371	530	Scale		0	Yellow	5441
ES0204	3	5492	Mountain whitefish	314	308	Scale		0	Yellow	5449
ES0204	3	5490	Mountain whitefish	319	346	Scale		0	Yellow	5445
ES0204	3	5497	Mountain whitefish	327	348	Scale		0	Yellow	5452
ES0204	3	5499	Mountain whitefish	285	250	Scale		0	Yellow	5453
ES0204	3	5500	Mountain whitefish	318	334	Scale		0		
ES0204	3	5501	Mountain whitefish	300	324	Scale		0	Yellow	5456
ES0204	3	5502	Mountain whitefish	247	160	Scale		0		
ES0204	3	5498	Mountain whitefish	235	142	Scale		0		
ES0204	3	5479	Mountain whitefish	311	364	Scale		1		
ES0204	3	5478	Mountain whitefish	300	302	Scale		1		
ES0204	3	5503	Mountain whitefish	316	336	Scale	5	0	Yellow	5457

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0204	3	5496	Mountain whitefish	294	280	Scale		0	Yellow	5451
ES0204	3	5480	Mountain whitefish	320	396	Scale		0	Yellow	5436
ES0204	3	5491	Mountain whitefish	327	380	Scale		0	Yellow	5448
ES0204	3	5493	Mountain whitefish	336	378	Scale	7	0	Yellow	5450
ES0204	4	8351	Mountain whitefish	236	150	Scale		0		
ES0204	4	8347	Mountain whitefish	329	318	Scale		0	Yellow	7157
ES0204	4	8348	Mountain whitefish	317	348	Scale		0	Yellow	7158
ES0204	4	8350	Mountain whitefish	287	276	Scale		0	Yellow	7160
ES0204	4	8352	Mountain whitefish	234	152	Scale		0		
ES0204	4	8353	Mountain whitefish	213	110	Scale		0		
ES0204	4	8349	Mountain whitefish	365	481	Scale		0	Yellow	7159
ES0204	5	10074	Mountain whitefish	329				2	Yellow	4125
ES0204	6	11911	Mountain whitefish	318				2	Yellow	7148
ES0205	1	929	Arctic grayling	322	430	Scale	3	0	Yellow	2586
ES0205	1	907	Mountain whitefish	314	310	Scale		0	Yellow	2569
ES0205	1	913	Mountain whitefish	314	342	Scale		0	Yellow	2574
ES0205	1	906	Mountain whitefish	319	362	Scale		0	Yellow	2568
ES0205	1	940	Mountain whitefish	205	90	Scale		0		
ES0205	1	936	Mountain whitefish	286	244	Scale		0	Yellow	2590
ES0205	1	935	Mountain whitefish	233	150	Scale		0		
ES0205	1	947	Mountain whitefish	317	366	Scale		0	Yellow	2594
ES0205	1	933	Mountain whitefish	154	36	Scale		0		
ES0205	1	937	Mountain whitefish	267	228	Scale		0	Yellow	2591
ES0205	1	952	Mountain whitefish	261	188	Scale		0	Yellow	2596
ES0205	1	939	Mountain whitefish	243	150	Scale		0		
ES0205	1	905	Mountain whitefish	295	260	Scale		0		
ES0205	1	943	Mountain whitefish	328	396	Scale		0	Yellow	2592
ES0205	1	946	Mountain whitefish	307	320	Scale		0	Yellow	2593
ES0205	1	944	Mountain whitefish	183	76	Scale		0		
ES0205	1	948	Mountain whitefish	263	206	Scale		0	Yellow	2595
ES0205	1	949	Mountain whitefish	213	108	Scale		0		
ES0205	1	951	Mountain whitefish	237	152	Scale		0		
ES0205	1	938	Mountain whitefish	181	72	Scale		0		
ES0205	1	909	Mountain whitefish	251	178	Scale		0	Yellow	2571
ES0205	1	930	Mountain whitefish	302	278	Scale		0	Yellow	2587
ES0205	1	904	Mountain whitefish	259	210	Scale		0	Yellow	2567
ES0205	1	928	Mountain whitefish	299	312	Scale		0	Yellow	2585
ES0205	1	927	Mountain whitefish	350	436	Scale		0	Yellow	2584
ES0205	1	926	Mountain whitefish	421	832	Scale		0	Yellow	2583
ES0205	1	925	Mountain whitefish	214	120	Scale		0		
ES0205	1	932	Mountain whitefish	321	354	Scale		0	Yellow	2589
ES0205	1	923	Mountain whitefish	305	296	Scale		0	Yellow	2581
ES0205	1	912	Mountain whitefish	316	368	Scale		0	Yellow	2573
ES0205	1	921	Mountain whitefish	310	310	Scale	5	0	Yellow	2579
ES0205	1	919	Mountain whitefish	357	444	Scale		0	Yellow	2577
ES0205	1	917	Mountain whitefish	240	148	Scale		0		
ES0205	1	916	Mountain whitefish	385	512	Scale		0	Yellow	2576
ES0205	1	915	Mountain whitefish	313	296	Scale		0	Yellow	2575
ES0205	1	914	Mountain whitefish	221	112	Scale		0		
ES0205	1	908	Mountain whitefish	250	158	Scale		0	Yellow	2570
ES0205	1	934	Mountain whitefish	188	68	Scale		0		
ES0205	1	903	Mountain whitefish	199	90	Scale		0		
ES0205	1	931	Mountain whitefish	310	292	Scale		0	Yellow	2588
ES0205	1	922	Mountain whitefish	317	324	Scale		0	Yellow	2580
ES0205	1	918	Mountain whitefish	322	308	Scale		0		
ES0205	1	910	Mountain whitefish	152	40	Scale		0		
ES0205	1	924	Mountain whitefish	381	248	Scale		0	Yellow	2582
ES0205	1	911	Mountain whitefish	318	338	Scale		0	Yellow	2572
ES0205	1	920	Mountain whitefish	320	326	Scale		0	Yellow	2578
ES0205	1	945	Mountain whitefish	243	156	Scale		0		
ES0205	1	950	Rainbow trout	312	350			0		
ES0205	1	941	Rainbow trout	329	418			0		
ES0205	1	953	Rainbow trout	355	482			0		
ES0205	1	942	Rainbow trout	383	662			0		
ES0205	2	3474	Arctic grayling	363	684	Scale	3	0	Yellow	4199
ES0205	2	3480	Mountain whitefish	315	352	Scale		0	Yellow	4204
ES0205	2	3530	Mountain whitefish	309	336	Scale		0	Yellow	4263
ES0205	2	3529	Mountain whitefish	312	318	Scale		0	Yellow	4262
ES0205	2	3528	Mountain whitefish	345	378	Scale		0	Yellow	4261

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0205	2	3526	Mountain whitefish	248	168	Scale		0		
ES0205	2	3497	Mountain whitefish	352	406	Scale		0	Yellow	4215
ES0205	2	3525	Mountain whitefish	303	292	Scale		0	Yellow	4260
ES0205	2	3524	Mountain whitefish	345	478	Scale		0	Yellow	4259
ES0205	2	3523	Mountain whitefish	311	330	Scale		0	Yellow	4258
ES0205	2	3522	Mountain whitefish	301	288	Scale		0	Yellow	4257
ES0205	2	3521	Mountain whitefish	366	522	Scale	7	0	Yellow	4256
ES0205	2	3527	Mountain whitefish	240	154	Scale		0		
ES0205	2	3494	Mountain whitefish	335	374			2	Yellow	1391
ES0205	2	3532	Mountain whitefish	299	302	Scale		0	Yellow	4265
ES0205	2	3495	Mountain whitefish	235	144	Scale		0		
ES0205	2	3506	Mountain whitefish	234	140	Scale		0		
ES0205	2	3493	Mountain whitefish	331	362	Scale		0		
ES0205	2	3507	Mountain whitefish	247	168	Scale		0		
ES0205	2	3491	Mountain whitefish	312	328	Scale		0	Yellow	4213
ES0205	2	3490	Mountain whitefish	316	324	Scale		0	Yellow	4212
ES0205	2	3489	Mountain whitefish	400	608	Scale		0	Yellow	4211
ES0205	2	3487	Mountain whitefish	276	250	Scale		0		
ES0205	2	3486	Mountain whitefish	242	156	Scale		0		
ES0205	2	3485	Mountain whitefish	351	430	Scale		0	Yellow	4209
ES0205	2	3484	Mountain whitefish	329	362	Scale		0	Yellow	4208
ES0205	2	3483	Mountain whitefish	320	360	Scale		0	Yellow	4207
ES0205	2	3518	Mountain whitefish	291	284	Scale		0	Yellow	4255
ES0205	2	3512	Mountain whitefish	341	390	Scale	7	0	Yellow	4224
ES0205	2	3500	Mountain whitefish	285	226	Scale		0	Yellow	4217
ES0205	2	3501	Mountain whitefish	213	98	Scale		0		
ES0205	2	3502	Mountain whitefish	334	330	Scale		0	Yellow	4218
ES0205	2	3503	Mountain whitefish	327	402	Scale		0		
ES0205	2	3504	Mountain whitefish	312	308	Scale		0	Yellow	4219
ES0205	2	3533	Mountain whitefish	302	300	Scale		0	Yellow	4266
ES0205	2	3492	Mountain whitefish	296	282	Scale		0		
ES0205	2	3531	Mountain whitefish	320	326	Scale		0	Yellow	4264
ES0205	2	3520	Mountain whitefish	334	376			2	Yellow	4144
ES0205	2	3508	Mountain whitefish	312	304	Scale		0	Yellow	4221
ES0205	2	3479	Mountain whitefish	335	360	Scale		0		
ES0205	2	3509	Mountain whitefish	335	294			2	Yellow	4171
ES0205	2	3505	Mountain whitefish	309	574	Scale		0	Yellow	4220
ES0205	2	3511	Mountain whitefish	322	334	Scale		0	Yellow	4223
ES0205	2	3519	Mountain whitefish	277	224			2	Yellow	313
ES0205	2	3513	Mountain whitefish	320	308	Scale		0	Yellow	4225
ES0205	2	3499	Mountain whitefish	319	336	Scale		0	Yellow	4216
ES0205	2	3498	Mountain whitefish	153	36	Scale		0		
ES0205	2	3514	Mountain whitefish	311	328	Scale		0	Yellow	4251
ES0205	2	3475	Mountain whitefish	302	276	Scale		0	Yellow	4200
ES0205	2	3476	Mountain whitefish	410	680	Scale		0	Yellow	4201
ES0205	2	3477	Mountain whitefish	314	316	Scale		0	Yellow	4202
ES0205	2	3478	Mountain whitefish	277	230	Scale		0	Yellow	4203
ES0205	2	3515	Mountain whitefish	316	384	Scale		0	Yellow	4252
ES0205	2	3516	Mountain whitefish	357	442	Scale		0	Yellow	4253
ES0205	2	3482	Mountain whitefish	315	300	Scale		0	Yellow	4206
ES0205	2	3517	Mountain whitefish	304	330	Scale		0	Yellow	4254
ES0205	2	3496	Mountain whitefish	325	402	Scale		0	Yellow	4214
ES0205	2	3510	Mountain whitefish	433	812	Scale		0	Yellow	4222
ES0205	2	3481	Mountain whitefish	310	290	Scale		0	Yellow	4205
ES0205	2	3488	Rainbow trout	302	342			0	Yellow	4210
ES0205	3	5711	Largescale sucker	442	1064			0		
ES0205	3	5710	Largescale sucker	448	1132			0		
ES0205	3	5692	Largescale sucker	510	1592			0		
ES0205	3	5724	Longnose sucker	420	940			0		
ES0205	3	5716	Mountain whitefish	278	224	Scale		0	Yellow	5580
ES0205	3	5734	Mountain whitefish	312	308	Scale		0		
ES0205	3	5733	Mountain whitefish	335	376	Scale		0	Yellow	5592
ES0205	3	5732	Mountain whitefish	125	352	Scale		0	Yellow	5591
ES0205	3	5731	Mountain whitefish	324				2	Yellow	5521
ES0205	3	5730	Mountain whitefish	290	276	Scale		0	Yellow	5590
ES0205	3	5729	Mountain whitefish	245	164	Scale		0		
ES0205	3	5728	Mountain whitefish	331				2	Yellow	5529
ES0205	3	5727	Mountain whitefish	406	688	Scale		0	Yellow	5589
ES0205	3	5725	Mountain whitefish	286	254	Scale		0	Yellow	5587

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 2											
ES0205	3	5735	Mountain whitefish	338	426	Scale		0			
ES0205	3	5738	Mountain whitefish	265	246	Scale		0	Yellow	5593	
ES0205	3	5723	Mountain whitefish	308	310	Scale		0	Yellow	5586	
ES0205	3	5722	Mountain whitefish	292	260	Scale		0	Yellow	5585	
ES0205	3	5721	Mountain whitefish	294	252	Scale		2	Yellow	312	
ES0205	3	5699	Mountain whitefish	234	124	Scale		0			
ES0205	3	5719	Mountain whitefish	342	398	Scale		0	Yellow	5583	
ES0205	3	5717	Mountain whitefish	340	388	Scale		0	Yellow	5581	
ES0205	3	5714	Mountain whitefish	240	152	Scale		3			
ES0205	3	5682	Mountain whitefish	331				2	Yellow		
ES0205	3	5702	Mountain whitefish	311	330	Scale		0	Yellow	5431	
ES0205	3	5689	Mountain whitefish	307				2	Yellow	5572	
ES0205	3	5698	Mountain whitefish	319				2	Yellow	4263	
ES0205	3	5698	Mountain whitefish	319				2	Yellow	4216	
ES0205	3	5704	Mountain whitefish	322	318	Scale		0	Yellow	5573	
ES0205	3	5705	Mountain whitefish	274	214	Scale		0	Yellow	5574	
ES0205	3	5686	Mountain whitefish	294	272	Scale		2	Yellow	304	
ES0205	3	5685	Mountain whitefish	388	652	Scale		0	Yellow	5566	
ES0205	3	5684	Mountain whitefish	402	716	Scale		0	Yellow	5565	
ES0205	3	5747	Mountain whitefish	201	82	Scale		0			
ES0205	3	5749	Mountain whitefish	333	404	Scale		0	Yellow	5600	
ES0205	3	5696	Mountain whitefish	355	506	Scale		0	Yellow	5570	
ES0205	3	5681	Mountain whitefish	306				2	Yellow	4252	
ES0205	3	5680	Mountain whitefish	324	330	Scale		0	Yellow	5563	
ES0205	3	5715	Mountain whitefish	306	338	Scale		0			
ES0205	3	5706	Mountain whitefish	308	304	Scale		0	Yellow	5575	
ES0205	3	5707	Mountain whitefish	307	342	Scale		0	Yellow	5576	
ES0205	3	5718	Mountain whitefish	282	278	Scale		0	Yellow	5582	
ES0205	3	5690	Mountain whitefish	340				2	Yellow	4224	
ES0205	3	5700	Mountain whitefish	322	316	Scale		0	Yellow	5571	
ES0205	3	5683	Mountain whitefish	394	592			0	Yellow	5564	
ES0205	3	5720	Mountain whitefish	251	168	Scale		0	Yellow	5584	
ES0205	3	5743	Mountain whitefish	202	98	Scale		0			
ES0205	3	5741	Mountain whitefish	287	252	Scale		0	Yellow	5596	
ES0205	3	5712	Mountain whitefish	205	90	Scale		2			
ES0205	3	5739	Mountain whitefish	296	318	Scale		0	Yellow	5594	
ES0205	3	5713	Mountain whitefish	316	346	Scale		0	Yellow	5579	
ES0205	3	5752	Mountain whitefish	322	306	Scale		0	Yellow	5603	
ES0205	3	5744	Mountain whitefish	315	318	Scale		0	Yellow	5598	
ES0205	3	5703	Mountain whitefish	234	138	Scale		0			
ES0205	3	5742	Mountain whitefish	320	304	Scale		0	Yellow	5597	
ES0205	3	5691	Mountain whitefish	310	296	Scale		2	Yellow	306	
ES0205	3	5697	Mountain whitefish	374	432	Scale		0			
ES0205	3	5688	Mountain whitefish	344	420	Scale		0	Yellow	5567	
ES0205	3	5687	Mountain whitefish	262	214	Scale		0			
ES0205	3	5708	Mountain whitefish	331	378	Scale		0	Yellow	5577	
ES0205	3	5709	Mountain whitefish	300	328	Scale		0	Yellow	5578	
ES0205	3	5701	Mountain whitefish	320				2	Yellow	5523	
ES0205	3	5726	Mountain whitefish	299	260	Scale		0	Yellow	5588	
ES0205	3	5756	Mountain whitefish	302	294	Scale		0	Yellow	5605	
ES0205	3	5750	Mountain whitefish	251	176	Scale		0	Yellow	5601	
ES0205	3	5695	Mountain whitefish	307	344	Scale		0	Yellow	5569	
ES0205	3	5694	Mountain whitefish	295				2	Yellow	5507	
ES0205	3	5693	Mountain whitefish	336	360	Scale		0	Yellow	5568	
ES0205	3	5759	Mountain whitefish	336	362	Scale		0	Yellow	5608	
ES0205	3	5758	Mountain whitefish	298	268	Scale		0	Yellow	5607	
ES0205	3	5740	Mountain whitefish	317	338	Scale		0	Yellow	5595	
ES0205	3	5757	Mountain whitefish	334	392	Scale		6	0	Yellow	5606
ES0205	3	5745	Mountain whitefish	194	72	Scale		0			
ES0205	3	5755	Mountain whitefish	304	322	Scale		0	Yellow	5604	
ES0205	3	5754	Mountain whitefish	290	254	Scale		0			
ES0205	3	5753	Mountain whitefish	235	146	Scale		0			
ES0205	3	5736	Mountain whitefish	248	174	Scale		0			
ES0205	3	5751	Mountain whitefish	333	422	Scale		0	Yellow	5602	
ES0205	3	5748	Mountain whitefish	291	234	Scale		0	Yellow	5599	
ES0205	3	5746	Mountain whitefish	202	98	Scale		0			
ES0205	3	5737	Rainbow trout	288	252			0			
ES0205	4	8197	Bull trout	425	718	Fin Ray		4	0	Yellow	7060
ES0205	4	8152	Mountain whitefish	271	224	Scale		0	Yellow	7032	
ES0205	4	8150	Mountain whitefish	306	314	Scale		0	Yellow	7031	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0205	4	8193	Mountain whitefish	325	378	Scale		0	Yellow	7056
ES0205	4	8196	Mountain whitefish	345	450	Scale		0	Yellow	7059
ES0205	4	8158	Mountain whitefish	204	102	Scale		0		
ES0205	4	8195	Mountain whitefish	303	326	Scale		0	Yellow	7058
ES0205	4	8194	Mountain whitefish	306	314	Scale		0	Yellow	7057
ES0205	4	8139	Mountain whitefish	227	118	Scale		0		
ES0205	4	8159	Mountain whitefish	318		Scale		0	Yellow	7036
ES0205	4	8151	Mountain whitefish	208	102	Scale		0		
ES0205	4	8183	Mountain whitefish	300	324	Scale		0	Yellow	7049
ES0205	4	8181	Mountain whitefish	295	272	Scale		0	Yellow	7047
ES0205	4	8179	Mountain whitefish	274	228	Scale		0	Yellow	7046
ES0205	4	8178	Mountain whitefish	275	258	Scale		0	Yellow	7045
ES0205	4	8177	Mountain whitefish	288	266	Scale		0	Yellow	7044
ES0205	4	8187	Mountain whitefish	306	330	Scale		0	Yellow	7053
ES0205	4	8147	Mountain whitefish	310				2	Yellow	2574
ES0205	4	8192	Mountain whitefish	211	102	Scale		0		
ES0205	4	8157	Mountain whitefish	319	332	Scale		0	Yellow	7035
ES0205	4	8136	Mountain whitefish	194	66	Scale		0		
ES0205	4	8156	Mountain whitefish	287	236	Scale		0	Yellow	7034
ES0205	4	8138	Mountain whitefish	205	94	Scale		0		
ES0205	4	8161	Mountain whitefish	305	308	Scale		0	Yellow	7037
ES0205	4	8140	Mountain whitefish	283	230	Scale		0	Yellow	7027
ES0205	4	8141	Mountain whitefish	211	98	Scale	2	0		
ES0205	4	8142	Mountain whitefish	243	164	Scale		0		
ES0205	4	8143	Mountain whitefish	207	88	Scale		0		
ES0205	4	8148	Mountain whitefish	331				2	Yellow	2546
ES0205	4	8145	Mountain whitefish	300	286	Scale		0	Yellow	7029
ES0205	4	8163	Mountain whitefish	310	330	Scale		0		
ES0205	4	8149	Mountain whitefish	302	288	Scale		0	Yellow	7030
ES0205	4	8160	Mountain whitefish	72		Scale		0		
ES0205	4	8155	Mountain whitefish	312	323	Scale		0	Yellow	7033
ES0205	4	8154	Mountain whitefish	163	46	Scale		0		
ES0205	4	8153	Mountain whitefish	316				2	Yellow	2594
ES0205	4	8137	Mountain whitefish	225	128	Scale		0		
ES0205	4	8190	Mountain whitefish	201	90	Scale		0		
ES0205	4	8171	Mountain whitefish	241	154	Scale		0		
ES0205	4	8165	Mountain whitefish	327	326	Scale		0		
ES0205	4	8175	Mountain whitefish	325				2	Yellow	4272
ES0205	4	8166	Mountain whitefish	228		Scale		0		
ES0205	4	8174	Mountain whitefish	292	276	Scale		2	Yellow	304
ES0205	4	8172	Mountain whitefish	245	172	Scale		0		
ES0205	4	8168	Mountain whitefish	311	320	Scale		0	Yellow	7040
ES0205	4	8170	Mountain whitefish	238	136	Scale		0		
ES0205	4	8167	Mountain whitefish	274	210	Scale		0	Yellow	7039
ES0205	4	8182	Mountain whitefish	265	204	Scale		0	Yellow	7048
ES0205	4	8169	Mountain whitefish	266	200	Scale		0	Yellow	7041
ES0205	4	8173	Mountain whitefish	331	378	Scale		0	Yellow	7042
ES0205	4	8184	Mountain whitefish	312	312	Scale		0	Yellow	7050
ES0205	4	8191	Mountain whitefish	320	360	Scale		0	Yellow	7055
ES0205	4	8180	Mountain whitefish	247	166	Scale		0		
ES0205	4	8144	Mountain whitefish	278	216	Scale		0	Yellow	7028
ES0205	4	8176	Mountain whitefish	327	350	Scale		0	Yellow	7043
ES0205	4	8185	Mountain whitefish	338	436	Scale		0	Yellow	7051
ES0205	4	8186	Mountain whitefish	300	272	Scale		0	Yellow	7052
ES0205	4	8162	Mountain whitefish	300				2	Yellow	2581
ES0205	4	8164	Mountain whitefish	311	332	Scale		0	Yellow	7038
ES0205	4	8146	Mountain whitefish	245	164	Scale		0		
ES0205	4	8188	Mountain whitefish	235	142	Scale		0		
ES0205	4	8189	Mountain whitefish	318	322	Scale		0	Yellow	7054
ES0205	5	10127	Mountain whitefish	310				2	Yellow	4262
ES0205	5	10119	Mountain whitefish	354				2	Yellow	2648
ES0205	5	10124	Mountain whitefish	310				2	Yellow	1378
ES0205	5	10128	Mountain whitefish	337				2	Yellow	4141
ES0205	5	10125	Mountain whitefish	317				2	Yellow	5569
ES0205	5	10129	Mountain whitefish	319				2	Yellow	2580
ES0205	5	10130	Mountain whitefish	340				2	Yellow	4259
ES0205	5	10121	Mountain whitefish	290				2	Yellow	7027
ES0205	5	10126	Mountain whitefish	270				2	Yellow	7032
ES0205	5	10131	Mountain whitefish	324				2	Yellow	7054



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0205	5	10132	Mountain whitefish	343				2	Yellow	2563
ES0205	5	10122	Mountain whitefish	305				2	Yellow	2581
ES0205	5	10123	Mountain whitefish	304				2	Yellow	2547
ES0205	5	10120	Mountain whitefish	325				2	Yellow	7055
ES0205	5	10133	Mountain whitefish	310				2	Yellow	2594
ES0205	5	10134	Mountain whitefish	334				2	Yellow	1391
ES0205	5	10135	Mountain whitefish	320				2	Yellow	1414
ES0205	6	11947	Mountain whitefish	294				2	Yellow	304
ES0205	6	11948	Mountain whitefish	332				2	Yellow	4136
ES0205	6	11946	Mountain whitefish	305				2	Yellow	5578
ES0205	6	11944	Mountain whitefish	261				2	Yellow	1426
ES0205	6	11941	Mountain whitefish	386				2	Yellow	7120
ES0205	6	11942	Mountain whitefish	315				2	Yellow	4133
ES0205	6	11943	Mountain whitefish	312				2	Yellow	7053
ES0205	6	11945	Mountain whitefish	338				2	Yellow	1405
ES0205	6	11949	Mountain whitefish	306				2	Yellow	5572
ES0206	1	986	Longnose sucker	444				0		
ES0206	1	985	Longnose sucker	432				0		
ES0206	1	954	Longnose sucker	401				0		
ES0206	1	1009	Mountain whitefish	315		Scale		0	Yellow	2638
ES0206	1	1010	Mountain whitefish	356		Scale		0	Yellow	2639
ES0206	1	982	Mountain whitefish	375		Scale		0	Yellow	2621
ES0206	1	1000	Mountain whitefish	292		Scale		0	Yellow	2631
ES0206	1	1007	Mountain whitefish	298		Scale		0	Yellow	2636
ES0206	1	995	Mountain whitefish	193		Scale		0		
ES0206	1	1008	Mountain whitefish	330		Scale		0	Yellow	2637
ES0206	1	997	Mountain whitefish	323		Scale		0	Yellow	2629
ES0206	1	998	Mountain whitefish	238		Scale		0		
ES0206	1	1005	Mountain whitefish	296		Scale		0	Yellow	2634
ES0206	1	1001	Mountain whitefish	246		Scale		0		
ES0206	1	1003	Mountain whitefish	324		Scale		0	Yellow	2633
ES0206	1	996	Mountain whitefish	299		Scale		0		
ES0206	1	1002	Mountain whitefish	323		Scale		0	Yellow	2632
ES0206	1	1004	Mountain whitefish	238		Scale		0		
ES0206	1	999	Mountain whitefish	325		Scale	6	0	Yellow	2630
ES0206	1	983	Mountain whitefish	275		Scale		0	Yellow	2622
ES0206	1	994	Mountain whitefish	230		Scale		0		
ES0206	1	993	Mountain whitefish	320		Scale		0	Yellow	2628
ES0206	1	984	Mountain whitefish	344		Scale		0	Yellow	2623
ES0206	1	990	Mountain whitefish	314		Scale		0	Yellow	2626
ES0206	1	1006	Mountain whitefish	351		Scale		0	Yellow	2635
ES0206	1	987	Mountain whitefish	234		Scale		0		
ES0206	1	989	Mountain whitefish	322		Scale		0	Yellow	2625
ES0206	1	992	Mountain whitefish	285		Scale		0	Yellow	2627
ES0206	1	991	Mountain whitefish	222		Scale		0		
ES0206	1	968	Mountain whitefish	327		Scale		0	Yellow	2608
ES0206	1	979	Mountain whitefish	292		Scale		0	Yellow	2618
ES0206	1	978	Mountain whitefish	349		Scale		0	Yellow	2617
ES0206	1	977	Mountain whitefish	230		Scale		0		
ES0206	1	976	Mountain whitefish	364		Scale	8	0	Yellow	2616
ES0206	1	974	Mountain whitefish	290		Scale		0	Yellow	2614
ES0206	1	973	Mountain whitefish	352		Scale	7	0	Yellow	2613
ES0206	1	972	Mountain whitefish	314		Scale		0	Yellow	2612
ES0206	1	957	Mountain whitefish	312		Scale		0	Yellow	2599
ES0206	1	980	Mountain whitefish	294		Scale		0	Yellow	2619
ES0206	1	958	Mountain whitefish	324		Scale		0	Yellow	2600
ES0206	1	975	Mountain whitefish	328		Scale		0	Yellow	2615
ES0206	1	967	Mountain whitefish	308		Scale		0	Yellow	2607
ES0206	1	966	Mountain whitefish	307		Scale		0	Yellow	2606
ES0206	1	965	Mountain whitefish	344		Scale		0	Yellow	2605
ES0206	1	964	Mountain whitefish	293		Scale		0	Yellow	2604
ES0206	1	963	Mountain whitefish	379		Scale		0	Yellow	2603
ES0206	1	962	Mountain whitefish	301		Scale		0		
ES0206	1	961	Mountain whitefish	319		Scale		0	Yellow	2602
ES0206	1	960	Mountain whitefish	439		Scale		0	Yellow	2601
ES0206	1	970	Mountain whitefish	342		Scale		0	Yellow	2610
ES0206	1	988	Mountain whitefish	340		Scale		0	Yellow	2624
ES0206	1	981	Mountain whitefish	300		Scale		0	Yellow	2620
ES0206	1	959	Mountain whitefish	306		Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0206	1	955	Mountain whitefish	307		Scale		0	Yellow	2597
ES0206	1	969	Mountain whitefish	320		Scale		0	Yellow	2609
ES0206	1	971	Mountain whitefish	322		Scale		0	Yellow	2611
ES0206	1	956	Mountain whitefish	333		Scale		0	Yellow	2598
ES0206	2	3326	Mountain whitefish	255	260	Scale		0	Yellow	4119
ES0206	2	3278	Mountain whitefish	325	462	Scale		0	Yellow	4078
ES0206	2	3325	Mountain whitefish	303	276	Scale		0	Yellow	4118
ES0206	2	3295	Mountain whitefish	325	332	Scale		0	Yellow	4091
ES0206	2	3276	Mountain whitefish	320	344	Scale		0	Yellow	4076
ES0206	2	3285	Mountain whitefish	153	36	Scale		0		
ES0206	2	3284	Mountain whitefish	321	358	Scale		0	Yellow	4084
ES0206	2	3324	Mountain whitefish	322	340	Scale		0	Yellow	4117
ES0206	2	3323	Mountain whitefish	296	264	Scale		0	Yellow	4116
ES0206	2	3290	Mountain whitefish	314	310			2	Yellow	2640
ES0206	2	3322	Mountain whitefish	306	288	Scale		0	Yellow	4115
ES0206	2	3321	Mountain whitefish	318	302	Scale		0	Yellow	4114
ES0206	2	3320	Mountain whitefish	327	320	Scale		0	Yellow	4113
ES0206	2	3280	Mountain whitefish	306	324	Scale		0	Yellow	4080
ES0206	2	3281	Mountain whitefish	334	408	Scale		0	Yellow	4081
ES0206	2	3282	Mountain whitefish	382	515	Scale		0	Yellow	4082
ES0206	2	3315	Mountain whitefish	237	138	Scale	3	0		
ES0206	2	3293	Mountain whitefish	347	396			2	Yellow	2623
ES0206	2	3291	Mountain whitefish	312	312	Scale		0	Yellow	4088
ES0206	2	3286	Mountain whitefish	350	438	Scale		0	Yellow	4085
ES0206	2	3289	Mountain whitefish	273	198	Scale		0	Yellow	4087
ES0206	2	3316	Mountain whitefish	322	346	Scale		0	Yellow	4109
ES0206	2	3279	Mountain whitefish	314	320	Scale		0	Yellow	4079
ES0206	2	3313	Mountain whitefish	341	398	Scale		0	Yellow	4107
ES0206	2	3312	Mountain whitefish	283	228	Scale		0	Yellow	4106
ES0206	2	3319	Mountain whitefish	319	308	Scale		0	Yellow	4112
ES0206	2	3314	Mountain whitefish	312	332	Scale		0	Yellow	4108
ES0206	2	3309	Mountain whitefish	310	328	Scale		0	Yellow	4104
ES0206	2	3288	Mountain whitefish	333	344	Scale		0	Yellow	4086
ES0206	2	3310	Mountain whitefish	233	136	Scale		0		
ES0206	2	3305	Mountain whitefish	294	286	Scale		0	Yellow	4100
ES0206	2	3294	Mountain whitefish	313	310	Scale		0	Yellow	4090
ES0206	2	3283	Mountain whitefish	315	336	Scale		0	Yellow	4083
ES0206	2	3277	Mountain whitefish	313	330	Scale		0	Yellow	4077
ES0206	2	3287	Mountain whitefish	309	282			2	Yellow	2607
ES0206	2	3292	Mountain whitefish	330	346	Scale		0	Yellow	4089
ES0206	2	3296	Mountain whitefish	324	328			2	Yellow	2611
ES0206	2	3307	Mountain whitefish	322	398	Scale		0	Yellow	4102
ES0206	2	3299	Mountain whitefish	332	352	Scale		0	Yellow	4094
ES0206	2	3298	Mountain whitefish	282	256	Scale		0	Yellow	4093
ES0206	2	3311	Mountain whitefish	326	300	Scale		0	Yellow	4105
ES0206	2	3297	Mountain whitefish	322	316	Scale		0	Yellow	4092
ES0206	2	3308	Mountain whitefish	327	344	Scale		0	Yellow	4103
ES0206	2	3302	Mountain whitefish	295	278	Scale		0	Yellow	4097
ES0206	2	3300	Mountain whitefish	310	304	Scale		0	Yellow	4095
ES0206	2	3303	Mountain whitefish	340	370	Scale		0	Yellow	4098
ES0206	2	3304	Mountain whitefish	326	392	Scale		0	Yellow	4099
ES0206	2	3318	Mountain whitefish	319	300	Scale		0	Yellow	4111
ES0206	2	3306	Mountain whitefish	313	336	Scale		0	Yellow	4101
ES0206	2	3317	Mountain whitefish	300	270	Scale		0	Yellow	4110
ES0206	2	3301	Mountain whitefish	308	328	Scale		0	Yellow	4096
ES0206	3	5514	Bull trout	468	894			2	Yellow	1300
ES0206	3	5539	Largescale sucker	433	1108			0		
ES0206	3	5513	Longnose sucker	451	1162			0		
ES0206	3	5512	Longnose sucker	393	768			0		
ES0206	3	5515	Longnose sucker	412	794			0		
ES0206	3	5523	Longnose sucker	411	728			0		
ES0206	3	5553	Longnose sucker	384	706			0		
ES0206	3	5525	Mountain whitefish	321	316	Scale	6	0	Yellow	5469
ES0206	3	5551	Mountain whitefish	300	344	Scale		0	Yellow	5483
ES0206	3	5558	Mountain whitefish	261	172	Scale		0	Yellow	5489
ES0206	3	5559	Mountain whitefish	275	232	Scale		0	Yellow	5490
ES0206	3	5560	Mountain whitefish	337	382	Scale		0	Yellow	5491
ES0206	3	5550	Mountain whitefish	314	308	Scale		0	Yellow	5482
ES0206	3	5562	Mountain whitefish	318	328	Scale		0	Yellow	5493

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0206	3	5529	Mountain whitefish	376	558	Scale		0	Yellow	5472
ES0206	3	5531	Mountain whitefish	322	330	Scale		0	Yellow	5473
ES0206	3	5516	Mountain whitefish	334	366	Scale		0	Yellow	5464
ES0206	3	5532	Mountain whitefish	289	262	Scale		0	Yellow	5474
ES0206	3	5533	Mountain whitefish	325				2	Yellow	2611
ES0206	3	5534	Mountain whitefish	344	414	Scale		0	Yellow	5475
ES0206	3	5557	Mountain whitefish	309	326	Scale		0	Yellow	5488
ES0206	3	5536	Mountain whitefish	306	290	Scale		0	Yellow	5463
ES0206	3	5530	Mountain whitefish	344				2	Yellow	2635
ES0206	3	5538	Mountain whitefish	315				2	Yellow	2862
ES0206	3	5527	Mountain whitefish	282				2	Yellow	4106
ES0206	3	5540	Mountain whitefish	276	226	Scale		0	Yellow	5472
ES0206	3	5537	Mountain whitefish	308				2	Yellow	2597
ES0206	3	5548	Mountain whitefish	346	428	Scale		0	Yellow	5480
ES0206	3	5547	Mountain whitefish	328	372	Scale		0	Yellow	5479
ES0206	3	5546	Mountain whitefish	321	358	Scale		0	Yellow	5478
ES0206	3	5545	Mountain whitefish	376	484	Scale		0	Yellow	5477
ES0206	3	5544	Mountain whitefish	291	274	Scale	4	0	Yellow	5476
ES0206	3	5543	Mountain whitefish	362	498	Scale		0		
ES0206	3	5542	Mountain whitefish	331	398	Scale		0	Yellow	5455
ES0206	3	5541	Mountain whitefish	345	364	Scale		0	Yellow	5461
ES0206	3	5535	Mountain whitefish	329	368	Scale		0	Yellow	5454
ES0206	3	5552	Mountain whitefish	297	276	Scale		0	Yellow	5484
ES0206	3	5570	Mountain whitefish	281	182	Scale		0	Yellow	5500
ES0206	3	5569	Mountain whitefish	313	334	Scale		0	Yellow	5499
ES0206	3	5549	Mountain whitefish	326	390	Scale		0	Yellow	5481
ES0206	3	5568	Mountain whitefish	291	252	Scale		0	Yellow	5498
ES0206	3	5566	Mountain whitefish	260	192	Scale		0	Yellow	5497
ES0206	3	5561	Mountain whitefish	329	344	Scale		0	Yellow	5492
ES0206	3	5564	Mountain whitefish	324	360	Scale		0	Yellow	5495
ES0206	3	5528	Mountain whitefish	300	278	Scale		0	Yellow	5471
ES0206	3	5521	Mountain whitefish	317	346	Scale		0	Yellow	5466
ES0206	3	5571	Mountain whitefish	253		Scale		0	Yellow	5501
ES0206	3	5565	Mountain whitefish	307	324	Scale		0	Yellow	5496
ES0206	3	5572	Mountain whitefish	191	68	Scale		0		
ES0206	3	5554	Mountain whitefish	321	346	Scale		0	Yellow	5485
ES0206	3	5555	Mountain whitefish	340	406	Scale		0	Yellow	5486
ES0206	3	5519	Mountain whitefish	310				3	Yellow	2628
ES0206	3	5563	Mountain whitefish	295	246	Scale		0	Yellow	5494
ES0206	3	5556	Mountain whitefish	288	268	Scale		0	Yellow	5487
ES0206	3	5517	Mountain whitefish	317	366	Scale		0		
ES0206	3	5518	Mountain whitefish	277	236	Scale		0		
ES0206	3	5522	Mountain whitefish	364	442	Scale		0	Yellow	5467
ES0206	3	5520	Mountain whitefish	361	518	Scale		0	Yellow	5465
ES0206	3	5524	Mountain whitefish	329	344	Scale		0	Yellow	5468
ES0206	3	5567	Mountain whitefish	232	128	Scale		0		
ES0206	3	5526	Mountain whitefish	337	362	Scale		0	Yellow	5470
ES0206	4	8294	Largescale sucker	463	1262			0		
ES0206	4	8303	Longnose sucker	395	836			0		
ES0206	4	8296	Longnose sucker	455	936			0		
ES0206	4	8295	Longnose sucker	484	1402			0		
ES0206	4	8298	Mountain whitefish	340	372	Scale		0	Yellow	7119
ES0206	4	8330	Mountain whitefish	343	414	Scale		0	Yellow	7147
ES0206	4	8346	Mountain whitefish	207	92	Scale		0		
ES0206	4	8342	Mountain whitefish	318	326	Scale		0	Yellow	7156
ES0206	4	8306	Mountain whitefish	290	260	Scale		0	Yellow	7125
ES0206	4	8299	Mountain whitefish	389	486	Scale		0	Yellow	7120
ES0206	4	8304	Mountain whitefish	322	320	Scale		0	Yellow	7123
ES0206	4	8302	Mountain whitefish	320	358	Scale		0		
ES0206	4	8329	Mountain whitefish	330		Scale		0	Yellow	7146
ES0206	4	8301	Mountain whitefish	336	390	Scale		0	Yellow	7122
ES0206	4	8300	Mountain whitefish	435	1018	Scale		0	Yellow	7121
ES0206	4	8311	Mountain whitefish	283	254	Scale		0	Yellow	7129
ES0206	4	8333	Mountain whitefish	262	210	Scale		0	Yellow	7149
ES0206	4	8335	Mountain whitefish	297		Scale		0	Yellow	7139
ES0206	4	8343	Mountain whitefish	208	88	Scale		0		
ES0206	4	8307	Mountain whitefish	312	288	Scale		0	Yellow	7115
ES0206	4	8341	Mountain whitefish	253		Scale		0	Yellow	7155
ES0206	4	8340	Mountain whitefish	313		Scale		0	Yellow	7154



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0206	4	8339	Mountain whitefish	213	106	Scale		0		
ES0206	4	8338	Mountain whitefish	264	180	Scale		0	Yellow	7153
ES0206	4	8337	Mountain whitefish	281	272	Scale		0	Yellow	7152
ES0206	4	8336	Mountain whitefish	265	208	Scale		0	Yellow	7151
ES0206	4	8321	Mountain whitefish	253	168	Scale		0		
ES0206	4	8334	Mountain whitefish	306	286	Scale		0	Yellow	7150
ES0206	4	8297	Mountain whitefish	313	298			2	Yellow	2599
ES0206	4	8332	Mountain whitefish	246	164	Scale		0		
ES0206	4	8344	Mountain whitefish	234	134	Scale		0		
ES0206	4	8317	Mountain whitefish	327	374	Scale		0	Yellow	7135
ES0206	4	8331	Mountain whitefish	320	328	Scale		0	Yellow	7148
ES0206	4	8324	Mountain whitefish	247		Scale		0		
ES0206	4	8325	Mountain whitefish	323	340	Scale		0	Yellow	7142
ES0206	4	8326	Mountain whitefish	275	228	Scale		0	Yellow	7143
ES0206	4	8327	Mountain whitefish	329	400	Scale	5	0	Yellow	7144
ES0206	4	8328	Mountain whitefish	272		Scale		0	Yellow	7145
ES0206	4	8309	Mountain whitefish	351	420	Scale		0	Yellow	7127
ES0206	4	8345	Mountain whitefish	244	160	Scale		0		
ES0206	4	8320	Mountain whitefish	318	378	Scale		0	Yellow	7138
ES0206	4	8319	Mountain whitefish	338	396	Scale		0	Yellow	7137
ES0206	4	8305	Mountain whitefish	338	386	Scale		0	Yellow	7124
ES0206	4	8318	Mountain whitefish	322		Scale		0	Yellow	7136
ES0206	4	8316	Mountain whitefish	330		Scale		0	Yellow	7134
ES0206	4	8315	Mountain whitefish	334	316	Scale		0	Yellow	7133
ES0206	4	8314	Mountain whitefish	337	372	Scale		0	Yellow	7132
ES0206	4	8313	Mountain whitefish	346	340	Scale		0	Yellow	7131
ES0206	4	8312	Mountain whitefish	334	362	Scale		0	Yellow	7130
ES0206	4	8322	Mountain whitefish	334	386	Scale		0	Yellow	7140
ES0206	4	8310	Mountain whitefish	317	336	Scale		0	Yellow	7128
ES0206	4	8323	Mountain whitefish	325	378	Scale		0	Yellow	7141
ES0206	4	8308	Mountain whitefish	295	302	Scale		0	Yellow	7126
ES0206	5	10136	Arctic grayling	345	484	Scale	3	0	Yellow	7874
ES0206	5	10181	Mountain whitefish	294				2	Yellow	5498
ES0206	5	10177	Mountain whitefish	266				2	Yellow	4153
ES0206	5	10178	Mountain whitefish	326				2	Yellow	2615
ES0206	5	10176	Mountain whitefish	304				2	Yellow	5578
ES0206	5	10179	Mountain whitefish	319				2	Yellow	4083
ES0206	5	10182	Mountain whitefish	310				2	Yellow	4104
ES0206	5	10180	Mountain whitefish	292				2	Yellow	5596
ES0206	5	10175	Mountain whitefish	327				2	Yellow	5481
ES0206	6	12019	Mountain whitefish	320				2	Yellow	5485
ES0206	6	12020	Mountain whitefish	371				2	Yellow	5467
ES0206	6	12022	Mountain whitefish	313				2	Yellow	2599
ES0206	6	12021	Mountain whitefish	307				2	Yellow	4116
ES0207	1	1021	Arctic grayling	366		Scale	3	0	Yellow	2650
ES0207	1	1044	Mountain whitefish	248		Scale		0		
ES0207	1	1020	Mountain whitefish	383		Scale		0	Yellow	2649
ES0207	1	1035	Mountain whitefish	283		Scale		0	Yellow	2661
ES0207	1	1034	Mountain whitefish	244		Scale		0		
ES0207	1	1042	Mountain whitefish	330		Scale		0	Yellow	2668
ES0207	1	1032	Mountain whitefish	326		Scale		0	Yellow	2659
ES0207	1	1050	Mountain whitefish	312				2	Yellow	2574
ES0207	1	1066	Mountain whitefish	290		Scale		0	Yellow	2682
ES0207	1	1074	Mountain whitefish	174		Scale		0		
ES0207	1	1073	Mountain whitefish	177		Scale		0		
ES0207	1	1072	Mountain whitefish	205		Scale		0		
ES0207	1	1071	Mountain whitefish	202		Scale	2	0		
ES0207	1	1070	Mountain whitefish	236		Scale		0		
ES0207	1	1069	Mountain whitefish	323		Scale		0	Yellow	2685
ES0207	1	1033	Mountain whitefish	336		Scale		0	Yellow	2660
ES0207	1	1054	Mountain whitefish	188		Scale		0		
ES0207	1	1056	Mountain whitefish	194		Scale		0		
ES0207	1	1041	Mountain whitefish	330		Scale		0	Yellow	2667
ES0207	1	1040	Mountain whitefish	341		Scale		0	Yellow	2666
ES0207	1	1039	Mountain whitefish	404		Scale	8	0	Yellow	2665
ES0207	1	1043	Mountain whitefish	307		Scale		0	Yellow	2669
ES0207	1	1045	Mountain whitefish	313		Scale		0	Yellow	2670
ES0207	1	1052	Mountain whitefish	332		Scale		0	Yellow	2676
ES0207	1	1046	Mountain whitefish	334		Scale		0	Yellow	2671

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 2											
ES0207	1	1053	Mountain whitefish	280		Scale		0	Yellow	2677	
ES0207	1	1047	Mountain whitefish	315		Scale		0	Yellow	2672	
ES0207	1	1037	Mountain whitefish	314		Scale		0	Yellow	2663	
ES0207	1	1036	Mountain whitefish	316		Scale		0	Yellow	2662	
ES0207	1	1048	Mountain whitefish	323		Scale		0	Yellow	2673	
ES0207	1	1049	Mountain whitefish	306		Scale		0	Yellow	2674	
ES0207	1	1051	Mountain whitefish	342		Scale		0	Yellow	2675	
ES0207	1	1038	Mountain whitefish	334		Scale		0	Yellow	2664	
ES0207	1	1064	Mountain whitefish	328		Scale		0	Yellow	2681	
ES0207	1	1030	Mountain whitefish	320		Scale		0	Yellow	2657	
ES0207	1	1018	Mountain whitefish	315		Scale		0	Yellow	2647	
ES0207	1	1027	Mountain whitefish	336		Scale		0	Yellow	2654	
ES0207	1	1026	Mountain whitefish	210		Scale		0			
ES0207	1	1028	Mountain whitefish	330		Scale		0	Yellow	2655	
ES0207	1	1029	Mountain whitefish	317		Scale		0	Yellow	2656	
ES0207	1	1025	Mountain whitefish	305		Scale		0	Yellow	2653	
ES0207	1	1067	Mountain whitefish	285		Scale		0	Yellow	2683	
ES0207	1	1023	Mountain whitefish	298		Scale		0	Yellow	2651	
ES0207	1	1055	Mountain whitefish	381		Scale		0	Yellow	2678	
ES0207	1	1024	Mountain whitefish	374		Scale		0	Yellow	2652	
ES0207	1	1017	Mountain whitefish	304		Scale		0	Yellow	2646	
ES0207	1	1016	Mountain whitefish	354		Scale		0	Yellow	2645	
ES0207	1	1015	Mountain whitefish	406		Scale		0	Yellow	2644	
ES0207	1	1014	Mountain whitefish	334		Scale	6	0	Yellow	2643	
ES0207	1	1013	Mountain whitefish	312		Scale		0	Yellow	2642	
ES0207	1	1012	Mountain whitefish	307		Scale		0	Yellow	2641	
ES0207	1	1011	Mountain whitefish	309		Scale		0	Yellow	2640	
ES0207	1	1022	Mountain whitefish	328		Scale		0			
ES0207	1	1059	Mountain whitefish	142		Scale		0			
ES0207	1	1063	Mountain whitefish	308		Scale		0	Yellow	2680	
ES0207	1	1062	Mountain whitefish	298		Scale		0			
ES0207	1	1065	Mountain whitefish	247		Scale		0			
ES0207	1	1019	Mountain whitefish	352		Scale		0	Yellow	2648	
ES0207	1	1060	Mountain whitefish	174		Scale		0			
ES0207	1	1061	Mountain whitefish	324		Scale		0	Yellow	2679	
ES0207	1	1058	Mountain whitefish	204		Scale		2	0		
ES0207	1	1057	Mountain whitefish	235		Scale		0			
ES0207	1	1031	Mountain whitefish	373		Scale		0	Yellow	2658	
ES0207	1	1068	Mountain whitefish	297		Scale		0	Yellow	2684	
ES0207	2	3381	Arctic grayling	344	516	Scale		3	0	Yellow	4130
ES0207	2	3383	Largescale sucker	536	1672			0			
ES0207	2	3382	Longnose sucker	430	878			0			
ES0207	2	3406	Mountain whitefish	346	418	Scale		0	Yellow	4148	
ES0207	2	3415	Mountain whitefish	325	364	Scale		0	Yellow	4156	
ES0207	2	3414	Mountain whitefish	322	382	Scale		0			
ES0207	2	3398	Mountain whitefish	336	396	Scale		0	Yellow	4141	
ES0207	2	3412	Mountain whitefish	323	330	Scale	6	0	Yellow	4154	
ES0207	2	3425	Mountain whitefish	314	286	Scale		0	Yellow	4165	
ES0207	2	3427	Mountain whitefish	332	396	Scale		0	Yellow	4167	
ES0207	2	3413	Mountain whitefish	317	322	Scale		0	Yellow	4155	
ES0207	2	3401	Mountain whitefish	332	370	Scale		0	Yellow	4144	
ES0207	2	3402	Mountain whitefish	281	230	Scale	4	0	Yellow	4145	
ES0207	2	3403	Mountain whitefish	328	360	Scale		0	Yellow	4146	
ES0207	2	3405	Mountain whitefish	295	268	Scale		0	Yellow	4147	
ES0207	2	3410	Mountain whitefish	361	420	Scale		0	Yellow	4152	
ES0207	2	3407	Mountain whitefish	322	334	Scale		0	Yellow	4149	
ES0207	2	3408	Mountain whitefish	295	258	Scale		0	Yellow	4150	
ES0207	2	3409	Mountain whitefish	335	378	Scale		0	Yellow	4151	
ES0207	2	3404	Mountain whitefish	294	240			2	Yellow	2551	
ES0207	2	3390	Mountain whitefish	296	262	Scale		0	Yellow	4134	
ES0207	2	3431	Mountain whitefish	316	312	Scale		0	Yellow	4170	
ES0207	2	3426	Mountain whitefish	386	558	Scale		0	Yellow	4166	
ES0207	2	3384	Mountain whitefish	343	436	Scale		7	0	Yellow	4131
ES0207	2	3400	Mountain whitefish	322	376	Scale	5	0	Yellow	4143	
ES0207	2	3386	Mountain whitefish	329	360	Scale		0			
ES0207	2	3399	Mountain whitefish	308	272	Scale		0	Yellow	4142	
ES0207	2	3411	Mountain whitefish	266	176	Scale		0	Yellow	4153	
ES0207	2	3389	Mountain whitefish	318	336	Scale		0	Yellow	4133	
ES0207	2	3424	Mountain whitefish	287	276	Scale		0	Yellow	4164	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0207	2	3391	Mountain whitefish	290	262	Scale		0	Yellow	4135
ES0207	2	3392	Mountain whitefish	333	410	Scale		0	Yellow	4136
ES0207	2	3393	Mountain whitefish	298	300	Scale		0	Yellow	4137
ES0207	2	3394	Mountain whitefish	325	342	Scale		0	Yellow	4138
ES0207	2	3395	Mountain whitefish	333	324	Scale		0	Yellow	4139
ES0207	2	3396	Mountain whitefish	315	338	Scale		0		
ES0207	2	3397	Mountain whitefish	358	438	Scale		0	Yellow	4140
ES0207	2	3388	Mountain whitefish	315	342	Scale		0		
ES0207	2	3417	Mountain whitefish	329	380	Scale		0	Yellow	4158
ES0207	2	3423	Mountain whitefish	222	318	Scale		0	Yellow	4163
ES0207	2	3422	Mountain whitefish	290	278	Scale		0	Yellow	4162
ES0207	2	3421	Mountain whitefish	320	336	Scale		0	Yellow	4161
ES0207	2	3420	Mountain whitefish	348	396	Scale		0	Yellow	4160
ES0207	2	3419	Mountain whitefish	246	152	Scale		0		
ES0207	2	3418	Mountain whitefish	307	334	Scale		0	Yellow	4159
ES0207	2	3432	Mountain whitefish	333	390	Scale		0	Yellow	4171
ES0207	2	3428	Mountain whitefish	335	342	Scale		0	Yellow	4168
ES0207	2	3429	Mountain whitefish	240	158	Scale		0		
ES0207	2	3416	Mountain whitefish	327	354	Scale		0	Yellow	4157
ES0207	2	3385	Mountain whitefish	316	354	Scale		0		
ES0207	2	3430	Mountain whitefish	341	400	Scale		0	Yellow	4169
ES0207	2	3387	Mountain whitefish	329	382	Scale		0	Yellow	4132
ES0207	3	5590	Longnose sucker	396	798			0		
ES0207	3	5580	Mountain whitefish	299	360	Scale		0	Yellow	5506
ES0207	3	5621	Mountain whitefish	309	318	Scale		0	Yellow	5533
ES0207	3	5622	Mountain whitefish	315	336	Scale		0	Yellow	5534
ES0207	3	5605	Mountain whitefish	352	458	Scale		0	Yellow	5522
ES0207	3	5615	Mountain whitefish	297		Scale		0	Yellow	5530
ES0207	3	5614	Mountain whitefish	328	384	Scale		0	Yellow	5529
ES0207	3	5613	Mountain whitefish	303	318	Scale		0	Yellow	5528
ES0207	3	5581	Mountain whitefish	290	284	Scale		0	Yellow	5507
ES0207	3	5612	Mountain whitefish	312	306	Scale		0	Yellow	5527
ES0207	3	5611	Mountain whitefish	309	326	Scale		0		
ES0207	3	5596	Mountain whitefish	324	432	Scale		0	Yellow	5515
ES0207	3	5609	Mountain whitefish	208	94	Scale		0		
ES0207	3	5597	Mountain whitefish	247	128	Scale		0		
ES0207	3	5579	Mountain whitefish	313	292	Scale		0	Yellow	5505
ES0207	3	5606	Mountain whitefish	320	314	Scale		0	Yellow	5523
ES0207	3	5618	Mountain whitefish	155	40	Scale		0		
ES0207	3	5604	Mountain whitefish	324	360	Scale		0	Yellow	5521
ES0207	3	5603	Mountain whitefish	264	214	Scale		0	Yellow	5520
ES0207	3	5602	Mountain whitefish	304	278	Scale		0	Yellow	5519
ES0207	3	5601	Mountain whitefish	267	212	Scale		0	Yellow	5518
ES0207	3	5600	Mountain whitefish	291	290	Scale		0	Yellow	5517
ES0207	3	5599	Mountain whitefish	316	312	Scale		0	Yellow	5516
ES0207	3	5620	Mountain whitefish	242	158	Scale		0		
ES0207	3	5610	Mountain whitefish	292	294	Scale		0	Yellow	5526
ES0207	3	5574	Mountain whitefish	237	154	Scale		0		
ES0207	3	5573	Mountain whitefish	330	340	Scale		0	Yellow	5502
ES0207	3	5607	Mountain whitefish	307	308	Scale		0	Yellow	5524
ES0207	3	5598	Mountain whitefish	323				2	Yellow	4161
ES0207	3	5595	Mountain whitefish	292	260	Scale		0	Yellow	5514
ES0207	3	5594	Mountain whitefish	330	354	Scale		5	Yellow	5513
ES0207	3	5593	Mountain whitefish	246	176	Scale		0		
ES0207	3	5592	Mountain whitefish	308	308	Scale		0	Yellow	5512
ES0207	3	5591	Mountain whitefish	305	338	Scale		5		
ES0207	3	5589	Mountain whitefish	347	468	Scale		0		
ES0207	3	5588	Mountain whitefish	249	162	Scale		0		
ES0207	3	5587	Mountain whitefish	294	292	Scale		0	Yellow	5511
ES0207	3	5616	Mountain whitefish	245	166	Scale		0		
ES0207	3	5585	Mountain whitefish	273	236	Scale		0	Yellow	5509
ES0207	3	5617	Mountain whitefish	319	316	Scale		0	Yellow	5531
ES0207	3	5583	Mountain whitefish	353	418	Scale		0		
ES0207	3	5578	Mountain whitefish	318				2	Yellow	4185
ES0207	3	5577	Mountain whitefish	397	556	Scale		0	Yellow	5504
ES0207	3	5576	Mountain whitefish	268	216	Scale		0	Yellow	5503
ES0207	3	5575	Mountain whitefish	339	420	Scale		0		
ES0207	3	5586	Mountain whitefish	342	464	Scale		0	Yellow	5510
ES0207	3	5608	Mountain whitefish	304	286	Scale		0	Yellow	5525

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0207	3	5619	Mountain whitefish	318	344	Scale		0	Yellow	5532
ES0207	3	5584	Mountain whitefish	249	162	Scale		0		
ES0207	3	5582	Mountain whitefish	425	676	Scale		0	Yellow	5508
ES0207	4	8242	Arctic grayling	250	178	Scale	2	0	Yellow	7091
ES0207	4	8198	Largescale sucker	442	1002			0		
ES0207	4	8222	Longnose sucker	397	844			0		
ES0207	4	8245	Mountain whitefish	307	288	Scale		0	Yellow	7093
ES0207	4	8235	Mountain whitefish	323	334	Scale		0	Yellow	7088
ES0207	4	8250	Mountain whitefish	198	68	Scale		0		
ES0207	4	8249	Mountain whitefish	232	136	Scale		0		
ES0207	4	8248	Mountain whitefish	313	312	Scale		0	Yellow	7095
ES0207	4	8246	Mountain whitefish	294	286	Scale		0	Yellow	7094
ES0207	4	8236	Mountain whitefish	312	310	Scale		0	Yellow	7089
ES0207	4	8244	Mountain whitefish	252	178	Scale	3	0	Yellow	7092
ES0207	4	8243	Mountain whitefish	234	139	Scale		0		
ES0207	4	8241	Mountain whitefish	235	126	Scale		0		
ES0207	4	8239	Mountain whitefish	244	156	Scale		0		
ES0207	4	8247	Mountain whitefish	333				2	Yellow	4168
ES0207	4	8237	Mountain whitefish	302	302	Scale		0		
ES0207	4	8208	Mountain whitefish	322	348	Scale		0	Yellow	7068
ES0207	4	8233	Mountain whitefish	249	154	Scale		0		
ES0207	4	8232	Mountain whitefish	316	284	Scale		0	Yellow	7086
ES0207	4	8231	Mountain whitefish	313	280	Scale		0	Yellow	7085
ES0207	4	8229	Mountain whitefish	308	310	Scale		0	Yellow	7084
ES0207	4	8227	Mountain whitefish	313	290	Scale		0	Yellow	7082
ES0207	4	8226	Mountain whitefish	250	160	Scale		0	Yellow	7081
ES0207	4	8225	Mountain whitefish	323	336	Scale		0	Yellow	7080
ES0207	4	8228	Mountain whitefish	311	296	Scale		0	Yellow	7083
ES0207	4	8240	Mountain whitefish	254	174	Scale		0	Yellow	7090
ES0207	4	8230	Mountain whitefish	242	148	Scale		0		
ES0207	4	8223	Mountain whitefish	313	316	Scale		0	Yellow	7078
ES0207	4	8209	Mountain whitefish	325	390	Scale		0	Yellow	7069
ES0207	4	8221	Mountain whitefish	341	406	Scale	6	0	Yellow	7077
ES0207	4	8220	Mountain whitefish	323	318	Scale		0	Yellow	7076
ES0207	4	8219	Mountain whitefish	429	852	Scale		0	Yellow	7075
ES0207	4	8218	Mountain whitefish	290	260	Scale		0	Yellow	7074
ES0207	4	8217	Mountain whitefish	248	154	Scale		0		
ES0207	4	8216	Mountain whitefish	349				2	Yellow	4160
ES0207	4	8215	Mountain whitefish	313	342	Scale		0	Yellow	7073
ES0207	4	8214	Mountain whitefish	300				2	Yellow	4110
ES0207	4	8213	Mountain whitefish	326	354	Scale		0	Yellow	7072
ES0207	4	8212	Mountain whitefish	357	476	Scale		0	Yellow	7071
ES0207	4	8251	Mountain whitefish	240	140	Scale		0		
ES0207	4	8210	Mountain whitefish	328	348	Scale		0	Yellow	7070
ES0207	4	8238	Mountain whitefish	293	254	Scale		2	Yellow	312
ES0207	4	8207	Mountain whitefish	324	314	Scale		0	Yellow	7067
ES0207	4	8224	Mountain whitefish	300	266	Scale		0	Yellow	7079
ES0207	4	8205	Mountain whitefish	338	350	Scale		0	Yellow	7065
ES0207	4	8204	Mountain whitefish	189	62	Scale		0		
ES0207	4	8203	Mountain whitefish	358	456	Scale		0	Yellow	7064
ES0207	4	8202	Mountain whitefish	339	382	Scale		0	Yellow	7063
ES0207	4	8201	Mountain whitefish	280	274	Scale	4	0		
ES0207	4	8200	Mountain whitefish	327	388	Scale		0	Yellow	7062
ES0207	4	8199	Mountain whitefish	317	316	Scale		0	Yellow	7061
ES0207	4	8206	Mountain whitefish	420	746	Scale		0	Yellow	7066
ES0207	4	8211	Mountain whitefish	409				2	Yellow	4201
ES0207	4	8234	Mountain whitefish	322	318	Scale		0	Yellow	7087
ES0207	5	10239	Mountain whitefish	330				2	Yellow	2659
ES0207	5	10245	Mountain whitefish	322				2	Yellow	4154
ES0207	5	10240	Mountain whitefish	311				2	Yellow	7083
ES0207	5	10243	Mountain whitefish	344				2	Yellow	4169
ES0207	5	10244	Mountain whitefish	291				2	Yellow	4164
ES0207	5	10248	Mountain whitefish	330				2	Yellow	7062
ES0207	5	10238	Mountain whitefish	315				2	Yellow	2670
ES0207	5	10242	Mountain whitefish	319				2	Yellow	4225
ES0207	5	10246	Mountain whitefish	305				2	Yellow	7084
ES0207	5	10247	Mountain whitefish	317				2	Yellow	5531
ES0207	5	10241	Mountain whitefish	320				2	Yellow	4155
ES0207	6	12042	Mountain whitefish	338				2	Yellow	5667

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0207	6	12041	Mountain whitefish	300				2	Yellow	5517
ES0207	6	12043	Mountain whitefish	310				2	Yellow	5545
ES0207	6	12044	Mountain whitefish	322				2	Yellow	5563
ES0208	1	1087	Arctic grayling	380	792	Scale	4	0	Yellow	2696
ES0208	1	1088	Arctic grayling	338	556	Scale	3	0	Yellow	2697
ES0208	1	1089	Bull trout	483	1288	Fin Ray	7	0	Yellow	2698
ES0208	1	1119	Largescale sucker	498	1364			0		
ES0208	1	1082	Largescale sucker	555	2008			0		
ES0208	1	1086	Mountain whitefish	270	248	Scale		0	Yellow	2695
ES0208	1	1117	Mountain whitefish	255	170	Scale		0		
ES0208	1	1084	Mountain whitefish	302	302	Scale		0	Yellow	2692
ES0208	1	1096	Mountain whitefish	206	94	Scale		0		
ES0208	1	1083	Mountain whitefish	322	376	Scale		0	Yellow	2691
ES0208	1	1111	Mountain whitefish	187	76	Scale		0		
ES0208	1	1093	Mountain whitefish	190	74	Scale		0		
ES0208	1	1085	Mountain whitefish	302	330	Scale		0	Yellow	2694
ES0208	1	1090	Mountain whitefish	183	66	Scale		0		
ES0208	1	1105	Mountain whitefish	330	346	Scale		0	Yellow	2702
ES0208	1	1092	Mountain whitefish	194	80	Scale		0		
ES0208	1	1080	Mountain whitefish	183	64	Scale		0		
ES0208	1	1095	Mountain whitefish	191	70	Scale		0		
ES0208	1	1091	Mountain whitefish	153	38	Scale		0		
ES0208	1	1104	Mountain whitefish	218	108	Scale		0		
ES0208	1	1101	Mountain whitefish	184	60	Scale		0		
ES0208	1	1100	Mountain whitefish	316	334	Scale		0	Yellow	2700
ES0208	1	1099	Mountain whitefish	150	34	Scale		0		
ES0208	1	1098	Mountain whitefish	310	298	Scale		0	Yellow	2699
ES0208	1	1097	Mountain whitefish	216	102	Scale		0		
ES0208	1	1102	Mountain whitefish	267	200	Scale		0	Yellow	2693
ES0208	1	1094	Mountain whitefish	251	176	Scale	3	0		
ES0208	1	1079	Mountain whitefish	326	336	Scale		0	Yellow	2690
ES0208	1	1113	Mountain whitefish	320	344	Scale		0	Yellow	2705
ES0208	1	1127	Mountain whitefish	286	248	Scale		0	Yellow	2713
ES0208	1	1103	Mountain whitefish	319	306	Scale		0	Yellow	2701
ES0208	1	1075	Mountain whitefish	443	826	Scale		0	Yellow	2686
ES0208	1	1076	Mountain whitefish	327	424	Scale		0	Yellow	2687
ES0208	1	1077	Mountain whitefish	260	204	Scale		0	Yellow	2688
ES0208	1	1081	Mountain whitefish	239	146	Scale		0		
ES0208	1	1106	Mountain whitefish	262	176	Scale		0	Yellow	2703
ES0208	1	1107	Mountain whitefish	243	154	Scale		0		
ES0208	1	1108	Mountain whitefish	202	88	Scale		0		
ES0208	1	1109	Mountain whitefish	246	164	Scale		0		
ES0208	1	1110	Mountain whitefish	211	110	Scale		0		
ES0208	1	1124	Mountain whitefish	305	284	Scale		0	Yellow	2710
ES0208	1	1126	Mountain whitefish	313	340	Scale		0	Yellow	2712
ES0208	1	1078	Mountain whitefish	298	254	Scale		0	Yellow	2689
ES0208	1	1125	Mountain whitefish	322	308	Scale		0	Yellow	2711
ES0208	1	1112	Mountain whitefish	278	210	Scale	3	0	Yellow	2704
ES0208	1	1123	Mountain whitefish	327	358	Scale		0	Yellow	2709
ES0208	1	1122	Mountain whitefish	297	254	Scale		0	Yellow	2708
ES0208	1	1121	Mountain whitefish	268	200	Scale		0		
ES0208	1	1120	Mountain whitefish	307	288	Scale		0	Yellow	2707
ES0208	1	1118	Mountain whitefish	237	136	Scale		0		
ES0208	1	1116	Mountain whitefish	245	156	Scale		0		
ES0208	1	1115	Mountain whitefish	423	760	Scale		0		
ES0208	1	1114	Mountain whitefish	280	230	Scale		0	Yellow	2706
ES0208	2	3433	Largescale sucker	513	1648			0		
ES0208	2	3434	Largescale sucker	536	1734			0		
ES0208	2	3439	Mountain whitefish	468	1198	Scale		0	Yellow	4174
ES0208	2	3437	Mountain whitefish	452	1040	Scale		0	Yellow	4173
ES0208	2	3463	Mountain whitefish	310	318	Scale		0	Yellow	4195
ES0208	2	3462	Mountain whitefish	257	172	Scale		0	Yellow	4194
ES0208	2	3461	Mountain whitefish	206	82	Scale		0		
ES0208	2	3460	Mountain whitefish	309	294	Scale		0	Yellow	4193
ES0208	2	3459	Mountain whitefish	313	324	Scale		0	Yellow	4192
ES0208	2	3458	Mountain whitefish	275	200			2	Yellow	2704
ES0208	2	3457	Mountain whitefish	289	218	Scale		0	Yellow	4191
ES0208	2	3456	Mountain whitefish	265	194	Scale		0	Yellow	4190
ES0208	2	3455	Mountain whitefish	412	770	Scale		0	Yellow	4189



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0208	2	3468	Mountain whitefish	236	114	Scale		0		
ES0208	2	3466	Mountain whitefish	335	402	Scale	6	0	Yellow	4196
ES0208	2	3453	Mountain whitefish	303	290	Scale		0	Yellow	4188
ES0208	2	3464	Mountain whitefish	232	118	Scale		0		
ES0208	2	3441	Mountain whitefish	347	370	Scale		0	Yellow	4176
ES0208	2	3436	Mountain whitefish	432	902	Scale		0	Yellow	4172
ES0208	2	3448	Mountain whitefish	281	228	Scale		0	Yellow	4183
ES0208	2	3451	Mountain whitefish	332	332	Scale		0	Yellow	4186
ES0208	2	3449	Mountain whitefish	307	258	Scale	5	0	Yellow	4184
ES0208	2	3447	Mountain whitefish	315	326	Scale		0	Yellow	4182
ES0208	2	3440	Mountain whitefish	324	384	Scale		0	Yellow	4175
ES0208	2	3450	Mountain whitefish	313	326	Scale		0	Yellow	4185
ES0208	2	3445	Mountain whitefish	305	284	Scale		0	Yellow	4180
ES0208	2	3442	Mountain whitefish	318	320	Scale		0	Yellow	4177
ES0208	2	3443	Mountain whitefish	294	266	Scale		0	Yellow	4178
ES0208	2	3452	Mountain whitefish	309	322	Scale		0	Yellow	4187
ES0208	2	3444	Mountain whitefish	314	334	Scale		0	Yellow	4179
ES0208	2	3446	Mountain whitefish	332	282	Scale		0	Yellow	4181
ES0208	2	3435	Mountain whitefish	441	820			2	Yellow	2686
ES0208	2	3465	Mountain whitefish	323	346			2	Yellow	2709
ES0208	2	3438	Mountain whitefish	321	394	Scale	5	0		
ES0208	2	3454	Mountain whitefish	242	152	Scale		0		
ES0208	2	3467	Mountain whitefish	273	224			2	Yellow	2706
ES0208	2	3473	Mountain whitefish	212	94	Scale		0		
ES0208	2	3469	Mountain whitefish	310	352	Scale		0	Yellow	4197
ES0208	2	3472	Mountain whitefish	222	104	Scale	3	0		
ES0208	2	3470	Mountain whitefish	227	116	Scale		0		
ES0208	2	3471	Mountain whitefish	315	350	Scale		0	Yellow	4198
ES0208	3	5632	Arctic grayling	368	642	Scale	3	0	Yellow	5539
ES0208	3	5629	Arctic grayling	376	694	Scale	4	0	Yellow	5537
ES0208	3	5630	Arctic grayling	327	468	Scale	3	0	Yellow	5538
ES0208	3	5633	Arctic grayling	398	796	Scale	5	0	Yellow	5540
ES0208	3	5660	Mountain whitefish	246	144	Scale		0		
ES0208	3	5661	Mountain whitefish	277	258	Scale		0	Yellow	5555
ES0208	3	5665	Mountain whitefish	246	154	Scale		0		
ES0208	3	5664	Mountain whitefish	287	246	Scale		0	Yellow	5557
ES0208	3	5646	Mountain whitefish	344	402	Scale		0	Yellow	5548
ES0208	3	5662	Mountain whitefish	252	168	Scale		0	Yellow	5556
ES0208	3	5663	Mountain whitefish	241	136	Scale		0		
ES0208	3	5655	Mountain whitefish	291	278	Scale		0	Yellow	5553
ES0208	3	5658	Mountain whitefish	232	134	Scale		0		
ES0208	3	5643	Mountain whitefish	197	86	Scale		0		
ES0208	3	5675	Mountain whitefish	217	120	Scale		0		
ES0208	3	5627	Mountain whitefish	337				2	Yellow	2664
ES0208	3	5623	Mountain whitefish	315	372	Scale		0		
ES0208	3	5625	Mountain whitefish	311	296	Scale		0		
ES0208	3	5652	Mountain whitefish	223	108	Scale		0		
ES0208	3	5647	Mountain whitefish	196	84	Scale		0		
ES0208	3	5648	Mountain whitefish	296	268	Scale		0	Yellow	5549
ES0208	3	5649	Mountain whitefish	245	140	Scale		0		
ES0208	3	5650	Mountain whitefish	387	578			0	Yellow	5550
ES0208	3	5669	Mountain whitefish	259	174	Scale		0	Yellow	5559
ES0208	3	5668	Mountain whitefish	249	162	Scale		0		
ES0208	3	5679	Mountain whitefish	208	96	Scale		0		
ES0208	3	5654	Mountain whitefish	279	236	Scale	3	0	Yellow	5552
ES0208	3	5671	Mountain whitefish	300	248	Scale		0	Yellow	5561
ES0208	3	5659	Mountain whitefish	296	266	Scale		0	Yellow	5554
ES0208	3	5672	Mountain whitefish	295	246	Scale		0	Yellow	5562
ES0208	3	5673	Mountain whitefish	214	94	Scale		0		
ES0208	3	5674	Mountain whitefish	238	136	Scale		0		
ES0208	3	5653	Mountain whitefish	318	334	Scale		0	Yellow	5551
ES0208	3	5626	Mountain whitefish	337	406	Scale		0	Yellow	5535
ES0208	3	5676	Mountain whitefish	214	98	Scale		0		
ES0208	3	5644	Mountain whitefish	300	288	Scale		0	Yellow	5546
ES0208	3	5656	Mountain whitefish	214	100	Scale		0		
ES0208	3	5651	Mountain whitefish	191	82	Scale		0		
ES0208	3	5642	Mountain whitefish	310	302	Scale		0	Yellow	5545
ES0208	3	5634	Mountain whitefish	233	124	Scale		0		
ES0208	3	5640	Mountain whitefish	208	104	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0208	3	5624	Mountain whitefish	346				2	Yellow	4169
ES0208	3	5628	Mountain whitefish	447	1022	Scale		0	Yellow	5536
ES0208	3	5639	Mountain whitefish	322	372	Scale		0	Yellow	5543
ES0208	3	5635	Mountain whitefish	307				2	Yellow	2699
ES0208	3	5637	Mountain whitefish	316				2	Yellow	2711
ES0208	3	5666	Mountain whitefish	268	196	Scale	3	0	Yellow	5558
ES0208	3	5645	Mountain whitefish	328	352	Scale		0	Yellow	5547
ES0208	3	5631	Mountain whitefish	310				2	Yellow	2700
ES0208	3	5677	Mountain whitefish	144	32	Scale		0		
ES0208	3	5667	Mountain whitefish	230	122	Scale		0		
ES0208	3	5678	Mountain whitefish	207	88	Scale		0		
ES0208	3	5638	Mountain whitefish	319	316	Scale		0	Yellow	5542
ES0208	3	5670	Mountain whitefish	256	164	Scale		0	Yellow	5560
ES0208	3	5641	Mountain whitefish	322	344	Scale		0	Yellow	5544
ES0208	3	5636	Mountain whitefish	298	276	Scale		0	Yellow	5541
ES0208	3	5657	Mountain whitefish	242	152	Scale		0		
ES0208	4	8113	Mountain whitefish	229	116	Scale		0		
ES0208	4	8121	Mountain whitefish	310	300	Scale		0	Yellow	7025
ES0208	4	8129	Mountain whitefish	160	42	Scale		0		
ES0208	4	8128	Mountain whitefish	149	36	Scale		0		
ES0208	4	8126	Mountain whitefish	198	76	Scale		0		
ES0208	4	8109	Mountain whitefish	337				2	Yellow	5535
ES0208	4	8110	Mountain whitefish	239	154	Scale		0		
ES0208	4	8111	Mountain whitefish	246	168	Scale		0		
ES0208	4	8124	Mountain whitefish	223	120	Scale		0		
ES0208	4	8106	Mountain whitefish	272				2	Yellow	2695
ES0208	4	8112	Mountain whitefish	284	234	Scale		0	Yellow	7020
ES0208	4	8105	Mountain whitefish	245	156	Scale	3	0		
ES0208	4	8114	Mountain whitefish	309	316	Scale		0	Yellow	7021
ES0208	4	8115	Mountain whitefish	277	220	Scale		0	Yellow	7022
ES0208	4	8103	Mountain whitefish	314	350	Scale		0	Yellow	7016
ES0208	4	8117	Mountain whitefish	244	156	Scale		0		
ES0208	4	8123	Mountain whitefish	241	154	Scale		0		
ES0208	4	8119	Mountain whitefish	335	378	Scale		0	Yellow	7023
ES0208	4	8120	Mountain whitefish	290	244	Scale		0	Yellow	7024
ES0208	4	8122	Mountain whitefish	287	260	Scale		0	Yellow	7026
ES0208	4	8098	Mountain whitefish	337	356	Scale		0	Yellow	7012
ES0208	4	8108	Mountain whitefish	298	272	Scale		0	Yellow	7019
ES0208	4	8130	Mountain whitefish	194	78	Scale		0		
ES0208	4	8134	Mountain whitefish	170	52	Scale		0		
ES0208	4	8135	Mountain whitefish	200	84	Scale		0		
ES0208	4	8101	Mountain whitefish	207	94	Scale		0		
ES0208	4	8133	Mountain whitefish	205	84	Scale		0		
ES0208	4	8100	Mountain whitefish	314	348	Scale		0	Yellow	7014
ES0208	4	8095	Mountain whitefish	362	516	Scale		0	Yellow	7009
ES0208	4	8099	Mountain whitefish	255	196	Scale		0	Yellow	7013
ES0208	4	8107	Mountain whitefish	296	298	Scale		0	Yellow	7018
ES0208	4	8097	Mountain whitefish	346	408	Scale		0	Yellow	7011
ES0208	4	8127	Mountain whitefish	230	132	Scale		0		
ES0208	4	8102	Mountain whitefish	309	312	Scale		0	Yellow	7015
ES0208	4	8125	Mountain whitefish	235	142	Scale		0		
ES0208	4	8132	Mountain whitefish	158	38	Scale		0		
ES0208	4	8118	Mountain whitefish	296				2	Yellow	4276
ES0208	4	8104	Mountain whitefish	320	384	Scale		0	Yellow	7017
ES0208	4	8116	Mountain whitefish	225	116	Scale		0		
ES0208	4	8131	Mountain whitefish	163	38	Scale		0		
ES0208	4	8096	Mountain whitefish	315	300	Scale		0	Yellow	7010
ES0208	5	10249	Bull trout	485	1038	Fin Ray	6	0	Yellow	7875
ES0208	5	10294	Mountain whitefish	310				2	Yellow	4187
ES0208	5	10292	Mountain whitefish	319				2	Yellow	2701
ES0208	5	10293	Mountain whitefish	300				2	Yellow	2708
ES0208	5	10291	Mountain whitefish	443				2	Yellow	2686
ES0208	5	10290	Mountain whitefish	313				2	Yellow	2672
ES0208	5	10295	Mountain whitefish	300				2	Yellow	5541
ES0208	6	12045	Bull trout	291	240	Fin Ray	3	0	Yellow	7895
ES0208	6	12082	Mountain whitefish	315				2	Yellow	2711
ES0208	6	12079	Mountain whitefish	319				2	Yellow	2701
ES0208	6	12081	Mountain whitefish	304				2	Yellow	2689
ES0208	6	12077	Mountain whitefish	325				2	Yellow	5544

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0208	6	12075	Mountain whitefish	310				2	Yellow	2707
ES0208	6	12078	Mountain whitefish	321				2	Yellow	4177
ES0208	6	12080	Mountain whitefish	290				2	Yellow	7020
ES0208	6	12076	Mountain whitefish	357				2	Yellow	5522
ES0209	1	1130	Arctic grayling	336	408			0	Yellow	2724
ES0209	1	1128	Arctic grayling	251	198	Scale	2	0	Yellow	2725
ES0209	1	1154	Mountain whitefish	230	142	Scale		0		
ES0209	1	1133	Mountain whitefish	309	306	Scale		0	Yellow	2722
ES0209	1	1152	Mountain whitefish	216	106	Scale		0		
ES0209	1	1165	Mountain whitefish	313	316	Scale		0	Yellow	2738
ES0209	1	1161	Mountain whitefish	230	122	Scale		0		
ES0209	1	1167	Mountain whitefish	226	134	Scale		0		
ES0209	1	1146	Mountain whitefish	332	382	Scale	6	0	Yellow	2726
ES0209	1	1159	Mountain whitefish	272	202	Scale		0	Yellow	2735
ES0209	1	1163	Mountain whitefish	322	344	Scale		0	Yellow	2737
ES0209	1	1145	Mountain whitefish	240	152	Scale		0		
ES0209	1	1160	Mountain whitefish	245	148	Scale		0		
ES0209	1	1141	Mountain whitefish	324	314	Scale		0	Yellow	2715
ES0209	1	1140	Mountain whitefish	325	338	Scale		0	Yellow	2716
ES0209	1	1139	Mountain whitefish	300	268	Scale		0	Yellow	2717
ES0209	1	1138	Mountain whitefish	305	282	Scale		0	Yellow	2718
ES0209	1	1137	Mountain whitefish	331	350	Scale		0	Yellow	2719
ES0209	1	1136	Mountain whitefish	314	354	Scale		0	Yellow	2720
ES0209	1	1143	Mountain whitefish	340	432	Scale		0	Yellow	2714
ES0209	1	1134	Mountain whitefish	350	422	Scale	8	0	Yellow	2721
ES0209	1	1144	Mountain whitefish	145		Scale		0		
ES0209	1	1132	Mountain whitefish	322	348	Scale		0		
ES0209	1	1147	Mountain whitefish	430	856	Scale	9	0	Yellow	2727
ES0209	1	1129	Mountain whitefish	147	34	Scale		0		
ES0209	1	1169	Mountain whitefish	334	374	Scale		0	Yellow	2741
ES0209	1	1131	Mountain whitefish	298	244	Scale		0	Yellow	2723
ES0209	1	1170	Mountain whitefish	309	310	Scale		0	Yellow	2742
ES0209	1	1158	Mountain whitefish	278	232	Scale		0	Yellow	2734
ES0209	1	1173	Mountain whitefish	199	82	Scale		0		
ES0209	1	1157	Mountain whitefish	375	482	Scale		0	Yellow	2733
ES0209	1	1156	Mountain whitefish	350	404	Scale		0	Yellow	2732
ES0209	1	1177	Mountain whitefish	309	280	Scale		0	Yellow	2748
ES0209	1	1176	Mountain whitefish	323	378	Scale		0	Yellow	2747
ES0209	1	1155	Mountain whitefish	197	76	Scale		0		
ES0209	1	1174	Mountain whitefish	306	290	Scale		0	Yellow	2745
ES0209	1	1142	Mountain whitefish	347	422	Scale		0		
ES0209	1	1166	Mountain whitefish	336	410	Scale		0	Yellow	2739
ES0209	1	1171	Mountain whitefish	359	466	Scale		0	Yellow	2743
ES0209	1	1162	Mountain whitefish	269	200	Scale		0	Yellow	2736
ES0209	1	1148	Mountain whitefish	357	466	Scale		0	Yellow	2728
ES0209	1	1149	Mountain whitefish	340	420	Scale		0	Yellow	2729
ES0209	1	1172	Mountain whitefish	359	412	Scale		0	Yellow	2744
ES0209	1	1151	Mountain whitefish	295	290	Scale		0	Yellow	2730
ES0209	1	1153	Mountain whitefish	315	320	Scale		0	Yellow	2731
ES0209	1	1175	Mountain whitefish	321	336	Scale		0	Yellow	2746
ES0209	1	1164	Mountain whitefish	232	140	Scale		0		
ES0209	1	1135	Mountain whitefish	243	176	Scale		0		
ES0209	1	1168	Mountain whitefish	332	376	Scale		0	Yellow	2740
ES0209	1	1150	Mountain whitefish	249	168	Scale		0		
ES0209	2	3338	Mountain whitefish	413	588	Scale		0	Yellow	4227
ES0209	2	3345	Mountain whitefish	196	80	Scale		0		
ES0209	2	3344	Mountain whitefish	241	146	Scale		0		
ES0209	2	3340	Mountain whitefish	308	288	Scale		0	Yellow	4228
ES0209	2	3339	Mountain whitefish	308	266	Scale		0		
ES0209	2	3342	Mountain whitefish	333	328	Scale		0	Yellow	4230
ES0209	2	3343	Mountain whitefish	323	332	Scale		0	Yellow	4231
ES0209	2	3341	Mountain whitefish	310	304	Scale		0	Yellow	4229
ES0209	3	6061	Bull trout	344	398	Fin Ray	4	0	Yellow	5824
ES0209	3	6056	Mountain whitefish	335	360	Scale		0		
ES0209	3	6044	Mountain whitefish	249	148	Scale		0		
ES0209	3	5998	Mountain whitefish	394	548	Scale		0	Yellow	5776
ES0209	3	5999	Mountain whitefish	334	396	Scale		0	Yellow	5777
ES0209	3	6001	Mountain whitefish	316	308	Scale		0	Yellow	5779
ES0209	3	6050	Mountain whitefish	361	438	Scale		0	Yellow	5814



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0209	3	6000	Mountain whitefish	338	352	Scale		0	Yellow	5778
ES0209	3	5997	Mountain whitefish	321	306	Scale		0		
ES0209	3	6057	Mountain whitefish	333	364	Scale		0	Yellow	5820
ES0209	3	6054	Mountain whitefish	338	358	Scale		0	Yellow	5818
ES0209	3	6053	Mountain whitefish	317	288	Scale		0	Yellow	5817
ES0209	3	6051	Mountain whitefish	259	176	Scale		0	Yellow	5815
ES0209	3	6048	Mountain whitefish	306	308	Scale		0	Yellow	5812
ES0209	3	6047	Mountain whitefish	293	240	Scale		0	Yellow	5811
ES0209	3	6002	Mountain whitefish	298	272	Scale		0	Yellow	5780
ES0209	3	6049	Mountain whitefish	309	292	Scale		0	Yellow	5813
ES0209	3	6046	Mountain whitefish	299	228	Scale		0	Yellow	5810
ES0209	3	6058	Mountain whitefish	253	178	Scale		0	Yellow	5821
ES0209	3	6052	Mountain whitefish	324	308	Scale		0	Yellow	5816
ES0209	3	6004	Mountain whitefish	316	322	Scale		0	Yellow	5782
ES0209	3	6013	Mountain whitefish	326		Scale		0	Yellow	5788
ES0209	3	6038	Mountain whitefish	272	204	Scale		0	Yellow	5805
ES0209	3	6039	Mountain whitefish	380	472	Scale		0	Yellow	5806
ES0209	3	6027	Mountain whitefish	287		Scale		0	Yellow	5800
ES0209	3	6040	Mountain whitefish	343	386	Scale		0	Yellow	5807
ES0209	3	6026	Mountain whitefish	333	374	Scale		0	Yellow	5799
ES0209	3	6041	Mountain whitefish	351				2	Yellow	2732
ES0209	3	6042	Mountain whitefish	312	276	Scale		0	Yellow	5808
ES0209	3	6036	Mountain whitefish	250	152	Scale		0	Yellow	5803
ES0209	3	6014	Mountain whitefish	374	472	Scale		0	Yellow	5789
ES0209	3	6025	Mountain whitefish	334	376	Scale		0	Yellow	5798
ES0209	3	6005	Mountain whitefish	266	196	Scale		0	Yellow	5783
ES0209	3	6006	Mountain whitefish	329	358	Scale		0	Yellow	5784
ES0209	3	6059	Mountain whitefish	322	390	Scale		0	Yellow	5822
ES0209	3	6007	Mountain whitefish	319	280	Scale		0	Yellow	5785
ES0209	3	6008	Mountain whitefish	356	410	Scale		0	Yellow	5786
ES0209	3	6009	Mountain whitefish	318				2	Yellow	2731
ES0209	3	6010	Mountain whitefish	238	136	Scale		0		
ES0209	3	6011	Mountain whitefish	357	500	Scale		0		
ES0209	3	6024	Mountain whitefish	316	280	Scale		0	Yellow	5797
ES0209	3	6032	Mountain whitefish	210	96	Scale		0		
ES0209	3	6016	Mountain whitefish	334				2	Yellow	4230
ES0209	3	6060	Mountain whitefish	361	372	Scale	7	0	Yellow	5823
ES0209	3	6043	Mountain whitefish	184	64	Scale		0		
ES0209	3	6055	Mountain whitefish	278	222	Scale		0	Yellow	5819
ES0209	3	6012	Mountain whitefish	347	382	Scale		0	Yellow	5787
ES0209	3	6028	Mountain whitefish	307		Scale		0		
ES0209	3	6021	Mountain whitefish	359	462	Scale		0	Yellow	5794
ES0209	3	6020	Mountain whitefish	336	380	Scale		0	Yellow	5793
ES0209	3	6019	Mountain whitefish	237	138	Scale		0		
ES0209	3	6037	Mountain whitefish	322	364	Scale		0	Yellow	5804
ES0209	3	6017	Mountain whitefish	323	304	Scale		0	Yellow	5791
ES0209	3	6003	Mountain whitefish	335	380	Scale		0	Yellow	5781
ES0209	3	6015	Mountain whitefish	294		Scale		0		
ES0209	3	6045	Mountain whitefish	295	208	Scale		0	Yellow	5809
ES0209	3	6029	Mountain whitefish	313	308	Scale		0	Yellow	5790
ES0209	3	6030	Mountain whitefish	243	162	Scale		0		
ES0209	3	6031	Mountain whitefish	288		Scale		0	Yellow	5825
ES0209	3	6023	Mountain whitefish	315	310	Scale		0	Yellow	5796
ES0209	3	6033	Mountain whitefish	337	354	Scale		0	Yellow	5801
ES0209	3	6022	Mountain whitefish	304	260	Scale		0	Yellow	5795
ES0209	3	6035	Mountain whitefish	205	88	Scale		0		
ES0209	3	6034	Mountain whitefish	279	204	Scale		0	Yellow	5802
ES0209	3	6018	Mountain whitefish	339	400	Scale		0	Yellow	5792
ES0209	4	8468	Arctic grayling	336		Scale	3	0	Yellow	7226
ES0209	4	8464	Largescale sucker	510				0		
ES0209	4	8455	Longnose sucker	434				0		
ES0209	4	8461	Mountain whitefish	331		Scale		0	Yellow	7222
ES0209	4	8481	Mountain whitefish	373		Scale		0	Yellow	7240
ES0209	4	8480	Mountain whitefish	348		Scale	7	0	Yellow	7239
ES0209	4	8479	Mountain whitefish	413		Scale		0	Yellow	7238
ES0209	4	8478	Mountain whitefish	255		Scale		0	Yellow	7237
ES0209	4	8477	Mountain whitefish	316		Scale		0	Yellow	7236
ES0209	4	8469	Mountain whitefish	329		Scale	6	0	Yellow	7228
ES0209	4	8475	Mountain whitefish	286		Scale		0	Yellow	7234

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0209	4	8463	Mountain whitefish	323		Scale		0	Yellow	7224
ES0209	4	8482	Mountain whitefish	251		Scale		0	Yellow	7241
ES0209	4	8462	Mountain whitefish	345		Scale		0	Yellow	7223
ES0209	4	8476	Mountain whitefish	300		Scale	4	0	Yellow	7235
ES0209	4	8473	Mountain whitefish	316		Scale		0	Yellow	7232
ES0209	4	8456	Mountain whitefish	332		Scale		0	Yellow	7219
ES0209	4	8457	Mountain whitefish	330				2	Yellow	5784
ES0209	4	8458	Mountain whitefish	393		Scale	8	0	Yellow	7220
ES0209	4	8459	Mountain whitefish	433				2	Yellow	2727
ES0209	4	8460	Mountain whitefish	258		Scale		0	Yellow	7221
ES0209	4	8472	Mountain whitefish	318		Scale		0	Yellow	7231
ES0209	4	8471	Mountain whitefish	315		Scale		0	Yellow	7230
ES0209	4	8474	Mountain whitefish	288		Scale		0	Yellow	7233
ES0209	4	8497	Mountain whitefish	323		Scale		0	Yellow	7254
ES0209	4	8483	Mountain whitefish	338		Scale		0	Yellow	7242
ES0209	4	8499	Mountain whitefish	259		Scale		0	Yellow	7256
ES0209	4	8467	Mountain whitefish	348		Scale		0	Yellow	7227
ES0209	4	8465	Mountain whitefish	289		Scale		0	Yellow	7225
ES0209	4	8486	Mountain whitefish	337		Scale		0	Yellow	7245
ES0209	4	8470	Mountain whitefish	309		Scale		0	Yellow	7229
ES0209	4	8466	Mountain whitefish	318		Scale		0	Yellow	7212
ES0209	4	8498	Mountain whitefish	274		Scale		0	Yellow	7255
ES0209	4	8496	Mountain whitefish	239		Scale		0		
ES0209	4	8487	Mountain whitefish	344		Scale		0	Yellow	7246
ES0209	4	8490	Mountain whitefish	322		Scale		0	Yellow	7249
ES0209	4	8494	Mountain whitefish	324		Scale		0	Yellow	7253
ES0209	4	8493	Mountain whitefish	347		Scale		0	Yellow	7252
ES0209	4	8492	Mountain whitefish	257		Scale		0	Yellow	7251
ES0209	4	8484	Mountain whitefish	319		Scale		0	Yellow	7243
ES0209	4	8485	Mountain whitefish	358		Scale		0	Yellow	7244
ES0209	4	8488	Mountain whitefish	333		Scale		0	Yellow	7247
ES0209	4	8491	Mountain whitefish	331		Scale		0	Yellow	7250
ES0209	4	8495	Mountain whitefish	247		Scale		0		
ES0209	4	8489	Mountain whitefish	339		Scale		0	Yellow	7248
ES0209	5	10346	Mountain whitefish	356				2	Yellow	2743
ES0209	5	10347	Mountain whitefish	341				2	Yellow	1546
ES0209	5	10348	Mountain whitefish	321				2	Yellow	5804
ES0209	5	10345	Mountain whitefish	331				2	Yellow	7250
ES0209	6	12083	Arctic grayling	339	510	Scale	3	0	Yellow	7896
ES0210	1	1196	Largescale sucker	336	490			0		
ES0210	1	1179	Largescale sucker	481	1416			0		
ES0210	1	1181	Largescale sucker	485	1418			0		
ES0210	1	1183	Largescale sucker	486	1414			0		
ES0210	1	1182	Largescale sucker	494	1494			0		
ES0210	1	1180	Longnose sucker	484	1422			0		
ES0210	1	1194	Mountain whitefish	310	326	Scale		0	Yellow	2757
ES0210	1	1178	Mountain whitefish	298	260	Scale		0	Yellow	2749
ES0210	1	1204	Mountain whitefish	230	126	Scale		0		
ES0210	1	1201	Mountain whitefish	286	274	Scale		0	Yellow	2763
ES0210	1	1184	Mountain whitefish	304	280	Scale		0		
ES0210	1	1191	Mountain whitefish	444	856	Scale	11	0	Yellow	2754
ES0210	1	1200	Mountain whitefish	313	304	Scale		0	Yellow	2762
ES0210	1	1199	Mountain whitefish	274	212	Scale		0	Yellow	2761
ES0210	1	1195	Mountain whitefish	422	734	Scale		0	Yellow	2758
ES0210	1	1197	Mountain whitefish	350	430	Scale		0	Yellow	2759
ES0210	1	1193	Mountain whitefish	396	546	Scale		0	Yellow	2756
ES0210	1	1192	Mountain whitefish	381	494	Scale	7	0	Yellow	2755
ES0210	1	1190	Mountain whitefish	354	448	Scale		0		
ES0210	1	1189	Mountain whitefish	383	534	Scale		0	Yellow	2753
ES0210	1	1188	Mountain whitefish	421	726	Scale		0	Yellow	2752
ES0210	1	1187	Mountain whitefish	317	342	Scale		0	Yellow	2751
ES0210	1	1186	Mountain whitefish	360	476	Scale		0	Yellow	2750
ES0210	1	1185	Mountain whitefish	284	274	Scale		0		
ES0210	1	1198	Mountain whitefish	317	302	Scale		0	Yellow	2760
ES0210	1	1232	Mountain whitefish	312	328	Scale	6	0	Yellow	2784
ES0210	1	1219	Mountain whitefish	329	342	Scale		0	Yellow	2777
ES0210	1	1218	Mountain whitefish	303	292	Scale		0	Yellow	2776
ES0210	1	1217	Mountain whitefish	290	236	Scale		0	Yellow	2775
ES0210	1	1216	Mountain whitefish	371	522	Scale		0	Yellow	2774

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag		
									Colour	Number	
Section 2											
ES0210	1	1214	Mountain whitefish	323	320	Scale		0	Yellow	2772	
ES0210	1	1220	Mountain whitefish	285	252	Scale		0	Yellow	2778	
ES0210	1	1211	Mountain whitefish	337	340	Scale		0	Yellow	2769	
ES0210	1	1206	Mountain whitefish	275	214	Scale		0	Yellow	2767	
ES0210	1	1209	Mountain whitefish	245	160	Scale		0			
ES0210	1	1208	Mountain whitefish	197	86	Scale		0			
ES0210	1	1207	Mountain whitefish	277	230	Scale		0	Yellow	2768	
ES0210	1	1210	Mountain whitefish	186	68	Scale		0			
ES0210	1	1212	Mountain whitefish	349	408	Scale		0	Yellow	2770	
ES0210	1	1215	Mountain whitefish	313	316	Scale		0	Yellow	2773	
ES0210	1	1205	Mountain whitefish	331	384	Scale		0	Yellow	2766	
ES0210	1	1228	Mountain whitefish	290	232	Scale		0	Yellow	2782	
ES0210	1	1221	Mountain whitefish	304	314	Scale		0	Yellow	2779	
ES0210	1	1231	Mountain whitefish	285	224	Scale		0	Yellow	2783	
ES0210	1	1230	Mountain whitefish	149	28	Scale		0			
ES0210	1	1224	Mountain whitefish	134	24	Scale		1			
ES0210	1	1222	Mountain whitefish	284	228	Scale		0	Yellow	2780	
ES0210	1	1223	Mountain whitefish	320	344	Scale		0			
ES0210	1	1229	Mountain whitefish	241	148	Scale		0			
ES0210	1	1225	Mountain whitefish	198	78	Scale		0			
ES0210	1	1226	Mountain whitefish	347	380	Scale		0	Yellow	2781	
ES0210	1	1227	Mountain whitefish	230	136	Scale		0			
ES0210	1	1203	Mountain whitefish	310	294	Scale		0	Yellow	2765	
ES0210	1	1213	Mountain whitefish	306	272	Scale		0	Yellow	2771	
ES0210	1	1202	Mountain whitefish	284	248	Scale		0	Yellow	2764	
ES0210	2	3348	Largescale sucker	428	1196			0			
ES0210	2	3346	Largescale sucker	507	1486			0			
ES0210	2	3347	Longnose sucker	400	832			0			
ES0210	2	3378	Mountain whitefish	330	386	Scale		0	Yellow	4127	
ES0210	2	3377	Mountain whitefish	329	326	Scale		0	Yellow	4226	
ES0210	2	3363	Mountain whitefish	344	366	Scale		0	Yellow	4237	
ES0210	2	3362	Mountain whitefish	303	240	Scale		0	Yellow	4236	
ES0210	2	3361	Mountain whitefish	291	302	Scale		0	Yellow	4235	
ES0210	2	3360	Mountain whitefish	287	260	Scale		0	Yellow	4234	
ES0210	2	3358	Mountain whitefish	367	460	Scale		0	Yellow	4232	
ES0210	2	3368	Mountain whitefish	305	292	Scale		0	Yellow	4242	
ES0210	2	3357	Mountain whitefish	255	202	Scale		0			
ES0210	2	3359	Mountain whitefish	304	378	Scale		0	Yellow	4233	
ES0210	2	3364	Mountain whitefish	293	240	Scale		0	Yellow	4238	
ES0210	2	3365	Mountain whitefish	307	312	Scale		0	Yellow	4239	
ES0210	2	3374	Mountain whitefish	282	222	Scale		0	Yellow	4248	
ES0210	2	3355	Mountain whitefish	340	408	Scale		0			
ES0210	2	3376	Mountain whitefish	280	200	Scale		0	Yellow	4250	
ES0210	2	3354	Mountain whitefish	328	398			2	Yellow	4067	
ES0210	2	3356	Mountain whitefish	280	232			2	Yellow	2768	
ES0210	2	3353	Mountain whitefish	322	330			2	Yellow	2690	
ES0210	2	3352	Mountain whitefish	293	274			2	Yellow	4072	
ES0210	2	3351	Mountain whitefish	345	400			2	Yellow	4073	
ES0210	2	3350	Mountain whitefish	393	536			2	Yellow	2756	
ES0210	2	3349	Mountain whitefish	423	722			2	Yellow	2758	
ES0210	2	3373	Mountain whitefish	300	270	Scale		0	Yellow	4247	
ES0210	2	3375	Mountain whitefish	336	350	Scale		0	Yellow	4249	
ES0210	2	3366	Mountain whitefish	307	316	Scale		0	Yellow	4240	
ES0210	2	3379	Mountain whitefish	302	282	Scale		0	Yellow	4128	
ES0210	2	3370	Mountain whitefish	308	278	Scale		0	Yellow	4244	
ES0210	2	3369	Mountain whitefish	286	240	Scale		0	Yellow	4243	
ES0210	2	3367	Mountain whitefish	296	288	Scale		0	Yellow	4241	
ES0210	2	3380	Mountain whitefish	315	338	Scale		0	Yellow	4129	
ES0210	2	3371	Mountain whitefish	288	230	Scale		0	Yellow	4245	
ES0210	2	3372	Mountain whitefish	265	194	Scale		0	Yellow	4246	
ES0210	3	5883	Arctic grayling	334	484	Scale		3	0	Yellow	5707
ES0210	3	5901	Longnose sucker	442	1152			0			
ES0210	3	5893	Mountain whitefish	335	414	Scale		0	Yellow	5715	
ES0210	3	5889	Mountain whitefish	283	242	Scale		0	Yellow	5711	
ES0210	3	5878	Mountain whitefish	244	152	Scale		0			
ES0210	3	5876	Mountain whitefish	300				2	Yellow	2749	
ES0210	3	5875	Mountain whitefish	303				2	Yellow	4233	
ES0210	3	5877	Mountain whitefish	330				2	Yellow	4075	
ES0210	3	5880	Mountain whitefish	441	816	Scale		0	Yellow	5705	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0210	3	5890	Mountain whitefish	289	252	Scale	3	0	Yellow	5712
ES0210	3	5881	Mountain whitefish	297	268	Scale		0		
ES0210	3	5898	Mountain whitefish	328	372	Scale		0	Yellow	5719
ES0210	3	5897	Mountain whitefish	315	312	Scale		0	Yellow	5718
ES0210	3	5879	Mountain whitefish	327	378	Scale		0	Yellow	5704
ES0210	3	5895	Mountain whitefish	306	298	Scale		0	Yellow	5717
ES0210	3	5896	Mountain whitefish	150	32	Scale		0		
ES0210	3	5888	Mountain whitefish	317	306	Scale		0		
ES0210	3	5887	Mountain whitefish	329	390	Scale		0	Yellow	5710
ES0210	3	5886	Mountain whitefish	198	96	Scale		0		
ES0210	3	5885	Mountain whitefish	327	364	Scale		0	Yellow	5709
ES0210	3	5884	Mountain whitefish	430	859	Scale		0	Yellow	5708
ES0210	3	5882	Mountain whitefish	331	364	Scale		0	Yellow	5706
ES0210	3	5892	Mountain whitefish	325	340	Scale		0	Yellow	5714
ES0210	3	5900	Mountain whitefish	360	452	Scale		0	Yellow	5721
ES0210	3	5899	Mountain whitefish	403	596	Scale		0	Yellow	5720
ES0210	3	5891	Mountain whitefish	338	398	Scale		0	Yellow	5713
ES0210	3	5894	Mountain whitefish	281	216	Scale		0	Yellow	5716
ES0210	4	8355	Largescale sucker	452	1200			0		
ES0210	4	8354	Longnose sucker	419	1258			0		
ES0210	4	8364	Mountain whitefish	164	48	Scale		0		
ES0210	4	8362	Mountain whitefish	377	452	Scale		0	Yellow	7166
ES0210	4	8363	Mountain whitefish	346	444	Scale		0	Yellow	7167
ES0210	4	8370	Mountain whitefish	312	278	Scale		0	Yellow	7171
ES0210	4	8360	Mountain whitefish	314	332	Scale		0	Yellow	7164
ES0210	4	8361	Mountain whitefish	347	426	Scale		0	Yellow	7165
ES0210	4	8356	Mountain whitefish	195	72	Scale		0		
ES0210	4	8359	Mountain whitefish	313	288	Scale		0	Yellow	7163
ES0210	4	8358	Mountain whitefish	316	372	Scale	5	0	Yellow	7162
ES0210	4	8357	Mountain whitefish	402	660	Scale		0	Yellow	7161
ES0210	4	8371	Mountain whitefish	311	304	Scale		0	Yellow	7172
ES0210	4	8374	Mountain whitefish	278	226	Scale		0	Yellow	7174
ES0210	4	8373	Mountain whitefish	255	162	Scale		0	Yellow	7173
ES0210	4	8372	Mountain whitefish	211	102	Scale		0		
ES0210	4	8365	Mountain whitefish	397	520	Scale		0	Yellow	7168
ES0210	4	8367	Mountain whitefish	422	704			2	Yellow	2752
ES0210	4	8369	Mountain whitefish	310	294	Scale		0	Yellow	7170
ES0210	4	8368	Mountain whitefish	334	362	Scale		0	Yellow	7169
ES0210	4	8366	Mountain whitefish	315	334			2	Yellow	4129
ES0210	5	10349	Arctic grayling	334	468	Scale	3	0	Yellow	7876
ES0210	5	10366	Mountain whitefish	348				2	Yellow	7165
ES0210	5	10370	Mountain whitefish	360				2	Yellow	5721
ES0210	5	10365	Mountain whitefish	290				2	Yellow	7175
ES0210	5	10371	Mountain whitefish	335				2	Yellow	5713
ES0210	5	10369	Mountain whitefish	337				2	Yellow	2766
ES0210	5	10368	Mountain whitefish	384				2	Yellow	2753
ES0210	5	10367	Mountain whitefish	444				2	Yellow	5705
ES0211	1	1250	Arctic grayling	203	100	Scale	1	0		
ES0211	1	1243	Arctic grayling	332	476	Scale	3	0	Yellow	2785
ES0211	1	1269	Bull trout	350	416	Fin Ray	4	0	Yellow	2799
ES0211	1	1279	Bull trout	345	400	Fin Ray	4	0	Yellow	2807
ES0211	1	1277	Bull trout	287	214	Fin Ray	3	0	Yellow	2805
ES0211	1	1235	Largescale sucker	500	1486			0		
ES0211	1	1234	Longnose sucker	420	938			0		
ES0211	1	1239	Longnose sucker	362	552			0		
ES0211	1	1236	Longnose sucker	370	582			0		
ES0211	1	1233	Longnose sucker	447	1372			0		
ES0211	1	1257	Mountain whitefish	323	314	Scale		0	Yellow	2789
ES0211	1	1246	Mountain whitefish	265	188	Scale		0		
ES0211	1	1256	Mountain whitefish	178	60	Scale		0		
ES0211	1	1245	Mountain whitefish	332		Scale		0	Yellow	2787
ES0211	1	1259	Mountain whitefish	324	370	Scale		0	Yellow	2791
ES0211	1	1247	Mountain whitefish	317	356	Scale		0		
ES0211	1	1248	Mountain whitefish	204	96	Scale		0		
ES0211	1	1274	Mountain whitefish	320	386	Scale		0	Yellow	2803
ES0211	1	1251	Mountain whitefish	179	60	Scale		0		
ES0211	1	1252	Mountain whitefish	248	162	Scale		0		
ES0211	1	1253	Mountain whitefish	239	140	Scale		0		
ES0211	1	1254	Mountain whitefish	314	322	Scale		0	Yellow	2788

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0211	1	1255	Mountain whitefish	200	82	Scale		0		
ES0211	1	1278	Mountain whitefish	340	412	Scale		0	Yellow	2806
ES0211	1	1271	Mountain whitefish	278	202	Scale		0	Yellow	2801
ES0211	1	1268	Mountain whitefish	320	300	Scale		0		
ES0211	1	1258	Mountain whitefish	288	234	Scale		0	Yellow	2790
ES0211	1	1266	Mountain whitefish	339	408	Scale		0	Yellow	2797
ES0211	1	1265	Mountain whitefish	245	152	Scale		0		
ES0211	1	1264	Mountain whitefish	269	204	Scale		0	Yellow	2796
ES0211	1	1263	Mountain whitefish	272	206	Scale		0	Yellow	2795
ES0211	1	1262	Mountain whitefish	312	314	Scale		0	Yellow	2794
ES0211	1	1261	Mountain whitefish	308	280	Scale	4	0	Yellow	2793
ES0211	1	1260	Mountain whitefish	348	422	Scale		0	Yellow	2792
ES0211	1	1270	Mountain whitefish	328	348	Scale		0	Yellow	2800
ES0211	1	1244	Mountain whitefish	333	416	Scale		0	Yellow	2786
ES0211	1	1273	Mountain whitefish	198	80	Scale		0		
ES0211	1	1267	Mountain whitefish	280	230	Scale		0	Yellow	2798
ES0211	1	1276	Mountain whitefish	267	192	Scale		0	Yellow	2804
ES0211	1	1242	Mountain whitefish	413	670	Scale		0		
ES0211	1	1241	Mountain whitefish	302	316	Scale		0		
ES0211	1	1275	Mountain whitefish	237	144	Scale		0		
ES0211	1	1249	Mountain whitefish	227	122	Scale		0		
ES0211	1	1272	Mountain whitefish	348	392	Scale		0	Yellow	2802
ES0211	1	1237	Rainbow trout	327	368			0		
ES0211	1	1238	Rainbow trout	403	684			0		
ES0211	1	1240	Rainbow trout	355	462			0		
ES0211	2	3227	Longnose sucker	397	812			0		
ES0211	2	3223	Longnose sucker	437	936			0		
ES0211	2	3222	Longnose sucker	427	920			0		
ES0211	2	3225	Longnose sucker	383	714			0		
ES0211	2	3224	Longnose sucker	386	798			0		
ES0211	2	3226	Longnose sucker	387	786			0		
ES0211	2	3233	Mountain whitefish	151	46	Scale		0		
ES0211	2	3231	Mountain whitefish	321	348	Scale		0	Yellow	4049
ES0211	2	3239	Mountain whitefish	236	148	Scale		0		
ES0211	2	3238	Mountain whitefish	343	406	Scale		0	Yellow	4055
ES0211	2	3237	Mountain whitefish	295	258	Scale		0	Yellow	4054
ES0211	2	3236	Mountain whitefish	330	402	Scale		0	Yellow	4053
ES0211	2	3241	Mountain whitefish	148	40	Scale		0		
ES0211	2	3234	Mountain whitefish	305	286	Scale		0	Yellow	4051
ES0211	2	3232	Mountain whitefish	352	460	Scale		0	Yellow	4050
ES0211	2	3242	Mountain whitefish	206	94	Scale		0		
ES0211	2	3235	Mountain whitefish	373	476	Scale		0	Yellow	4052
ES0211	2	3230	Mountain whitefish	325	344	Scale		0	Yellow	4048
ES0211	2	3229	Mountain whitefish	318	328	Scale		0	Yellow	4047
ES0211	2	3240	Mountain whitefish	269	218	Scale		0	Yellow	4056
ES0211	2	3228	Mountain whitefish	312	330			2	Yellow	2879
ES0211	2	3245	Mountain whitefish	244	168	Scale		0		
ES0211	2	3243	Mountain whitefish	256	190	Scale		0	Yellow	4057
ES0211	2	3244	Mountain whitefish	206	90	Scale		0		
ES0211	2	3246	Rainbow trout	367	544			0	Yellow	4058
ES0211	3	5996	Bull trout	315	328	Fin Ray	4	0	Yellow	5775
ES0211	3	5970	Largescale sucker	388	742			0		
ES0211	3	5968	Longnose sucker	404	696			0		
ES0211	3	5969	Longnose sucker	418	942			0		
ES0211	3	5971	Longnose sucker	417	104			0		
ES0211	3	5988	Mountain whitefish	265	216	Scale		0	Yellow	5772
ES0211	3	5994	Mountain whitefish	145	24	Scale		0		
ES0211	3	5981	Mountain whitefish	295	318	Scale		0		
ES0211	3	5992	Mountain whitefish	243	156	Scale		0		
ES0211	3	5991	Mountain whitefish	300	296	Scale		0		
ES0211	3	5987	Mountain whitefish	236	160	Scale		0		
ES0211	3	5993	Mountain whitefish	185	62	Scale	3	0		
ES0211	3	5982	Mountain whitefish	244	152	Scale		0		
ES0211	3	5986	Mountain whitefish	252	160	Scale		0	Yellow	5771
ES0211	3	5983	Mountain whitefish	320	324	Scale		0	Yellow	5769
ES0211	3	5985	Mountain whitefish	298	308	Scale		0		
ES0211	3	5984	Mountain whitefish	324	334	Scale		0	Yellow	5770
ES0211	3	5989	Mountain whitefish	298	298	Scale		0	Yellow	5773
ES0211	3	5977	Mountain whitefish	387	536	Scale		0	Yellow	5765



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 2										
ES0211	3	5995	Mountain whitefish	156	40	Scale		0		
ES0211	3	5973	Mountain whitefish	316				2	Yellow	2747
ES0211	3	5978	Mountain whitefish	255	164	Scale		0	Yellow	5766
ES0211	3	5972	Mountain whitefish	292	278	Scale		0		
ES0211	3	5976	Mountain whitefish	254	184	Scale		0	Yellow	5764
ES0211	3	5975	Mountain whitefish	323	418	Scale		0	Yellow	5763
ES0211	3	5974	Mountain whitefish	337	422	Scale		0	Yellow	5762
ES0211	3	5980	Mountain whitefish	210	98	Scale		0	Yellow	5768
ES0211	3	5990	Mountain whitefish	308	360	Scale		0	Yellow	5774
ES0211	3	5979	Mountain whitefish	275	226	Scale		0	Yellow	5767
ES0211	4	8454	Bull trout	254		Fin Ray	2	0	Yellow	7218
ES0211	4	8425	Bull trout	345	392			2	Yellow	2807
ES0211	4	8426	Bull trout	345	400	Fin Ray	4	0	Yellow	7197
ES0211	4	8413	Largescale sucker	420	954			0		
ES0211	4	8414	Longnose sucker	429	846			0		
ES0211	4	8415	Longnose sucker	451	1066			0		
ES0211	4	8419	Longnose sucker	397	726			0		
ES0211	4	8416	Longnose sucker	352	518			0		
ES0211	4	8417	Longnose sucker	429	950			0		
ES0211	4	8418	Longnose sucker	380	684			0		
ES0211	4	8412	Longnose sucker	378	782			0		
ES0211	4	8446	Mountain whitefish	285	338	Scale		0	Yellow	7214
ES0211	4	8449	Mountain whitefish	277	216	Scale		0	Yellow	7216
ES0211	4	8441	Mountain whitefish	362	418	Scale		0	Yellow	7209
ES0211	4	8451	Mountain whitefish	230	126	Scale		0		
ES0211	4	8452	Mountain whitefish	278	222	Scale		0	Yellow	7217
ES0211	4	8429	Mountain whitefish	306	308	Scale		0	Yellow	7199
ES0211	4	8437	Mountain whitefish	331	390	Scale		0	Yellow	7205
ES0211	4	8448	Mountain whitefish	277	246	Scale		0	Yellow	7215
ES0211	4	8440	Mountain whitefish	327	352	Scale		0	Yellow	7208
ES0211	4	8436	Mountain whitefish	316	318	Scale		0	Yellow	7204
ES0211	4	8445	Mountain whitefish	237	172	Scale		0		
ES0211	4	8453	Mountain whitefish	248	158	Scale		0		
ES0211	4	8430	Mountain whitefish	283	236	Scale		0	Yellow	7200
ES0211	4	8431	Mountain whitefish	320	330			2	Yellow	4231
ES0211	4	8427	Mountain whitefish	315				3	Yellow	4048
ES0211	4	8447	Mountain whitefish	240	146	Scale		0		
ES0211	4	8428	Mountain whitefish	346	426	Scale		0	Yellow	7198
ES0211	4	8435	Mountain whitefish	307	286	Scale		0	Yellow	7203
ES0211	4	8439	Mountain whitefish	310	314	Scale		0	Yellow	7207
ES0211	4	8432	Mountain whitefish	307	276			2	Yellow	4051
ES0211	4	8433	Mountain whitefish	300	276	Scale		0	Yellow	7201
ES0211	4	8438	Mountain whitefish	320	316	Scale		0	Yellow	7206
ES0211	4	8450	Mountain whitefish	198	84	Scale		0		
ES0211	4	8442	Mountain whitefish	320	326	Scale		0	Yellow	7210
ES0211	4	8443	Mountain whitefish	297	298	Scale		0	Yellow	7211
ES0211	4	8434	Mountain whitefish	364	456	Scale		0	Yellow	7202
ES0211	4	8444	Mountain whitefish	315	324	Scale		0	Yellow	7213
ES0211	4	8424	Northern pikeminnow	277	256			0		
ES0211	4	8420	Rainbow trout	328	560			0		
ES0211	4	8422	Rainbow trout	323	430			0		
ES0211	4	8423	Rainbow trout	290	276			0		
ES0211	4	8421	Rainbow trout	397	660			0		
ES0211	5	10401	Mountain whitefish	336				2	Yellow	2806
ES0211	5	10402	Mountain whitefish	289				2	Yellow	2790
ES0211	6	12160	Bull trout	387	552	Fin Ray	4	0	Yellow	7897
ES0211	6	12161	Bull trout	343	378	Fin Ray	3	0	Yellow	7898
ES0211	6	12207	Mountain whitefish	272				2	Yellow	2804
ES0211	6	12210	Mountain whitefish	304				2	Yellow	5744
ES0211	6	12211	Mountain whitefish	282				2	Yellow	5767
ES0211	6	12209	Mountain whitefish	328				2	Yellow	7228
ES0211	6	12208	Mountain whitefish	350				2	Yellow	5830
ES0211	6	12206	Mountain whitefish	308				2	Yellow	7203
ES0211	6	12205	Mountain whitefish	325				2	Yellow	7210
ES0211	6	12204	Mountain whitefish	274				2	Yellow	2795
ES0211	6	12202	Mountain whitefish	312				2	Yellow	7204
ES0211	6	12201	Mountain whitefish	330				2	Yellow	7205
ES0211	6	12203	Rainbow trout	365				2	Yellow	4058
ES0212	1	1282	Largescale sucker	485	1416			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0212	1	1321	Largescale sucker	478	1610			0		
ES0212	1	1283	Largescale sucker	489	1494			0		
ES0212	1	1281	Longnose sucker	435	916			0		
ES0212	1	1304	Mountain whitefish	327	352	Scale	5	0	Yellow	2826
ES0212	1	1286	Mountain whitefish	361	494	Scale		0	Yellow	2808
ES0212	1	1307	Mountain whitefish	283	236	Scale	3	0	Yellow	2829
ES0212	1	1315	Mountain whitefish	184	64	Scale		0		
ES0212	1	1314	Mountain whitefish	200	84	Scale		0		
ES0212	1	1308	Mountain whitefish	306	278	Scale		0	Yellow	2830
ES0212	1	1313	Mountain whitefish	198	78	Scale		0		
ES0212	1	1312	Mountain whitefish	318	352	Scale		0		
ES0212	1	1311	Mountain whitefish	302	276	Scale		0	Yellow	2833
ES0212	1	1318	Mountain whitefish	317	302	Scale		0	Yellow	2835
ES0212	1	1298	Mountain whitefish	322	326	Scale		0	Yellow	2820
ES0212	1	1310	Mountain whitefish	332	380	Scale		0	Yellow	2832
ES0212	1	1305	Mountain whitefish	335	380	Scale		0	Yellow	2827
ES0212	1	1309	Mountain whitefish	332	364	Scale		0	Yellow	2831
ES0212	1	1299	Mountain whitefish	300	332	Scale	5	0	Yellow	2821
ES0212	1	1293	Mountain whitefish	324	346	Scale		0	Yellow	2815
ES0212	1	1294	Mountain whitefish	315	300	Scale		0	Yellow	2816
ES0212	1	1316	Mountain whitefish	217	106	Scale		0		
ES0212	1	1306	Mountain whitefish	270	218	Scale		0	Yellow	2828
ES0212	1	1319	Mountain whitefish	381	540	Scale		0	Yellow	2836
ES0212	1	1301	Mountain whitefish	338	366	Scale		0	Yellow	2823
ES0212	1	1302	Mountain whitefish	330	400	Scale		0	Yellow	2824
ES0212	1	1303	Mountain whitefish	280	218	Scale		0	Yellow	2825
ES0212	1	1300	Mountain whitefish	283	234	Scale		0	Yellow	2822
ES0212	1	1320	Mountain whitefish	291	274	Scale		0	Yellow	2837
ES0212	1	1317	Mountain whitefish	286	244	Scale		0	Yellow	2834
ES0212	1	1296	Mountain whitefish	332	366	Scale		0	Yellow	2818
ES0212	1	1288	Mountain whitefish	292	270	Scale		0	Yellow	2810
ES0212	1	1297	Mountain whitefish	344	418	Scale		0	Yellow	2819
ES0212	1	1285	Mountain whitefish	291	282	Scale		0		
ES0212	1	1287	Mountain whitefish	366	478	Scale		0	Yellow	2809
ES0212	1	1289	Mountain whitefish	301	314	Scale		0	Yellow	2811
ES0212	1	1290	Mountain whitefish	307	304	Scale		0	Yellow	2812
ES0212	1	1291	Mountain whitefish	341	380	Scale	5	0	Yellow	2813
ES0212	1	1292	Mountain whitefish	310	332	Scale		0	Yellow	2814
ES0212	1	1284	Mountain whitefish	445				2	Yellow	2754
ES0212	1	1295	Mountain whitefish	288	250	Scale		0	Yellow	2817
ES0212	1	1280	Walleye	485	1178			0		
ES0212	2	3250	Largescale sucker	455	1146			0		
ES0212	2	3252	Largescale sucker	383	808			0		
ES0212	2	3254	Largescale sucker	503	1596			0		
ES0212	2	3255	Largescale sucker	437	964			0		
ES0212	2	3256	Largescale sucker	436	992			0		
ES0212	2	3253	Longnose sucker	440	1032			0		
ES0212	2	3251	Longnose sucker	435	1040			0		
ES0212	2	3272	Mountain whitefish	291	274	Scale		0	Yellow	4072
ES0212	2	3259	Mountain whitefish	335	398	Scale		0	Yellow	4061
ES0212	2	3274	Mountain whitefish	333	408	Scale		0	Yellow	4074
ES0212	2	3269	Mountain whitefish	315	330	Scale		0	Yellow	4070
ES0212	2	3261	Mountain whitefish	385	256	Scale		0	Yellow	4063
ES0212	2	3262	Mountain whitefish	334	376	Scale		2	Yellow	2827
ES0212	2	3265	Mountain whitefish	306	310	Scale		0	Yellow	4066
ES0212	2	3273	Mountain whitefish	343	398	Scale		0	Yellow	4073
ES0212	2	3263	Mountain whitefish	308	288	Scale		0	Yellow	4064
ES0212	2	3264	Mountain whitefish	318	340	Scale		0	Yellow	4065
ES0212	2	3271	Mountain whitefish	290	276	Scale		2	Yellow	2837
ES0212	2	3275	Mountain whitefish	328	364	Scale		0	Yellow	4075
ES0212	2	3266	Mountain whitefish	327	398	Scale		0	Yellow	4067
ES0212	2	3267	Mountain whitefish	334	372	Scale		0	Yellow	4068
ES0212	2	3268	Mountain whitefish	333	378	Scale		0	Yellow	4069
ES0212	2	3270	Mountain whitefish	293	218	Scale		0	Yellow	4071
ES0212	2	3257	Mountain whitefish	411	672	Scale		0	Yellow	4059
ES0212	2	3260	Mountain whitefish	344	472	Scale		0	Yellow	4062
ES0212	2	3258	Mountain whitefish	358	412	Scale		0	Yellow	4060
ES0212	3	5940	Arctic grayling	407	776	Scale	5	0	Yellow	5741
ES0212	3	5946	Kokanee	133	19			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 2											
ES0212	3	5910	Longnose sucker	400	760			0			
ES0212	3	5911	Longnose sucker	362	612			0			
ES0212	3	5909	Longnose sucker	376	716			0			
ES0212	3	5907	Longnose sucker	408	950			0			
ES0212	3	5928	Longnose sucker	379	784			0			
ES0212	3	5927	Longnose sucker	407	830			0			
ES0212	3	5906	Longnose sucker	382	706			0			
ES0212	3	5914	Longnose sucker	392	784			0			
ES0212	3	5905	Longnose sucker	470	1152			0			
ES0212	3	5962	Mountain whitefish	290	256	Scale		0	Yellow	5758	
ES0212	3	5949	Mountain whitefish	337	380	Scale		0	Yellow	5748	
ES0212	3	5948	Mountain whitefish	326	360	Scale		0	Yellow	5747	
ES0212	3	5912	Mountain whitefish	301				2	Yellow	4229	
ES0212	3	5944	Mountain whitefish	296	274	Scale		0	Yellow	5744	
ES0212	3	5918	Mountain whitefish	357				2	Yellow	5721	
ES0212	3	5953	Mountain whitefish	317	300	Scale		0	Yellow	5751	
ES0212	3	5934	Mountain whitefish	153	34	Scale		0			
ES0212	3	5947	Mountain whitefish	325	348	Scale		0	Yellow	5746	
ES0212	3	5908	Mountain whitefish	296	230	Scale		0	Yellow	5722	
ES0212	3	5915	Mountain whitefish	309	314	Scale		0	Yellow	5723	
ES0212	3	5919	Mountain whitefish	323				2	Yellow	5710	
ES0212	3	5902	Mountain whitefish	363	422	Scale		0			
ES0212	3	5950	Mountain whitefish	367	472	Scale		0	Yellow	5749	
ES0212	3	5913	Mountain whitefish	360				2	Yellow	2808	
ES0212	3	5903	Mountain whitefish	296	280	Scale		1			
ES0212	3	5916	Mountain whitefish	314	330	Scale		0	Yellow	5724	
ES0212	3	5917	Mountain whitefish	337	382	Scale		0	Yellow	5725	
ES0212	3	5942	Mountain whitefish	310				2	Yellow	5718	
ES0212	3	5961	Mountain whitefish	195	80	Scale		0			
ES0212	3	5951	Mountain whitefish	307	270	Scale		0	Yellow	5750	
ES0212	3	5932	Mountain whitefish	330	434	Scale	6	0	Yellow	5734	
ES0212	3	5945	Mountain whitefish	356	425	Scale		0	Yellow	5745	
ES0212	3	5924	Mountain whitefish	327	378	Scale		0	Yellow	5729	
ES0212	3	5921	Mountain whitefish	323	350	Scale		0	Yellow	5726	
ES0212	3	5963	Mountain whitefish	333	408	Scale		0	Yellow	5759	
ES0212	3	5929	Mountain whitefish	428	720	Scale		0	Yellow	5732	
ES0212	3	5925	Mountain whitefish	356	482	Scale		0	Yellow	5730	
ES0212	3	5931	Mountain whitefish	308	308	Scale		0	Yellow	5733	
ES0212	3	5943	Mountain whitefish	327	342	Scale		0	Yellow	5743	
ES0212	3	5933	Mountain whitefish	341	438	Scale		0	Yellow	5735	
ES0212	3	5938	Mountain whitefish	332	372	Scale		0	Yellow	5739	
ES0212	3	5937	Mountain whitefish	277	240	Scale		0	Yellow	5738	
ES0212	3	5936	Mountain whitefish	324	356	Scale	6	0	Yellow	5737	
ES0212	3	5935	Mountain whitefish	311	298	Scale		0	Yellow	5736	
ES0212	3	5926	Mountain whitefish	320	358	Scale		0	Yellow	5731	
ES0212	3	5952	Mountain whitefish	307	294	Scale		0			
ES0212	3	5920	Mountain whitefish	299				2	Yellow	2811	
ES0212	3	5922	Mountain whitefish	323	340	Scale		0	Yellow	5727	
ES0212	3	5923	Mountain whitefish	344	458	Scale		0	Yellow	5728	
ES0212	3	5904	Mountain whitefish	332	414	Scale		0			
ES0212	3	5954	Mountain whitefish	260	198	Scale		0	Yellow	5752	
ES0212	3	5941	Mountain whitefish	300	270	Scale		0	Yellow	5742	
ES0212	3	5955	Mountain whitefish	290	264	Scale		0	Yellow	5753	
ES0212	3	5956	Mountain whitefish	218	112	Scale		0			
ES0212	3	5957	Mountain whitefish	272	208	Scale		0	Yellow	5754	
ES0212	3	5965	Mountain whitefish	332	306	Scale		0	Yellow	5761	
ES0212	3	5939	Mountain whitefish	343	388	Scale		0	Yellow	5740	
ES0212	3	5959	Mountain whitefish	254	172	Scale		0	Yellow	5756	
ES0212	3	5964	Mountain whitefish	337	380	Scale		0	Yellow	5760	
ES0212	3	5966	Mountain whitefish	197	84	Scale		0			
ES0212	3	5967	Mountain whitefish	210	100	Scale		0			
ES0212	3	5958	Mountain whitefish	334	352	Scale		0	Yellow	5755	
ES0212	3	5960	Mountain whitefish	252	162	Scale		0	Yellow	5757	
ES0212	3	5930	Rainbow trout	354	574			0			
ES0212	4	8408	Bull trout	354	440	Fin Ray		3	0	Yellow	7193
ES0212	4	8384	Largescale sucker	416	956			0			
ES0212	4	8403	Longnose sucker	392	666			0			
ES0212	4	8402	Longnose sucker	391	800			0			
ES0212	4	8404	Mountain whitefish	312	312	Scale		0	Yellow	7189	



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0212	4	8393	Mountain whitefish	291	282	Scale		0	Yellow	7181
ES0212	4	8410	Mountain whitefish	318	352	Scale		0	Yellow	7195
ES0212	4	8409	Mountain whitefish	276	224	Scale		0	Yellow	7194
ES0212	4	8407	Mountain whitefish	328	374	Scale		0	Yellow	7192
ES0212	4	8406	Mountain whitefish	315	322	Scale		0	Yellow	7191
ES0212	4	8398	Mountain whitefish	312	326	Scale		0	Yellow	7185
ES0212	4	8411	Mountain whitefish	318	318	Scale		0	Yellow	7196
ES0212	4	8386	Mountain whitefish	315	316	Scale		0	Yellow	7176
ES0212	4	8380	Mountain whitefish	331	352			2	Yellow	5755
ES0212	4	8375	Mountain whitefish	322	400			2	Yellow	2824
ES0212	4	8378	Mountain whitefish	303	314			2	Yellow	5723
ES0212	4	8377	Mountain whitefish	314	300			2	Yellow	2835
ES0212	4	8376	Mountain whitefish	320	374			2	Yellow	5729
ES0212	4	8379	Mountain whitefish	330	378			2	Yellow	4068
ES0212	4	8381	Mountain whitefish	308	282			2	Yellow	5750
ES0212	4	8394	Mountain whitefish	319	340	Scale		0	Yellow	7182
ES0212	4	8385	Mountain whitefish	236	156	Scale		0		
ES0212	4	8395	Mountain whitefish	277	224	Scale		0	Yellow	7183
ES0212	4	8387	Mountain whitefish	332	406			2	Yellow	5759
ES0212	4	8388	Mountain whitefish	294	294	Scale		0	Yellow	7177
ES0212	4	8389	Mountain whitefish	335	380	Scale		0	Yellow	7178
ES0212	4	8390	Mountain whitefish	298	264	Scale		0	Yellow	7179
ES0212	4	8391	Mountain whitefish	215	108	Scale		0		
ES0212	4	8382	Mountain whitefish	338	468	Scale		0		
ES0212	4	8392	Mountain whitefish	308	304	Scale		0	Yellow	7180
ES0212	4	8383	Mountain whitefish	286	278	Scale		0	Yellow	7175
ES0212	4	8396	Mountain whitefish	285	286	Scale		0	Yellow	7184
ES0212	4	8397	Mountain whitefish	314	286	Scale		0		
ES0212	4	8399	Mountain whitefish	325	400	Scale		0	Yellow	7186
ES0212	4	8400	Mountain whitefish	318	326	Scale		0	Yellow	7187
ES0212	4	8401	Mountain whitefish	338	376	Scale		0	Yellow	7188
ES0212	4	8405	Mountain whitefish	316	364	Scale		0	Yellow	7190
ES0212	5	10403	Bull trout	461	976	Fin Ray	5	0	Yellow	7877
ES0212	5	10419	Mountain whitefish	445				2	Yellow	5705
ES0212	5	10422	Mountain whitefish	310				2	Yellow	7180
ES0212	5	10417	Mountain whitefish	290				2	Yellow	2817
ES0212	5	10418	Mountain whitefish	328				2	Yellow	5729
ES0212	5	10420	Mountain whitefish	345				2	Yellow	2819
ES0212	5	10421	Mountain whitefish	328				2	Yellow	5746
ES0212	6	12212	Bull trout	554	1684	Fin Ray	6	0	Yellow	7899
ES0212	6	12253	Mountain whitefish	302				2	Yellow	2833
ES0212	6	12252	Mountain whitefish	433				2	Yellow	5708
ES0212	6	12248	Mountain whitefish	326				2	Yellow	7186
ES0212	6	12249	Mountain whitefish	307				2	Yellow	5750
ES0212	6	12250	Mountain whitefish	298				2	Yellow	2812
ES0212	6	12251	Mountain whitefish	303				2	Yellow	2811
ES0213	1	1327	Arctic grayling	352	626	Scale	3	0	Yellow	2839
ES0213	1	1326	Bull trout	482				2	Yellow	2698
ES0213	1	1322	Largescale sucker	545	1860			0		
ES0213	1	1324	Largescale sucker	417	842			0		
ES0213	1	1342	Mountain whitefish	342		Scale		0		
ES0213	1	1338	Mountain whitefish	271	212	Scale		0	Yellow	2848
ES0213	1	1349	Mountain whitefish	268	180	Scale		0	Yellow	2854
ES0213	1	1348	Mountain whitefish	335	396	Scale		0	Yellow	2853
ES0213	1	1347	Mountain whitefish	248	166	Scale		0		
ES0213	1	1346	Mountain whitefish	335	336	Scale	6	0	Yellow	2852
ES0213	1	1339	Mountain whitefish	322	328	Scale	6	0	Yellow	2849
ES0213	1	1344	Mountain whitefish	287	272	Scale		0		
ES0213	1	1340	Mountain whitefish	312	322	Scale		0	Yellow	2850
ES0213	1	1351	Mountain whitefish	278	224	Scale		0	Yellow	2856
ES0213	1	1343	Mountain whitefish	187	68	Scale		0		
ES0213	1	1337	Mountain whitefish	151	34	Scale		0		
ES0213	1	1336	Mountain whitefish	224	126	Scale		0		
ES0213	1	1335	Mountain whitefish	320	334	Scale		0	Yellow	2847
ES0213	1	1334	Mountain whitefish	418	684	Scale		0	Yellow	2846
ES0213	1	1345	Mountain whitefish	388	592	Scale		0	Yellow	2851
ES0213	1	1352	Mountain whitefish	322	322	Scale		0	Yellow	2857
ES0213	1	1333	Mountain whitefish	336	368	Scale		0	Yellow	2844
ES0213	1	1361	Mountain whitefish	348	418	Scale	7	0	Yellow	2866

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0213	1	1366	Mountain whitefish	372	498	Scale		0	Yellow	2871
ES0213	1	1365	Mountain whitefish	355	404	Scale		0	Yellow	2870
ES0213	1	1364	Mountain whitefish	328	330	Scale		0	Yellow	2869
ES0213	1	1362	Mountain whitefish	268	204	Scale		0	Yellow	2867
ES0213	1	1360	Mountain whitefish	311	298	Scale		0	Yellow	2865
ES0213	1	1367	Mountain whitefish	345	450	Scale		0	Yellow	2872
ES0213	1	1358	Mountain whitefish	311	304	Scale		0	Yellow	2863
ES0213	1	1359	Mountain whitefish	332	360	Scale		0	Yellow	2864
ES0213	1	1356	Mountain whitefish	373	532	Scale		0	Yellow	2861
ES0213	1	1355	Mountain whitefish	293	258	Scale		0	Yellow	2860
ES0213	1	1354	Mountain whitefish	340	422	Scale		0	Yellow	2859
ES0213	1	1363	Mountain whitefish	307	364	Scale		0	Yellow	2868
ES0213	1	1370	Mountain whitefish	306	298	Scale		0	Yellow	2875
ES0213	1	1353	Mountain whitefish	273	206	Scale		0	Yellow	2858
ES0213	1	1341	Mountain whitefish	222	112	Scale		0	Yellow	2845
ES0213	1	1329	Mountain whitefish	340	404	Scale		0	Yellow	2841
ES0213	1	1323	Mountain whitefish	371	518	Scale		0		
ES0213	1	1357	Mountain whitefish	315	326	Scale		0	Yellow	2862
ES0213	1	1368	Mountain whitefish	295	244	Scale		0	Yellow	2873
ES0213	1	1328	Mountain whitefish	377	514	Scale		0	Yellow	2840
ES0213	1	1330	Mountain whitefish	429	886	Scale		0	Yellow	2842
ES0213	1	1331	Mountain whitefish	372	464	Scale		0		
ES0213	1	1325	Mountain whitefish	315	340	Scale		0	Yellow	2838
ES0213	1	1369	Mountain whitefish	315	314	Scale		0	Yellow	2874
ES0213	1	1332	Mountain whitefish	326	342	Scale		0	Yellow	2843
ES0213	1	1350	Mountain whitefish	352	426	Scale		0	Yellow	2855
ES0213	2	3537	Mountain whitefish	385	574	Scale	8	0	Yellow	4269
ES0213	2	3544	Mountain whitefish	297	292	Scale		0	Yellow	4276
ES0213	2	3543	Mountain whitefish	302	290	Scale		0	Yellow	4275
ES0213	2	3542	Mountain whitefish	318	328	Scale		0	Yellow	4274
ES0213	2	3541	Mountain whitefish	319	360	Scale		0	Yellow	4273
ES0213	2	3540	Mountain whitefish	326	364	Scale		0	Yellow	4272
ES0213	2	3538	Mountain whitefish	303	276	Scale		0	Yellow	4270
ES0213	2	3535	Mountain whitefish	347	398	Scale		0	Yellow	4267
ES0213	2	3536	Mountain whitefish	311	306	Scale		0	Yellow	4268
ES0213	2	3534	Mountain whitefish	343	410	Scale		1		
ES0213	2	3545	Mountain whitefish	251	158	Scale		0		
ES0213	2	3539	Mountain whitefish	308	294	Scale		0	Yellow	4271
ES0213	3	5826	Mountain whitefish	315	328	Scale		0	Yellow	5660
ES0213	3	5865	Mountain whitefish	305	306	Scale		0	Yellow	5694
ES0213	3	5844	Mountain whitefish	313	308	Scale		0	Yellow	5673
ES0213	3	5831	Mountain whitefish	445	1062	Scale		0		
ES0213	3	5845	Mountain whitefish	270	242	Scale		0	Yellow	5674
ES0213	3	5846	Mountain whitefish	354	424	Scale		0	Yellow	5675
ES0213	3	5823	Mountain whitefish	348				2	Yellow	4215
ES0213	3	5842	Mountain whitefish	279				2	Yellow	2706
ES0213	3	5825	Mountain whitefish	381	560	Scale		0	Yellow	5659
ES0213	3	5841	Mountain whitefish	340	412	Scale		0	Yellow	5672
ES0213	3	5847	Mountain whitefish	341	396	Scale		0	Yellow	5676
ES0213	3	5854	Mountain whitefish	281	236	Scale		0	Yellow	5683
ES0213	3	5849	Mountain whitefish	296	300	Scale		0	Yellow	5678
ES0213	3	5855	Mountain whitefish	274				0	Yellow	5684
ES0213	3	5861	Mountain whitefish	305	300	Scale		0	Yellow	5690
ES0213	3	5853	Mountain whitefish	315	342	Scale		0	Yellow	5682
ES0213	3	5824	Mountain whitefish	360	496	Scale		0	Yellow	5658
ES0213	3	5869	Mountain whitefish	311	358	Scale		0	Yellow	5698
ES0213	3	5839	Mountain whitefish	316	338	Scale	5	0	Yellow	5670
ES0213	3	5862	Mountain whitefish	396	606	Scale		0	Yellow	5691
ES0213	3	5873	Mountain whitefish	359	554	Scale		0	Yellow	5702
ES0213	3	5868	Mountain whitefish	324	374	Scale		0	Yellow	5697
ES0213	3	5863	Mountain whitefish	367	526	Scale		0	Yellow	5692
ES0213	3	5864	Mountain whitefish	326	352	Scale		0	Yellow	5693
ES0213	3	5843	Mountain whitefish	246	164	Scale		0		
ES0213	3	5867	Mountain whitefish	332	346	Scale		0	Yellow	5696
ES0213	3	5827	Mountain whitefish	297	286	Scale		0	Yellow	5661
ES0213	3	5870	Mountain whitefish	360	452	Scale		0	Yellow	5699
ES0213	3	5872	Mountain whitefish	346	484	Scale		0	Yellow	5701
ES0213	3	5874	Mountain whitefish	304	344	Scale		0	Yellow	5703
ES0213	3	5852	Mountain whitefish	338	370	Scale	6	0	Yellow	5681

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0213	3	5871	Mountain whitefish	251	164	Scale		0	Yellow	5700
ES0213	3	5850	Mountain whitefish	338	396	Scale	6	0	Yellow	5679
ES0213	3	5866	Mountain whitefish	302	322	Scale		0	Yellow	5695
ES0213	3	5836	Mountain whitefish	364	582	Scale		0	Yellow	5668
ES0213	3	5858	Mountain whitefish	283	234	Scale		0	Yellow	5687
ES0213	3	5856	Mountain whitefish	302	290	Scale		0	Yellow	5685
ES0213	3	5828	Mountain whitefish	442	934	Scale		0	Yellow	5662
ES0213	3	5859	Mountain whitefish	304	336	Scale		0	Yellow	5688
ES0213	3	5829	Mountain whitefish	337	452	Scale		0	Yellow	5663
ES0213	3	5857	Mountain whitefish	316	362	Scale		0	Yellow	5686
ES0213	3	5860	Mountain whitefish	310	360	Scale		0	Yellow	5689
ES0213	3	5838	Mountain whitefish	347	170	Scale		0		
ES0213	3	5837	Mountain whitefish	336	402	Scale		0	Yellow	5669
ES0213	3	5830	Mountain whitefish	239	136	Scale		0	Yellow	5664
ES0213	3	5835	Mountain whitefish	339	408	Scale		0	Yellow	5667
ES0213	3	5834	Mountain whitefish	333	392	Scale		0	Yellow	5666
ES0213	3	5832	Mountain whitefish	308	346	Scale		0		
ES0213	3	5840	Mountain whitefish	314	344	Scale		0	Yellow	5671
ES0213	3	5848	Mountain whitefish	307	326	Scale	5	0	Yellow	5677
ES0213	3	5851	Mountain whitefish	326	344	Scale		0	Yellow	5680
ES0213	3	5833	Mountain whitefish	316	310	Scale		0	Yellow	5665
ES0213	4	8085	Arctic grayling	338	514	Scale	3	0	Yellow	7000
ES0213	4	8063	Largescale sucker	247	186			0		
ES0213	4	8060	Largescale sucker	422	984			0		
ES0213	4	8061	Largescale sucker	500	1568			0		
ES0213	4	8065	Mountain whitefish	297	334	Scale		0		
ES0213	4	8066	Mountain whitefish	319	346	Scale		0	Yellow	6984
ES0213	4	8067	Mountain whitefish	298	290	Scale		0	Yellow	6985
ES0213	4	8068	Mountain whitefish	304	282	Scale		0	Yellow	6986
ES0213	4	8069	Mountain whitefish	301	368	Scale		0	Yellow	6987
ES0213	4	8070	Mountain whitefish	351	440	Scale		0	Yellow	6988
ES0213	4	8062	Mountain whitefish	209	104	Scale		0		
ES0213	4	8064	Mountain whitefish	293	294	Scale		0		
ES0213	4	8072	Mountain whitefish	306	300	Scale		0	Yellow	6990
ES0213	4	8071	Mountain whitefish	322	304	Scale		0	Yellow	6989
ES0213	4	8086	Mountain whitefish	273	240	Scale		0	Yellow	7001
ES0213	4	8090	Mountain whitefish	237	144	Scale		0		
ES0213	4	8075	Mountain whitefish	308		Scale		0	Yellow	6993
ES0213	4	8074	Mountain whitefish	304	416	Scale		0	Yellow	6992
ES0213	4	8080	Mountain whitefish	228	122	Scale		0		
ES0213	4	8082	Mountain whitefish	306	300	Scale		0	Yellow	6997
ES0213	4	8077	Mountain whitefish	291	250	Scale		0	Yellow	6995
ES0213	4	8084	Mountain whitefish	345	480	Scale		0	Yellow	6999
ES0213	4	8087	Mountain whitefish	313	304	Scale		0	Yellow	7002
ES0213	4	8094	Mountain whitefish	328	390	Scale	5	0	Yellow	7008
ES0213	4	8088	Mountain whitefish	327	364	Scale		0	Yellow	7003
ES0213	4	8093	Mountain whitefish	350	432	Scale		0	Yellow	7007
ES0213	4	8091	Mountain whitefish	385	502	Scale		0	Yellow	7005
ES0213	4	8089	Mountain whitefish	317	318	Scale		0	Yellow	7004
ES0213	4	8092	Mountain whitefish	399	636	Scale		0	Yellow	7006
ES0213	4	8083	Mountain whitefish	302	308	Scale		0	Yellow	6998
ES0213	4	8076	Mountain whitefish	327	352	Scale		0	Yellow	6994
ES0213	4	8073	Mountain whitefish	336	436	Scale	7	0	Yellow	6991
ES0213	4	8081	Mountain whitefish	315				2	Yellow	5673
ES0213	4	8079	Mountain whitefish	326	380	Scale		0	Yellow	6996
ES0213	4	8078	Rainbow trout	338	480			0		
ES0213	5	10458	Mountain whitefish	257				2	Yellow	5560
ES0213	5	10459	Mountain whitefish	336				2	Yellow	2852
ES0213	5	10457	Mountain whitefish	370				2	Yellow	5692
ES0213	5	10456	Mountain whitefish	344				2	Yellow	2859
ES0213	6	11988	Mountain whitefish	339				2	Yellow	2853
ES0213	6	11989	Mountain whitefish	300				2	Yellow	6997
ES0214	1	1374	Bull trout	339	374	Fin Ray	4	0	Yellow	2876
ES0214	1	1373	Largescale sucker	462	1204			0		
ES0214	1	1372	Longnose sucker	384	652			0		
ES0214	1	1371	Longnose sucker	366	594			0		
ES0214	1	1384	Longnose sucker	275	294			0		
ES0214	1	1376	Mountain whitefish	382	582	Scale		0	Yellow	2878
ES0214	1	1379	Mountain whitefish	280	220	Scale		0	Yellow	2880

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0214	1	1378	Mountain whitefish	309	336	Scale		0	Yellow	2879
ES0214	1	1382	Mountain whitefish	336	380	Scale		0	Yellow	2883
ES0214	1	1375	Mountain whitefish	312	316	Scale		0	Yellow	2877
ES0214	1	1381	Mountain whitefish	443	1004	Scale		0	Yellow	2882
ES0214	1	1389	Mountain whitefish	147	32	Scale		0		
ES0214	1	1377	Mountain whitefish	246	162	Scale		0		
ES0214	1	1383	Mountain whitefish	310	306	Scale		0	Yellow	2884
ES0214	1	1385	Mountain whitefish	320	282	Scale		0	Yellow	2885
ES0214	1	1386	Mountain whitefish	349	396	Scale		0	Yellow	2886
ES0214	1	1388	Mountain whitefish	195	78	Scale		0		
ES0214	1	1380	Mountain whitefish	323	322	Scale		0	Yellow	2881
ES0214	1	1387	Mountain whitefish	238	150	Scale		0		
ES0214	2	3214	Mountain whitefish	309	358	Scale		0	Yellow	4043
ES0214	2	3217	Mountain whitefish	316	234	Scale		0	Yellow	4045
ES0214	2	3216	Mountain whitefish	195	78	Scale		0		
ES0214	2	3215	Mountain whitefish	322	328	Scale		0	Yellow	4044
ES0214	2	3219	Mountain whitefish	153	32	Scale		0		
ES0214	2	3218	Mountain whitefish	337	354	Scale		0	Yellow	4046
ES0214	2	3213	Mountain whitefish	306	286	Scale		0	Yellow	4042
ES0214	2	3221	Mountain whitefish	245	148	Scale		0		
ES0214	2	3211	Mountain whitefish	324	370	Scale		0	Yellow	4040
ES0214	2	3210	Mountain whitefish	460	1136	Scale		0	Yellow	4039
ES0214	2	3212	Mountain whitefish	315	340	Scale		0	Yellow	4041
ES0214	2	3220	Mountain whitefish	221	110	Scale		0		
ES0214	3	6071	Bull trout	352	456	Fin Ray	5	0	Yellow	5829
ES0214	3	6075	Bull trout	475	1178	Fin Ray	5	0	Yellow	5832
ES0214	3	6066	Largescale sucker	489	1460			0		
ES0214	3	6063	Longnose sucker	399	764			0		
ES0214	3	6073	Longnose sucker	348	496			0		
ES0214	3	6067	Longnose sucker	410	836			0		
ES0214	3	6065	Longnose sucker	411	964			0		
ES0214	3	6062	Longnose sucker	294	310			0		
ES0214	3	6064	Longnose sucker	397	734			0		
ES0214	3	6069	Mountain whitefish	326	368	Scale		0	Yellow	5827
ES0214	3	6077	Mountain whitefish	209	114	Scale		0		
ES0214	3	6081	Mountain whitefish	289	248	Scale		0	Yellow	5833
ES0214	3	6070	Mountain whitefish	319	376	Scale	5	0	Yellow	5828
ES0214	3	6072	Mountain whitefish	354	376	Scale		0	Yellow	5830
ES0214	3	6074	Mountain whitefish	319	350	Scale		0	Yellow	5831
ES0214	3	6076	Mountain whitefish	204	100	Scale	2	0		
ES0214	3	6078	Mountain whitefish	237	130	Scale		0		
ES0214	3	6079	Mountain whitefish	198	78	Scale		0		
ES0214	3	6068	Mountain whitefish	352	424	Scale		0	Yellow	5826
ES0214	3	6080	Mountain whitefish	136	34	Scale		0		
ES0214	3	6083	Mountain whitefish	377	562	Scale		0	Yellow	5834
ES0214	3	6084	Mountain whitefish	308	318	Scale		0	Yellow	5835
ES0214	3	6082	Rainbow trout	248	176			0		
ES0214	4	8013	Bull trout	234		Scale	2	0		
ES0214	4	8012	Kokanee	161	40			0		
ES0214	4	8011	Kokanee	134	22			0		
ES0214	4	7984	Largescale sucker	435	1084			0		
ES0214	4	7983	Largescale sucker	504	1424			0		
ES0214	4	7985	Longnose sucker	397	706			0		
ES0214	4	7998	Mountain whitefish	290		Scale		0	Yellow	6947
ES0214	4	7988	Mountain whitefish	315	320	Scale		0		
ES0214	4	7987	Mountain whitefish	366	440	Scale		0	Yellow	6939
ES0214	4	8009	Mountain whitefish	170	56	Scale		0		
ES0214	4	7989	Mountain whitefish	339	396	Scale		0	Yellow	6940
ES0214	4	7990	Mountain whitefish	316	326	Scale		0	Yellow	6941
ES0214	4	8005	Mountain whitefish	181	66	Scale		0		
ES0214	4	7991	Mountain whitefish	314	328	Scale		0	Yellow	6942
ES0214	4	8006	Mountain whitefish	169	54	Scale		0		
ES0214	4	7996	Mountain whitefish	285	244	Scale		0	Yellow	6946
ES0214	4	7995	Mountain whitefish	329	424	Scale		0		
ES0214	4	7999	Mountain whitefish	328	338	Scale		0	Yellow	6948
ES0214	4	8000	Mountain whitefish	278	228	Scale		0	Yellow	6949
ES0214	4	8010	Mountain whitefish	169	48	Scale		0		
ES0214	4	7986	Mountain whitefish	391	606	Scale		0	Yellow	6938
ES0214	4	8002	Mountain whitefish	206	96	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0214	4	7997	Mountain whitefish	245	156	Scale		0		
ES0214	4	8003	Mountain whitefish	206	94	Scale		0		
ES0214	4	8001	Mountain whitefish	245	162	Scale		0		
ES0214	4	8008	Mountain whitefish	151		Scale		0		
ES0214	4	8007	Mountain whitefish	191	80	Scale		0		
ES0214	4	7992	Mountain whitefish	311	302	Scale		0	Yellow	6943
ES0214	4	7993	Mountain whitefish	317	320	Scale		0	Yellow	6944
ES0214	4	8004	Mountain whitefish	250	162	Scale		0	Yellow	6950
ES0214	4	7994	Mountain whitefish	272	216	Scale		0	Yellow	6945
ES0214	5	10386	Mountain whitefish	325				2	Yellow	7254
ES0214	6	12157	Mountain whitefish	312				2	Yellow	7206
ES0214	6	12159	Mountain whitefish	308				2	Yellow	6943
ES0214	6	12158	Mountain whitefish	330				2	Yellow	4230
ES0215	1	1425	Bull trout	253	152	Scale	3	0	Yellow	2913
ES0215	1	1414	Bull trout	247	162	Scale	2	0		
ES0215	1	1413	Bull trout	214	94	Scale	2	0		
ES0215	1	1408	Longnose sucker	453	1036			0		
ES0215	1	1404	Longnose sucker	378	692			0		
ES0215	1	1427	Mountain whitefish	148	36	Scale		0		
ES0215	1	1422	Mountain whitefish	354	418	Scale		0	Yellow	2910
ES0215	1	1415	Mountain whitefish	318	314	Scale		0	Yellow	2906
ES0215	1	1416	Mountain whitefish	243	154	Scale		0		
ES0215	1	1417	Mountain whitefish	340	428	Scale		0		
ES0215	1	1418	Mountain whitefish	328	390	Scale		0	Yellow	2907
ES0215	1	1419	Mountain whitefish	235	136	Scale		0		
ES0215	1	1421	Mountain whitefish	277	204	Scale		0	Yellow	2909
ES0215	1	1410	Mountain whitefish	345	392	Scale		0	Yellow	2903
ES0215	1	1423	Mountain whitefish	316	314	Scale		0	Yellow	2911
ES0215	1	1420	Mountain whitefish	284	246	Scale		0	Yellow	2908
ES0215	1	1426	Mountain whitefish	303	290	Scale		0	Yellow	2914
ES0215	1	1405	Mountain whitefish	364	420	Scale		0	Yellow	2900
ES0215	1	1409	Mountain whitefish	315	332	Scale		0	Yellow	2902
ES0215	1	1407	Mountain whitefish	270	208	Scale		0	Yellow	2901
ES0215	1	1424	Mountain whitefish	279	244	Scale		0	Yellow	2912
ES0215	1	1406	Mountain whitefish	292	286	Scale		0		
ES0215	1	1411	Mountain whitefish	305	304	Scale		4	Yellow	2904
ES0215	1	1412	Mountain whitefish	297	242	Scale		0	Yellow	2905
ES0215	2	3549	Bull trout	345	438	Fin Ray	4	0	Yellow	4277
ES0215	2	3546	Largescale sucker	518	1592			0		
ES0215	2	3547	Longnose sucker	414	802			0		
ES0215	2	3548	Longnose sucker	377	734			0		
ES0215	2	3557	Mountain whitefish	344	414	Scale		0	Yellow	4284
ES0215	2	3553	Mountain whitefish	319	304	Scale		0	Yellow	4281
ES0215	2	3572	Mountain whitefish	350	408	Scale		0	Yellow	4296
ES0215	2	3558	Mountain whitefish	337	372			2	Yellow	2823
ES0215	2	3552	Mountain whitefish	327	364	Scale		0	Yellow	4280
ES0215	2	3551	Mountain whitefish	298	286	Scale		0	Yellow	4279
ES0215	2	3550	Mountain whitefish	360	436	Scale		0	Yellow	4278
ES0215	2	3559	Mountain whitefish	334	448	Scale		0	Yellow	4285
ES0215	2	3560	Mountain whitefish	312	222	Scale		0	Yellow	4286
ES0215	2	3554	Mountain whitefish	311	314	Scale		0	Yellow	4282
ES0215	2	3555	Mountain whitefish	248	160	Scale		0		
ES0215	2	3566	Mountain whitefish	285	268	Scale		0	Yellow	4290
ES0215	2	3556	Mountain whitefish	367	470	Scale		0	Yellow	4283
ES0215	2	3569	Mountain whitefish	310	298	Scale		0	Yellow	4293
ES0215	2	3561	Mountain whitefish	317	302	Scale		0	Yellow	4287
ES0215	2	3562	Mountain whitefish	287	274	Scale		0	Yellow	4288
ES0215	2	3563	Mountain whitefish	280	232	Scale	4	0		
ES0215	2	3564	Mountain whitefish	347	376			2	Yellow	2903
ES0215	2	3565	Mountain whitefish	327	388	Scale		0	Yellow	4289
ES0215	2	3571	Mountain whitefish	306	302	Scale		0	Yellow	4295
ES0215	2	3570	Mountain whitefish	303	264	Scale		0	Yellow	4294
ES0215	2	3567	Mountain whitefish	327	334	Scale		0	Yellow	4291
ES0215	2	3568	Mountain whitefish	296	320	Scale		0	Yellow	4292
ES0215	3	5814	Largescale sucker	458	1164			0		
ES0215	3	5813	Longnose sucker	437	1130			0		
ES0215	3	5802	Mountain whitefish	358	432	Scale		0	Yellow	5642
ES0215	3	5812	Mountain whitefish	303	286	Scale		0	Yellow	5652
ES0215	3	5801	Mountain whitefish	201	96	Scale		0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0215	3	5803	Mountain whitefish	290	280	Scale		0	Yellow	5643
ES0215	3	5804	Mountain whitefish	355	422	Scale		0	Yellow	5644
ES0215	3	5809	Mountain whitefish	352	442	Scale	6	0	Yellow	5649
ES0215	3	5805	Mountain whitefish	347	436	Scale		0	Yellow	5645
ES0215	3	5806	Mountain whitefish	314	330	Scale		0	Yellow	5646
ES0215	3	5807	Mountain whitefish	318	316	Scale		0	Yellow	5647
ES0215	3	5808	Mountain whitefish	274	224	Scale		0	Yellow	5648
ES0215	3	5810	Mountain whitefish	305	382	Scale		0	Yellow	5650
ES0215	3	5776	Mountain whitefish	281	226	Scale		0	Yellow	5620
ES0215	3	5811	Mountain whitefish	370	454	Scale		0	Yellow	5651
ES0215	3	5785	Mountain whitefish	415	786	Scale		0	Yellow	5627
ES0215	3	5768	Mountain whitefish	322	340	Scale		0	Yellow	5615
ES0215	3	5786	Mountain whitefish	378	602	Scale		0	Yellow	5628
ES0215	3	5796	Mountain whitefish	310	310	Scale		0	Yellow	5638
ES0215	3	5797	Mountain whitefish	189	66	Scale		0		
ES0215	3	5795	Mountain whitefish	370	526	Scale	6	0	Yellow	5637
ES0215	3	5793	Mountain whitefish	286	246	Scale		0	Yellow	5635
ES0215	3	5792	Mountain whitefish	305	306	Scale		0	Yellow	5634
ES0215	3	5791	Mountain whitefish	378	534	Scale		0	Yellow	5633
ES0215	3	5798	Mountain whitefish	350	414	Scale		0	Yellow	5639
ES0215	3	5760	Mountain whitefish	324	364	Scale		0	Yellow	5609
ES0215	3	5777	Mountain whitefish	412	716	Scale		0	Yellow	5621
ES0215	3	5789	Mountain whitefish	307	290	Scale		0	Yellow	5631
ES0215	3	5784	Mountain whitefish	330	344	Scale		0	Yellow	5626
ES0215	3	5783	Mountain whitefish	319	312	Scale		0	Yellow	5625
ES0215	3	5782	Mountain whitefish	335	368	Scale		0	Yellow	5624
ES0215	3	5781	Mountain whitefish	172	48	Scale		0		
ES0215	3	5780	Mountain whitefish	298	294	Scale		0	Yellow	5623
ES0215	3	5779	Mountain whitefish	325	338	Scale		0	Yellow	5622
ES0215	3	5799	Mountain whitefish	324	344	Scale		0	Yellow	5640
ES0215	3	5788	Mountain whitefish	288	284	Scale		0	Yellow	5630
ES0215	3	5790	Mountain whitefish	375	520	Scale		0	Yellow	5632
ES0215	3	5794	Mountain whitefish	405	636	Scale		0	Yellow	5636
ES0215	3	5787	Mountain whitefish	332	400	Scale		0	Yellow	5629
ES0215	3	5775	Mountain whitefish	382	518	Scale		0	Yellow	5619
ES0215	3	5766	Mountain whitefish	435	772	Scale		0	Yellow	5613
ES0215	3	5761	Mountain whitefish	310	324	Scale		0	Yellow	5610
ES0215	3	5774	Mountain whitefish	319	346	Scale		0	Yellow	5618
ES0215	3	5773	Mountain whitefish	332	350	Scale		0	Yellow	5617
ES0215	3	5772	Mountain whitefish	226	138	Scale		0		
ES0215	3	5771	Mountain whitefish	329	362	Scale		0	Yellow	5616
ES0215	3	5770	Mountain whitefish	224	116	Scale		0		
ES0215	3	5769	Mountain whitefish	321	364	Scale		0		
ES0215	3	5800	Mountain whitefish	348	424	Scale		0	Yellow	5641
ES0215	3	5764	Mountain whitefish	312	326	Scale		0	Yellow	5612
ES0215	3	5765	Mountain whitefish	228	150	Scale		0		
ES0215	3	5778	Mountain whitefish	239	144	Scale		0		
ES0215	3	5762	Mountain whitefish	400	626			0	Yellow	5611
ES0215	3	5767	Mountain whitefish	408	694	Scale		0	Yellow	5614
ES0215	3	5763	Mountain whitefish	346	424	Scale		0		
ES0215	4	8050	Longnose sucker	460	1124			0		
ES0215	4	8052	Longnose sucker	328	456			0		
ES0215	4	8051	Longnose sucker	396	796			0		
ES0215	4	8045	Mountain whitefish	341	380	Scale		0	Yellow	6975
ES0215	4	8024	Mountain whitefish	310	300	Scale		0	Yellow	6956
ES0215	4	8027	Mountain whitefish	266	204	Scale		0	Yellow	6959
ES0215	4	8029	Mountain whitefish	344		Scale		0	Yellow	6961
ES0215	4	8030	Mountain whitefish	300	302	Scale		0	Yellow	6962
ES0215	4	8044	Mountain whitefish	269	232	Scale		0	Yellow	6974
ES0215	4	8026	Mountain whitefish	280	234	Scale		0	Yellow	6958
ES0215	4	8039	Mountain whitefish	329	352	Scale		0	Yellow	6969
ES0215	4	8018	Mountain whitefish	269	196	Scale	5	0	Yellow	6952
ES0215	4	8017	Mountain whitefish	204		Scale		0		
ES0215	4	8016	Mountain whitefish	206	88	Scale		0		
ES0215	4	8015	Mountain whitefish	159	46	Scale		0		
ES0215	4	8014	Mountain whitefish	356	466	Scale		0	Yellow	6951
ES0215	4	8032	Mountain whitefish	331	358	Scale		0	Yellow	6963
ES0215	4	8033	Mountain whitefish	306	310	Scale		0	Yellow	6964
ES0215	4	8028	Mountain whitefish	366	496	Scale		0	Yellow	6960

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0215	4	8034	Mountain whitefish	238	132	Scale		0		
ES0215	4	8035	Mountain whitefish	317	304	Scale		0	Yellow	6965
ES0215	4	8020	Mountain whitefish	281	236	Scale	4	0	Yellow	6953
ES0215	4	8036	Mountain whitefish	311	276	Scale	5	0	Yellow	6966
ES0215	4	8048	Mountain whitefish	325	354	Scale		0	Yellow	6977
ES0215	4	8038	Mountain whitefish	318	342	Scale		0		
ES0215	4	8046	Mountain whitefish	327	358	Scale		0	Yellow	6968
ES0215	4	8040	Mountain whitefish	332	322	Scale		0	Yellow	6970
ES0215	4	8043	Mountain whitefish	392	652	Scale		0	Yellow	6973
ES0215	4	8041	Mountain whitefish	322	350	Scale		0	Yellow	6971
ES0215	4	8021	Mountain whitefish	261	204	Scale	3	0	Yellow	6954
ES0215	4	8025	Mountain whitefish	253	174	Scale		0	Yellow	6957
ES0215	4	8042	Mountain whitefish	331	356	Scale		0	Yellow	6972
ES0215	4	8031	Mountain whitefish	144	28	Scale		0		
ES0215	4	8022	Mountain whitefish	305				2	Yellow	5631
ES0215	4	8023	Mountain whitefish	322	362	Scale		0	Yellow	6955
ES0215	4	8019	Mountain whitefish	330				2	Yellow	5513
ES0215	4	8049	Mountain whitefish	311	302	Scale		0	Yellow	6978
ES0215	4	8047	Mountain whitefish	353	462	Scale		0	Yellow	6976
ES0215	4	8037	Mountain whitefish	336	386	Scale		0	Yellow	6967
ES0215	5	10460	Bull trout	544	1520	Fin Ray	6	0	Yellow	7878
ES0215	5	10481	Mountain whitefish	313				2	Yellow	6966
ES0215	5	10482	Mountain whitefish	275				2	Yellow	2909
ES0215	6	12254	Bull trout	374	518	Fin Ray	5	0	Yellow	7900
ES0215	6	12255	Bull trout	513	1280	Fin Ray	5	0	Yellow	7901
ES0215	6	12308	Bull trout	345				2	Yellow	4277
ES0215	6	12312	Mountain whitefish	330				2	Yellow	4291
ES0215	6	12307	Mountain whitefish	390				2	Yellow	6973
ES0215	6	12309	Mountain whitefish	274				2	Yellow	5648
ES0215	6	12310	Mountain whitefish	255				2	Yellow	6957
ES0215	6	12311	Mountain whitefish	352				2	Yellow	5639
ES0216	1	1390	Longnose sucker	388	754			0		
ES0216	1	1395	Mountain whitefish	336	364	Scale		0	Yellow	2891
ES0216	1	1392	Mountain whitefish	345	360	Scale		0	Yellow	2888
ES0216	1	1391	Mountain whitefish	332	318	Scale		0	Yellow	2887
ES0216	1	1397	Mountain whitefish	326	292	Scale		0	Yellow	2893
ES0216	1	1394	Mountain whitefish	348	386	Scale		0	Yellow	2890
ES0216	1	1393	Mountain whitefish	318	328	Scale		0	Yellow	2889
ES0216	1	1399	Mountain whitefish	334	364	Scale		0	Yellow	2895
ES0216	1	1396	Mountain whitefish	343	388	Scale		0	Yellow	2892
ES0216	1	1403	Mountain whitefish	302	300	Scale		0	Yellow	2899
ES0216	1	1402	Mountain whitefish	344	434	Scale		0	Yellow	2898
ES0216	1	1401	Mountain whitefish	345	422	Scale		0	Yellow	2897
ES0216	1	1398	Mountain whitefish	260	182	Scale		0	Yellow	2894
ES0216	1	1400	Mountain whitefish	295	244	Scale		0	Yellow	2896
ES0216	2	3584	Mountain whitefish	308	302	Scale		0	Yellow	4307
ES0216	2	3576	Mountain whitefish	370	450	Scale		0	Yellow	4300
ES0216	2	3585	Mountain whitefish	245	152	Scale		0		
ES0216	2	3573	Mountain whitefish	417	678	Scale		0	Yellow	4297
ES0216	2	3583	Mountain whitefish	262	188	Scale		0	Yellow	4306
ES0216	2	3582	Mountain whitefish	305	278	Scale		0	Yellow	4305
ES0216	2	3574	Mountain whitefish	360	466	Scale		0	Yellow	4298
ES0216	2	3581	Mountain whitefish	247	156	Scale		0		
ES0216	2	3580	Mountain whitefish	335	400	Scale		0	Yellow	4304
ES0216	2	3578	Mountain whitefish	352	416	Scale		0	Yellow	4302
ES0216	2	3575	Mountain whitefish	320	332	Scale		0	Yellow	4299
ES0216	2	3579	Mountain whitefish	331	348	Scale		0	Yellow	4303
ES0216	2	3577	Mountain whitefish	318	302	Scale		0	Yellow	4301
ES0216	3	5815	Mountain whitefish	150	32	Scale		0		
ES0216	3	5822	Mountain whitefish	365		Scale		0	Yellow	5657
ES0216	3	5816	Mountain whitefish	167	40	Scale		0		
ES0216	3	5817	Mountain whitefish	338	344	Scale		0	Yellow	5653
ES0216	3	5821	Mountain whitefish	337	412	Scale		0	Yellow	5656
ES0216	3	5819	Mountain whitefish	341	372	Scale		0	Yellow	5655
ES0216	3	5820	Mountain whitefish	301	254	Scale		0		
ES0216	3	5818	Mountain whitefish	312	348	Scale		0	Yellow	5654
ES0216	4	8058	Mountain whitefish	337	406	Scale		0	Yellow	6983
ES0216	4	8053	Mountain whitefish	465	1194	Scale		0	Yellow	6979
ES0216	4	8055	Mountain whitefish	338	388	Scale		0	Yellow	6980

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 2										
ES0216	4	8057	Mountain whitefish	316	314	Scale		0	Yellow	6982
ES0216	4	8059	Mountain whitefish	214	100	Scale		0		
ES0216	4	8056	Mountain whitefish	310	314	Scale		0	Yellow	6981
ES0216	4	8054	Mountain whitefish	414	828	Scale	8	0		
ES0216	6	12324	Mountain whitefish	329				2	Yellow	2891
Section 3										
ES0301	1	1429	Arctic grayling	344	520	Scale	3	2	Yellow	322
ES0301	1	1437	Arctic grayling	148	24	Scale	1	0		
ES0301	1	1462	Bull trout	646	3100	Fin Ray	7	0	Yellow	2937
ES0301	1	1449	Longnose sucker	381	750			0		
ES0301	1	1458	Longnose sucker	298	318			0		
ES0301	1	1434	Mountain whitefish	255		Scale		0	Yellow	2916
ES0301	1	1460	Mountain whitefish	322	350	Scale		0	Yellow	2935
ES0301	1	1454	Mountain whitefish	310	296	Scale		0	Yellow	2931
ES0301	1	1442	Mountain whitefish	330	388	Scale		0	Yellow	2921
ES0301	1	1440	Mountain whitefish	207	94	Scale		0		
ES0301	1	1439	Mountain whitefish	276	236	Scale		0	Yellow	2919
ES0301	1	1438	Mountain whitefish	218	120	Scale		0		
ES0301	1	1444	Mountain whitefish	316	280	Scale		0	Yellow	2923
ES0301	1	1435	Mountain whitefish	372	520	Scale		0	Yellow	2917
ES0301	1	1445	Mountain whitefish	273	204	Scale		0	Yellow	2924
ES0301	1	1431	Mountain whitefish	345	408	Scale		0		
ES0301	1	1430	Mountain whitefish	337	396	Scale		2	Yellow	1562
ES0301	1	1428	Mountain whitefish	125	20	Scale		0		
ES0301	1	1432	Mountain whitefish	394	750	Scale		0	Yellow	2915
ES0301	1	1433	Mountain whitefish	344	450	Scale		0		
ES0301	1	1452	Mountain whitefish	277	256	Scale		0	Yellow	2929
ES0301	1	1453	Mountain whitefish	266	228	Scale		0	Yellow	2930
ES0301	1	1457	Mountain whitefish	324	386	Scale		0	Yellow	2933
ES0301	1	1456	Mountain whitefish	228	132	Scale		0		
ES0301	1	1441	Mountain whitefish	317	310	Scale		0	Yellow	2920
ES0301	1	1446	Mountain whitefish	327	400	Scale		0	Yellow	2925
ES0301	1	1447	Mountain whitefish	356	454	Scale		0	Yellow	2926
ES0301	1	1455	Mountain whitefish	320	334	Scale	5	0	Yellow	2932
ES0301	1	1443	Mountain whitefish	270	212	Scale		0	Yellow	2922
ES0301	1	1459	Mountain whitefish	342	400	Scale		0	Yellow	2934
ES0301	1	1448	Mountain whitefish	235	144	Scale		0		
ES0301	1	1436	Mountain whitefish	365	506	Scale		0	Yellow	2918
ES0301	1	1461	Mountain whitefish	326	382	Scale		0	Yellow	2936
ES0301	1	1451	Mountain whitefish	274	220	Scale	3	0	Yellow	2928
ES0301	1	1450	Mountain whitefish	392	514	Scale		0	Yellow	2927
ES0301	2	3004	Mountain whitefish	322	362	Scale		0	Yellow	3930
ES0301	2	3005	Mountain whitefish	271	246	Scale		0	Yellow	3931
ES0301	2	3003	Mountain whitefish	322	350	Scale		0	Yellow	3929
ES0301	2	3006	Mountain whitefish	227	116	Scale		0		
ES0301	2	3002	Rainbow trout	400	640			0	Yellow	3928
ES0301	3	6362	Arctic grayling	326	462	Scale	3	0	Yellow	5992
ES0301	3	6394	Bull trout	293	268	Fin Ray	3	0	Yellow	6018
ES0301	3	6395	Longnose sucker	177	64			0		
ES0301	3	6356	Longnose sucker	385	690			0		
ES0301	3	6391	Mountain whitefish	321	368	Scale		0	Yellow	6016
ES0301	3	6380	Mountain whitefish	237	128	Scale		0		
ES0301	3	6378	Mountain whitefish	262	200	Scale		0	Yellow	6005
ES0301	3	6361	Mountain whitefish	324	340	Scale		0	Yellow	5991
ES0301	3	6372	Mountain whitefish	335	426	Scale		0	Yellow	5999
ES0301	3	6371	Mountain whitefish	273	216	Scale		0	Yellow	5998
ES0301	3	6370	Mountain whitefish	156	40	Scale		0		
ES0301	3	6368	Mountain whitefish	347	438	Scale		0	Yellow	5996
ES0301	3	6366	Mountain whitefish	206	94	Scale	2	0		
ES0301	3	6373	Mountain whitefish	327	334	Scale		0	Yellow	6000
ES0301	3	6364	Mountain whitefish	258	186	Scale		0	Yellow	5994
ES0301	3	6363	Mountain whitefish	349	364	Scale		0	Yellow	5993
ES0301	3	6379	Mountain whitefish	327	328	Scale	5	0	Yellow	6006
ES0301	3	6359	Mountain whitefish	349	438	Scale		0	Yellow	5990
ES0301	3	6358	Mountain whitefish	321	418	Scale		0		
ES0301	3	6369	Mountain whitefish	339	350	Scale		0	Yellow	5997
ES0301	3	6390	Mountain whitefish	274	232	Scale		0	Yellow	6015
ES0301	3	6393	Mountain whitefish	299	298	Scale		0	Yellow	6017
ES0301	3	6365	Mountain whitefish	356	456	Scale		0	Yellow	5995



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0301	3	6385	Mountain whitefish	297	282	Scale		0	Yellow	6011
ES0301	3	6383	Mountain whitefish	315	324	Scale		0	Yellow	6009
ES0301	3	6381	Mountain whitefish	326	352	Scale		0	Yellow	6007
ES0301	3	6360	Mountain whitefish	184	62	Scale		0		
ES0301	3	6374	Mountain whitefish	301	316	Scale		0	Yellow	6001
ES0301	3	6382	Mountain whitefish	329	354	Scale		0	Yellow	6008
ES0301	3	6384	Mountain whitefish	300	292	Scale		0	Yellow	6010
ES0301	3	6386	Mountain whitefish	286	276	Scale		0	Yellow	6012
ES0301	3	6387	Mountain whitefish	199	84	Scale		0		
ES0301	3	6367	Mountain whitefish	194	74	Scale		0		
ES0301	3	6388	Mountain whitefish	314	294	Scale		0	Yellow	6013
ES0301	3	6389	Mountain whitefish	329	366	Scale		0	Yellow	6014
ES0301	3	6375	Mountain whitefish	357	424	Scale		0	Yellow	6002
ES0301	3	6357	Mountain whitefish	314	326	Scale		0	Yellow	5989
ES0301	3	6376	Mountain whitefish	325	338	Scale		0	Yellow	6003
ES0301	3	6377	Mountain whitefish	304	274	Scale		0	Yellow	6004
ES0301	3	6355	Northern pikeminnow	427	984			0		
ES0301	3	6392	Rainbow trout	400	724			0		
ES0301	4	8582	Largescale sucker	575	2006			0		
ES0301	4	8583	Largescale sucker	440	1342			0		
ES0301	4	8584	Longnose sucker	394	794			0		
ES0301	4	8581	Longnose sucker	460	1236			0		
ES0301	4	8601	Mountain whitefish	279	238	Scale		0	Yellow	7322
ES0301	4	8600	Mountain whitefish	237	144	Scale		0		
ES0301	4	8602	Mountain whitefish	241	160	Scale		0		
ES0301	4	8598	Mountain whitefish	284	260	Scale		0	Yellow	7320
ES0301	4	8596	Mountain whitefish	325	396	Scale		0	Yellow	7318
ES0301	4	8595	Mountain whitefish	356	440	Scale		0	Yellow	7317
ES0301	4	8593	Mountain whitefish	244	160	Scale		0		
ES0301	4	8597	Mountain whitefish	302	268	Scale		0	Yellow	7319
ES0301	4	8592	Mountain whitefish	290	276	Scale		0	Yellow	7315
ES0301	4	8591	Mountain whitefish	328	332	Scale		0	Yellow	7314
ES0301	4	8588	Mountain whitefish	294	266	Scale		0	Yellow	7311
ES0301	4	8587	Mountain whitefish	354	454	Scale		0	Yellow	7310
ES0301	4	8586	Mountain whitefish	310	332	Scale		0	Yellow	7309
ES0301	4	8590	Mountain whitefish	281	222	Scale		0	Yellow	7313
ES0301	4	8599	Mountain whitefish	332	378	Scale		0	Yellow	7321
ES0301	4	8589	Mountain whitefish	333	378	Scale		0	Yellow	7312
ES0301	4	8594	Mountain whitefish	314	324	Scale		0	Yellow	7316
ES0301	4	8585	Rainbow trout	378	588			0		
ES0301	5	10501	Mountain whitefish	316				2	Yellow	6009
ES0301	5	10502	Mountain whitefish	261				2	Yellow	1561
ES0301	6	12758	Bull trout	481	1060	Fin Ray	5	0	Yellow	7908
ES0301	6	12794	Mountain whitefish	345				2	Yellow	2934
ES0301	6	12789	Mountain whitefish	345				2	Yellow	2950
ES0301	6	12790	Mountain whitefish	305				2	Yellow	7319
ES0301	6	12791	Mountain whitefish	310				2	Yellow	3964
ES0301	6	12793	Mountain whitefish	315				2	Yellow	7549
ES0301	6	12795	Mountain whitefish	285				2	Yellow	326
ES0301	6	12796	Mountain whitefish	350				2	Yellow	5996
ES0301	6	12792	Mountain whitefish	338				2	Yellow	5997
ES0302	1	1507	Bull trout	505	1240	Fin Ray	6	0	Yellow	2967
ES0302	1	1478	Kokanee	123	10			0		
ES0302	1	1501	Kokanee	277	232			0		
ES0302	1	1465	Longnose sucker	395	750			0		
ES0302	1	1498	Mountain whitefish	150	46	Scale		0		
ES0302	1	1481	Mountain whitefish	304	326	Scale		0	Yellow	2951
ES0302	1	1489	Mountain whitefish	367	484	Scale		0	Yellow	2959
ES0302	1	1476	Mountain whitefish	336	378	Scale		0		
ES0302	1	1467	Mountain whitefish	316	334	Scale		0	Yellow	2940
ES0302	1	1477	Mountain whitefish	181	68	Scale		0		
ES0302	1	1471	Mountain whitefish	376	630	Scale		0	Yellow	2944
ES0302	1	1475	Mountain whitefish	309	309	Scale		5	Yellow	2948
ES0302	1	1474	Mountain whitefish	342	394	Scale	5	0	Yellow	2947
ES0302	1	1473	Mountain whitefish	353	392	Scale		0	Yellow	2946
ES0302	1	1472	Mountain whitefish	361	456	Scale		0	Yellow	2945
ES0302	1	1469	Mountain whitefish	357	460	Scale		0	Yellow	2942
ES0302	1	1464	Mountain whitefish	337	364	Scale		2	Yellow	483
ES0302	1	1480	Mountain whitefish	343	412	Scale		0	Yellow	2950

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0302	1	1494	Mountain whitefish	190	68	Scale		0		
ES0302	1	1484	Mountain whitefish	396	618	Scale		0	Yellow	2954
ES0302	1	1468	Mountain whitefish	345	366	Scale		0	Yellow	2941
ES0302	1	1491	Mountain whitefish	185	62	Scale		0		
ES0302	1	1497	Mountain whitefish	316	296	Scale		0	Yellow	2961
ES0302	1	1496	Mountain whitefish	243	154	Scale		0		
ES0302	1	1495	Mountain whitefish	252	178	Scale		0	Yellow	2960
ES0302	1	1493	Mountain whitefish	206	90	Scale		0		
ES0302	1	1492	Mountain whitefish	239	136	Scale		0		
ES0302	1	1490	Mountain whitefish	167	50	Scale		0		
ES0302	1	1482	Mountain whitefish	294	280	Scale		0	Yellow	2952
ES0302	1	1488	Mountain whitefish	346	420	Scale		0	Yellow	2958
ES0302	1	1487	Mountain whitefish	336	306	Scale		0	Yellow	2957
ES0302	1	1486	Mountain whitefish	321	324	Scale		0	Yellow	2956
ES0302	1	1463	Mountain whitefish	302		Scale		0	Yellow	2938
ES0302	1	1485	Mountain whitefish	284	224	Scale		0	Yellow	2955
ES0302	1	1483	Mountain whitefish	334	388	Scale		0	Yellow	2953
ES0302	1	1466	Mountain whitefish	311	316			0	Yellow	2939
ES0302	1	1504	Mountain whitefish	191	70	Scale		0		
ES0302	1	1499	Mountain whitefish	322	320	Scale		0	Yellow	2962
ES0302	1	1479	Mountain whitefish	335	384	Scale		0	Yellow	2949
ES0302	1	1500	Mountain whitefish	275	256	Scale		0	Yellow	2963
ES0302	1	1502	Mountain whitefish	386	534	Scale		0	Yellow	2964
ES0302	1	1503	Mountain whitefish	244	158	Scale		0		
ES0302	1	1505	Mountain whitefish	280	230	Scale		0	Yellow	2965
ES0302	1	1506	Mountain whitefish	280	238	Scale		0	Yellow	2966
ES0302	1	1470	Mountain whitefish	290	260	Scale		0	Yellow	2943
ES0302	2	3057	Bull trout	335	412	Fin Ray	3	0	Yellow	3959
ES0302	2	3058	Bull trout	393	706	Fin Ray	4	0	Yellow	3960
ES0302	2	3032	Longnose sucker	385	693			0		
ES0302	2	3038	Longnose sucker	338	508			0		
ES0302	2	3041	Mountain whitefish	197	74	Scale		0		
ES0302	2	3043	Mountain whitefish	325	312			2	Yellow	486
ES0302	2	3050	Mountain whitefish	155	34	Scale	1	0		
ES0302	2	3047	Mountain whitefish	182	62	Scale		0		
ES0302	2	3044	Mountain whitefish	143	28	Scale		0		
ES0302	2	3045	Mountain whitefish	279	222			2	Yellow	2965
ES0302	2	3031	Mountain whitefish	399	678	Scale		0	Yellow	3950
ES0302	2	3046	Mountain whitefish	308	336	Scale		0	Yellow	3956
ES0302	2	3048	Mountain whitefish	153	36	Scale		0		
ES0302	2	3049	Mountain whitefish	145	30	Scale		0		
ES0302	2	3055	Mountain whitefish	342	368	Scale		0	Yellow	3958
ES0302	2	3030	Mountain whitefish	394	580	Scale		0	Yellow	3949
ES0302	2	3029	Mountain whitefish	261	186	Scale		0	Yellow	3948
ES0302	2	3051	Mountain whitefish	152	32	Scale	1	0		
ES0302	2	3035	Mountain whitefish	440	812	Scale		0	Yellow	3953
ES0302	2	3036	Mountain whitefish	385	580	Scale		5	Yellow	3954
ES0302	2	3037	Mountain whitefish	400	448	Scale		0		
ES0302	2	3040	Mountain whitefish	307	286			2	Yellow	2938
ES0302	2	3034	Mountain whitefish	300	250	Scale		0	Yellow	3952
ES0302	2	3056	Mountain whitefish	237	144	Scale		0		
ES0302	2	3033	Mountain whitefish	336	378	Scale		0	Yellow	3951
ES0302	2	3042	Mountain whitefish	335	400	Scale		0	Yellow	3955
ES0302	2	3054	Mountain whitefish	327	338	Scale		0	Yellow	3957
ES0302	2	3053	Mountain whitefish	156	32	Scale		0		
ES0302	2	3052	Mountain whitefish	149	28	Scale		0		
ES0302	2	3039	Mountain whitefish	378	500			2	Yellow	478
ES0302	3	6447	Kokanee	305	302			0		
ES0302	3	6410	Largescale sucker	343	526			0		
ES0302	3	6396	Longnose sucker	382	692			0		
ES0302	3	6397	Longnose sucker	387	312			0		
ES0302	3	6404	Longnose sucker	343	492			0		
ES0302	3	6403	Longnose sucker	395	602			0		
ES0302	3	6405	Mountain whitefish	286	274	Scale		0	Yellow	6022
ES0302	3	6411	Mountain whitefish	358	468	Scale	7	0	Yellow	6023
ES0302	3	6409	Mountain whitefish	318				2	Yellow	2956
ES0302	3	6408	Mountain whitefish	247				2	Yellow	2960
ES0302	3	6412	Mountain whitefish	272	198	Scale		0	Yellow	6024
ES0302	3	6406	Mountain whitefish	297				2	Yellow	3952

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0302	3	6417	Mountain whitefish	242	166	Scale		0		
ES0302	3	6436	Mountain whitefish	282	242	Scale		0	Yellow	6042
ES0302	3	6415	Mountain whitefish	234	134	Scale		0		
ES0302	3	6407	Mountain whitefish	336				2	Yellow	2958
ES0302	3	6426	Mountain whitefish	303	300	Scale		0	Yellow	6035
ES0302	3	6414	Mountain whitefish	328	384	Scale	5	0	Yellow	6026
ES0302	3	6416	Mountain whitefish	329	336	Scale		0	Yellow	6027
ES0302	3	6418	Mountain whitefish	273	212	Scale		0	Yellow	6028
ES0302	3	6419	Mountain whitefish	326	374	Scale		0	Yellow	6029
ES0302	3	6420	Mountain whitefish	353	484	Scale		0	Yellow	6030
ES0302	3	6421	Mountain whitefish	316	330	Scale		0	Yellow	6031
ES0302	3	6422	Mountain whitefish	304	308	Scale		0	Yellow	6032
ES0302	3	6423	Mountain whitefish	334	444	Scale		0	Yellow	6033
ES0302	3	6438	Mountain whitefish	150	36	Scale		0		
ES0302	3	6425	Mountain whitefish	237	148	Scale		0		
ES0302	3	6429	Mountain whitefish	254	184	Scale		0	Yellow	6038
ES0302	3	6413	Mountain whitefish	272	200	Scale		0	Yellow	6025
ES0302	3	6446	Mountain whitefish	342	396	Scale		0	Yellow	6049
ES0302	3	6400	Mountain whitefish	346	422	Scale		0	Yellow	6020
ES0302	3	6401	Mountain whitefish	384	494	Scale		0	Yellow	6021
ES0302	3	6427	Mountain whitefish	305	318	Scale		0	Yellow	6036
ES0302	3	6428	Mountain whitefish	270	224	Scale		0	Yellow	6037
ES0302	3	6430	Mountain whitefish	326	398	Scale		0	Yellow	6039
ES0302	3	6431	Mountain whitefish	290	278	Scale		0	Yellow	6040
ES0302	3	6398	Mountain whitefish	333	440	Scale		0	Yellow	6019
ES0302	3	6432	Mountain whitefish	165	48	Scale		0		
ES0302	3	6433	Mountain whitefish	244	165	Scale		0		
ES0302	3	6442	Mountain whitefish	341	430	Scale		0	Yellow	6046
ES0302	3	6435	Mountain whitefish	191	84	Scale		0		
ES0302	3	6402	Mountain whitefish	344				2	Yellow	5990
ES0302	3	6445	Mountain whitefish	212	108	Scale		0		
ES0302	3	6437	Mountain whitefish	333	364	Scale		0	Yellow	6043
ES0302	3	6444	Mountain whitefish	299	266	Scale		0	Yellow	6048
ES0302	3	6424	Mountain whitefish	334	352	Scale		0	Yellow	6034
ES0302	3	6439	Mountain whitefish	199	96	Scale		0		
ES0302	3	6443	Mountain whitefish	262	214	Scale		0	Yellow	6047
ES0302	3	6440	Mountain whitefish	304	274	Scale		0	Yellow	6044
ES0302	3	6441	Mountain whitefish	270	238	Scale		0	Yellow	6045
ES0302	3	6434	Mountain whitefish	337	366	Scale		0	Yellow	6041
ES0302	3	6399	Northern pikeminnow	455	1320			0		
ES0302	4	8950	Bull trout	395	584	Fin Ray	4	0	Yellow	7544
ES0302	4	8948	Bull trout	603	1982	Fin Ray	7	0	Yellow	7542
ES0302	4	8949	Bull trout	312	308	Fin Ray	3	0	Yellow	7543
ES0302	4	8945	Mountain whitefish	320	366	Scale		0	Yellow	7539
ES0302	4	8951	Mountain whitefish	320	370	Scale		0	Yellow	7545
ES0302	4	8962	Mountain whitefish	268	212	Scale		0	Yellow	7554
ES0302	4	8963	Mountain whitefish	341	402	Scale		0	Yellow	7555
ES0302	4	8964	Mountain whitefish	392	572			2	Yellow	2954
ES0302	4	8942	Mountain whitefish	410	676	Scale		0	Yellow	7538
ES0302	4	8946	Mountain whitefish	366	460	Scale		0	Yellow	7540
ES0302	4	8976	Mountain whitefish	300	274	Scale		0	Yellow	7563
ES0302	4	8944	Mountain whitefish	397	684			2	Yellow	3950
ES0302	4	8975	Mountain whitefish	275	212	Scale		0	Yellow	7562
ES0302	4	8943	Mountain whitefish	340	378			2	Yellow	483
ES0302	4	8957	Mountain whitefish	320	340	Scale	5	0	Yellow	7549
ES0302	4	8966	Mountain whitefish	361	586	Scale		0	Yellow	7557
ES0302	4	8952	Mountain whitefish	376	492			2	Yellow	478
ES0302	4	8947	Mountain whitefish	423	782	Scale		0	Yellow	7541
ES0302	4	8968	Mountain whitefish	308	288	Scale		0	Yellow	7559
ES0302	4	8965	Mountain whitefish	347	408	Scale		0	Yellow	7556
ES0302	4	8967	Mountain whitefish	341	404	Scale		0	Yellow	7558
ES0302	4	8955	Mountain whitefish	289	278	Scale		0	Yellow	7547
ES0302	4	8953	Mountain whitefish	355	454	Scale		0	Yellow	7546
ES0302	4	8970	Mountain whitefish	190	70	Scale		0		
ES0302	4	8972	Mountain whitefish	201	94	Scale		0		
ES0302	4	8969	Mountain whitefish	240	148	Scale		0		
ES0302	4	8973	Mountain whitefish	288	230	Scale		0	Yellow	7560
ES0302	4	8974	Mountain whitefish	275	210	Scale		0	Yellow	7561
ES0302	4	8961	Mountain whitefish	346	390	Scale		0	Yellow	7553

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 3											
ES0302	4	8959	Mountain whitefish	320	312	Scale		0	Yellow	7551	
ES0302	4	8958	Mountain whitefish	340	404	Scale		0	Yellow	7550	
ES0302	4	8956	Mountain whitefish	292	278	Scale		0	Yellow	7548	
ES0302	4	8954	Mountain whitefish	305	310			2	Yellow	6032	
ES0302	4	8960	Mountain whitefish	250	166	Scale		0	Yellow	7552	
ES0302	4	8971	Mountain whitefish	222	112	Scale		0			
ES0302	5	10698	Mountain whitefish	348				2	Yellow	6020	
ES0302	5	10691	Mountain whitefish	317				2	Yellow	2961	
ES0302	5	10697	Mountain whitefish	342				2	Yellow	3958	
ES0302	5	10692	Mountain whitefish	334				2	Yellow	6026	
ES0302	5	10693	Mountain whitefish	348				2	Yellow	6218	
ES0302	5	10694	Mountain whitefish	344				2	Yellow	2950	
ES0302	5	10695	Mountain whitefish	325				2	Yellow	473	
ES0302	5	10696	Mountain whitefish	330				2	Yellow	3957	
ES0302	6	12326	Bull trout	735	5455	Fin Ray		8	0	Yellow	7903
ES0302	6	12325	Bull trout	485	1078	Fin Ray		5	0	Yellow	7902
ES0302	6	12367	Mountain whitefish	324				2	Yellow	7549	
ES0302	6	12369	Mountain whitefish	345				2	Yellow	2950	
ES0302	6	12370	Mountain whitefish	334				2	Yellow	4704	
ES0302	6	12368	Mountain whitefish	338				2	Yellow	7550	
ES0302	6	12366	Mountain whitefish	341				2	Yellow	3958	
ES0302	6	12365	Mountain whitefish	393				2	Yellow	2954	
ES0302	6	12364	Mountain whitefish	334				2	Yellow	6043	
ES0302	6	12371	Mountain whitefish	270				2	Yellow	3948	
ES0303	1	1509	Longnose sucker	386	750			0			
ES0303	1	1511	Longnose sucker	365	618			0			
ES0303	1	1516	Longnose sucker	384	674			0			
ES0303	1	1512	Mountain whitefish	346		Scale		0	Yellow	2969	
ES0303	1	1508	Mountain whitefish	398	544	Scale		0	Yellow	2968	
ES0303	1	1528	Mountain whitefish	277		Scale		0	Yellow	2983	
ES0303	1	1514	Mountain whitefish	416	688	Scale		0	Yellow	2971	
ES0303	1	1513	Mountain whitefish	359	502	Scale		0	Yellow	2970	
ES0303	1	1526	Mountain whitefish	282	236	Scale		0	Yellow	2982	
ES0303	1	1510	Mountain whitefish	377				2	Yellow	2917	
ES0303	1	1525	Mountain whitefish	332	380	Scale		0	Yellow	2981	
ES0303	1	1524	Mountain whitefish	334		Scale		0	Yellow	2980	
ES0303	1	1523	Mountain whitefish	336	380	Scale		0	Yellow	2979	
ES0303	1	1522	Mountain whitefish	341	384	Scale		0	Yellow	2978	
ES0303	1	1521	Mountain whitefish	345	418	Scale		5	0	Yellow	2976
ES0303	1	1520	Mountain whitefish	306	316	Scale		0	Yellow	2974	
ES0303	1	1519	Mountain whitefish	253	184	Scale		0			
ES0303	1	1518	Mountain whitefish	362	586	Scale		0			
ES0303	1	1517	Mountain whitefish	271	228	Scale		0	Yellow	2973	
ES0303	1	1515	Mountain whitefish	371	502	Scale		0	Yellow	2972	
ES0303	1	1527	Mountain whitefish	238	162	Scale		0			
ES0303	2	3059	Longnose sucker	367	630			0			
ES0303	2	3060	Longnose sucker	393	766			0			
ES0303	2	3065	Mountain whitefish	320	318	Scale		0	Yellow	3964	
ES0303	2	3064	Mountain whitefish	300	284	Scale		0	Yellow	3963	
ES0303	2	3066	Mountain whitefish	351	390	Scale		0	Yellow	3965	
ES0303	2	3067	Mountain whitefish	235	134	Scale		0			
ES0303	2	3068	Mountain whitefish	344	334	Scale		0	Yellow	3966	
ES0303	2	3063	Mountain whitefish	233	130	Scale		0			
ES0303	2	3062	Mountain whitefish	432	680	Scale		0	Yellow	3962	
ES0303	2	3061	Mountain whitefish	339	260	Scale		0	Yellow	3961	
ES0303	3	6354	Bull trout	256	156	Fin Ray		2	0	Yellow	5988
ES0303	3	6330	Largescale sucker	545	1904			0			
ES0303	3	6328	Longnose sucker	321	386			0			
ES0303	3	6329	Longnose sucker	385	648			0			
ES0303	3	6327	Longnose sucker	434	1002			0			
ES0303	3	6325	Longnose sucker	390	764			0			
ES0303	3	6326	Longnose sucker	395	796			0			
ES0303	3	6335	Mountain whitefish	373	438	Scale		0	Yellow	5977	
ES0303	3	6337	Mountain whitefish	249	168	Scale		3	0		
ES0303	3	6333	Mountain whitefish	330	366	Scale		2	Yellow	1562	
ES0303	3	6331	Mountain whitefish	370	502	Scale		8	0	Yellow	5974
ES0303	3	6349	Mountain whitefish	353	412	Scale		7	0	Yellow	5987
ES0303	3	6347	Mountain whitefish	323	354	Scale		0	Yellow	5985	
ES0303	3	6351	Mountain whitefish	238	138	Scale		0			

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0303	3	6353	Mountain whitefish	198	72	Scale		0		
ES0303	3	6350	Mountain whitefish	197	76	Scale		0		
ES0303	3	6348	Mountain whitefish	326	368	Scale		0	Yellow	5986
ES0303	3	6346	Mountain whitefish	313	320	Scale		0	Yellow	5984
ES0303	3	6332	Mountain whitefish	321	338	Scale		0	Yellow	5975
ES0303	3	6345	Mountain whitefish	270	194	Scale		0	Yellow	5983
ES0303	3	6344	Mountain whitefish	315				2	Yellow	2920
ES0303	3	6343	Mountain whitefish	440	768	Scale		0	Yellow	5982
ES0303	3	6342	Mountain whitefish	372	536	Scale		0	Yellow	5981
ES0303	3	6341	Mountain whitefish	376	512	Scale		0	Yellow	5980
ES0303	3	6340	Mountain whitefish	195	86	Scale		0		
ES0303	3	6339	Mountain whitefish	295	272	Scale		0	Yellow	5979
ES0303	3	6338	Mountain whitefish	273	218	Scale		0	Yellow	5978
ES0303	3	6336	Mountain whitefish	212	100	Scale		0		
ES0303	3	6334	Mountain whitefish	461	866	Scale	10	0	Yellow	5976
ES0303	3	6352	Mountain whitefish	236	144	Scale	3	0		
ES0303		13319	Bull trout	407	640	Fin Ray	4	0	Yellow	6221
ES0303		13316	Mountain whitefish	346				0	Yellow	6218
ES0303		13317	Mountain whitefish	305	314	Scale		0	Yellow	6219
ES0303		13318	Mountain whitefish	308	334	Scale		0	Yellow	6220
ES0303	4	8978	Longnose sucker	374	704			0		
ES0303	4	8977	Longnose sucker	443	1218			0		
ES0303	4	8980	Mountain whitefish	240	134	Scale		0		
ES0303	4	8989	Mountain whitefish	405	612	Scale		0	Yellow	7570
ES0303	4	8985	Mountain whitefish	279	218			2	Yellow	2983
ES0303	4	8988	Mountain whitefish	275	244	Scale		0	Yellow	7569
ES0303	4	8987	Mountain whitefish	289	276	Scale		0	Yellow	7568
ES0303	4	8986	Mountain whitefish	326	332			2	Yellow	2999
ES0303	4	8984	Mountain whitefish	384	510	Scale		0	Yellow	7567
ES0303	4	8983	Mountain whitefish	300	250	Scale		0	Yellow	7566
ES0303	4	8982	Mountain whitefish	347	394	Scale		0	Yellow	7565
ES0303	4	8981	Mountain whitefish	316	322			2	Yellow	7316
ES0303	4	8979	Mountain whitefish	355	426	Scale	7	0	Yellow	7564
ES0303	4	8990	Mountain whitefish	272	238	Scale		0	Yellow	7571
ES0303	5	10715	Mountain whitefish	312				2	Yellow	7309
ES0303	5	10716	Mountain whitefish	346				2	Yellow	5164
ES0303	6	12373	Bull trout	527	1494	Fin Ray	7	0	Yellow	7905
ES0303	6	12372	Bull trout	274	228	Fin Ray	3	0	Yellow	7904
ES0303	6	12427	Mountain whitefish	336				2	Yellow	3961
ES0303	6	12421	Mountain whitefish	375				2	Yellow	2917
ES0303	6	12422	Mountain whitefish	343				2	Yellow	2976
ES0303	6	12423	Mountain whitefish	310				2	Yellow	5948
ES0303	6	12424	Mountain whitefish	395				2	Yellow	3002
ES0303	6	12426	Mountain whitefish	346				2	Yellow	2986
ES0303	6	12420	Mountain whitefish	322				2	Yellow	6016
ES0303	6	12425	Mountain whitefish	351				2	Yellow	6002
ES0304	1	1545	Bull trout	285	222	Fin Ray	3	0	Yellow	2991
ES0304	1	1531	Largescale sucker	490	412			0		
ES0304	1	1532	Longnose sucker	393	804			0		
ES0304	1	1530	Longnose sucker	472	978			0		
ES0304	1	1529	Longnose sucker	390	694			0		
ES0304	1	1533	Longnose sucker	390	680			0		
ES0304	1	1553	Mountain whitefish	282	248	Scale		0	Yellow	2998
ES0304	1	1534	Mountain whitefish	308	302	Scale		0		
ES0304	1	1535	Mountain whitefish	292	250	Scale		0	Yellow	2984
ES0304	1	1536	Mountain whitefish	234	136	Scale		0		
ES0304	1	1537	Mountain whitefish	294	272	Scale		0	Yellow	2985
ES0304	1	1538	Mountain whitefish	347	438	Scale		0	Yellow	2986
ES0304	1	1539	Mountain whitefish	357	430	Scale		0	Yellow	2987
ES0304	1	1540	Mountain whitefish	286	232	Scale		0	Yellow	2988
ES0304	1	1543	Mountain whitefish	290	238	Scale		0	Yellow	2989
ES0304	1	1542	Mountain whitefish	253	188	Scale		0		
ES0304	1	1556	Mountain whitefish	306	266	Scale		0	Yellow	3000
ES0304	1	1544	Mountain whitefish	377	494	Scale		0	Yellow	2990
ES0304	1	1551	Mountain whitefish	322	344	Scale		5	Yellow	2996
ES0304	1	1550	Mountain whitefish	302	266	Scale		0	Yellow	2995
ES0304	1	1548	Mountain whitefish	279	220	Scale		0	Yellow	2994
ES0304	1	1546	Mountain whitefish	348	454	Scale		0	Yellow	2992
ES0304	1	1547	Mountain whitefish	372	454	Scale		0	Yellow	2993



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0304	1	1554	Mountain whitefish	323	350	Scale		0	Yellow	2999
ES0304	1	1562	Mountain whitefish	231	128	Scale		0		
ES0304	1	1561	Mountain whitefish	298	250	Scale		0	Yellow	3004
ES0304	1	1541	Mountain whitefish	243	160	Scale		0		
ES0304	1	1557	Mountain whitefish	293	252	Scale		0	Yellow	2977
ES0304	1	1563	Mountain whitefish	340	390	Scale		0	Yellow	3005
ES0304	1	1558	Mountain whitefish	309	320	Scale		0	Yellow	3001
ES0304	1	1559	Mountain whitefish	393	550	Scale		0	Yellow	3002
ES0304	1	1549	Mountain whitefish	240	150	Scale		0		
ES0304	1	1552	Mountain whitefish	315	302	Scale	4	0	Yellow	2997
ES0304	1	1565	Mountain whitefish	266	190	Scale		0	Yellow	3007
ES0304	1	1566	Mountain whitefish	282	234	Scale		0	Yellow	3008
ES0304	1	1567	Mountain whitefish	263	178	Scale		0	Yellow	3009
ES0304	1	1564	Mountain whitefish	305	292	Scale		0	Yellow	3006
ES0304	1	1568	Mountain whitefish	173	58	Scale		0		
ES0304	1	1560	Mountain whitefish	430	812	Scale		0	Yellow	3003
ES0304	1	1555	Rainbow trout	234	186			0		
ES0304	2	3020	Longnose sucker	363	614			0		
ES0304	2	3021	Longnose sucker	329	494			0		
ES0304	2	3011	Mountain whitefish	379	482	Scale		0	Yellow	3933
ES0304	2	3012	Mountain whitefish	278	204	Scale		0	Yellow	3934
ES0304	2	3013	Mountain whitefish	343	344	Scale		0	Yellow	3935
ES0304	2	3014	Mountain whitefish	414	636	Scale		0	Yellow	3936
ES0304	2	3015	Mountain whitefish	365	410	Scale		0	Yellow	3937
ES0304	2	3016	Mountain whitefish	305	254	Scale		0	Yellow	3938
ES0304	2	3017	Mountain whitefish	337	376	Scale		0	Yellow	3939
ES0304	2	3023	Mountain whitefish	337	330	Scale	7	0	Yellow	3943
ES0304	2	3008	Mountain whitefish	322	316	Scale		0		
ES0304	2	3018	Mountain whitefish	337	328	Scale		0	Yellow	3940
ES0304	2	3025	Mountain whitefish	325	334	Scale		0	Yellow	3945
ES0304	2	3010	Mountain whitefish	403	566	Scale		0	Yellow	3932
ES0304	2	3009	Mountain whitefish	332	400			2	Yellow	3027
ES0304	2	3024	Mountain whitefish	330	468	Scale		0	Yellow	3944
ES0304	2	3026	Mountain whitefish	313	316	Scale		0		
ES0304	2	3027	Mountain whitefish	339	382	Scale		0	Yellow	3946
ES0304	2	3028	Mountain whitefish	330	344	Scale		0	Yellow	3947
ES0304	2	3019	Mountain whitefish	377	400	Scale		0	Yellow	3941
ES0304	2	3007	Mountain whitefish	367	492	Scale		0		
ES0304	2	3022	Mountain whitefish	283	224	Scale		0	Yellow	3942
ES0304	3	6318	Bull trout	299	286	Fin Ray	3	0	Yellow	5970
ES0304	3	6298	Longnose sucker	397	830			0		
ES0304	3	6302	Mountain whitefish	380	522	Scale		0	Yellow	5955
ES0304	3	6300	Mountain whitefish	300	300	Scale		0		
ES0304	3	6297	Mountain whitefish	310	308	Scale		0	Yellow	5953
ES0304	3	6296	Mountain whitefish	404				2	Yellow	5901
ES0304	3	6295	Mountain whitefish	300				2	Yellow	3000
ES0304	3	6294	Mountain whitefish	334				2	Yellow	3939
ES0304	3	6301	Mountain whitefish	471	1102	Scale		0	Yellow	5954
ES0304	3	6311	Mountain whitefish	380	514	Scale		0	Yellow	5963
ES0304	3	6303	Mountain whitefish	264	198	Scale		0	Yellow	5956
ES0304	3	6304	Mountain whitefish	346	404	Scale		0	Yellow	5957
ES0304	3	6309	Mountain whitefish	302	264	Scale		0	Yellow	5961
ES0304	3	6299	Mountain whitefish	405	812			0		
ES0304	3	6310	Mountain whitefish	333	348	Scale		0	Yellow	5962
ES0304	3	6305	Mountain whitefish	300	304	Scale		0	Yellow	5958
ES0304	3	6308	Mountain whitefish	354	410	Scale		0	Yellow	5960
ES0304	3	6307	Mountain whitefish	285	256	Scale		0	Yellow	5959
ES0304	3	6306	Mountain whitefish	241	154	Scale		0		
ES0304	3	6314	Mountain whitefish	353	418	Scale		0	Yellow	5966
ES0304	3	6320	Mountain whitefish	235	128	Scale		0		
ES0304	3	6323	Mountain whitefish	147	32	Scale		0	Yellow	5973
ES0304	3	6322	Mountain whitefish	252	154	Scale		0	Yellow	5972
ES0304	3	6321	Mountain whitefish	242	140	Scale		0		
ES0304	3	6324	Mountain whitefish	385	532	Scale	7	0		
ES0304	3	6313	Mountain whitefish	318	314	Scale		0	Yellow	5965
ES0304	3	6319	Mountain whitefish	334	352	Scale		0	Yellow	5971
ES0304	3	6315	Mountain whitefish	319	330	Scale		0	Yellow	5967
ES0304	3	6316	Mountain whitefish	340	426	Scale		0	Yellow	5968
ES0304	3	6312	Mountain whitefish	262	208	Scale		0	Yellow	5964

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0304	3	6317	Mountain whitefish	342	336	Scale		0	Yellow	5969
ES0304	4	8611	Longnose sucker	415	884			0		
ES0304	4	8612	Longnose sucker	391	696			0		
ES0304	4	8616	Mountain whitefish	314	334	Scale		0	Yellow	7330
ES0304	4	8627	Mountain whitefish	193	74	Scale		0		
ES0304	4	8620	Mountain whitefish	335	366	Scale		0	Yellow	7334
ES0304	4	8629	Mountain whitefish	272	222	Scale		0	Yellow	7342
ES0304	4	8613	Mountain whitefish	368	472			2	Yellow	5888
ES0304	4	8628	Mountain whitefish	265	194	Scale		0	Yellow	7341
ES0304	4	8622	Mountain whitefish	333	322	Scale	6	0	Yellow	7336
ES0304	4	8617	Mountain whitefish	325	372	Scale		0	Yellow	7331
ES0304	4	8626	Mountain whitefish	277	220	Scale		0	Yellow	7340
ES0304	4	8625	Mountain whitefish	352	396	Scale		0	Yellow	7339
ES0304	4	8615	Mountain whitefish	325	342	Scale		0	Yellow	7329
ES0304	4	8624	Mountain whitefish	330	358	Scale		0	Yellow	7338
ES0304	4	8614	Mountain whitefish	415	542	Scale		0	Yellow	7328
ES0304	4	8618	Mountain whitefish	332	336	Scale	6	0	Yellow	7332
ES0304	4	8619	Mountain whitefish	374	456	Scale		0	Yellow	7333
ES0304	4	8621	Mountain whitefish	393	490	Scale		0	Yellow	7335
ES0304	4	8623	Mountain whitefish	268	194	Scale		0	Yellow	7337
ES0304	5	10728	Mountain whitefish	323				2	Yellow	5967
ES0304	5	10729	Mountain whitefish	318				2	Yellow	5953
ES0304	5	10726	Mountain whitefish	406				2	Yellow	7570
ES0304	5	10730	Mountain whitefish	270				2	Yellow	5956
ES0304	5	10727	Mountain whitefish	318				2	Yellow	1575
ES0305	1	1571	Largescale sucker	424				0		
ES0305	1	1575	Largescale sucker	459	1162			0		
ES0305	1	1574	Largescale sucker	441	1030			0		
ES0305	1	1595	Longnose sucker	305	346			0		
ES0305	1	1580	Longnose sucker	412				0		
ES0305	1	1576	Longnose sucker	372	650			0		
ES0305	1	1612	Longnose sucker	350	546			0		
ES0305	1	1579	Longnose sucker	434	842			0		
ES0305	1	1577	Longnose sucker	299	358			0		
ES0305	1	1613	Longnose sucker	395	746			0		
ES0305	1	1578	Longnose sucker	361	644			0		
ES0305	1	1572	Longnose sucker	361	608			0		
ES0305	1	1610	Longnose sucker	192	78			0		
ES0305	1	1581	Longnose sucker	386	684			0		
ES0305	1	1570	Longnose sucker	255	192			0		
ES0305	1	1569	Longnose sucker	321	396			0		
ES0305	1	1582	Longnose sucker	333	458			0		
ES0305	1	1573	Longnose sucker	397	742			0		
ES0305	1	1592	Mountain whitefish	312	278	Scale		0	Yellow	3016
ES0305	1	1594	Mountain whitefish	311	320	Scale		0	Yellow	3018
ES0305	1	1593	Mountain whitefish	389	512	Scale		0	Yellow	3017
ES0305	1	1591	Mountain whitefish	255	188	Scale		0		
ES0305	1	1588	Mountain whitefish	342				2	Yellow	2992
ES0305	1	1587	Mountain whitefish	332	370	Scale		2	Yellow	342
ES0305	1	1586	Mountain whitefish	327	392	Scale		0	Yellow	3013
ES0305	1	1585	Mountain whitefish	292	266	Scale		0	Yellow	3012
ES0305	1	1584	Mountain whitefish	403	696	Scale	7	0	Yellow	3011
ES0305	1	1583	Mountain whitefish	340	376	Scale		0	Yellow	3010
ES0305	1	1597	Mountain whitefish	320	372	Scale		0	Yellow	3020
ES0305	1	1598	Mountain whitefish	334	370	Scale		0	Yellow	3021
ES0305	1	1603	Mountain whitefish	285	260	Scale		0	Yellow	3025
ES0305	1	1589	Mountain whitefish	320	320	Scale		0	Yellow	3014
ES0305	1	1605	Mountain whitefish	330	412	Scale		0	Yellow	3027
ES0305	1	1615	Mountain whitefish	315	308	Scale		0	Yellow	3034
ES0305	1	1614	Mountain whitefish	327	348	Scale		0	Yellow	3033
ES0305	1	1596	Mountain whitefish	279	206	Scale		0	Yellow	3019
ES0305	1	1599	Mountain whitefish	308	292	Scale	3	0	Yellow	3022
ES0305	1	1609	Mountain whitefish	420	872	Scale		0	Yellow	3031
ES0305	1	1608	Mountain whitefish	379	468	Scale		0	Yellow	3030
ES0305	1	1607	Mountain whitefish	320	296	Scale		0	Yellow	3029
ES0305	1	1606	Mountain whitefish	387	504	Scale		0	Yellow	3028
ES0305	1	1616	Mountain whitefish	358	396	Scale		0	Yellow	3035
ES0305	1	1604	Mountain whitefish	299	344	Scale		0	Yellow	3026
ES0305	1	1600	Mountain whitefish	301	316	Scale	4	0	Yellow	3023

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0305	1	1590	Mountain whitefish	351	470	Scale		0	Yellow	3015
ES0305	1	1602	Mountain whitefish	186	62	Scale		0		
ES0305	1	1601	Mountain whitefish	347	382	Scale		0	Yellow	3024
ES0305	1	1611	Mountain whitefish	399	560	Scale		0	Yellow	3032
ES0305	1	1618	Mountain whitefish	382	476	Scale		0	Yellow	3036
ES0305	2	3117	Bull trout	345	416	Fin Ray	4	0	Yellow	3977
ES0305	2	3158	Largescale sucker	272	230			0		
ES0305	2	3092	Largescale sucker	471	1262			0		
ES0305	2	3079	Largescale sucker	453	1190			0		
ES0305	2	3084	Largescale sucker	504	1550			0		
ES0305	2	3072	Largescale sucker	446	1042			0		
ES0305	2	3078	Largescale sucker	386	602			0		
ES0305	2	3074	Largescale sucker	426	866			0		
ES0305	2	3155	Longnose sucker	211	114			0		
ES0305	2	3096	Longnose sucker	391	764			0		
ES0305	2	3093	Longnose sucker	352	560			0		
ES0305	2	3150	Longnose sucker	185	72			0		
ES0305	2	3148	Longnose sucker	327	366			0		
ES0305	2	3114	Longnose sucker	385	660			0		
ES0305	2	3157	Longnose sucker	300	336			0		
ES0305	2	3151	Longnose sucker	293	306			0		
ES0305	2	3087	Longnose sucker	314	362			0		
ES0305	2	3095	Longnose sucker	335	480			0		
ES0305	2	3094	Longnose sucker	413	920			0		
ES0305	2	3091	Longnose sucker	366	368			0		
ES0305	2	3090	Longnose sucker	340	484			0		
ES0305	2	3089	Longnose sucker	377	684			0		
ES0305	2	3085	Longnose sucker	392	752			0		
ES0305	2	3088	Longnose sucker	386	718			0		
ES0305	2	3086	Longnose sucker	358	478			0		
ES0305	2	3073	Longnose sucker	380	712			0		
ES0305	2	3070	Longnose sucker	390	790			0		
ES0305	2	3076	Longnose sucker	236	156			0		
ES0305	2	3131	Longnose sucker	398	742			0		
ES0305	2	3080	Longnose sucker	399	852			0		
ES0305	2	3082	Longnose sucker	362	600			0		
ES0305	2	3075	Longnose sucker	422	940			0		
ES0305	2	3069	Longnose sucker	431	1012			0		
ES0305	2	3081	Longnose sucker	413	910			0		
ES0305	2	3071	Longnose sucker	464	1262			0		
ES0305	2	3083	Longnose sucker	376	644			0		
ES0305	2	3077	Longnose sucker	459	1040			0		
ES0305	2	3111	Mountain whitefish	398	678	Scale		0		
ES0305	2	3112	Mountain whitefish	412	640	Scale		0	Yellow	3976
ES0305	2	3108	Mountain whitefish	379	528	Scale		0		
ES0305	2	3107	Mountain whitefish	418	714	Scale		0	Yellow	3974
ES0305	2	3161	Mountain whitefish	355	460	Scale		1		
ES0305	2	3109	Mountain whitefish	413	630	Scale		0		
ES0305	2	3101	Mountain whitefish	327	324	Scale		0	Yellow	3969
ES0305	2	3097	Mountain whitefish	445	898	Scale	9	1		
ES0305	2	3116	Mountain whitefish	306	296			2	Yellow	3022
ES0305	2	3120	Mountain whitefish	354	320	Scale		0	Yellow	3979
ES0305	2	3121	Mountain whitefish	316	212			2	Yellow	3034
ES0305	2	3106	Mountain whitefish	342	376			2	Yellow	3010
ES0305	2	3098	Mountain whitefish	345	792	Scale	7	0		
ES0305	2	3126	Mountain whitefish	226	106	Scale		1		
ES0305	2	3100	Mountain whitefish	359	460	Scale		0	Yellow	3968
ES0305	2	3138	Mountain whitefish	368	510	Scale		0	Yellow	3990
ES0305	2	3122	Mountain whitefish	345	420	Scale		1		
ES0305	2	3102	Mountain whitefish	400	608	Scale		0	Yellow	3970
ES0305	2	3124	Mountain whitefish	407	714	Scale		1		
ES0305	2	3103	Mountain whitefish	335	360	Scale		0	Yellow	3971
ES0305	2	3118	Mountain whitefish	276	214	Scale		0	Yellow	3978
ES0305	2	3104	Mountain whitefish	435	734	Scale	8	0	Yellow	3972
ES0305	2	3128	Mountain whitefish	352	430	Scale		0	Yellow	3981
ES0305	2	3099	Mountain whitefish	428	764	Scale		0	Yellow	3967
ES0305	2	3163	Mountain whitefish	336	388	Scale		1		
ES0305	2	3152	Mountain whitefish	311	294	Scale		0	Yellow	4001
ES0305	2	3105	Mountain whitefish	378	486	Scale		0	Yellow	3973



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 3										
ES0305	2	3153	Mountain whitefish	294	282	Scale		0	Yellow	4002
ES0305	2	3154	Mountain whitefish	312	302	Scale		0	Yellow	4003
ES0305	2	3156	Mountain whitefish	229	126	Scale	3	0		
ES0305	2	3160	Mountain whitefish	416	782	Scale		1		
ES0305	2	3147	Mountain whitefish	285	240	Scale	3	0	Yellow	3999
ES0305	2	3119	Mountain whitefish	335	472	Scale		0		
ES0305	2	3162	Mountain whitefish	220	96	Scale	3	1		
ES0305	2	3115	Mountain whitefish	324	324			2	Yellow	3945
ES0305	2	3164	Mountain whitefish	315	342	Scale		1		
ES0305	2	3123	Mountain whitefish	371	438	Scale		1		
ES0305	2	3113	Mountain whitefish	395	620	Scale	8	0		
ES0305	2	3159	Mountain whitefish	330	360	Scale		0		
ES0305	2	3110	Mountain whitefish	413	658	Scale		0	Yellow	3975
ES0305	2	3137	Mountain whitefish	312	284	Scale		0	Yellow	3989
ES0305	2	3132	Mountain whitefish	354	460	Scale		0	Yellow	3984
ES0305	2	3133	Mountain whitefish	305	288	Scale	5	0	Yellow	3985
ES0305	2	3134	Mountain whitefish	347	384	Scale		0	Yellow	3986
ES0305	2	3125	Mountain whitefish	254	152	Scale		1		
ES0305	2	3149	Mountain whitefish	326	372	Scale	5	0	Yellow	4000
ES0305	2	3127	Mountain whitefish	329	356	Scale		0	Yellow	3980
ES0305	2	3139	Mountain whitefish	326	352	Scale		0	Yellow	3991
ES0305	2	3130	Mountain whitefish	327	350	Scale		0	Yellow	3983
ES0305	2	3140	Mountain whitefish	357	472	Scale		0	Yellow	3992
ES0305	2	3141	Mountain whitefish	365	498	Scale		0	Yellow	3993
ES0305	2	3136	Mountain whitefish	378	546	Scale		0	Yellow	3988
ES0305	2	3143	Mountain whitefish	360	466	Scale		0	Yellow	3995
ES0305	2	3144	Mountain whitefish	360	430	Scale		0	Yellow	3996
ES0305	2	3145	Mountain whitefish	277	230	Scale		0	Yellow	3997
ES0305	2	3129	Mountain whitefish	357	450	Scale	7	0	Yellow	3982
ES0305	2	3135	Mountain whitefish	275	220	Scale		0	Yellow	3987
ES0305	2	3142	Mountain whitefish	352	432	Scale		0	Yellow	3994
ES0305	2	3146	Mountain whitefish	310	300	Scale		0	Yellow	3998
ES0305	3	6233	Bull trout	393	608	Fin Ray	4	0	Yellow	5919
ES0305	3	6217	Largescale sucker	245	184			0		
ES0305	3	6172	Largescale sucker	227	146			0		
ES0305	3	6213	Largescale sucker	172	60			0		
ES0305	3	6148	Largescale sucker	463	1444			0		
ES0305	3	6223	Largescale sucker	500	1400			0		
ES0305	3	6160	Longnose sucker	275	255			0		
ES0305	3	6190	Longnose sucker	402				0		
ES0305	3	6203	Longnose sucker	326	410			0		
ES0305	3	6150	Longnose sucker	362	604			0		
ES0305	3	6149	Longnose sucker	358	590			0		
ES0305	3	6169	Longnose sucker	320	448			0		
ES0305	3	6151	Longnose sucker	271	222			0		
ES0305	3	6152	Longnose sucker	269	254			0		
ES0305	3	6185	Longnose sucker	356	566			0		
ES0305	3	6159	Longnose sucker	390	736			0		
ES0305	3	6206	Longnose sucker	297	336			0		
ES0305	3	6204	Longnose sucker	399	816			0		
ES0305	3	6244	Longnose sucker	191	80			0		
ES0305	3	6226	Longnose sucker	413	900			0		
ES0305	3	6225	Longnose sucker	317	680			0		
ES0305	3	6224	Longnose sucker	383	746			0		
ES0305	3	6166	Mountain whitefish	319	274	Scale		0		
ES0305	3	6260	Mountain whitefish	300	304	Scale		0	Yellow	5941
ES0305	3	6245	Mountain whitefish	350	452	Scale		0		
ES0305	3	6251	Mountain whitefish	329	328	Scale		0	Yellow	5935
ES0305	3	6256	Mountain whitefish	307				2	Yellow	4001
ES0305	3	6196	Mountain whitefish	392	556	Scale		0	Yellow	5885
ES0305	3	6195	Mountain whitefish	388	522	Scale		0	Yellow	5886
ES0305	3	6194	Mountain whitefish	387	582	Scale		0	Yellow	5887
ES0305	3	6161	Mountain whitefish	452	970	Scale		0	Yellow	5870
ES0305	3	6252	Mountain whitefish	324	348	Scale		0	Yellow	5936
ES0305	3	6193	Mountain whitefish	362	468			0	Yellow	5888
ES0305	3	6192	Mountain whitefish	323	310	Scale		0	Yellow	5889
ES0305	3	6163	Mountain whitefish	338	412	Scale		0	Yellow	5872
ES0305	3	6240	Mountain whitefish	326	338	Scale		0	Yellow	5926
ES0305	3	6165	Mountain whitefish	456	1052	Scale		0	Yellow	5873

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0305	3	6155	Mountain whitefish	337	424	Scale	6	0	Yellow	5866
ES0305	3	6167	Mountain whitefish	402	638	Scale		0	Yellow	5874
ES0305	3	6168	Mountain whitefish	381				2	Yellow	3036
ES0305	3	6254	Mountain whitefish	352	456	Scale		0	Yellow	5938
ES0305	3	6170	Mountain whitefish	338	372	Scale		0	Yellow	5875
ES0305	3	6171	Mountain whitefish	357	446	Scale		0	Yellow	5876
ES0305	3	6173	Mountain whitefish	405	552	Scale		0	Yellow	5877
ES0305	3	6162	Mountain whitefish	342	382	Scale		0	Yellow	5871
ES0305	3	6153	Mountain whitefish	340	290	Scale		0	Yellow	5864
ES0305	3	6174	Mountain whitefish	344	426	Scale		0	Yellow	5878
ES0305	3	6147	Mountain whitefish	382	518	Scale		0	Yellow	5863
ES0305	3	6242	Mountain whitefish	254	188	Scale		0	Yellow	5928
ES0305	3	6258	Mountain whitefish	202	100	Scale		0		
ES0305	3	6243	Mountain whitefish	349	344	Scale		0	Yellow	5929
ES0305	3	6235	Mountain whitefish	324	346	Scale	6	0	Yellow	5921
ES0305	3	6253	Mountain whitefish	294	244	Scale		0	Yellow	5937
ES0305	3	6222	Mountain whitefish	272	204	Scale		0	Yellow	5912
ES0305	3	6262	Mountain whitefish	152	34	Scale		0		
ES0305	3	6261	Mountain whitefish	211	126	Scale		0		
ES0305	3	6247	Mountain whitefish	399	644	Scale		0	Yellow	5931
ES0305	3	6227	Mountain whitefish	352	420	Scale		0	Yellow	5913
ES0305	3	6228	Mountain whitefish	421	815	Scale		0	Yellow	5914
ES0305	3	6246	Mountain whitefish	358	466	Scale		0	Yellow	5930
ES0305	3	6229	Mountain whitefish	385	508	Scale		0	Yellow	5915
ES0305	3	6230	Mountain whitefish	430	830	Scale	9	0	Yellow	5916
ES0305	3	6248	Mountain whitefish	279	308	Scale		0	Yellow	5932
ES0305	3	6232	Mountain whitefish	438	834	Scale		0	Yellow	5918
ES0305	3	6157	Mountain whitefish	385	612	Scale		0	Yellow	5868
ES0305	3	6234	Mountain whitefish	326	356	Scale		0	Yellow	5920
ES0305	3	6156	Mountain whitefish	401	640	Scale		0	Yellow	5867
ES0305	3	6236	Mountain whitefish	338	408	Scale		0	Yellow	5922
ES0305	3	6237	Mountain whitefish	425	734	Scale		0	Yellow	5923
ES0305	3	6249	Mountain whitefish	326	360	Scale	6	0	Yellow	5933
ES0305	3	6238	Mountain whitefish	321	320	Scale		0	Yellow	5924
ES0305	3	6239	Mountain whitefish	320	348	Scale		0	Yellow	5925
ES0305	3	6259	Mountain whitefish	156	40	Scale		0		
ES0305	3	6250	Mountain whitefish	313	344	Scale		0	Yellow	5934
ES0305	3	6158	Mountain whitefish	330	386	Scale		0	Yellow	5869
ES0305	3	6241	Mountain whitefish	300	320	Scale		0	Yellow	5927
ES0305	3	6231	Mountain whitefish	371	532	Scale		0	Yellow	5917
ES0305	3	6164	Mountain whitefish	365	434	Scale		0		
ES0305	3	6154	Mountain whitefish	365	492	Scale		0	Yellow	5865
ES0305	3	6175	Mountain whitefish	327	366	Scale		0	Yellow	5879
ES0305	3	6221	Mountain whitefish	270	256	Scale		0	Yellow	5911
ES0305	3	6179	Mountain whitefish	430	798	Scale		0	Yellow	5898
ES0305	3	6207	Mountain whitefish	404	670	Scale		0	Yellow	5901
ES0305	3	6199	Mountain whitefish	342	456	Scale		0	Yellow	5882
ES0305	3	6209	Mountain whitefish	315	384	Scale	4	0	Yellow	5902
ES0305	3	6210	Mountain whitefish	381	490	Scale		0	Yellow	5903
ES0305	3	6219	Mountain whitefish	184	66	Scale		0		
ES0305	3	6211	Mountain whitefish	338	444	Scale		0	Yellow	5904
ES0305	3	6218	Mountain whitefish	306	316	Scale		0	Yellow	5909
ES0305	3	6182	Mountain whitefish	387	568	Scale		0	Yellow	5896
ES0305	3	6214	Mountain whitefish	341	372	Scale		0	Yellow	5906
ES0305	3	6215	Mountain whitefish	336	408	Scale		0	Yellow	5907
ES0305	3	6216	Mountain whitefish	321	366	Scale		0	Yellow	5908
ES0305	3	6212	Mountain whitefish	365	534	Scale		0	Yellow	5905
ES0305	3	6205	Mountain whitefish	325	354	Scale		0		
ES0305	3	6178	Mountain whitefish	322	352	Scale		0	Yellow	5899
ES0305	3	6198	Mountain whitefish	375	450	Scale		0	Yellow	5883
ES0305	3	6257	Mountain whitefish	346	394	Scale		0	Yellow	5940
ES0305	3	6220	Mountain whitefish	329	370	Scale		0	Yellow	5910
ES0305	3	6177	Mountain whitefish	372	546	Scale		0	Yellow	5900
ES0305	3	6176	Mountain whitefish	349	462	Scale		0	Yellow	5880
ES0305	3	6180	Mountain whitefish	226	114	Scale		0		
ES0305	3	6181	Mountain whitefish	388	568	Scale		0	Yellow	5897
ES0305	3	6183	Mountain whitefish	307	324	Scale		0	Yellow	5895
ES0305	3	6184	Mountain whitefish	247	148	Scale		0		
ES0305	3	6186	Mountain whitefish	265	198	Scale		0	Yellow	5894

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0305	3	6197	Mountain whitefish	338	390	Scale		0	Yellow	5884
ES0305	3	6188	Mountain whitefish	305	290	Scale		0	Yellow	5892
ES0305	3	6189	Mountain whitefish	288	284	Scale	4	0	Yellow	5891
ES0305	3	6191	Mountain whitefish	333	358	Scale		0	Yellow	5890
ES0305	3	6187	Mountain whitefish	404	624	Scale		0	Yellow	5893
ES0305	3	6202	Mountain whitefish	380	508	Scale		0		
ES0305	3	6255	Mountain whitefish	324	322	Scale		0	Yellow	5939
ES0305	3	6201	Mountain whitefish	266	204	Scale		0	Yellow	5881
ES0305	3	6208	Mountain whitefish	205	88	Scale		0		
ES0305	3	6200	Mountain whitefish	152	32	Scale		0		
ES0305		13332	Mountain whitefish	321	380	Scale		0	Yellow	6234
ES0305		13321	Mountain whitefish	321	298	Scale		0	Yellow	6223
ES0305		13320	Mountain whitefish	326	336	Scale		0	Yellow	6222
ES0305		13330	Mountain whitefish	299	276	Scale		0	Yellow	6232
ES0305		13329	Mountain whitefish	274	252	Scale		0	Yellow	6231
ES0305		13325	Mountain whitefish	255	176	Scale		0	Yellow	6227
ES0305		13328	Mountain whitefish	394	570	Scale		0	Yellow	6229
ES0305		13322	Mountain whitefish	304	338	Scale		0	Yellow	6224
ES0305		13333	Mountain whitefish	312	306	Scale		0	Yellow	6235
ES0305		13327	Mountain whitefish	321	350	Scale		0	Yellow	6230
ES0305		13326	Mountain whitefish	267	222	Scale		0	Yellow	6228
ES0305		13331	Mountain whitefish	342	378	Scale		0	Yellow	6233
ES0305		13323	Mountain whitefish	324	254	Scale		0	Yellow	6225
ES0305		13324	Mountain whitefish	380	502	Scale		0	Yellow	6226
ES0305	4	8703	Bull trout	366	530	Fin Ray	4	0	Yellow	7396
ES0305	4	8633	Kokanee	275	232			0		
ES0305	4	8630	Largescale sucker	498	1468			0		
ES0305	4	8648	Largescale sucker	505	1502			0		
ES0305	4	8700	Largescale sucker	273	222			0		
ES0305	4	8632	Largescale sucker	425	940			0		
ES0305	4	8631	Longnose sucker	393	804			0		
ES0305	4	8706	Longnose sucker	364	596			0		
ES0305	4	8728	Longnose sucker	266	220			0		
ES0305	4	8730	Longnose sucker	250	206			0		
ES0305	4	8731	Longnose sucker	206	108			0		
ES0305	4	8704	Longnose sucker	375	684			0		
ES0305	4	8733	Longnose sucker	263	208			0		
ES0305	4	8729	Longnose sucker	254	208			0		
ES0305	4	8701	Longnose sucker	422	838			0		
ES0305	4	8732	Longnose sucker	327	440			0		
ES0305	4	8656	Mountain whitefish	389	556	Scale		0	Yellow	7357
ES0305	4	8707	Mountain whitefish	313	320			2	Yellow	5909
ES0305	4	8709	Mountain whitefish	337	406	Scale		0	Yellow	7398
ES0305	4	8710	Mountain whitefish	301	288	Scale		1		
ES0305	4	8658	Mountain whitefish	386	548	Scale		0	Yellow	7359
ES0305	4	8639	Mountain whitefish	361	458	Scale		0	Yellow	7346
ES0305	4	8708	Mountain whitefish	353	456	Scale		0	Yellow	7397
ES0305	4	8702	Mountain whitefish	328	388	Scale		0	Yellow	7395
ES0305	4	8722	Mountain whitefish	358	468	Scale		0	Yellow	7411
ES0305	4	8687	Mountain whitefish	381	562	Scale		0	Yellow	7383
ES0305	4	8686	Mountain whitefish	329	400	Scale	4	0	Yellow	7382
ES0305	4	8685	Mountain whitefish	343	392	Scale		0	Yellow	7381
ES0305	4	8642	Mountain whitefish	373	548	Scale		0	Yellow	7348
ES0305	4	8692	Mountain whitefish	325	342	Scale		0	Yellow	7387
ES0305	4	8635	Mountain whitefish	356	506	Scale		0	Yellow	7344
ES0305	4	8646	Mountain whitefish	335	400			2	Yellow	3021
ES0305	4	8645	Mountain whitefish	354	486	Scale		0	Yellow	7350
ES0305	4	8644	Mountain whitefish	373	568	Scale		0	Yellow	7349
ES0305	4	8705	Mountain whitefish	238	146	Scale		0		
ES0305	4	8643	Mountain whitefish	313	350	Scale	5	0		
ES0305	4	8716	Mountain whitefish	341	434	Scale		0	Yellow	7405
ES0305	4	8684	Mountain whitefish	325	304	Scale		0	Yellow	7380
ES0305	4	8657	Mountain whitefish	336	416	Scale		0	Yellow	7358
ES0305	4	8672	Mountain whitefish	304	256	Scale		0	Yellow	7370
ES0305	4	8649	Mountain whitefish	362	436	Scale		0	Yellow	7352
ES0305	4	8654	Mountain whitefish	403	536	Scale		0	Yellow	7355
ES0305	4	8653	Mountain whitefish	325	336			2	Yellow	5889
ES0305	4	8652	Mountain whitefish	290	278			2	Yellow	3025
ES0305	4	8651	Mountain whitefish	396	540	Scale		0	Yellow	7354

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0305	4	8637	Mountain whitefish	328	344			2	Yellow	5921
ES0305	4	8666	Mountain whitefish	355	420	Scale		0	Yellow	7366
ES0305	4	8636	Mountain whitefish	340	342			2	Yellow	3966
ES0305	4	8726	Mountain whitefish	249	162	Scale		0		
ES0305	4	8677	Mountain whitefish	325	380	Scale		0	Yellow	7374
ES0305	4	8727	Mountain whitefish	275	234	Scale		0		
ES0305	4	8675	Mountain whitefish	298	246	Scale		0	Yellow	7372
ES0305	4	8674	Mountain whitefish	327	358	Scale		0	Yellow	7371
ES0305	4	8670	Mountain whitefish	295	236	Scale		0	Yellow	7368
ES0305	4	8650	Mountain whitefish	405	584	Scale		0	Yellow	7353
ES0305	4	8680	Mountain whitefish	346	460	Scale		0	Yellow	7376
ES0305	4	8647	Mountain whitefish	370	520	Scale		0	Yellow	7351
ES0305	4	8659	Mountain whitefish	292	272	Scale		0	Yellow	7360
ES0305	4	8661	Mountain whitefish	391	480	Scale		0	Yellow	7362
ES0305	4	8662	Mountain whitefish	330	392	Scale		0	Yellow	7363
ES0305	4	8663	Mountain whitefish	341	380		5	2	Yellow	3010
ES0305	4	8664	Mountain whitefish	331	390	Scale		0	Yellow	7364
ES0305	4	8638	Mountain whitefish	343	442	Scale		0	Yellow	7345
ES0305	4	8681	Mountain whitefish	373	494	Scale		0	Yellow	7377
ES0305	4	8676	Mountain whitefish	370	520	Scale		0	Yellow	7373
ES0305	4	8679	Mountain whitefish	395	652	Scale		0	Yellow	7356
ES0305	4	8665	Mountain whitefish	392	614	Scale		0	Yellow	7365
ES0305	4	8655	Mountain whitefish	344	416			2	Yellow	3024
ES0305	4	8641	Mountain whitefish	380	706	Scale		0	Yellow	7347
ES0305	4	8634	Mountain whitefish	398	616	Scale		0	Yellow	7343
ES0305	4	8698	Mountain whitefish	316	332	Scale		0	Yellow	7393
ES0305	4	8671	Mountain whitefish	445	920	Scale		0	Yellow	7369
ES0305	4	8719	Mountain whitefish	290	276	Scale		0	Yellow	7408
ES0305	4	8713	Mountain whitefish	344	406	Scale		0	Yellow	7403
ES0305	4	8712	Mountain whitefish	386	542	Scale		0	Yellow	7402
ES0305	4	8711	Mountain whitefish	324	328	Scale		0	Yellow	7399
ES0305	4	8682	Mountain whitefish	325	354	Scale		0	Yellow	7378
ES0305	4	8699	Mountain whitefish	403	634	Scale		0	Yellow	7394
ES0305	4	8678	Mountain whitefish	313	308	Scale		0	Yellow	7375
ES0305	4	8688	Mountain whitefish	304	292	Scale		0	Yellow	7384
ES0305	4	8718	Mountain whitefish	311	338	Scale		0	Yellow	7407
ES0305	4	8724	Mountain whitefish	375	496	Scale		0	Yellow	7413
ES0305	4	8720	Mountain whitefish	330	364	Scale		0	Yellow	7409
ES0305	4	8721	Mountain whitefish	330	352	Scale		0	Yellow	7410
ES0305	4	8715	Mountain whitefish	316	238	Scale		0		
ES0305	4	8723	Mountain whitefish	362	462	Scale		0	Yellow	7412
ES0305	4	8714	Mountain whitefish	343	440	Scale		0	Yellow	7404
ES0305	4	8725	Mountain whitefish	353	484	Scale		0	Yellow	7414
ES0305	4	8717	Mountain whitefish	307	314	Scale		0	Yellow	7406
ES0305	4	8673	Mountain whitefish	405	646			2	Yellow	5893
ES0305	4	8683	Mountain whitefish	320	340	Scale		0	Yellow	7379
ES0305	4	8691	Mountain whitefish	333	422	Scale		0	Yellow	7386
ES0305	4	8696	Mountain whitefish	300	268	Scale		0	Yellow	7391
ES0305	4	8693	Mountain whitefish	307	290	Scale		0	Yellow	7388
ES0305	4	8694	Mountain whitefish	311	296	Scale		0	Yellow	7389
ES0305	4	8695	Mountain whitefish	318	344	Scale		0	Yellow	7390
ES0305	4	8669	Mountain whitefish	330	364			2	Yellow	5933
ES0305	4	8668	Mountain whitefish	335	332	Scale		0	Yellow	7367
ES0305	4	8697	Mountain whitefish	357	418	Scale		0	Yellow	7392
ES0305	4	8667	Mountain whitefish	276	238			2	Yellow	325
ES0305	4	8640	Mountain whitefish	295	270			2	Yellow	3012
ES0305	4	8690	Mountain whitefish	358	502	Scale		0	Yellow	7385
ES0305	4	8689	Mountain whitefish	322	316			2	Yellow	3029
ES0305	4	8660	Mountain whitefish	338	378	Scale		0	Yellow	7361
ES0305	5	10792	Mountain whitefish	320				2	Yellow	5925
ES0305	5	10793	Mountain whitefish	414				2	Yellow	3975
ES0305	5	10794	Mountain whitefish	400				2	Yellow	3932
ES0305	5	10798	Mountain whitefish	382				2	Yellow	5903
ES0305	5	10805	Mountain whitefish	314				2	Yellow	5909
ES0305	5	10808	Mountain whitefish	403				2	Yellow	5931
ES0305	5	10813	Mountain whitefish	314				2	Yellow	3985
ES0305	5	10812	Mountain whitefish	380				2	Yellow	3030
ES0305	5	10811	Mountain whitefish	382				2	Yellow	3036
ES0305	5	10810	Mountain whitefish	282				2	Yellow	3997

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0305	5	10809	Mountain whitefish	357				2	Yellow	335
ES0305	5	10814	Mountain whitefish	353				2	Yellow	5913
ES0305	5	10796	Mountain whitefish	389				2	Yellow	3028
ES0305	5	10806	Mountain whitefish	344				2	Yellow	7404
ES0305	5	10795	Mountain whitefish	340				2	Yellow	7398
ES0305	5	10804	Mountain whitefish	382				2	Yellow	7383
ES0305	5	10803	Mountain whitefish	345				2	Yellow	5968
ES0305	5	10802	Mountain whitefish	325				2	Yellow	3969
ES0305	5	10801	Mountain whitefish	309				2	Yellow	5941
ES0305	5	10799	Mountain whitefish	313				2	Yellow	4001
ES0305	5	10797	Mountain whitefish	317				2	Yellow	7393
ES0305	5	10800	Mountain whitefish	354				2	Yellow	3979
ES0305	5	10807	Mountain whitefish	324				2	Yellow	5924
ES0305	6	12428	Bull trout	400	654	Fin Ray	4	0	Yellow	7906
ES0305	6	12523	Mountain whitefish	400				2	Yellow	4860
ES0305	6	12522	Mountain whitefish	406				2	Yellow	3011
ES0305	6	12528	Mountain whitefish	381				2	Yellow	7383
ES0305	6	12532	Mountain whitefish	357				2	Yellow	4523
ES0305	6	12531	Mountain whitefish	333				2	Yellow	3180
ES0305	6	12529	Mountain whitefish	417				2	Yellow	5914
ES0305	6	12519	Mountain whitefish	362				2	Yellow	3996
ES0305	6	12520	Mountain whitefish	305				2	Yellow	7370
ES0305	6	12518	Mountain whitefish	362				2	Yellow	4343
ES0305	6	12530	Mountain whitefish	331				2	Yellow	2933
ES0305	6	12524	Mountain whitefish	379				2	Yellow	5963
ES0305	6	12525	Mountain whitefish	340				2	Yellow	7405
ES0305	6	12521	Mountain whitefish	336				2	Yellow	5875
ES0305	6	12526	Mountain whitefish	300				2	Yellow	7462
ES0305	6	12527	Mountain whitefish	320				2	Yellow	3029
ES0306	1	1639	Largescale sucker	419	906			0		
ES0306	1	1624	Largescale sucker	466	1150			0		
ES0306	1	1638	Largescale sucker	417	1052			0		
ES0306	1	1636	Largescale sucker	448	1264			0		
ES0306	1	1631	Longnose sucker	408	828			0		
ES0306	1	1643	Longnose sucker	204	94			0		
ES0306	1	1640	Longnose sucker	365	626			0		
ES0306	1	1635	Longnose sucker	395	892			0		
ES0306	1	1634	Longnose sucker	382	718			0		
ES0306	1	1644	Longnose sucker	452				0		
ES0306	1	1632	Longnose sucker	443	1024			0		
ES0306	1	1627	Longnose sucker	418	860			0		
ES0306	1	1630	Longnose sucker	454	1288			0		
ES0306	1	1620	Longnose sucker	386	762			0		
ES0306	1	1628	Longnose sucker	451	1278			0		
ES0306	1	1626	Longnose sucker	457	1162			0		
ES0306	1	1625	Longnose sucker	380	688			0		
ES0306	1	1623	Longnose sucker	278	254			0		
ES0306	1	1622	Longnose sucker	401	530			0		
ES0306	1	1621	Longnose sucker	445	1110			0		
ES0306	1	1629	Longnose sucker	404	742			0		
ES0306	1	1633	Longnose sucker	398	728			0		
ES0306	1	1619	Mountain whitefish	408	588	Scale		0	Yellow	3037
ES0306	1	1642	Mountain whitefish	384	470	Scale		0	Yellow	3041
ES0306	1	1637	Mountain whitefish	321	360	Scale		0	Yellow	3038
ES0306	1	1641	Mountain whitefish	324		Scale		0	Yellow	3039
ES0306	2	3812	Largescale sucker	498	1568			0		
ES0306	2	3819	Largescale sucker	389	764			0		
ES0306	2	3816	Largescale sucker	483	1240			0		
ES0306	2	3811	Largescale sucker	428	998			0		
ES0306	2	3818	Longnose sucker	340	468			0		
ES0306	2	3815	Longnose sucker	371	628			0		
ES0306	2	3806	Longnose sucker	413	817			0		
ES0306	2	3825	Longnose sucker	415	854			0		
ES0306	2	3814	Longnose sucker	377	720			0		
ES0306	2	3817	Longnose sucker	400	804			0		
ES0306	2	3813	Longnose sucker	412	868			0		
ES0306	2	3808	Longnose sucker	398	728			0		
ES0306	2	3807	Longnose sucker	425	926			0		
ES0306	2	3833	Longnose sucker	245	160			0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0306	2	3810	Longnose sucker	424	1000			0		
ES0306	2	3821	Mountain whitefish	383	452	Scale		0	Yellow	4448
ES0306	2	3823	Mountain whitefish	353	366	Scale		0	Yellow	4450
ES0306	2	3822	Mountain whitefish	373	584	Scale		0	Yellow	4449
ES0306	2	3832	Mountain whitefish	342	382	Scale		0	Yellow	4458
ES0306	2	3820	Mountain whitefish	403	638	Scale		0	Yellow	4447
ES0306	2	3826	Mountain whitefish	407	636	Scale		0	Yellow	4452
ES0306	2	3827	Mountain whitefish	386	554	Scale		0	Yellow	4453
ES0306	2	3828	Mountain whitefish	327	354	Scale		0	Yellow	4454
ES0306	2	3829	Mountain whitefish	365	480	Scale		0	Yellow	4455
ES0306	2	3830	Mountain whitefish	351	372	Scale		0	Yellow	4456
ES0306	2	3831	Mountain whitefish	295	290	Scale		0	Yellow	4457
ES0306	2	3824	Mountain whitefish	392	640	Scale		0	Yellow	4451
ES0306	2	3809	Northern pikeminnow	418	920			0		
ES0306	3	6136	Bull trout	430	850			2	Yellow	1582
ES0306	3	6090	Largescale sucker	412	884			0		
ES0306	3	6091	Largescale sucker	396	754			0		
ES0306	3	6119	Largescale sucker	307	370			0		
ES0306	3	6092	Largescale sucker	382	720			0		
ES0306	3	6108	Largescale sucker	290	266			0		
ES0306	3	6103	Largescale sucker	467	1406			0		
ES0306	3	6102	Largescale sucker	379	834			0		
ES0306	3	6145	Largescale sucker	229	142			0		
ES0306	3	6134	Longnose sucker	408	888			0		
ES0306	3	6142	Longnose sucker	237	180			0		
ES0306	3	6097	Longnose sucker	421	994			0		
ES0306	3	6104	Longnose sucker	414	986			0		
ES0306	3	6105	Longnose sucker	374	752			0		
ES0306	3	6100	Longnose sucker	405	804			0		
ES0306	3	6111	Longnose sucker	425	918			0		
ES0306	3	6093	Longnose sucker	355	644			0		
ES0306	3	6094	Longnose sucker	369	674			0		
ES0306	3	6098	Longnose sucker	400	790			0		
ES0306	3	6107	Longnose sucker	450	1098			0		
ES0306	3	6121	Longnose sucker	282	282			0		
ES0306	3	6112	Longnose sucker	425	1524			0		
ES0306	3	6106	Longnose sucker	427	1158			0		
ES0306	3	6101	Longnose sucker	415	886			0		
ES0306	3	6099	Longnose sucker	381	724			0		
ES0306	3	6109	Longnose sucker	373	368			0		
ES0306	3	6110	Longnose sucker	303	336			0		
ES0306	3	6095	Longnose sucker	416	940			2	Yellow	1431
ES0306	3	6096	Longnose sucker	380	682			0		
ES0306	3	6127	Mountain whitefish	367	422	Scale	7	0	Yellow	5849
ES0306	3	6144	Mountain whitefish	333	374	Scale	6	0	Yellow	5861
ES0306	3	6143	Mountain whitefish	339	388	Scale		0	Yellow	5860
ES0306	3	6146	Mountain whitefish	346	414	Scale		0	Yellow	5862
ES0306	3	6141	Mountain whitefish	341	486	Scale		0	Yellow	5859
ES0306	3	6117	Mountain whitefish	297	268	Scale		0	Yellow	5843
ES0306	3	6126	Mountain whitefish	405				2	Yellow	3037
ES0306	3	6140	Mountain whitefish	226	128	Scale		0		
ES0306	3	6125	Mountain whitefish	361	472	Scale		0	Yellow	5848
ES0306	3	6139	Mountain whitefish	386	622	Scale		0	Yellow	5858
ES0306	3	6123	Mountain whitefish	376	496	Scale		0	Yellow	5847
ES0306	3	6122	Mountain whitefish	321	334	Scale		0	Yellow	5846
ES0306	3	6120	Mountain whitefish	352	368	Scale		0	Yellow	5845
ES0306	3	6113	Mountain whitefish	412	666	Scale	9	0	Yellow	5840
ES0306	3	6114	Mountain whitefish	368	506	Scale		0	Yellow	5841
ES0306	3	6115	Mountain whitefish	348	482	Scale	6	0		
ES0306	3	6116	Mountain whitefish	348	374	Scale		0	Yellow	5842
ES0306	3	6118	Mountain whitefish	393	556	Scale		0	Yellow	5844
ES0306	3	6124	Mountain whitefish	325				2	Yellow	3020
ES0306	3	6137	Mountain whitefish	283	254	Scale		0	Yellow	5856
ES0306	3	6130	Mountain whitefish	276	238	Scale		0	Yellow	5852
ES0306	3	6128	Mountain whitefish	373	502	Scale		0	Yellow	5850
ES0306	3	6135	Mountain whitefish	357	454	Scale		0	Yellow	5855
ES0306	3	6133	Mountain whitefish	302	272	Scale		0	Yellow	5854
ES0306	3	6132	Mountain whitefish	333	344	Scale		0	Yellow	5853
ES0306	3	6131	Mountain whitefish	340	364	Scale		2	Yellow	341

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 3										
ES0306	3	6138	Mountain whitefish	325	364	Scale		0	Yellow	5857
ES0306	3	6129	Mountain whitefish	350	406	Scale		0	Yellow	5851
ES0306	4	8734	Bull trout	571	1992	Fin Ray	7	0	Yellow	7415
ES0306	4	8744	Bull trout	495	1098	Fin Ray	5	0	Yellow	7416
ES0306	4	8735	Largescale sucker	370	628			0		
ES0306	4	8742	Longnose sucker	280	266			0		
ES0306	4	8739	Longnose sucker	370	606			0		
ES0306	4	8743	Longnose sucker	370	616			0		
ES0306	4	8738	Longnose sucker	394	712			0		
ES0306	4	8737	Longnose sucker	320	432			0		
ES0306	4	8741	Longnose sucker	430	922			0		
ES0306	4	8736	Longnose sucker	374	706			0		
ES0306	4	8740	Longnose sucker	416	906			0		
ES0306	4	8757	Longnose sucker	187	70			0		
ES0306	4	8750	Mountain whitefish	410	632	Scale		0	Yellow	7420
ES0306	4	8754	Mountain whitefish	324	346	Scale		0	Yellow	7424
ES0306	4	8758	Mountain whitefish	325	360	Scale		0	Yellow	7426
ES0306	4	8753	Mountain whitefish	361	448	Scale		0	Yellow	7423
ES0306	4	8752	Mountain whitefish	337	432	Scale		0	Yellow	7422
ES0306	4	8759	Mountain whitefish	283	246	Scale		0	Yellow	7427
ES0306	4	8747	Mountain whitefish	377	506			2	Yellow	5847
ES0306	4	8756	Mountain whitefish	380	520	Scale		0	Yellow	7401
ES0306	4	8746	Mountain whitefish	417	792			2	Yellow	5914
ES0306	4	8745	Mountain whitefish	456	1064	Scale		0	Yellow	7417
ES0306	4	8748	Mountain whitefish	326	566	Scale		0	Yellow	7418
ES0306	4	8751	Mountain whitefish	337	406	Scale		0	Yellow	7421
ES0306	4	8761	Mountain whitefish	340	446	Scale		0	Yellow	7429
ES0306	4	8760	Mountain whitefish	276	218	Scale		0	Yellow	7428
ES0306	4	8749	Mountain whitefish	395	654	Scale		0	Yellow	7419
ES0306	4	8755	Mountain whitefish	350	452	Scale		0	Yellow	7425
ES0306	4	8763	Mountain whitefish	341	376	Scale		0	Yellow	7431
ES0306	4	8762	Mountain whitefish	285	250	Scale		0	Yellow	7430
ES0306	5	10816	Bull trout	330	332	Fin Ray	3	0	Yellow	7883
ES0306	5	10815	Bull trout	320	290	Fin Ray	4	0	Yellow	7881
ES0306	5	10844	Mountain whitefish	355				2	Yellow	5855
ES0306	5	10841	Mountain whitefish	378				2	Yellow	478
ES0306	5	10842	Mountain whitefish	341				2	Yellow	7334
ES0306	5	10840	Mountain whitefish	353				2	Yellow	5836
ES0306	5	10839	Mountain whitefish	375				2	Yellow	7347
ES0306	5	10843	Mountain whitefish	357				2	Yellow	7423
ES0306	6	12563	Bull trout	330				2	Yellow	7883
ES0306	6	12562	Mountain whitefish	321				2	Yellow	7363
ES0307	1	1649	Longnose sucker	443	1008			0		
ES0307	1	1646	Longnose sucker	199	88			0		
ES0307	1	1653	Mountain whitefish	318	378	Scale		0	Yellow	3046
ES0307	1	1656	Mountain whitefish	381	512	Scale		0	Yellow	3049
ES0307	1	1650	Mountain whitefish	425	684	Scale		0	Yellow	3044
ES0307	1	1645	Mountain whitefish	321	386	Scale		0		
ES0307	1	1647	Mountain whitefish	357	456			0	Yellow	3042
ES0307	1	1651	Mountain whitefish	340	380	Scale		0	Yellow	3045
ES0307	1	1652	Mountain whitefish	228	134	Scale		0		
ES0307	1	1654	Mountain whitefish	344	436	Scale		0	Yellow	3047
ES0307	1	1648	Mountain whitefish	337	342	Scale		0	Yellow	3043
ES0307	1	1655	Mountain whitefish	365	432	Scale		0	Yellow	3048
ES0307	1	1657	Mountain whitefish	321	322	Scale		0	Yellow	3050
ES0307	1	1662	Mountain whitefish	334	346	Scale		0	Yellow	3054
ES0307	1	1661	Mountain whitefish	348	386	Scale		0	Yellow	3053
ES0307	1	1660	Mountain whitefish	392	216	Scale		0	Yellow	3052
ES0307	1	1659	Mountain whitefish	337	362	Scale		0	Yellow	3051
ES0307	1	1658	Mountain whitefish	324	332	Scale		0	Yellow	3040
ES0307	2	3687	Longnose sucker	397	766			0		
ES0307	2	3699	Mountain whitefish	295	296	Scale		0	Yellow	4383
ES0307	2	3684	Mountain whitefish	478	948	Scale	9	0	Yellow	4373
ES0307	2	3693	Mountain whitefish	273	194	Scale	3	0	Yellow	4379
ES0307	2	3690	Mountain whitefish	270	216	Scale		0	Yellow	4376
ES0307	2	3695	Mountain whitefish	234	138	Scale	3	0		
ES0307	2	3697	Mountain whitefish	235	132	Scale		0		
ES0307	2	3691	Mountain whitefish	330	378	Scale	5	0	Yellow	4377
ES0307	2	3698	Mountain whitefish	364	482	Scale		0	Yellow	4382

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0307	2	3692	Mountain whitefish	266	198	Scale		0	Yellow	4378
ES0307	2	3700	Mountain whitefish	243	132	Scale		0		
ES0307	2	3689	Mountain whitefish	320	324	Scale		0	Yellow	4375
ES0307	2	3694	Mountain whitefish	347	410	Scale		0	Yellow	4380
ES0307	2	3682	Mountain whitefish	282	228	Scale		0	Yellow	4371
ES0307	2	3670	Mountain whitefish	356	468	Scale		0	Yellow	4361
ES0307	2	3646	Mountain whitefish	421	622	Scale		0	Yellow	4342
ES0307	2	3662	Mountain whitefish	360	408	Scale		0	Yellow	4353
ES0307	2	3657	Mountain whitefish	351	438	Scale		0	Yellow	4351
ES0307	2	3663	Mountain whitefish	275	222	Scale		0	Yellow	4354
ES0307	2	3651	Mountain whitefish	356	388	Scale		0	Yellow	4346
ES0307	2	3650	Mountain whitefish	365	502	Scale		0	Yellow	4345
ES0307	2	3649	Mountain whitefish	340	360			2	Yellow	3051
ES0307	2	3701	Mountain whitefish	240	132	Scale		0		
ES0307	2	3653	Mountain whitefish	412	676	Scale	9	0	Yellow	4348
ES0307	2	3648	Mountain whitefish	340	372	Scale		0	Yellow	4344
ES0307	2	3678	Mountain whitefish	338	346			2	Yellow	3043
ES0307	2	3677	Mountain whitefish	348	302	Scale		0	Yellow	4367
ES0307	2	3676	Mountain whitefish	344	448	Scale		0	Yellow	4366
ES0307	2	3652	Mountain whitefish	346	376	Scale		0	Yellow	4347
ES0307	2	3675	Mountain whitefish	235	134	Scale		0		
ES0307	2	3669	Mountain whitefish	381	508	Scale		0	Yellow	4360
ES0307	2	3674	Mountain whitefish	322	334	Scale		0	Yellow	4365
ES0307	2	3672	Mountain whitefish	301	282	Scale		0	Yellow	4363
ES0307	2	3686	Mountain whitefish	325	382			2	Yellow	3046
ES0307	2	3673	Mountain whitefish	291	250	Scale		0	Yellow	4364
ES0307	2	3688	Mountain whitefish	308	296	Scale		0	Yellow	4374
ES0307	2	3658	Mountain whitefish	137	28	Scale		0		
ES0307	2	3671	Mountain whitefish	360	434	Scale		0	Yellow	4362
ES0307	2	3680	Mountain whitefish	318	364	Scale		0	Yellow	4369
ES0307	2	3681	Mountain whitefish	316	314	Scale		0	Yellow	4370
ES0307	2	3654	Mountain whitefish	351	412			2	Yellow	3178
ES0307	2	3655	Mountain whitefish	323	324	Scale		0	Yellow	4349
ES0307	2	3696	Mountain whitefish	271	190	Scale		0	Yellow	4381
ES0307	2	3685	Mountain whitefish	269	180			2	Yellow	3009
ES0307	2	3661	Mountain whitefish	271	198	Scale		0	Yellow	4352
ES0307	2	3679	Mountain whitefish	342	382	Scale		0	Yellow	4368
ES0307	2	3659	Mountain whitefish	339	354			2	Yellow	3054
ES0307	2	3667	Mountain whitefish	327	366	Scale		0	Yellow	4358
ES0307	2	3666	Mountain whitefish	383	540	Scale		0	Yellow	4357
ES0307	2	3665	Mountain whitefish	379	552	Scale		0	Yellow	4356
ES0307	2	3668	Mountain whitefish	280	210	Scale		0	Yellow	4359
ES0307	2	3664	Mountain whitefish	270	190	Scale		0	Yellow	4355
ES0307	2	3683	Mountain whitefish	367	476	Scale		0	Yellow	4372
ES0307	2	3656	Mountain whitefish	348	370	Scale		0	Yellow	4350
ES0307	2	3645	Mountain whitefish	347	412			2	Yellow	3198
ES0307	2	3647	Mountain whitefish	364	460	Scale		0	Yellow	4343
ES0307	2	3660	Mountain whitefish	163	38	Scale		0		
ES0307	3	6535	Longnose sucker	422	920			0		
ES0307	3	6565	Mountain whitefish	261	182	Scale		0	Yellow	6126
ES0307	3	6563	Mountain whitefish	284	258	Scale		0	Yellow	6124
ES0307	3	6558	Mountain whitefish	344	406	Scale		0	Yellow	6119
ES0307	3	6560	Mountain whitefish	263	182	Scale		0	Yellow	6121
ES0307	3	6562	Mountain whitefish	340	418	Scale		0	Yellow	6123
ES0307	3	6539	Mountain whitefish	285	244	Scale		0	Yellow	6110
ES0307	3	6538	Mountain whitefish	264	194	Scale		0	Yellow	6109
ES0307	3	6557	Mountain whitefish	333	380	Scale		0	Yellow	6118
ES0307	3	6536	Mountain whitefish	156	40	Scale		0		
ES0307	3	6561	Mountain whitefish	319	309	Scale		0	Yellow	6122
ES0307	3	6559	Mountain whitefish	330	344	Scale		0	Yellow	6120
ES0307	3	6541	Mountain whitefish	345	380	Scale		0	Yellow	6111
ES0307	3	6550	Mountain whitefish	362				2	Yellow	4343
ES0307	3	6542	Mountain whitefish	239	138	Scale		0		
ES0307	3	6537	Mountain whitefish	277	208	Scale		0	Yellow	6108
ES0307	3	6549	Mountain whitefish	350				2	Yellow	3053
ES0307	3	6544	Mountain whitefish	161	42	Scale		0		
ES0307	3	6545	Mountain whitefish	311	310	Scale		0	Yellow	6113
ES0307	3	6546	Mountain whitefish	156	40	Scale		0		
ES0307	3	6564	Mountain whitefish	352	400	Scale		0	Yellow	6125



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0307	3	6556	Mountain whitefish	372	428	Scale		0	Yellow	6117
ES0307	3	6547	Mountain whitefish	335	396	Scale		0	Yellow	6114
ES0307	3	6543	Mountain whitefish	250	152	Scale	3	0	Yellow	6112
ES0307	3	6548	Mountain whitefish	357				2	Yellow	4351
ES0307	3	6552	Mountain whitefish	221	94	Scale		0		
ES0307	3	6551	Mountain whitefish	325				2	Yellow	3050
ES0307	3	6540	Mountain whitefish	240	130	Scale		0		
ES0307	3	6553	Mountain whitefish	345	376	Scale		0	Yellow	6115
ES0307	3	6554	Mountain whitefish	255	154	Scale		0	Yellow	6116
ES0307	3	6555	Mountain whitefish	226	112	Scale	3	0		
ES0307	4	8911	Bull trout	528	1810	Fin Ray	6	0	Yellow	7519
ES0307	4	8902	Longnose sucker	428	966			0		
ES0307	4	8903	Longnose sucker	418	868			0		
ES0307	4	8904	Longnose sucker	356	610			0		
ES0307	4	8905	Mountain whitefish	346	394			2	Yellow	3053
ES0307	4	8918	Mountain whitefish	276	202	Scale	3	0	Yellow	7524
ES0307	4	8908	Mountain whitefish	346	386	Scale		0	Yellow	7517
ES0307	4	8910	Mountain whitefish	337	402	Scale		0	Yellow	7518
ES0307	4	8912	Mountain whitefish	171	52	Scale		0		
ES0307	4	8909	Mountain whitefish	349	372			2	Yellow	4350
ES0307	4	8915	Mountain whitefish	364	462	Scale		0	Yellow	7521
ES0307	4	8916	Mountain whitefish	342	442	Scale		0	Yellow	7522
ES0307	4	8917	Mountain whitefish	333	374	Scale		0	Yellow	7523
ES0307	4	8914	Mountain whitefish	211	94	Scale		0		
ES0307	4	8919	Mountain whitefish	270	212	Scale		0	Yellow	7525
ES0307	4	8907	Mountain whitefish	339	346			2	Yellow	3043
ES0307	4	8906	Mountain whitefish	411	628	Scale		0	Yellow	7516
ES0307	4	8913	Mountain whitefish	320	316	Scale		0	Yellow	7520
ES0307	5	10599	Bull trout	465	1000	Fin Ray	5	0	Yellow	7882
ES0307	5	10624	Mountain whitefish	430				2	Yellow	5923
ES0307	5	10622	Mountain whitefish	332				2	Yellow	6145
ES0307	5	10623	Mountain whitefish	340				2	Yellow	6119
ES0307	5	10626	Mountain whitefish	255				2	Yellow	7281
ES0307	5	10627	Mountain whitefish	312				2	Yellow	4341
ES0307	5	10625	Mountain whitefish	345				2	Yellow	4347
ES0307	6	12730	Mountain whitefish	323				2	Yellow	4369
ES0307	6	12725	Mountain whitefish	359				2	Yellow	4331
ES0307	6	12727	Mountain whitefish	365				2	Yellow	7521
ES0307	6	12729	Mountain whitefish	323				2	Yellow	7520
ES0307	6	12724	Mountain whitefish	330				2	Yellow	3631
ES0307	6	12726	Mountain whitefish	328				2	Yellow	7523
ES0307	6	12728	Mountain whitefish	320				2	Yellow	3050
ES0308	1	1665	Bull trout	457	968	Fin Ray	6	0	Yellow	3055
ES0308	1	1664	Longnose sucker	405	870			0		
ES0308	1	1663	Longnose sucker	353	473			0		
ES0308	1	1674	Mountain whitefish	235	126	Scale		0		
ES0308	1	1675	Mountain whitefish	269	200	Scale		0	Yellow	3061
ES0308	1	1669	Mountain whitefish	292	264	Scale		0	Yellow	3059
ES0308	1	1679	Mountain whitefish	317	314	Scale		0	Yellow	3064
ES0308	1	1678	Mountain whitefish	351	412	Scale		0	Yellow	3063
ES0308	1	1672	Mountain whitefish	185	70	Scale		0		
ES0308	1	1676	Mountain whitefish	322	314	Scale		0	Yellow	3062
ES0308	1	1670	Mountain whitefish	285	242	Scale		0	Yellow	3058
ES0308	1	1671	Mountain whitefish	218	100	Scale		0		
ES0308	1	1668	Mountain whitefish	344	406	Scale		0	Yellow	3057
ES0308	1	1667	Mountain whitefish	325	336	Scale		0	Yellow	3056
ES0308	1	1666	Mountain whitefish	214		Scale		0		
ES0308	1	1673	Mountain whitefish	263	236	Scale		0	Yellow	3060
ES0308	1	1677	Mountain whitefish	236	134	Scale		0		
ES0308	2	3706	Longnose sucker	430	952			0		
ES0308	2	3705	Longnose sucker	411	854			0		
ES0308	2	3703	Longnose sucker	355	586			0		
ES0308	2	3704	Longnose sucker	396	728			2	Yellow	1633
ES0308	2	3702	Longnose sucker	457	1052			0		
ES0308	2	3711	Mountain whitefish	313	284	Scale		0	Yellow	4388
ES0308	2	3716	Mountain whitefish	345	408	Scale		0	Yellow	4391
ES0308	2	3707	Mountain whitefish	360	558	Scale		0	Yellow	4384
ES0308	2	3725	Mountain whitefish	225	216	Scale		0		
ES0308	2	3715	Mountain whitefish	390	546	Scale		0	Yellow	4390

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0308	2	3714	Mountain whitefish	321	370	Scale		0	Yellow	4389
ES0308	2	3709	Mountain whitefish	299	276			2	Yellow	3201
ES0308	2	3712	Mountain whitefish	325	320	Scale		0	Yellow	4387
ES0308	2	3719	Mountain whitefish	335	362	Scale		0	Yellow	4394
ES0308	2	3718	Mountain whitefish	374	468	Scale		0	Yellow	4393
ES0308	2	3726	Mountain whitefish	220	106	Scale		0		
ES0308	2	3713	Mountain whitefish	296	272			2	Yellow	3059
ES0308	2	3722	Mountain whitefish	319	318	Scale		0	Yellow	4396
ES0308	2	3728	Mountain whitefish	305	278	Scale		0	Yellow	4398
ES0308	2	3708	Mountain whitefish	280	210	Scale		0	Yellow	4385
ES0308	2	3720	Mountain whitefish	237	142	Scale		0		
ES0308	2	3717	Mountain whitefish	294	262	Scale		0	Yellow	4392
ES0308	2	3727	Mountain whitefish	327	348	Scale		0	Yellow	4397
ES0308	2	3721	Mountain whitefish	276	226	Scale		0	Yellow	4395
ES0308	2	3724	Mountain whitefish	195	80	Scale		0		
ES0308	2	3710	Mountain whitefish	296	264	Scale		0	Yellow	4386
ES0308	2	3723	Mountain whitefish	217	94	Scale		0		
ES0308	3	6501	Largescale sucker	451	1140			0		
ES0308	3	6500	Largescale sucker	447	1086			0		
ES0308	3	6502	Largescale sucker	492	1308			0		
ES0308	3	6506	Largescale sucker	474	1174			0		
ES0308	3	6505	Longnose sucker	371	618			0		
ES0308	3	6503	Longnose sucker	400	738			0		
ES0308	3	6508	Longnose sucker	410	890			0		
ES0308	3	6507	Longnose sucker	377	756			0		
ES0308	3	6504	Longnose sucker	395	826			0		
ES0308	3	6509	Longnose sucker	430	976			0		
ES0308	3	6528	Mountain whitefish	330	374	Scale		0	Yellow	6102
ES0308	3	6517	Mountain whitefish	385	494	Scale		0	Yellow	6093
ES0308	3	6518	Mountain whitefish	307	306	Scale		0	Yellow	6094
ES0308	3	6516	Mountain whitefish	293	286	Scale		0	Yellow	6092
ES0308	3	6515	Mountain whitefish	247	154	Scale		0		
ES0308	3	6513	Mountain whitefish	194	32	Scale	2	0		
ES0308	3	6519	Mountain whitefish	353	450	Scale		0	Yellow	6095
ES0308	3	6520	Mountain whitefish	299	290	Scale		0	Yellow	6096
ES0308	3	6521	Mountain whitefish	365	460	Scale	7	0	Yellow	6097
ES0308	3	6512	Mountain whitefish	353	414	Scale	7	0	Yellow	6091
ES0308	3	6532	Mountain whitefish	240	170	Scale		0		
ES0308	3	6529	Mountain whitefish	348	402	Scale		0	Yellow	6103
ES0308	3	6534	Mountain whitefish	338	368	Scale		0	Yellow	6107
ES0308	3	6511	Mountain whitefish	304	276	Scale		0	Yellow	6090
ES0308	3	6510	Mountain whitefish	339	272			2	Yellow	4391
ES0308	3	6523	Mountain whitefish	259	192	Scale		0	Yellow	6098
ES0308	3	6527	Mountain whitefish	364		Scale		0	Yellow	6101
ES0308	3	6526	Mountain whitefish	220	120	Scale		0		
ES0308	3	6525	Mountain whitefish	330	388	Scale		0	Yellow	6100
ES0308	3	6533	Mountain whitefish	257	182	Scale		0	Yellow	6106
ES0308	3	6514	Mountain whitefish	208	94	Scale		0		
ES0308	3	6524	Mountain whitefish	370	482	Scale		0	Yellow	6099
ES0308	3	6522	Mountain whitefish	235	138	Scale		0		
ES0308	3	6531	Mountain whitefish	355	456	Scale		0	Yellow	6105
ES0308	3	6530	Mountain whitefish	312	318	Scale		0	Yellow	6104
ES0308	4	8920	Longnose sucker	435	1002			0		
ES0308	4	8925	Longnose sucker	357	506			0		
ES0308	4	8933	Mountain whitefish	363	432	Scale		0	Yellow	7534
ES0308	4	8927	Mountain whitefish	336	454	Scale		0	Yellow	7528
ES0308	4	8931	Mountain whitefish	382	508	Scale		0	Yellow	7532
ES0308	4	8936	Mountain whitefish	275	232	Scale		0	Yellow	7537
ES0308	4	8932	Mountain whitefish	290	296	Scale		0	Yellow	7533
ES0308	4	8934	Mountain whitefish	338	438	Scale		0	Yellow	7535
ES0308	4	8941	Mountain whitefish	234	134	Scale		0		
ES0308	4	8929	Mountain whitefish	356	432	Scale		0	Yellow	7530
ES0308	4	8921	Mountain whitefish	341	418	Scale		0	Yellow	7526
ES0308	4	8935	Mountain whitefish	292	292	Scale		0	Yellow	7536
ES0308	4	8939	Mountain whitefish	365	488		3	2	Yellow	4421
ES0308	4	8930	Mountain whitefish	305	300	Scale		0	Yellow	7531
ES0308	4	8924	Mountain whitefish	308	282			2	Yellow	6090
ES0308	4	8926	Mountain whitefish	335	368			2	Yellow	7299
ES0308	4	8928	Mountain whitefish	305	308	Scale		0	Yellow	7529

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0308	4	8937	Mountain whitefish	335	374			2	Yellow	7292
ES0308	4	8938	Mountain whitefish	164	48	Scale		0		
ES0308	4	8923	Mountain whitefish	373	472			2	Yellow	6099
ES0308	4	8922	Mountain whitefish	278	240	Scale		0	Yellow	7527
ES0308	4	8940	Mountain whitefish	272	208			2	Yellow	3061
ES0308	5	10639	Mountain whitefish	332				2	Yellow	6237
ES0308	5	10638	Mountain whitefish	336				2	Yellow	1600
ES0308	6	12731	Bull trout	261	190	Scale	3	0	Yellow	7907
ES0308	6	12757	Mountain whitefish	339				2	Yellow	7535
ES0308	6	12754	Mountain whitefish	360				2	Yellow	7534
ES0308	6	12755	Mountain whitefish	344				2	Yellow	6085
ES0308	6	12756	Mountain whitefish	376				2	Yellow	7532
ES0309	1	1681	Largescale sucker	498	1718			0		
ES0309	1	1683	Mountain whitefish	356	450	Scale		0	Yellow	3066
ES0309	1	1686	Mountain whitefish	380	444	Scale		0	Yellow	3068
ES0309	1	1687	Mountain whitefish	337	378	Scale		0	Yellow	3069
ES0309	1	1690	Mountain whitefish	274	226	Scale	4	0	Yellow	3072
ES0309	1	1688	Mountain whitefish	353	404	Scale		0	Yellow	3070
ES0309	1	1689	Mountain whitefish	390	602	Scale		0	Yellow	3071
ES0309	1	1685	Mountain whitefish	232	124	Scale		0		
ES0309	1	1682	Mountain whitefish	372	442	Scale		0	Yellow	3065
ES0309	1	1680	Mountain whitefish	420	716	Scale		0		
ES0309	1	1692	Mountain whitefish	223	110	Scale		0		
ES0309	1	1691	Mountain whitefish	197	72	Scale		0		
ES0309	1	1684	Mountain whitefish	370	506	Scale		0	Yellow	3067
ES0309	2	3881	Bull trout	540	1624	Fin Ray	6	0	Yellow	4492
ES0309	2	3882	Bull trout	497	1440	Fin Ray	6	0	Yellow	4493
ES0309	2	3886	Longnose sucker	395	798			0		
ES0309	2	3883	Longnose sucker	422	902			0		
ES0309	2	3884	Longnose sucker	422	1015			0		
ES0309	2	3885	Longnose sucker	436	968			0		
ES0309	2	3887	Mountain whitefish	408	626			2	Yellow	1640
ES0309	2	3896	Mountain whitefish	200	80	Scale		0		
ES0309	2	3898	Mountain whitefish	197	68	Scale		0		
ES0309	2	3894	Mountain whitefish	261		Scale		0		
ES0309	2	3895	Mountain whitefish	380	428			2	Yellow	3068
ES0309	2	3897	Mountain whitefish	323	364	Scale		0	Yellow	4499
ES0309	2	3891	Mountain whitefish	340	372	Scale		0	Yellow	4497
ES0309	2	3888	Mountain whitefish	336	338	Scale		0	Yellow	4494
ES0309	2	3889	Mountain whitefish	350	412	Scale		0	Yellow	4495
ES0309	2	3893	Mountain whitefish	381	472	Scale		0	Yellow	4498
ES0309	2	3892	Mountain whitefish	192	70	Scale		0		
ES0309	2	3899	Mountain whitefish	228	120	Scale		0		
ES0309	2	3890	Mountain whitefish	364	380	Scale		0	Yellow	4496
ES0309	3	6782	Bull trout	680	3150	Fin Ray	6	0	Yellow	6217
ES0309	3	6770	Mountain whitefish	368				2	Yellow	4471
ES0309	3	6775	Mountain whitefish	279	248	Scale		0	Yellow	6214
ES0309	3	6769	Mountain whitefish	366				2	Yellow	6156
ES0309	3	6773	Mountain whitefish	385	622	Scale		0	Yellow	6212
ES0309	3	6776	Mountain whitefish	372	536	Scale		0	Yellow	6215
ES0309	3	6780	Mountain whitefish	198	82	Scale		0		
ES0309	3	6781	Mountain whitefish	306	316	Scale		0	Yellow	6216
ES0309	3	6771	Mountain whitefish	362				2	Yellow	4486
ES0309	3	6772	Mountain whitefish	438				2	Yellow	6150
ES0309	3	6777	Mountain whitefish	155	40	Scale		0		
ES0309	3	6778	Mountain whitefish	148	32	Scale		0		
ES0309	3	6774	Mountain whitefish	352	484	Scale		0	Yellow	6213
ES0309	3	6779	Mountain whitefish	230	122	Scale		0		
ES0309	4	8867	Largescale sucker	478	1432			0		
ES0309	4	8868	Longnose sucker	408	918			0		
ES0309	4	8869	Mountain whitefish	348	456			2	Yellow	3070
ES0309	4	8875	Mountain whitefish	286	238	Scale	3	0	Yellow	7502
ES0309	4	8874	Mountain whitefish	340	372	Scale		0	Yellow	7501
ES0309	4	8873	Mountain whitefish	363	480	Scale		0	Yellow	7500
ES0309	4	8872	Mountain whitefish	382	674	Scale		0	Yellow	7499
ES0309	4	8870	Mountain whitefish	313	308	Scale		0	Yellow	7498
ES0309	4	8876	Mountain whitefish	286	218	Scale		0	Yellow	7503
ES0309	4	8871	Mountain whitefish	388	642			2	Yellow	6212
ES0309	5	10645	Mountain whitefish	345				2	Yellow	7501

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0309	5	10640	Walleye	381				0		
ES0309	6	12665	Mountain whitefish	427				2	Yellow	7435
ES0309	6	12666	Mountain whitefish	303				2	Yellow	7498
ES0310	1	1710	Longnose sucker	146	40			0		
ES0310	1	1722	Mountain whitefish	284	246	Scale		0	Yellow	3090
ES0310	1	1695	Mountain whitefish	378	494	Scale		0	Yellow	3074
ES0310	1	1719	Mountain whitefish	382	536	Scale		0		
ES0310	1	1730	Mountain whitefish	278	228	Scale		0	Yellow	3098
ES0310	1	1729	Mountain whitefish	255	182	Scale		0	Yellow	3097
ES0310	1	1728	Mountain whitefish	282	230	Scale		0	Yellow	3096
ES0310	1	1727	Mountain whitefish	327	346	Scale		0	Yellow	3095
ES0310	1	1726	Mountain whitefish	344	380	Scale		0	Yellow	3094
ES0310	1	1725	Mountain whitefish	299	246	Scale		0	Yellow	3093
ES0310	1	1723	Mountain whitefish	253	280	Scale		0	Yellow	3091
ES0310	1	1703	Mountain whitefish	228	128	Scale		0		
ES0310	1	1707	Mountain whitefish	217	108	Scale		0		
ES0310	1	1720	Mountain whitefish	344	400	Scale	5	0	Yellow	3089
ES0310	1	1724	Mountain whitefish	332	340	Scale		0	Yellow	3092
ES0310	1	1705	Mountain whitefish	333	406	Scale		0	Yellow	3078
ES0310	1	1718	Mountain whitefish	273	216	Scale		0	Yellow	3088
ES0310	1	1717	Mountain whitefish	341	438	Scale		0	Yellow	3087
ES0310	1	1733	Mountain whitefish	232	130	Scale		0		
ES0310	1	1734	Mountain whitefish	223		Scale		0		
ES0310	1	1698	Mountain whitefish	278	218	Scale		0	Yellow	3075
ES0310	1	1732	Mountain whitefish	259	188	Scale		0	Yellow	3099
ES0310	1	1693	Mountain whitefish	289	300	Scale		0		
ES0310	1	1701	Mountain whitefish	190	70	Scale		0		
ES0310	1	1706	Mountain whitefish	284	234	Scale		0	Yellow	3079
ES0310	1	1709	Mountain whitefish	337	386	Scale		0	Yellow	3080
ES0310	1	1704	Mountain whitefish	346	434	Scale		0	Yellow	3077
ES0310	1	1702	Mountain whitefish	259	182	Scale		0	Yellow	3076
ES0310	1	1699	Mountain whitefish	199	86	Scale	2	0		
ES0310	1	1697	Mountain whitefish	142	34	Scale		0		
ES0310	1	1696	Mountain whitefish	232	134	Scale		0		
ES0310	1	1708	Mountain whitefish	223	124	Scale		0		
ES0310	1	1694	Mountain whitefish	333	390	Scale		0	Yellow	3073
ES0310	1	1700	Mountain whitefish	158	46	Scale		0		
ES0310	1	1721	Mountain whitefish	242	152	Scale		0		
ES0310	1	1731	Mountain whitefish	241	150	Scale		0		
ES0310	1	1716	Mountain whitefish	350	468	Scale		0	Yellow	3086
ES0310	1	1715	Mountain whitefish	270	216	Scale		0	Yellow	3084
ES0310	1	1714	Mountain whitefish	335	382	Scale		0	Yellow	3083
ES0310	1	1713	Mountain whitefish	286	246	Scale		0	Yellow	3082
ES0310	1	1712	Mountain whitefish	142	28	Scale		0		
ES0310	1	1711	Mountain whitefish	332	338	Scale		0	Yellow	3081
ES0310	2	3901	Longnose sucker	378	638			0		
ES0310	2	3939	Longnose sucker	164	38			0		
ES0310	2	3937	Mountain whitefish	247	156	Scale		0		
ES0310	2	3938	Mountain whitefish	263	186	Scale		0	Yellow	4513
ES0310	2	3940	Mountain whitefish	238	126	Scale		0		
ES0310	2	3941	Mountain whitefish	223	120	Scale		0		
ES0310	2	3942	Mountain whitefish	235	120	Scale		0		
ES0310	2	3926	Mountain whitefish	343	402			2	Yellow	3089
ES0310	2	3927	Mountain whitefish	375	480			2	Yellow	1754
ES0310	2	3918	Mountain whitefish	194	70	Scale		0		
ES0310	2	3906	Mountain whitefish	310	268	Scale		0	Yellow	4503
ES0310	2	3929	Mountain whitefish	391	528	Scale		0	Yellow	4519
ES0310	2	3933	Mountain whitefish	355	423	Scale		0	Yellow	4523
ES0310	2	3907	Mountain whitefish	331	356	Scale		0	Yellow	4504
ES0310	2	3945	Mountain whitefish	247	176	Scale		0		
ES0310	2	3934	Mountain whitefish	375	216			0	Yellow	4524
ES0310	2	3943	Mountain whitefish	235	126	Scale		0		
ES0310	2	3946	Mountain whitefish	195	70	Scale		0		
ES0310	2	3944	Mountain whitefish	205	86	Scale		0		
ES0310	2	3928	Mountain whitefish	345	446	Scale		0	Yellow	4518
ES0310	2	3902	Mountain whitefish	380	530			2	Yellow	3148
ES0310	2	3914	Mountain whitefish	346	434	Scale		0	Yellow	4512
ES0310	2	3912	Mountain whitefish	353	430	Scale		0	Yellow	4510
ES0310	2	3935	Mountain whitefish	284	228	Scale		0	Yellow	4525

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0310	2	3911	Mountain whitefish	360	504	Scale		0	Yellow	4509
ES0310	2	3910	Mountain whitefish	418	678	Scale		0	Yellow	4508
ES0310	2	3915	Mountain whitefish	329	392	Scale		0	Yellow	4514
ES0310	2	3900	Mountain whitefish	332	362	Scale		0		
ES0310	2	3913	Mountain whitefish	345	398	Scale		0	Yellow	4511
ES0310	2	3903	Mountain whitefish	351	476	Scale		0	Yellow	4500
ES0310	2	3904	Mountain whitefish	393	576	Scale		0	Yellow	4501
ES0310	2	3932	Mountain whitefish	380	494	Scale		0	Yellow	4522
ES0310	2	3908	Mountain whitefish	322	364	Scale		0	Yellow	4505
ES0310	2	3930	Mountain whitefish	341	330	Scale		0	Yellow	4520
ES0310	2	3920	Mountain whitefish	386	248	Scale		0	Yellow	4516
ES0310	2	3909	Mountain whitefish	366	466	Scale		0	Yellow	4507
ES0310	2	3919	Mountain whitefish	243	148	Scale		0		
ES0310	2	3925	Mountain whitefish	331	362			2	Yellow	3144
ES0310	2	3924	Mountain whitefish	330	330			2	Yellow	3092
ES0310	2	3923	Mountain whitefish	276	216			2	Yellow	3088
ES0310	2	3922	Mountain whitefish	326	376			2	Yellow	3080
ES0310	2	3921	Mountain whitefish	395	520	Scale		0	Yellow	4517
ES0310	2	3905	Mountain whitefish	336	360	Scale		0	Yellow	4502
ES0310	2	3916	Mountain whitefish	372	555	Scale		0	Yellow	4515
ES0310	2	3917	Mountain whitefish	278	228			2	Yellow	3098
ES0310	2	3931	Mountain whitefish	295	284	Scale		0	Yellow	4521
ES0310	2	3936	Mountain whitefish	239	148	Scale		0		
ES0310	3	6745	Mountain whitefish	287	244	Scale		0	Yellow	6193
ES0310	3	6757	Mountain whitefish	335	380	Scale		0	Yellow	6203
ES0310	3	6763	Mountain whitefish	166	58	Scale		0		
ES0310	3	6750	Mountain whitefish	209	122	Scale	3	0		
ES0310	3	6767	Mountain whitefish	276	236	Scale		0	Yellow	6210
ES0310	3	6755	Mountain whitefish	334	378	Scale		0	Yellow	6202
ES0310	3	6741	Mountain whitefish	358	442	Scale		0	Yellow	6196
ES0310	3	6753	Mountain whitefish	295				2	Yellow	3093
ES0310	3	6752	Mountain whitefish	152	34	Scale		0		
ES0310	3	6765	Mountain whitefish	370	516	Scale		0	Yellow	6208
ES0310	3	6766	Mountain whitefish	296	66	Scale		0	Yellow	6209
ES0310	3	6748	Mountain whitefish	309	314	Scale	4	0	Yellow	6201
ES0310	3	6746	Mountain whitefish	274				2	Yellow	3098
ES0310	3	6751	Mountain whitefish	234	130	Scale		0		
ES0310	3	6744	Mountain whitefish	288	244	Scale		0	Yellow	6194
ES0310	3	6762	Mountain whitefish	185	68	Scale		0		
ES0310	3	6761	Mountain whitefish	335	436			0	Yellow	6206
ES0310	3	6760	Mountain whitefish	191	78	Scale		0		
ES0310	3	6759	Mountain whitefish	300	280	Scale		0	Yellow	6205
ES0310	3	6749	Mountain whitefish	207	98	Scale		0		
ES0310	3	6743	Mountain whitefish	330				2	Yellow	3092
ES0310	3	6738	Mountain whitefish	324				2	Yellow	4505
ES0310	3	6747	Mountain whitefish	249	154	Scale		0		
ES0310	3	6758	Mountain whitefish	349	444	Scale		0	Yellow	6204
ES0310	3	6742	Mountain whitefish	337	464	Scale		0	Yellow	6195
ES0310	3	6768	Mountain whitefish	286	268	Scale		0	Yellow	6211
ES0310	3	6756	Mountain whitefish	154	40	Scale		0		
ES0310	3	6739	Mountain whitefish	394	530	Scale	7	0	Yellow	6198
ES0310	3	6740	Mountain whitefish	318	358	Scale		0	Yellow	6197
ES0310	3	6764	Mountain whitefish	326	390	Scale	5	0	Yellow	6207
ES0310	3	6754	Northern pikeminnow	168	54			0		
ES0310	4	8892	Mountain whitefish	310	326	Scale		0	Yellow	7514
ES0310	4	8880	Mountain whitefish	335	414	Scale		0	Yellow	7506
ES0310	4	8879	Mountain whitefish	343	406	Scale		0	Yellow	7505
ES0310	4	8900	Mountain whitefish	298	346			2	Yellow	6158
ES0310	4	8888	Mountain whitefish	268	194	Scale		0	Yellow	7512
ES0310	4	8893	Mountain whitefish	288	248	Scale		0	Yellow	7515
ES0310	4	8890	Mountain whitefish	228	118	Scale		0		
ES0310	4	8894	Mountain whitefish	285	238			2	Yellow	7502
ES0310	4	8895	Mountain whitefish	282	224			2	Yellow	3098
ES0310	4	8884	Mountain whitefish	263	172	Scale		0	Yellow	7508
ES0310	4	8896	Mountain whitefish	325	372			2	Yellow	3073
ES0310	4	8877	Mountain whitefish	321	364	Scale		0	Yellow	7504
ES0310	4	8897	Mountain whitefish	307	266			2	Yellow	4503
ES0310	4	8899	Mountain whitefish	260	158	Scale		0		
ES0310	4	8881	Mountain whitefish	367	514	Scale		0	Yellow	7507



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 3										
ES0310	4	8901	Mountain whitefish	322	316			2	Yellow	1734
ES0310	4	8889	Mountain whitefish	290	272	Scale	3	0	Yellow	7513
ES0310	4	8878	Mountain whitefish	365	446			2	Yellow	6169
ES0310	4	8891	Mountain whitefish	240	150	Scale		0		
ES0310	4	8887	Mountain whitefish	347	424	Scale		0	Yellow	7511
ES0310	4	8886	Mountain whitefish	306	292	Scale		0	Yellow	7510
ES0310	4	8885	Mountain whitefish	314	322	Scale		0	Yellow	7509
ES0310	4	8883	Mountain whitefish	187	76	Scale		0		
ES0310	4	8882	Mountain whitefish	240	130	Scale		0		
ES0310	4	8898	Mountain whitefish	242	234	Scale		0		
ES0310	5	10663	Mountain whitefish	320				2	Yellow	6197
ES0310	5	10662	Mountain whitefish	348				2	Yellow	3085
ES0310	5	10661	Mountain whitefish	376				2	Yellow	1754
ES0310	6	12704	Mountain whitefish	322				2	Yellow	1734
ES0310	6	12703	Mountain whitefish	348				2	Yellow	3085
ES0310	6	12705	Mountain whitefish	330				2	Yellow	3092
ES0310	6	12702	Mountain whitefish	344				2	Yellow	7505
ES0311	1	1769	Bull trout	299	254	Fin Ray	3	0	Yellow	3138
ES0311	1	1766	Bull trout	350	470	Fin Ray	4	0	Yellow	3137
ES0311	1	1748	Lake whitefish	434	1066			0		
ES0311	1	1746	Largescale sucker	375	862			0		
ES0311	1	1753	Largescale sucker	444	1086			0		
ES0311	1	1752	Longnose sucker	427	958			0		
ES0311	1	1767	Longnose sucker	183	78			0		
ES0311	1	1747	Longnose sucker	418	914			0		
ES0311	1	1742	Longnose sucker	389	656			0		
ES0311	1	1750	Longnose sucker	403	764			0		
ES0311	1	1768	Longnose sucker	218	112			0		
ES0311	1	1744	Longnose sucker	454	968			0		
ES0311	1	1740	Longnose sucker	398	774			0		
ES0311	1	1749	Longnose sucker	360	532			0		
ES0311	1	1745	Longnose sucker	430	962			0		
ES0311	1	1743	Longnose sucker	398	780			0		
ES0311	1	1737	Longnose sucker	403	834			0		
ES0311	1	1739	Longnose sucker	388	660			0		
ES0311	1	1741	Longnose sucker	421	822			0		
ES0311	1	1751	Longnose sucker	408	750			0		
ES0311	1	1755	Mountain whitefish	354	434	Scale		0	Yellow	3127
ES0311	1	1759	Mountain whitefish	283	250	Scale		0	Yellow	3130
ES0311	1	1760	Mountain whitefish	322	388	Scale		0	Yellow	3131
ES0311	1	1761	Mountain whitefish	271	204	Scale		0	Yellow	3132
ES0311	1	1762	Mountain whitefish	300	284	Scale		0	Yellow	3133
ES0311	1	1764	Mountain whitefish	264	198	Scale		0	Yellow	3135
ES0311	1	1736	Mountain whitefish	349	448	Scale		0	Yellow	3085
ES0311	1	1756	Mountain whitefish	240	146	Scale		0		
ES0311	1	1735	Mountain whitefish	399	610	Scale		0	Yellow	3100
ES0311	1	1754	Mountain whitefish	357	482	Scale	7	0	Yellow	3126
ES0311	1	1765	Mountain whitefish	275	236	Scale		0	Yellow	3136
ES0311	1	1763	Mountain whitefish	307	322	Scale		0	Yellow	3134
ES0311	1	1758	Mountain whitefish	302	326	Scale		0	Yellow	3129
ES0311	1	1757	Mountain whitefish	375	514	Scale		0	Yellow	3128
ES0311	1	1738	Northern pikeminnow	361	538			0		
ES0311	2	3856	Bull trout	387	630	Fin Ray	4	0	Yellow	4469
ES0311	2	3866	Bull trout	365	542	Fin Ray	4	0	Yellow	4479
ES0311	2	3855	Largescale sucker	209	118			0		
ES0311	2	3878	Largescale sucker	160	46			0		
ES0311	2	3837	Largescale sucker	398	964			2	Yellow	901
ES0311	2	3842	Longnose sucker	251	176			0		
ES0311	2	3852	Longnose sucker	242	174			0		
ES0311	2	3843	Longnose sucker	364	604			0		
ES0311	2	3840	Longnose sucker	390	700			0		
ES0311	2	3841	Longnose sucker	441	1000			0		
ES0311	2	3839	Longnose sucker	425	1100			0		
ES0311	2	3838	Longnose sucker	405	810			0		
ES0311	2	3844	Mountain whitefish	360	450	Scale		0	Yellow	4462
ES0311	2	3851	Mountain whitefish	207	84	Scale		0		
ES0311	2	3845	Mountain whitefish	382	560	Scale		0	Yellow	4463
ES0311	2	3863	Mountain whitefish	335	336	Scale		0	Yellow	4476
ES0311	2	3869	Mountain whitefish	334	424	Scale		0	Yellow	4482

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0311	2	3873	Mountain whitefish	358	446	Scale		0	Yellow	4486
ES0311	2	3872	Mountain whitefish	335	408	Scale		0	Yellow	4485
ES0311	2	3865	Mountain whitefish	337	316	Scale		0	Yellow	4478
ES0311	2	3870	Mountain whitefish	333	394	Scale		0	Yellow	4483
ES0311	2	3868	Mountain whitefish	315	302	Scale	4	0	Yellow	4481
ES0311	2	3848	Mountain whitefish	286	272	Scale		0	Yellow	4466
ES0311	2	3864	Mountain whitefish	302	306	Scale		0	Yellow	4477
ES0311	2	3847	Mountain whitefish	340	410	Scale		0	Yellow	4465
ES0311	2	3862	Mountain whitefish	384	584	Scale		0	Yellow	4475
ES0311	2	3861	Mountain whitefish	335	404	Scale		0	Yellow	4474
ES0311	2	3860	Mountain whitefish	351	426	Scale		0	Yellow	4473
ES0311	2	3859	Mountain whitefish	344	480	Scale		0	Yellow	4472
ES0311	2	3858	Mountain whitefish	370	428	Scale		0	Yellow	4471
ES0311	2	3857	Mountain whitefish	380	530	Scale		0	Yellow	4470
ES0311	2	3877	Mountain whitefish	191	70	Scale		0		
ES0311	2	3875	Mountain whitefish	305	320	Scale		0	Yellow	4488
ES0311	2	3836	Mountain whitefish	437	964	Scale		0	Yellow	4461
ES0311	2	3867	Mountain whitefish	294	270	Scale		0	Yellow	4480
ES0311	2	3835	Mountain whitefish	440	832	Scale		0	Yellow	4460
ES0311	2	3834	Mountain whitefish	352	454	Scale		0	Yellow	4459
ES0311	2	3880	Mountain whitefish	305	328	Scale		0	Yellow	4491
ES0311	2	3871	Mountain whitefish	337	386	Scale		0	Yellow	4484
ES0311	2	3849	Mountain whitefish	316	300			2	Yellow	3185
ES0311	2	3876	Mountain whitefish	297	264	Scale		0	Yellow	4489
ES0311	2	3874	Mountain whitefish	304	296	Scale		0	Yellow	4487
ES0311	2	3854	Mountain whitefish	365	492	Scale		0	Yellow	4468
ES0311	2	3853	Mountain whitefish	314	300	Scale	4	0	Yellow	4467
ES0311	2	3846	Mountain whitefish	331	382	Scale		0	Yellow	4464
ES0311	2	3879	Mountain whitefish	323	354	Scale		0	Yellow	4490
ES0311	2	3850	Northern pikeminnow	137	26			0		
ES0311	3	6667	Bull trout	295				2	Yellow	3138
ES0311	3	6654	Bull trout	348	410			0	Yellow	6164
ES0311	3	6671	Bull trout	462	992	Fin Ray	5	0	Yellow	6172
ES0311	3	6660	Kokanee	273	204			0		
ES0311	3	6600	Largescale sucker	350				0		
ES0311	3	6604	Largescale sucker	368	628			0		
ES0311	3	6617	Largescale sucker	399	904			0		
ES0311	3	6665	Largescale sucker	288	258			0		
ES0311	3	6611	Largescale sucker	436	998			0		
ES0311	3	6609	Largescale sucker	362	592			0		
ES0311	3	6612	Largescale sucker	255	206			0		
ES0311	3	6631	Longnose sucker	318	424			0		
ES0311	3	6605	Longnose sucker	457	1274			0		
ES0311	3	6603	Longnose sucker	365	650			0		
ES0311	3	6602	Longnose sucker	383	782			0		
ES0311	3	6608	Longnose sucker	395	802			0		
ES0311	3	6620	Longnose sucker	384	724			0		
ES0311	3	6632	Longnose sucker	217	130			0		
ES0311	3	6616	Longnose sucker	308	342			0		
ES0311	3	6629	Longnose sucker	410	880			0		
ES0311	3	6618	Longnose sucker	366	624			0		
ES0311	3	6630	Longnose sucker	385	752			0		
ES0311	3	6628	Longnose sucker	425	958			0		
ES0311	3	6607	Longnose sucker	432	932			0		
ES0311	3	6662	Longnose sucker	261	224			0		
ES0311	3	6610	Longnose sucker	447	1174			0		
ES0311	3	6647	Longnose sucker	343	472			0		
ES0311	3	6613	Longnose sucker	442	1114			0		
ES0311	3	6614	Longnose sucker	407	910			0		
ES0311	3	6615	Longnose sucker	340	482			0		
ES0311	3	6606	Longnose sucker	187	86			0		
ES0311	3	6664	Longnose sucker	182	80			0		
ES0311	3	6670	Longnose sucker	173	68			0		
ES0311	3	6666	Longnose sucker	191	74			0		
ES0311	3	6649	Longnose sucker	330	454			0		
ES0311	3	6648	Longnose sucker	380	636			0		
ES0311	3	6619	Longnose sucker	362	646			0		
ES0311	3	6663	Mountain whitefish	325	362	Scale		0	Yellow	6170
ES0311	3	6623	Mountain whitefish	359	466	Scale	7	0	Yellow	6149

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 3											
ES0311	3	6645	Mountain whitefish	306	344	Scale		0	Yellow	6162	
ES0311	3	6636	Mountain whitefish	380	570	Scale		0	Yellow	6155	
ES0311	3	6635	Mountain whitefish	349	402	Scale		0	Yellow	6154	
ES0311	3	6634	Mountain whitefish	356				2	Yellow	4486	
ES0311	3	6633	Mountain whitefish	322				2	Yellow	4484	
ES0311	3	6627	Mountain whitefish	337	418	Scale		0	Yellow	6153	
ES0311	3	6626	Mountain whitefish	251	168	Scale		0	Yellow	6152	
ES0311	3	6674	Mountain whitefish	308	296	Scale		0	Yellow	6175	
ES0311	3	6624	Mountain whitefish	435	818	Scale		0	Yellow	6150	
ES0311	3	6668	Mountain whitefish	245	154	Scale		0			
ES0311	3	6622	Mountain whitefish	379	556	Scale		0	Yellow	6148	
ES0311	3	6621	Mountain whitefish	368	504	Scale		0	Yellow	6147	
ES0311	3	6638	Mountain whitefish	355	470	Scale		0	Yellow	6157	
ES0311	3	6678	Mountain whitefish	310	316	Scale		0	Yellow	6177	
ES0311	3	6677	Mountain whitefish	315	340	Scale		0	Yellow	6176	
ES0311	3	6676	Mountain whitefish	193	76	Scale		0			
ES0311	3	6675	Mountain whitefish	215	108	Scale		0			
ES0311	3	6625	Mountain whitefish	330	346	Scale		0	Yellow	6151	
ES0311	3	6672	Mountain whitefish	342	406	Scale		0	Yellow	6173	
ES0311	3	6650	Mountain whitefish	380				2	Yellow	4463	
ES0311	3	6653	Mountain whitefish	348	414	Scale		0	Yellow	6163	
ES0311	3	6640	Mountain whitefish	405	660	Scale		0	Yellow	6159	
ES0311	3	6644	Mountain whitefish	373	532	Scale		0			
ES0311	3	6646	Mountain whitefish	355				2	Yellow	3126	
ES0311	3	6655	Mountain whitefish	333	410	Scale		0	Yellow	6165	
ES0311	3	6641	Mountain whitefish	340	412	Scale		0			
ES0311	3	6637	Mountain whitefish	362	476	Scale		0	Yellow	6156	
ES0311	3	6673	Mountain whitefish	308	312	Scale		0	Yellow	6174	
ES0311	3	6651	Mountain whitefish	327				2	Yellow	3020	
ES0311	3	6639	Mountain whitefish	301	362	Scale		0	Yellow	6158	
ES0311	3	6669	Mountain whitefish	252	176	Scale		0	Yellow	6171	
ES0311	3	6661	Mountain whitefish	356	430	Scale		0	Yellow	6169	
ES0311	3	6656	Mountain whitefish	328	338	Scale		0	Yellow	6166	
ES0311	3	6659	Mountain whitefish	293	320	Scale		0	Yellow	6168	
ES0311	3	6658	Mountain whitefish	350	450	Scale		0	Yellow	6167	
ES0311	3	6657	Mountain whitefish	194	74	Scale		0			
ES0311	3	6642	Mountain whitefish	345	400	Scale		0	Yellow	6160	
ES0311	3	6643	Mountain whitefish	324	398	Scale		5	0	Yellow	6161
ES0311	3	6601	Northern pikeminnow	411	910			0			
ES0311	3	6652	Northern pikeminnow	347	508			0			
ES0311	4	8764	Bull trout	575	1974	Fin Ray		6	0	Yellow	7432
ES0311	4	8795	Largescale sucker	416	922			0			
ES0311	4	8794	Longnose sucker	430	940			0			
ES0311	4	8796	Longnose sucker	432	1004			0			
ES0311	4	8818	Mountain whitefish	259	178	Scale		0			
ES0311	4	8813	Mountain whitefish	336	382	Scale		0	Yellow	7469	
ES0311	4	8814	Mountain whitefish	236	136	Scale		0			
ES0311	4	8815	Mountain whitefish	350	478	Scale		0			
ES0311	4	8817	Mountain whitefish	320	356	Scale		0			
ES0311	4	8809	Mountain whitefish	385	590	Scale		0	Yellow	7466	
ES0311	4	8819	Mountain whitefish	351	380	Scale		0			
ES0311	4	8805	Mountain whitefish	241	144	Scale		0			
ES0311	4	8776	Mountain whitefish	284	240	Scale		0	Yellow	7444	
ES0311	4	8816	Mountain whitefish	367	524	Scale		0			
ES0311	4	8812	Mountain whitefish	240	144	Scale		0			
ES0311	4	8810	Mountain whitefish	370	518	Scale		0	Yellow	7467	
ES0311	4	8768	Mountain whitefish	371	618	Scale		7	0	Yellow	7436
ES0311	4	8808	Mountain whitefish	305	296	Scale		0	Yellow	7465	
ES0311	4	8806	Mountain whitefish	268	196	Scale		4	0	Yellow	7464
ES0311	4	8791	Mountain whitefish	300	260	Scale		0	Yellow	7455	
ES0311	4	8804	Mountain whitefish	285	246	Scale		5	Yellow	7463	
ES0311	4	8803	Mountain whitefish	297	300	Scale		0	Yellow	7462	
ES0311	4	8802	Mountain whitefish	297	262	Scale		0	Yellow	7461	
ES0311	4	8801	Mountain whitefish	337	410	Scale		0	Yellow	7460	
ES0311	4	8800	Mountain whitefish	267	194	Scale		0	Yellow	7459	
ES0311	4	8799	Mountain whitefish	302	304	Scale		0	Yellow	7458	
ES0311	4	8811	Mountain whitefish	325	340	Scale		0	Yellow	7468	
ES0311	4	8777	Mountain whitefish	331	342	Scale		0	Yellow	7445	
ES0311	4	8781	Mountain whitefish	345	474	Scale		0	Yellow	7448	



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0311	4	8821	Mountain whitefish	304	260	Scale		0		
ES0311	4	8774	Mountain whitefish	350	426	Scale		0	Yellow	7442
ES0311	4	8789	Mountain whitefish	326	332	Scale		0	Yellow	7453
ES0311	4	8788	Mountain whitefish	300	280	Scale		0	Yellow	7452
ES0311	4	8787	Mountain whitefish	280	230			2	Yellow	6210
ES0311	4	8786	Mountain whitefish	325	318	Scale		0	Yellow	7451
ES0311	4	8785	Mountain whitefish	341	380	Scale		0	Yellow	7450
ES0311	4	8784	Mountain whitefish	383	538			2	Yellow	6148
ES0311	4	8782	Mountain whitefish	432	780	Scale		0	Yellow	7449
ES0311	4	8780	Mountain whitefish	346	446	Scale		0	Yellow	7447
ES0311	4	8766	Mountain whitefish	345	392	Scale		0	Yellow	7434
ES0311	4	8778	Mountain whitefish	296	268			2	Yellow	4480
ES0311	4	8765	Mountain whitefish	316	360	Scale		0	Yellow	7433
ES0311	4	8783	Mountain whitefish	318	302			2	Yellow	3185
ES0311	4	8775	Mountain whitefish	375	478	Scale		0	Yellow	7443
ES0311	4	8792	Mountain whitefish	365	444	Scale		0	Yellow	7456
ES0311	4	8773	Mountain whitefish	360	484	Scale		0	Yellow	7441
ES0311	4	8772	Mountain whitefish	335	358	Scale		0	Yellow	7440
ES0311	4	8771	Mountain whitefish	423	778	Scale		0	Yellow	7439
ES0311	4	8770	Mountain whitefish	367	466	Scale		0	Yellow	7438
ES0311	4	8769	Mountain whitefish	305	358	Scale		0	Yellow	7437
ES0311	4	8790	Mountain whitefish	337	380	Scale		0	Yellow	7454
ES0311	4	8767	Mountain whitefish	425	722	Scale		0	Yellow	7435
ES0311	4	8798	Mountain whitefish	353	442	Scale		0	Yellow	7457
ES0311	4	8779	Mountain whitefish	331	404	Scale		0	Yellow	7446
ES0311	4	8820	Mountain whitefish	336	414	Scale		0		
ES0311	4	8797	Mountain whitefish	337	402			2	Yellow	4474
ES0311	4	8793	Mountain whitefish	355	454	Scale		1		
ES0311	4	8807	Mountain whitefish	229	124	Scale		0		
ES0311	5	10845	Bull trout	505	1370	Fin Ray	6	0	Yellow	7884
ES0311	5	10901	Mountain whitefish	355				2	Yellow	4462
ES0311	5	10904	Mountain whitefish	353				2	Yellow	4459
ES0311	5	10909	Mountain whitefish	335				2	Yellow	7469
ES0311	5	10908	Mountain whitefish	345				2	Yellow	7447
ES0311	5	10907	Mountain whitefish	314				2	Yellow	6176
ES0311	5	10905	Mountain whitefish	335				2	Yellow	6165
ES0311	5	10897	Mountain whitefish	317				2	Yellow	4481
ES0311	5	10902	Mountain whitefish	305				2	Yellow	6168
ES0311	5	10900	Mountain whitefish	306				2	Yellow	7437
ES0311	5	10899	Mountain whitefish	359				2	Yellow	6157
ES0311	5	10898	Mountain whitefish	335				2	Yellow	7440
ES0311	5	10906	Mountain whitefish	293				2	Yellow	4310
ES0311	5	10903	Mountain whitefish	357				2	Yellow	6167
ES0311	6	12610	Mountain whitefish	327				2	Yellow	4499
ES0311	6	12613	Mountain whitefish	455				2	Yellow	4173
ES0311	6	12616	Mountain whitefish	281				2	Yellow	7444
ES0311	6	12612	Mountain whitefish	359				2	Yellow	6157
ES0311	6	12615	Mountain whitefish	326				2	Yellow	6455
ES0311	6	12617	Mountain whitefish	295				2	Yellow	4480
ES0311	6	12614	Mountain whitefish	292				2	Yellow	7455
ES0311	6	12611	Mountain whitefish	344				2	Yellow	7381
ES0312	1	1787	Bull trout	345		Fin Ray	4	0	Yellow	3139
ES0312	1	1780	Kokanee	281	246			0		
ES0312	1	1776	Largescale sucker	421	918			0		
ES0312	1	1781	Largescale sucker	439	1016			0		
ES0312	1	1782	Largescale sucker	432	984			0		
ES0312	1	1786	Largescale sucker	354	478			0		
ES0312	1	1775	Largescale sucker	474	1250			0		
ES0312	1	1802	Longnose sucker	216	114			0		
ES0312	1	1778	Longnose sucker	373	600			0		
ES0312	1	1783	Longnose sucker	378	708			0		
ES0312	1	1785	Longnose sucker	400	682			0		
ES0312	1	1777	Longnose sucker	385	716			0		
ES0312	1	1800	Longnose sucker	191	82			0		
ES0312	1	1773	Longnose sucker	367	634			0		
ES0312	1	1772	Longnose sucker	458	1138			0		
ES0312	1	1771	Longnose sucker	420	802			0		
ES0312	1	1770	Longnose sucker	399	764			0		
ES0312	1	1774	Longnose sucker	379	710			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0312	1	1805	Mountain whitefish	230	120	Scale		0		
ES0312	1	1806	Mountain whitefish	275	222	Scale		0	Yellow	3149
ES0312	1	1807	Mountain whitefish	330		Scale		0	Yellow	3150
ES0312	1	1808	Mountain whitefish	354	436	Scale		0	Yellow	3101
ES0312	1	1809	Mountain whitefish	309	298	Scale		0	Yellow	3102
ES0312	1	1810	Mountain whitefish	267	186	Scale		0	Yellow	3103
ES0312	1	1803	Mountain whitefish	328	378	Scale		0	Yellow	3147
ES0312	1	1795	Mountain whitefish	249	172	Scale		0		
ES0312	1	1790	Mountain whitefish	309	282	Scale		0	Yellow	3142
ES0312	1	1792	Mountain whitefish	222	106	Scale		0		
ES0312	1	1788	Mountain whitefish	279	282	Scale		0	Yellow	3140
ES0312	1	1799	Mountain whitefish	342				2	Yellow	3089
ES0312	1	1798	Mountain whitefish	238	146	Scale		0		
ES0312	1	1797	Mountain whitefish	411	660	Scale		0	Yellow	3146
ES0312	1	1796	Mountain whitefish	315	326	Scale		0	Yellow	3145
ES0312	1	1794	Mountain whitefish	330	360	Scale		0	Yellow	3144
ES0312	1	1791	Mountain whitefish	411	752	Scale		5	Yellow	3143
ES0312	1	1789	Mountain whitefish	332	424	Scale		0	Yellow	3141
ES0312	1	1804	Mountain whitefish	378	532	Scale		0	Yellow	3148
ES0312	1	1801	Mountain whitefish	217	104	Scale		0		
ES0312	1	1793	Mountain whitefish	389	572	Scale		0		
ES0312	1	1779	Walleye	442	978			0		
ES0312	2	3950	Largescale sucker	450	1038			0		
ES0312	2	3947	Largescale sucker	547	1782			0		
ES0312	2	3953	Largescale sucker	410	824			0		
ES0312	2	3960	Longnose sucker	378	680			0		
ES0312	2	3961	Longnose sucker	380	766			0		
ES0312	2	3964	Longnose sucker	355	550			0		
ES0312	2	3958	Longnose sucker	433	988			0		
ES0312	2	3948	Longnose sucker	401	786			0		
ES0312	2	3949	Longnose sucker	428	964			0		
ES0312	2	3951	Longnose sucker	453	1322			0		
ES0312	2	3954	Longnose sucker	357	614			0		
ES0312	2	3957	Longnose sucker	370	650			0		
ES0312	2	3955	Longnose sucker	399	756			0		
ES0312	2	3956	Longnose sucker	395	704			0		
ES0312	2	3952	Longnose sucker	412	808			0		
ES0312	2	3971	Mountain whitefish	244	152	Scale		0		
ES0312	2	3968	Mountain whitefish	315	392	Scale		0	Yellow	4529
ES0312	2	3970	Mountain whitefish	344	398	Scale		0	Yellow	4531
ES0312	2	3966	Mountain whitefish	389	650	Scale		0	Yellow	4527
ES0312	2	3965	Mountain whitefish	355	400			2	Yellow	3101
ES0312	2	3963	Mountain whitefish	411	672	Scale		0	Yellow	4526
ES0312	2	3967	Mountain whitefish	349	418	Scale		0	Yellow	4528
ES0312	2	3972	Mountain whitefish	188	70	Scale		0		
ES0312	2	3980	Mountain whitefish	155	38	Scale		0		
ES0312	2	3959	Mountain whitefish	423	682	Scale		0	Yellow	4506
ES0312	2	3969	Mountain whitefish	305	246	Scale		5	Yellow	4530
ES0312	2	3974	Mountain whitefish	249	164	Scale		0		
ES0312	2	3979	Mountain whitefish	158	38	Scale		1		
ES0312	2	3977	Mountain whitefish	220	110	Scale		2		
ES0312	2	3975	Mountain whitefish	193	72	Scale		0		
ES0312	2	3976	Mountain whitefish	148	30	Scale		0		
ES0312	2	3973	Northern pikeminnow	202	92			0		
ES0312	2	3962	Northern pikeminnow	316	378			0		
ES0312	3	6736	Bull trout	399	622	Fin Ray		4	Yellow	6200
ES0312	3	6737	Bull trout	396	572	Fin Ray		4	Yellow	6199
ES0312	3	6685	Largescale sucker	519	1646			0		
ES0312	3	6682	Largescale sucker	500	1534			0		
ES0312	3	6686	Largescale sucker	428	1088			0		
ES0312	3	6687	Largescale sucker	375	816			0		
ES0312	3	6688	Largescale sucker	403	758			0		
ES0312	3	6683	Largescale sucker	369	624			0		
ES0312	3	6720	Largescale sucker	317	382			0		
ES0312	3	6733	Longnose sucker	211	114			0		
ES0312	3	6691	Longnose sucker	311	382			0		
ES0312	3	6689	Longnose sucker	464	1350			0		
ES0312	3	6693	Longnose sucker	401	748			0		
ES0312	3	6684	Longnose sucker	441	1120			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0312	3	6694	Longnose sucker	337	452			0		
ES0312	3	6681	Longnose sucker	435	1036			0		
ES0312	3	6711	Longnose sucker	268	332			0		
ES0312	3	6732	Longnose sucker	186	38			0		
ES0312	3	6680	Longnose sucker	449	1104			0		
ES0312	3	6679	Longnose sucker	420	1154			0		
ES0312	3	6702	Longnose sucker	416	784			0		
ES0312	3	6690	Longnose sucker	409	830			0		
ES0312	3	6710	Longnose sucker	406	850			0		
ES0312	3	6699	Longnose sucker	409	756			0		
ES0312	3	6704	Longnose sucker	384	644			0		
ES0312	3	6695	Longnose sucker	426	970			0		
ES0312	3	6696	Longnose sucker	404	858			0		
ES0312	3	6698	Longnose sucker	376	740			0		
ES0312	3	6700	Longnose sucker	414	862			0		
ES0312	3	6701	Longnose sucker	421	1000			0		
ES0312	3	6703	Longnose sucker	358	576			2	Yellow	1840
ES0312	3	6692	Longnose sucker	382	770			0		
ES0312	3	6705	Longnose sucker	366	626			0		
ES0312	3	6706	Longnose sucker	450	1108			0		
ES0312	3	6697	Longnose sucker	424	910			0		
ES0312	3	6712	Mountain whitefish	368	486	Scale		0	Yellow	6179
ES0312	3	6708	Mountain whitefish	416				2	Yellow	3146
ES0312	3	6721	Mountain whitefish	184	66	Scale	2	0		
ES0312	3	6725	Mountain whitefish	236	140	Scale		0		
ES0312	3	6714	Mountain whitefish	402	644	Scale		0	Yellow	6181
ES0312	3	6715	Mountain whitefish	366	440	Scale		0	Yellow	6182
ES0312	3	6709	Mountain whitefish	396	528	Scale		0	Yellow	6178
ES0312	3	6719	Mountain whitefish	380	480	Scale		0	Yellow	6185
ES0312	3	6724	Mountain whitefish	355	484	Scale		0	Yellow	6186
ES0312	3	6722	Mountain whitefish	275				2	Yellow	3149
ES0312	3	6707	Mountain whitefish	378				2	Yellow	3941
ES0312	3	6734	Mountain whitefish	285	256	Scale		0	Yellow	6192
ES0312	3	6713	Mountain whitefish	337	452	Scale		0	Yellow	6180
ES0312	3	6717	Mountain whitefish	364	522	Scale		0	Yellow	6184
ES0312	3	6726	Mountain whitefish	192	70	Scale		0		
ES0312	3	6727	Mountain whitefish	276	222	Scale		0	Yellow	6187
ES0312	3	6728	Mountain whitefish	276	234	Scale		0	Yellow	6188
ES0312	3	6729	Mountain whitefish	265	186	Scale		0	Yellow	6189
ES0312	3	6730	Mountain whitefish	261	210	Scale		0	Yellow	6190
ES0312	3	6731	Mountain whitefish	274	218	Scale		0	Yellow	6191
ES0312	3	6723	Mountain whitefish	320				2	Yellow	1734
ES0312	3	6718	Mountain whitefish	268				2	Yellow	3103
ES0312	3	6716	Mountain whitefish	337	408	Scale		0	Yellow	6183
ES0312	3	6735	Mountain whitefish	237	130	Scale		0		
ES0312	4	8846	Bull trout	315	382	Fin Ray	3	0	Yellow	7482
ES0312	4	8830	Bull trout	420	666			0	Yellow	7470
ES0312	4	8829	Kokanee	292	288			0		
ES0312	4	8825	Largescale sucker	493	1516			0		
ES0312	4	8828	Largescale sucker	495	1530			0		
ES0312	4	8824	Longnose sucker	445	1042			0		
ES0312	4	8822	Longnose sucker	375	652			0		
ES0312	4	8823	Longnose sucker	415	932			0		
ES0312	4	8827	Longnose sucker	442	1046			0		
ES0312	4	8826	Longnose sucker	415	862			0		
ES0312	4	8845	Mountain whitefish	413	644	Scale		0	Yellow	7481
ES0312	4	8858	Mountain whitefish	296	268	Scale		0	Yellow	7490
ES0312	4	8833	Mountain whitefish	326	436			2	Yellow	3141
ES0312	4	8834	Mountain whitefish	290	238			2	Yellow	4336
ES0312	4	8859	Mountain whitefish	214	98	Scale		0		
ES0312	4	8841	Mountain whitefish	283	230	Scale		0	Yellow	7478
ES0312	4	8857	Mountain whitefish	195	74	Scale		0		
ES0312	4	8856	Mountain whitefish	163	42	Scale		0		
ES0312	4	8835	Mountain whitefish	383	542	Scale		0	Yellow	7472
ES0312	4	8860	Mountain whitefish	267	192	Scale	3	0	Yellow	7491
ES0312	4	8863	Mountain whitefish	305	302	Scale		0	Yellow	7494
ES0312	4	8849	Mountain whitefish	346	392	Scale		0	Yellow	7484
ES0312	4	8855	Mountain whitefish	292	292	Scale		0	Yellow	7489
ES0312	4	8852	Mountain whitefish	257	210	Scale		0	Yellow	7487

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0312	4	8865	Mountain whitefish	264	198	Scale		0	Yellow	7496
ES0312	4	8866	Mountain whitefish	275	214	Scale		0	Yellow	7497
ES0312	4	8832	Mountain whitefish	233	130	Scale		0		
ES0312	4	8848	Mountain whitefish	257	188	Scale		0	Yellow	7483
ES0312	4	8862	Mountain whitefish	308	284	Scale		0	Yellow	7493
ES0312	4	8831	Mountain whitefish	337	366	Scale		0	Yellow	7471
ES0312	4	8861	Mountain whitefish	302	290	Scale		0	Yellow	7492
ES0312	4	8837	Mountain whitefish	338	360	Scale		0	Yellow	7474
ES0312	4	8843	Mountain whitefish	335	372	Scale		0	Yellow	7479
ES0312	4	8854	Mountain whitefish	248	142	Scale		0		
ES0312	4	8853	Mountain whitefish	325	358	Scale		0	Yellow	7488
ES0312	4	8844	Mountain whitefish	267	220	Scale		0	Yellow	7480
ES0312	4	8842	Mountain whitefish	333	354			2	Yellow	3144
ES0312	4	8836	Mountain whitefish	357	472	Scale		0	Yellow	7473
ES0312	4	8838	Mountain whitefish	369	462	Scale		0	Yellow	7475
ES0312	4	8840	Mountain whitefish	360	452	Scale		0	Yellow	7477
ES0312	4	8851	Mountain whitefish	307	298	Scale		0	Yellow	7486
ES0312	4	8847	Mountain whitefish	243	152	Scale		0		
ES0312	4	8864	Mountain whitefish	307	314	Scale		0	Yellow	7495
ES0312	4	8839	Mountain whitefish	342	416	Scale		0	Yellow	7476
ES0312	4	8850	Mountain whitefish	307	298	Scale		0	Yellow	7485
ES0312	5	10926	Bull trout	397				2	Yellow	6199
ES0312	5	10924	Mountain whitefish	392				2	Yellow	6178
ES0312	5	10925	Mountain whitefish	329				2	Yellow	3150
ES0312	5	10923	Mountain whitefish	280				2	Yellow	3149
ES0312	5	10922	Mountain whitefish	379				2	Yellow	6185
ES0312	5	10921	Mountain whitefish	329				2	Yellow	3141
ES0312	6	12651	Mountain whitefish	355				2	Yellow	4346
ES0312	6	12650	Mountain whitefish	319				2	Yellow	4529
ES0312	6	12649	Mountain whitefish	380				2	Yellow	6185
ES0312	6	12647	Mountain whitefish	332				2	Yellow	3144
ES0312	6	12648	Mountain whitefish	346				2	Yellow	7484
ES0313	1	1811	Arctic grayling	337	554	Scale	3	0	Yellow	3104
ES0313	1	1827	Bull trout	340	442	Fin Ray	4	0	Yellow	3115
ES0313	1	1841	Bull trout	284	228	Fin Ray	3	0	Yellow	3151
ES0313	1	1826	Bull trout	278	242	Fin Ray	4	0	Yellow	3114
ES0313	1	1815	Longnose sucker	451	1208			0		
ES0313	1	1816	Longnose sucker	442	966			0		
ES0313	1	1840	Mountain whitefish	329	356	Scale		0	Yellow	3125
ES0313	1	1839	Mountain whitefish	308	308	Scale		0	Yellow	3124
ES0313	1	1851	Mountain whitefish	261	178	Scale		0	Yellow	3157
ES0313	1	1837	Mountain whitefish	227	134	Scale	3	0		
ES0313	1	1852	Mountain whitefish	151	40	Scale		0		
ES0313	1	1835	Mountain whitefish	301	286	Scale		0	Yellow	3122
ES0313	1	1834	Mountain whitefish	272	202	Scale		0	Yellow	3121
ES0313	1	1842	Mountain whitefish	312	318	Scale		0	Yellow	3152
ES0313	1	1832	Mountain whitefish	367	476	Scale		0	Yellow	3119
ES0313	1	1822	Mountain whitefish	291	242	Scale		0	Yellow	3112
ES0313	1	1831	Mountain whitefish	246	144	Scale		0		
ES0313	1	1830	Mountain whitefish	204	88	Scale		0		
ES0313	1	1829	Mountain whitefish	336	356	Scale		0	Yellow	3118
ES0313	1	1848	Mountain whitefish	241	162	Scale		0		
ES0313	1	1853	Mountain whitefish	151	32	Scale	1	0		
ES0313	1	1833	Mountain whitefish	255	184	Scale		0	Yellow	3120
ES0313	1	1818	Mountain whitefish	331	414	Scale		0	Yellow	3108
ES0313	1	1836	Mountain whitefish	240	140	Scale		0		
ES0313	1	1847	Mountain whitefish	233	130	Scale		0		
ES0313	1	1846	Mountain whitefish	297	242	Scale		0	Yellow	3155
ES0313	1	1845	Mountain whitefish	253	144	Scale		0	Yellow	3154
ES0313	1	1812	Mountain whitefish	313	282	Scale		0		
ES0313	1	1844	Mountain whitefish	233	134	Scale		0		
ES0313	1	1814	Mountain whitefish	283	212	Scale		0	Yellow	3106
ES0313	1	1824	Mountain whitefish	264	214	Scale		0	Yellow	3113
ES0313	1	1817	Mountain whitefish	374	532	Scale		0	Yellow	3107
ES0313	1	1843	Mountain whitefish	264	222	Scale		0	Yellow	3153
ES0313	1	1819	Mountain whitefish	323	316	Scale		0	Yellow	3109
ES0313	1	1820	Mountain whitefish	256	192	Scale		0	Yellow	3110
ES0313	1	1821	Mountain whitefish	282	234	Scale		0	Yellow	3111
ES0313	1	1838	Mountain whitefish	380	568	Scale		0	Yellow	3123

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0313	1	1823	Mountain whitefish	216	104	Scale		0		
ES0313	1	1825	Mountain whitefish	310	296	Scale		0	Yellow	3116
ES0313	1	1813	Mountain whitefish	334	394	Scale		0	Yellow	3105
ES0313	1	1850	Mountain whitefish	204	94	Scale		0		
ES0313	1	1828	Mountain whitefish	282	208	Scale		0	Yellow	3117
ES0313	1	1849	Mountain whitefish	277	226	Scale		0	Yellow	3156
ES0313	2	3601	Bull trout	285	224			2	Yellow	3151
ES0313	2	3586	Largescale sucker	450	1070			0		
ES0313	2	3591	Longnose sucker	398	804			0		
ES0313	2	3590	Longnose sucker	383	660			0		
ES0313	2	3589	Longnose sucker	374	650			0		
ES0313	2	3587	Longnose sucker	332	410			0		
ES0313	2	3588	Longnose sucker	360	536			0		
ES0313	2	3599	Mountain whitefish	249	160	Scale		0		
ES0313	2	3603	Mountain whitefish	162	42	Scale		0		
ES0313	2	3602	Mountain whitefish	191	72	Scale		0		
ES0313	2	3597	Mountain whitefish	294	290	Scale		0	Yellow	4310
ES0313	2	3600	Mountain whitefish	160	40	Scale		0		
ES0313	2	3592	Mountain whitefish	351	428	Scale		0	Yellow	4308
ES0313	2	3598	Mountain whitefish	331	400	Scale		0	Yellow	4311
ES0313	2	3596	Mountain whitefish	239	150	Scale		0		
ES0313	2	3594	Mountain whitefish	366	462			2	Yellow	3119
ES0313	2	3595	Mountain whitefish	233	122	Scale		0		
ES0313	2	3593	Mountain whitefish	295	320	Scale		0	Yellow	4309
ES0313	3	6289	Bull trout	234	134	Scale		2		
ES0313	3	6269	Longnose sucker	399	802			0		
ES0313	3	6263	Longnose sucker	343	532			0		
ES0313	3	6266	Longnose sucker	145	42			0		
ES0313	3	6277	Mountain whitefish	194	90	Scale		0		
ES0313	3	6288	Mountain whitefish	215	104	Scale		0		
ES0313	3	6282	Mountain whitefish	148	40	Scale		0		
ES0313	3	6267	Mountain whitefish	213	106	Scale		0		
ES0313	3	6291	Mountain whitefish	231	142	Scale		0		
ES0313	3	6268	Mountain whitefish	247	148	Scale		0		
ES0313	3	6293	Mountain whitefish	239	128	Scale		0		
ES0313	3	6272	Mountain whitefish	137	34	Scale		0		
ES0313	3	6292	Mountain whitefish	280	196	Scale		0	Yellow	5952
ES0313	3	6274	Mountain whitefish	157	40	Scale		0		
ES0313	3	6290	Mountain whitefish	280	244	Scale		0	Yellow	5951
ES0313	3	6275	Mountain whitefish	313	334	Scale		0	Yellow	5946
ES0313	3	6280	Mountain whitefish	279				2	Yellow	5932
ES0313	3	6278	Mountain whitefish	236	152	Scale		0		
ES0313	3	6279	Mountain whitefish	268	212	Scale		0	Yellow	5947
ES0313	3	6287	Mountain whitefish	151	34	Scale		0		
ES0313	3	6281	Mountain whitefish	332	348	Scale		0	Yellow	5948
ES0313	3	6284	Mountain whitefish	307	276	Scale		0	Yellow	5950
ES0313	3	6283	Mountain whitefish	308	366	Scale		0	Yellow	5949
ES0313	3	6270	Mountain whitefish	353	434	Scale		0	Yellow	5943
ES0313	3	6265	Mountain whitefish	401				2	Yellow	5931
ES0313	3	6264	Mountain whitefish	347	398	Scale		0	Yellow	5942
ES0313	3	6285	Mountain whitefish	150	28	Scale		0		
ES0313	3	6286	Mountain whitefish	242	134	Scale		0		
ES0313	3	6273	Mountain whitefish	314	354	Scale		0	Yellow	5945
ES0313	3	6276	Mountain whitefish	234	136	Scale		0		
ES0313	3	6271	Mountain whitefish	255	182	Scale		0	Yellow	5944
ES0313	4	8608	Mountain whitefish	228	124	Scale		0		
ES0313	4	8603	Mountain whitefish	303	318			2	Yellow	3152
ES0313	4	8604	Mountain whitefish	347	406			2	Yellow	5942
ES0313	4	8605	Mountain whitefish	351	418	Scale		0	Yellow	7323
ES0313	4	8607	Mountain whitefish	305	304	Scale		0	Yellow	7325
ES0313	4	8609	Mountain whitefish	301	264	Scale		0	Yellow	7326
ES0313	4	8610	Mountain whitefish	260	182	Scale		0	Yellow	7327
ES0313	4	8606	Mountain whitefish	260	182	Scale		0	Yellow	7324
ES0313	5	10516	Mountain whitefish	313				2	Yellow	7330
ES0314	1	1859	Arctic grayling	373	754	Scale		4	Yellow	3158
ES0314	1	1855	Longnose sucker	382				0		
ES0314	1	1854	Longnose sucker	403	860			0		
ES0314	1	1862	Mountain whitefish	298	278	Scale		0	Yellow	3161
ES0314	1	1860	Mountain whitefish	303	300	Scale		0	Yellow	3159



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 3											
ES0314	1	1858	Mountain whitefish	422	660	Scale		0			
ES0314	1	1864	Mountain whitefish	331		Scale		0	Yellow	3163	
ES0314	1	1861	Mountain whitefish	320	364	Scale		0	Yellow	3160	
ES0314	1	1872	Mountain whitefish	247	152	Scale		0			
ES0314	1	1865	Mountain whitefish	350	386	Scale		0	Yellow	3164	
ES0314	1	1870	Mountain whitefish	225	122	Scale		0			
ES0314	1	1869	Mountain whitefish	347	350	Scale		0	Yellow	3167	
ES0314	1	1867	Mountain whitefish	137	30	Scale		0			
ES0314	1	1868	Mountain whitefish	345	354	Scale		0	Yellow	3166	
ES0314	1	1871	Mountain whitefish	224	134	Scale		3	0		
ES0314	1	1866	Mountain whitefish	312	302	Scale		0	Yellow	3165	
ES0314	1	1863	Mountain whitefish	342	424	Scale		0	Yellow	3162	
ES0314	1	1857	Rainbow trout	395	706			0			
ES0314	1	1856	Rainbow trout	370				0			
ES0314	2	3165	Mountain whitefish	188	66	Scale		0			
ES0314	2	3166	Mountain whitefish	231	126	Scale		0			
ES0314	2	3167	Rainbow trout	320	344			0	Yellow	4004	
ES0314	3	6089	Longnose sucker	124	28			0			
ES0314	3	6088	Mountain whitefish	349	416	Scale		0	Yellow	5839	
ES0314	3	6087	Mountain whitefish	338	370	Scale		0	Yellow	5838	
ES0314	3	6086	Mountain whitefish	300	302	Scale		4	0	Yellow	5837
ES0314	3	6085	Mountain whitefish	348	404	Scale		0	Yellow	5836	
ES0314	4	8504	Mountain whitefish	351	422	Scale		7	0	Yellow	7258
ES0314	4	8512	Mountain whitefish	203	88	Scale		0			
ES0314	4	8501	Mountain whitefish	363	506			0	Yellow	7257	
ES0314	4	8500	Mountain whitefish	394	538			2	Yellow	4317	
ES0314	4	8506	Mountain whitefish	312	278	Scale		0	Yellow	7260	
ES0314	4	8507	Mountain whitefish	307	324	Scale		0	Yellow	7261	
ES0314	4	8509	Mountain whitefish	314	326	Scale		0	Yellow	7263	
ES0314	4	8505	Mountain whitefish	312	290	Scale		0	Yellow	7259	
ES0314	4	8508	Mountain whitefish	347	512	Scale		0	Yellow	7262	
ES0314	4	8510	Mountain whitefish	321	344	Scale		0	Yellow	7264	
ES0314	4	8511	Mountain whitefish	260	198	Scale		0	Yellow	7265	
ES0314	4	8503	Northern pikeminnow	395	736			0			
ES0314	4	8502	Rainbow trout	341	466			0			
ES0314	5	10519	Mountain whitefish	312				2	Yellow	7261	
ES0315	1	1904	Bull trout	274	230	Fin Ray		3	0	Yellow	3190
ES0315	1	1878	Longnose sucker	477	1238			0			
ES0315	1	1915	Longnose sucker	309	348			0			
ES0315	1	1876	Mountain whitefish	318	386	Scale		0			
ES0315	1	1922	Mountain whitefish	295	272	Scale		0	Yellow	3204	
ES0315	1	1881	Mountain whitefish	334	376	Scale		0	Yellow	3170	
ES0315	1	1888	Mountain whitefish	371	542	Scale		6	0	Yellow	3176
ES0315	1	1919	Mountain whitefish	346	344	Scale		0	Yellow	3202	
ES0315	1	1883	Mountain whitefish	285	268	Scale		0	Yellow	3171	
ES0315	1	1875	Mountain whitefish	320	366	Scale		0			
ES0315	1	1908	Mountain whitefish	310	306	Scale		0	Yellow	3193	
ES0315	1	1914	Mountain whitefish	202	84	Scale		2	0		
ES0315	1	1923	Mountain whitefish	156	34	Scale		0			
ES0315	1	1920	Mountain whitefish	242	140	Scale		0			
ES0315	1	1882	Mountain whitefish	281				2	Yellow	3130	
ES0315	1	1918	Mountain whitefish	295	280	Scale		0	Yellow	3201	
ES0315	1	1917	Mountain whitefish	303	288	Scale		0	Yellow	3200	
ES0315	1	1916	Mountain whitefish	280	218	Scale		0	Yellow	3199	
ES0315	1	1909	Mountain whitefish	288	244	Scale		0	Yellow	3194	
ES0315	1	1910	Mountain whitefish	384	516	Scale		0	Yellow	3195	
ES0315	1	1911	Mountain whitefish	304	286	Scale		0	Yellow	3196	
ES0315	1	1912	Mountain whitefish	309	280	Scale		0	Yellow	3197	
ES0315	1	1913	Mountain whitefish	354	418	Scale		6	0	Yellow	3198
ES0315	1	1887	Mountain whitefish	392	604	Scale		0	Yellow	3175	
ES0315	1	1907	Mountain whitefish	363	356	Scale		0	Yellow	3192	
ES0315	1	1921	Mountain whitefish	294	240	Scale		0	Yellow	3203	
ES0315	1	1877	Mountain whitefish	352	434	Scale		0	Yellow	3169	
ES0315	1	1896	Mountain whitefish	364	394	Scale		0	Yellow	3184	
ES0315	1	1886	Mountain whitefish	347	374	Scale		6	0	Yellow	3174
ES0315	1	1898	Mountain whitefish	249	184	Scale		0			
ES0315	1	1899	Mountain whitefish	315	300	Scale		0	Yellow	3185	
ES0315	1	1901	Mountain whitefish	334	366	Scale		0	Yellow	3187	
ES0315	1	1903	Mountain whitefish	380	464	Scale		0	Yellow	3189	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0315	1	1895	Mountain whitefish	278	206	Scale		0	Yellow	3183
ES0315	1	1879	Mountain whitefish	247	174	Scale	3	0		
ES0315	1	1885	Mountain whitefish	361	428	Scale		0	Yellow	3173
ES0315	1	1873	Mountain whitefish	334	322	Scale		0		
ES0315	1	1874	Mountain whitefish	337	370	Scale		0	Yellow	3168
ES0315	1	1884	Mountain whitefish	370	470	Scale		0	Yellow	3172
ES0315	1	1890	Mountain whitefish	348	416	Scale		0	Yellow	3178
ES0315	1	1900	Mountain whitefish	325	346	Scale		0	Yellow	3186
ES0315	1	1894	Mountain whitefish	321	344	Scale		0	Yellow	3182
ES0315	1	1893	Mountain whitefish	364	448	Scale		0	Yellow	3181
ES0315	1	1892	Mountain whitefish	332	352	Scale		0	Yellow	3180
ES0315	1	1891	Mountain whitefish	315	320	Scale	4	0	Yellow	3179
ES0315	1	1906	Mountain whitefish	318	342	Scale		0	Yellow	3191
ES0315	1	1897	Mountain whitefish	340	328	Scale		2	Yellow	355
ES0315	1	1902	Mountain whitefish	331	324	Scale		0	Yellow	3188
ES0315	1	1880	Mountain whitefish	338	398	Scale		0		
ES0315	1	1889	Mountain whitefish	332	388	Scale		0	Yellow	3177
ES0315	1	1905	Rainbow trout	394	682			0		
ES0315	2	3608	Largescale sucker	484	1373			0		
ES0315	2	3606	Largescale sucker	440	938			0		
ES0315	2	3607	Longnose sucker	367	650			0		
ES0315	2	3636	Longnose sucker	193	92			0		
ES0315	2	3625	Longnose sucker	395	748			0		
ES0315	2	3626	Longnose sucker	373	700			0		
ES0315	2	3627	Longnose sucker	394	762			0		
ES0315	2	3638	Mountain whitefish	290	336	Scale		0	Yellow	4336
ES0315	2	3639	Mountain whitefish	322	360	Scale		0	Yellow	4337
ES0315	2	3640	Mountain whitefish	292	250	Scale		0	Yellow	4338
ES0315	2	3641	Mountain whitefish	275	210	Scale		0	Yellow	4339
ES0315	2	3642	Mountain whitefish	221	112	Scale		0		
ES0315	2	3644	Mountain whitefish	308	300	Scale		0	Yellow	4341
ES0315	2	3643	Mountain whitefish	264	230	Scale		0	Yellow	4340
ES0315	2	3637	Mountain whitefish	389	500	Scale		0	Yellow	4335
ES0315	2	3614	Mountain whitefish	394	532	Scale	7	0	Yellow	4317
ES0315	2	3633	Mountain whitefish	317	330	Scale		0	Yellow	4332
ES0315	2	3623	Mountain whitefish	454	822	Scale		0	Yellow	4325
ES0315	2	3611	Mountain whitefish	295	296	Scale		0	Yellow	4314
ES0315	2	3613	Mountain whitefish	344	402	Scale		0	Yellow	4316
ES0315	2	3615	Mountain whitefish	316	314	Scale		0	Yellow	4318
ES0315	2	3616	Mountain whitefish	290	238	Scale	3	0	Yellow	4319
ES0315	2	3617	Mountain whitefish	316	350	Scale		0	Yellow	4320
ES0315	2	3618	Mountain whitefish	339	350	Scale		0	Yellow	4321
ES0315	2	3619	Mountain whitefish	389	564	Scale		0	Yellow	4322
ES0315	2	3620	Mountain whitefish	289	244	Scale		0	Yellow	4323
ES0315	2	3634	Mountain whitefish	345	434	Scale		0	Yellow	4333
ES0315	2	3622	Mountain whitefish	241	150	Scale		0		
ES0315	2	3624	Mountain whitefish	340	356	Scale		0	Yellow	4326
ES0315	2	3629	Mountain whitefish	332	384	Scale		5	Yellow	4328
ES0315	2	3630	Mountain whitefish	322	346	Scale	6	0	Yellow	4329
ES0315	2	3631	Mountain whitefish	347	452	Scale		0	Yellow	4330
ES0315	2	3632	Mountain whitefish	358	502	Scale		0	Yellow	4331
ES0315	2	3621	Mountain whitefish	350	374	Scale	7	0	Yellow	4324
ES0315	2	3612	Mountain whitefish	369	478	Scale		0	Yellow	4315
ES0315	2	3610	Mountain whitefish	353	402	Scale		0	Yellow	4313
ES0315	2	3609	Mountain whitefish	410	736	Scale		0	Yellow	4312
ES0315	2	3635	Mountain whitefish	380	548	Scale	8	0	Yellow	4334
ES0315	2	3628	Mountain whitefish	380	544	Scale	7	0	Yellow	4327
ES0315	2	3604	Northern pikeminnow	505	1508			0		
ES0315	2	3605	Northern pikeminnow	463	1208			0		
ES0315	3	6583	Longnose sucker	159	52			0		
ES0315	3	6567	Longnose sucker	419	1004			0		
ES0315	3	6568	Longnose sucker	408	876			0		
ES0315	3	6572	Mountain whitefish	308	332	Scale		0	Yellow	6128
ES0315	3	6594	Mountain whitefish	330	360	Scale		0	Yellow	6145
ES0315	3	6598	Mountain whitefish	150	38	Scale		0		
ES0315	3	6566	Mountain whitefish	232	126	Scale		0		
ES0315	3	6597	Mountain whitefish	198	84	Scale		0		
ES0315	3	6593	Mountain whitefish	352	422	Scale		0	Yellow	6144
ES0315	3	6595	Mountain whitefish	267	212	Scale		0	Yellow	6146

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0315	3	6576	Mountain whitefish	358	418	Scale		0	Yellow	6132
ES0315	3	6592	Mountain whitefish	291	262	Scale		0	Yellow	6143
ES0315	3	6596	Mountain whitefish	200	92	Scale		0		
ES0315	3	6581	Mountain whitefish	377	556	Scale		0	Yellow	6135
ES0315	3	6571	Mountain whitefish	424	838	Scale		0	Yellow	6127
ES0315	3	6580	Mountain whitefish	181	60	Scale		0		
ES0315	3	6573	Mountain whitefish	350	412	Scale	5	0	Yellow	6129
ES0315	3	6575	Mountain whitefish	340	346	Scale		0	Yellow	6131
ES0315	3	6577	Mountain whitefish	244	158	Scale		0		
ES0315	3	6578	Mountain whitefish	326	386	Scale	5	0	Yellow	6133
ES0315	3	6570	Mountain whitefish	291				2	Yellow	4319
ES0315	3	6579	Mountain whitefish	288	242	Scale		0	Yellow	6134
ES0315	3	6589	Mountain whitefish	292	268	Scale		0	Yellow	6140
ES0315	3	6574	Mountain whitefish	339	364	Scale		0	Yellow	6130
ES0315	3	6591	Mountain whitefish	285	272	Scale		0	Yellow	6142
ES0315	3	6590	Mountain whitefish	285	242	Scale		0	Yellow	6141
ES0315	3	6588	Mountain whitefish	377	550	Scale		0	Yellow	6139
ES0315	3	6587	Mountain whitefish	316	294	Scale		0	Yellow	6138
ES0315	3	6585	Mountain whitefish	412	656	Scale		0	Yellow	6137
ES0315	3	6584	Mountain whitefish	314				2	Yellow	3185
ES0315	3	6582	Mountain whitefish	328	396	Scale		0	Yellow	6136
ES0315	3	6599	Mountain whitefish	187	62	Scale		0		
ES0315	3	6586	Rainbow trout	273	258			0		
ES0315	4	8513	Largescale sucker	557	1800			0		
ES0315	4	8515	Longnose sucker	377	736			0		
ES0315	4	8516	Longnose sucker	380	734			0		
ES0315	4	8514	Longnose sucker	437	982			0		
ES0315	4	8542	Mountain whitefish	315	298	Scale		0	Yellow	7284
ES0315	4	8518	Mountain whitefish	454	810			2	Yellow	4325
ES0315	4	8538	Mountain whitefish	340	380	Scale		0	Yellow	7282
ES0315	4	8533	Mountain whitefish	286	234	Scale		0	Yellow	7277
ES0315	4	8531	Mountain whitefish	335	370	Scale		0	Yellow	7275
ES0315	4	8534	Mountain whitefish	335	408	Scale		0	Yellow	7278
ES0315	4	8535	Mountain whitefish	270	204	Scale		0	Yellow	7279
ES0315	4	8536	Mountain whitefish	337	370	Scale	6	0	Yellow	7280
ES0315	4	8519	Mountain whitefish	350	418			2	Yellow	6129
ES0315	4	8532	Mountain whitefish	295	272	Scale		0	Yellow	7276
ES0315	4	8537	Mountain whitefish	254	170	Scale		0	Yellow	7281
ES0315	4	8517	Mountain whitefish	374	546			2	Yellow	6135
ES0315	4	8528	Mountain whitefish	337	342	Scale		0	Yellow	7272
ES0315	4	8539	Mountain whitefish	233	138	Scale		0		
ES0315	4	8524	Mountain whitefish	345	360	Scale		0	Yellow	7268
ES0315	4	8541	Mountain whitefish	264	190	Scale		0	Yellow	7283
ES0315	4	8521	Mountain whitefish	330	360			2	Yellow	6145
ES0315	4	8520	Mountain whitefish	351	412			2	Yellow	3063
ES0315	4	8525	Mountain whitefish	343	438	Scale		0	Yellow	7269
ES0315	4	8527	Mountain whitefish	297	266	Scale		0	Yellow	7271
ES0315	4	8522	Mountain whitefish	346	384	Scale		0	Yellow	7266
ES0315	4	8529	Mountain whitefish	323	344	Scale		0	Yellow	7273
ES0315	4	8530	Mountain whitefish	328	362	Scale		0	Yellow	7274
ES0315	4	8523	Mountain whitefish	335	362	Scale	5	0	Yellow	7267
ES0315	4	8540	Mountain whitefish	249	186	Scale		0		
ES0315	4	8545	Mountain whitefish	279	244	Scale		0	Yellow	7286
ES0315	4	8544	Mountain whitefish	249	164	Scale		0		
ES0315	4	8543	Mountain whitefish	295	254	Scale		0	Yellow	7285
ES0315	4	8526	Mountain whitefish	330	372	Scale		0	Yellow	7270
ES0315	5	10520	Arctic grayling	214	120	Scale	1	0		
ES0315	5	10538	Mountain whitefish	343				2	Yellow	6130
ES0315	6	12857	Mountain whitefish	360				2	Yellow	7412
ES0315	6	12856	Mountain whitefish	347				2	Yellow	3053
ES0316	1	1939	Arctic grayling	324	448	Scale	3	0	Yellow	3218
ES0316	1	1937	Bull trout	521	1472	Fin Ray	5	0	Yellow	3216
ES0316	1	1958	Longnose sucker	316	390			0		
ES0316	1	1950	Longnose sucker	384	720			0		
ES0316	1	1959	Longnose sucker	409	898			0		
ES0316	1	1924	Mountain whitefish	355		Scale		0	Yellow	3205
ES0316	1	1934	Mountain whitefish	286	282	Scale		0	Yellow	3213
ES0316	1	1926	Mountain whitefish	361	432	Scale		0	Yellow	3207
ES0316	1	1927	Mountain whitefish	260	190	Scale		0	Yellow	3208



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag		
									Colour	Number	
Section 3											
ES0316	1	1928	Mountain whitefish	275	216	Scale		0	Yellow	3209	
ES0316	1	1929	Mountain whitefish	332	374	Scale		0	Yellow	3210	
ES0316	1	1930	Mountain whitefish	335	356	Scale	5	0	Yellow	3211	
ES0316	1	1933	Mountain whitefish	211	116	Scale		0			
ES0316	1	1946	Mountain whitefish	360	460	Scale		0	Yellow	3223	
ES0316	1	1925	Mountain whitefish	310	296	Scale		0	Yellow	3206	
ES0316	1	1935	Mountain whitefish	261	192	Scale		0	Yellow	3214	
ES0316	1	1936	Mountain whitefish	337	346	Scale		0	Yellow	3215	
ES0316	1	1938	Mountain whitefish	282	238	Scale		0	Yellow	3217	
ES0316	1	1940	Mountain whitefish	292	274	Scale		0	Yellow	3219	
ES0316	1	1932	Mountain whitefish	149	36	Scale		0			
ES0316	1	1941	Mountain whitefish	321	324	Scale		0			
ES0316	1	1931	Mountain whitefish	282	216	Scale		0	Yellow	3212	
ES0316	1	1953	Mountain whitefish	268	220	Scale		0	Yellow	3228	
ES0316	1	1942	Mountain whitefish	321	356	Scale		0	Yellow	3220	
ES0316	1	1948	Mountain whitefish	338	412	Scale		0	Yellow	3224	
ES0316	1	1957	Mountain whitefish	384	522	Scale		0			
ES0316	1	1956	Mountain whitefish	230	152	Scale		0			
ES0316	1	1955	Mountain whitefish	340	366	Scale		0	Yellow	3230	
ES0316	1	1951	Mountain whitefish	338	356	Scale		0	Yellow	3226	
ES0316	1	1949	Mountain whitefish	332	380	Scale		0	Yellow	3225	
ES0316	1	1954	Mountain whitefish	292	258	Scale		0	Yellow	3229	
ES0316	1	1947	Mountain whitefish	401	698	Scale	7	0			
ES0316	1	1945	Mountain whitefish	241	168	Scale		0			
ES0316	1	1952	Mountain whitefish	345	422	Scale		0	Yellow	3227	
ES0316	1	1943	Mountain whitefish	332	382	Scale		0	Yellow	3221	
ES0316	1	1944	Mountain whitefish	265	212	Scale		0	Yellow	3222	
ES0316	2	3732	Arctic grayling	353	548	Scale		3	0	Yellow	4400
ES0316	2	3731	Arctic grayling	422	890	Scale		6	0	Yellow	4399
ES0316	2	3737	Arctic grayling	201	100	Scale		1	0		
ES0316	2	3733	Longnose sucker	438	914			0			
ES0316	2	3729	Longnose sucker	375	642			0			
ES0316	2	3778	Longnose sucker	394	768			0			
ES0316	2	3781	Longnose sucker	334	448			0			
ES0316	2	3779	Longnose sucker	396	784			0			
ES0316	2	3776	Longnose sucker	388	750			0			
ES0316	2	3780	Longnose sucker	378	680			0			
ES0316	2	3744	Longnose sucker	356	522			0			
ES0316	2	3752	Longnose sucker	413	842			0			
ES0316	2	3734	Longnose sucker	428	1000			0			
ES0316	2	3784	Mountain whitefish	346	434	Scale		0	Yellow	4428	
ES0316	2	3805	Mountain whitefish	272	220	Scale		0	Yellow	4446	
ES0316	2	3765	Mountain whitefish	397	516	Scale		0	Yellow	4418	
ES0316	2	3772	Mountain whitefish	334	364	Scale		0	Yellow	4425	
ES0316	2	3762	Mountain whitefish	248	170	Scale		0			
ES0316	2	3760	Mountain whitefish	231	116	Scale		0			
ES0316	2	3795	Mountain whitefish	238	140	Scale		0			
ES0316	2	3800	Mountain whitefish	303	310	Scale		0	Yellow	4443	
ES0316	2	3761	Mountain whitefish	229	146	Scale		0			
ES0316	2	3759	Mountain whitefish	258	192	Scale		0	Yellow	4415	
ES0316	2	3794	Mountain whitefish	327	320	Scale		0	Yellow	4438	
ES0316	2	3793	Mountain whitefish	297	276	Scale		0	Yellow	4437	
ES0316	2	3783	Mountain whitefish	355	456	Scale		0	Yellow	4427	
ES0316	2	3803	Mountain whitefish	242	146	Scale		0			
ES0316	2	3801	Mountain whitefish	288	246	Scale		0	Yellow	4444	
ES0316	2	3802	Mountain whitefish	246	184	Scale		0			
ES0316	2	3799	Mountain whitefish	275	210	Scale		0	Yellow	4442	
ES0316	2	3763	Mountain whitefish	314	312	Scale		0	Yellow	4416	
ES0316	2	3798	Mountain whitefish	314	312	Scale		0	Yellow	4441	
ES0316	2	3796	Mountain whitefish	302	250	Scale		0	Yellow	4439	
ES0316	2	3785	Mountain whitefish	321	304	Scale		0	Yellow	4429	
ES0316	2	3792	Mountain whitefish	269	200	Scale		0	Yellow	4436	
ES0316	2	3791	Mountain whitefish	331	364	Scale		0	Yellow	4435	
ES0316	2	3790	Mountain whitefish	327	336	Scale		0	Yellow	4434	
ES0316	2	3789	Mountain whitefish	340	352	Scale		0	Yellow	4433	
ES0316	2	3788	Mountain whitefish	261	208	Scale		0	Yellow	4432	
ES0316	2	3787	Mountain whitefish	340	316	Scale		0	Yellow	4431	
ES0316	2	3786	Mountain whitefish	353	452	Scale		0	Yellow	4430	
ES0316	2	3797	Mountain whitefish	274	198	Scale		0	Yellow	4440	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0316	2	3750	Mountain whitefish	314	332	Scale		0	Yellow	4410
ES0316	2	3742	Mountain whitefish	383	508	Scale		0	Yellow	4404
ES0316	2	3758	Mountain whitefish	345	408	Scale		0	Yellow	4414
ES0316	2	3782	Mountain whitefish	327	376	Scale		0	Yellow	4426
ES0316	2	3747	Mountain whitefish	289	284	Scale		0	Yellow	4407
ES0316	2	3804	Mountain whitefish	319	292	Scale		0	Yellow	4445
ES0316	2	3748	Mountain whitefish	315	380	Scale		0	Yellow	4408
ES0316	2	3741	Mountain whitefish	329	328	Scale		0	Yellow	4403
ES0316	2	3749	Mountain whitefish	329	402	Scale		0	Yellow	4409
ES0316	2	3743	Mountain whitefish	363	414	Scale		0	Yellow	4405
ES0316	2	3751	Mountain whitefish	342	374	Scale		0		
ES0316	2	3753	Mountain whitefish	295	260	Scale		0	Yellow	4411
ES0316	2	3754	Mountain whitefish	326	324	Scale		0	Yellow	4412
ES0316	2	3755	Mountain whitefish	235	145	Scale		0		
ES0316	2	3767	Mountain whitefish	325	374	Scale		0	Yellow	4419
ES0316	2	3770	Mountain whitefish	355	460	Scale		0	Yellow	4422
ES0316	2	3764	Mountain whitefish	342	430	Scale		0	Yellow	4417
ES0316	2	3775	Mountain whitefish	313	348	Scale		0	Yellow	4423
ES0316	2	3739	Mountain whitefish	328	396	Scale		0	Yellow	4402
ES0316	2	3766	Mountain whitefish	216	118	Scale		0		
ES0316	2	3768	Mountain whitefish	255	178	Scale		0	Yellow	4420
ES0316	2	3736	Mountain whitefish	227	138	Scale		0		
ES0316	2	3735	Mountain whitefish	347	478			2	Yellow	3227
ES0316	2	3746	Mountain whitefish	337	342			2	Yellow	3215
ES0316	2	3769	Mountain whitefish	368	492	Scale		0	Yellow	4421
ES0316	2	3757	Mountain whitefish	306	312	Scale		0		
ES0316	2	3771	Mountain whitefish	350	452	Scale		0	Yellow	4424
ES0316	2	3756	Mountain whitefish	355	474	Scale		0	Yellow	4413
ES0316	2	3773	Mountain whitefish	335	360	Scale		0		
ES0316	2	3774	Mountain whitefish	328	332	Scale		0	Yellow	4401
ES0316	2	3745	Mountain whitefish	330	334	Scale		0	Yellow	4406
ES0316	2	3777	Northern pikeminnow	409	888			0		
ES0316	2	3730	Northern pikeminnow	409	760			0		
ES0316	2	3740	Rainbow trout	265	200			0		
ES0316	2	3738	Rainbow trout	343	454			0		
ES0316	3	6450	Bull trout	523	1630	Fin Ray	5	0	Yellow	6052
ES0316	3	6449	Bull trout	470	1280	Fin Ray	5	0	Yellow	6051
ES0316	3	6448	Bull trout	529	1578	Fin Ray	5	0	Yellow	6050
ES0316	3	6453	Longnose sucker	394	798			0		
ES0316	3	6477	Longnose sucker	380	748			0		
ES0316	3	6460	Mountain whitefish	288	274	Scale		0	Yellow	6060
ES0316	3	6459	Mountain whitefish	315	316	Scale		0	Yellow	6059
ES0316	3	6461	Mountain whitefish	325	368	Scale		0	Yellow	6061
ES0316	3	6462	Mountain whitefish	340	436	Scale		0	Yellow	6062
ES0316	3	6484	Mountain whitefish	280	214	Scale		0	Yellow	6079
ES0316	3	6457	Mountain whitefish	276	230	Scale		0	Yellow	6057
ES0316	3	6474	Mountain whitefish	346	444	Scale		0	Yellow	6072
ES0316	3	6454	Mountain whitefish	311	320	Scale		0	Yellow	6053
ES0316	3	6478	Mountain whitefish	337	368	Scale		0	Yellow	6074
ES0316	3	6458	Mountain whitefish	352	398	Scale		0	Yellow	6058
ES0316	3	6466	Mountain whitefish	345	412	Scale		0	Yellow	6066
ES0316	3	6467	Mountain whitefish	328				2	Yellow	4402
ES0316	3	6468	Mountain whitefish	266	192	Scale		0	Yellow	6067
ES0316	3	6469	Mountain whitefish	370	466	Scale		0	Yellow	6068
ES0316	3	6470	Mountain whitefish	253	166	Scale		0	Yellow	6069
ES0316	3	6471	Mountain whitefish	327	312	Scale		0	Yellow	6070
ES0316	3	6472	Mountain whitefish	268	214	Scale		0	Yellow	6071
ES0316	3	6476	Mountain whitefish	281	228	Scale		0	Yellow	6073
ES0316	3	6463	Mountain whitefish	320	354	Scale		0	Yellow	6063
ES0316	3	6455	Mountain whitefish	358	498	Scale		0	Yellow	6055
ES0316	3	6479	Mountain whitefish	266	218	Scale		0	Yellow	6075
ES0316	3	6480	Mountain whitefish	283	260	Scale		0	Yellow	6076
ES0316	3	6481	Mountain whitefish	190	90	Scale		0		
ES0316	3	6473	Mountain whitefish	299				2	Yellow	4443
ES0316	3	6456	Mountain whitefish	331	356	Scale		0	Yellow	6056
ES0316	3	6451	Mountain whitefish	333				2	Yellow	4431
ES0316	3	6452	Mountain whitefish	283	254	Scale		0	Yellow	6054
ES0316	3	6465	Mountain whitefish	261	206	Scale		0	Yellow	6065
ES0316	3	6483	Mountain whitefish	335	410	Scale		0	Yellow	6078

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0316	3	6489	Mountain whitefish	246	152	Scale		0		
ES0316	3	6492	Mountain whitefish	278	222	Scale		0	Yellow	6086
ES0316	3	6499	Mountain whitefish	325	320	Scale		0	Yellow	6089
ES0316	3	6498	Mountain whitefish	330	328	Scale		0	Yellow	6088
ES0316	3	6496	Mountain whitefish	314	286	Scale		0	Yellow	6087
ES0316	3	6495	Mountain whitefish	195	78	Scale		0		
ES0316	3	6493	Mountain whitefish	240	142	Scale		0		
ES0316	3	6490	Mountain whitefish	288	274	Scale	3	0	Yellow	6084
ES0316	3	6488	Mountain whitefish	266	238	Scale		0	Yellow	6083
ES0316	3	6487	Mountain whitefish	332	426	Scale		0	Yellow	6082
ES0316	3	6485	Mountain whitefish	319	388	Scale		0	Yellow	6080
ES0316	3	6494	Mountain whitefish	187	68	Scale		0		
ES0316	3	6464	Mountain whitefish	271	216	Scale		0	Yellow	6064
ES0316	3	6486	Mountain whitefish	302	252	Scale		0	Yellow	6081
ES0316	3	6491	Mountain whitefish	340	430	Scale		0	Yellow	6085
ES0316	3	6482	Mountain whitefish	284	230	Scale		0	Yellow	6077
ES0316	3	6475	Rainbow trout	339	430			0		
ES0316	3	6497	Rainbow trout	310	390			0		
ES0316		13334	Arctic grayling	344	596	Scale	3	0	Yellow	6236
ES0316		13335	Bull trout	440	766			2	Yellow	6937
ES0316		13348	Burbot	544	762			0		
ES0316		13346	Mountain whitefish	327	334	Scale		0	Yellow	6246
ES0316		13340	Mountain whitefish	341	382	Scale		0	Yellow	6241
ES0316		13339	Mountain whitefish	338	422	Scale		0	Yellow	6240
ES0316		13341	Mountain whitefish	277	220	Scale		0	Yellow	6242
ES0316		13347	Mountain whitefish	351	424	Scale		0	Yellow	6247
ES0316		13344	Mountain whitefish	360	326	Scale		0	Yellow	6244
ES0316		13342	Mountain whitefish	336	356	Scale		0	Yellow	6243
ES0316		13345	Mountain whitefish	326	344	Scale		0	Yellow	6245
ES0316		13337	Mountain whitefish	324	352	Scale		0	Yellow	6238
ES0316		13336	Mountain whitefish	327	318	Scale		0	Yellow	6237
ES0316		13338	Mountain whitefish	316	324	Scale		0	Yellow	6239
ES0316		13343	Rainbow trout	356	500			0		
ES0316	4	8566	Bull trout	492	1190	Fin Ray	6	0	Yellow	7297
ES0316	4	8550	Longnose sucker	315	406			0		
ES0316	4	8546	Longnose sucker	430	966			0		
ES0316	4	8549	Longnose sucker	403	820			0		
ES0316	4	8551	Longnose sucker	380	686			0		
ES0316	4	8547	Longnose sucker	430	926			0		
ES0316	4	8548	Longnose sucker	408	910			0		
ES0316	4	8552	Longnose sucker	137	28			0		
ES0316	4	8562	Mountain whitefish	335	360	Scale		0	Yellow	7293
ES0316	4	8573	Mountain whitefish	335	378	Scale		0	Yellow	7303
ES0316	4	8565	Mountain whitefish	343	418	Scale		0	Yellow	7296
ES0316	4	8553	Mountain whitefish	352	418	Scale		0	Yellow	7287
ES0316	4	8555	Mountain whitefish	285	242	Scale		0	Yellow	7288
ES0316	4	8559	Mountain whitefish	347	424	Scale		0	Yellow	7290
ES0316	4	8556	Mountain whitefish	343	416			2	Yellow	4414
ES0316	4	8570	Mountain whitefish	153	36	Scale		0		
ES0316	4	8564	Mountain whitefish	348	446	Scale		0	Yellow	7295
ES0316	4	8563	Mountain whitefish	316	372	Scale		0	Yellow	7294
ES0316	4	8558	Mountain whitefish	261	212	Scale		0	Yellow	7289
ES0316	4	8576	Mountain whitefish	250	178	Scale		0	Yellow	7305
ES0316	4	8560	Mountain whitefish	340	392	Scale		0	Yellow	7291
ES0316	4	8561	Mountain whitefish	333	370	Scale		0	Yellow	7292
ES0316	4	8578	Mountain whitefish	312	336	Scale		0	Yellow	7306
ES0316	4	8574	Mountain whitefish	254	166	Scale		0	Yellow	7304
ES0316	4	8579	Mountain whitefish	294	244	Scale		0	Yellow	7307
ES0316	4	8554	Mountain whitefish	315	372	Scale		0		
ES0316	4	8557	Mountain whitefish	334	388	Scale		0		
ES0316	4	8572	Mountain whitefish	310	308	Scale		0	Yellow	7302
ES0316	4	8577	Mountain whitefish	231	152	Scale		0		
ES0316	4	8569	Mountain whitefish	315	338	Scale		0	Yellow	7300
ES0316	4	8568	Mountain whitefish	337	370	Scale		0	Yellow	7299
ES0316	4	8567	Mountain whitefish	350	412	Scale		0	Yellow	7298
ES0316	4	8580	Mountain whitefish	275	230	Scale		0	Yellow	7308
ES0316	4	8575	Mountain whitefish	210	100	Scale		0		
ES0316	4	8571	Mountain whitefish	328	408	Scale		0	Yellow	7301
ES0316	5	10539	Bull trout	352	410	Fin Ray	4	0	Yellow	7879

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 3										
ES0316	5	10540	Bull trout	466	956	Fin Ray	5	0	Yellow	7880
ES0316	5	10595	Mountain whitefish	340				2	Yellow	3211
ES0316	5	10596	Mountain whitefish	284				2	Yellow	6073
ES0316	5	10597	Mountain whitefish	356				2	Yellow	4422
ES0316	5	10593	Mountain whitefish	255				2	Yellow	7304
ES0316	5	10594	Mountain whitefish	342				2	Yellow	5884
ES0316	5	10592	Mountain whitefish	345				2	Yellow	6085
ES0316	5	10598	Mountain whitefish	327				2	Yellow	6237
ES0316	6	12858	Bull trout	585	1835	Fin Ray	6	0	Yellow	7909
ES0316	6	12887	Mountain whitefish	294				2	Yellow	6084
ES0316	6	12884	Mountain whitefish	339				2	Yellow	6078
ES0316	6	12885	Mountain whitefish	333				2	Yellow	3221
ES0316	6	12886	Mountain whitefish	340				2	Yellow	4431
Section 4										
ES0401	1	1967	Arctic grayling	408	862	Scale	5	0	Yellow	3237
ES0401	1	1995	Bull trout	319	348	Fin Ray	4	0	Yellow	3260
ES0401	1	1985	Mountain whitefish	281	222	Scale		0		
ES0401	1	1964	Mountain whitefish	335	398	Scale		0	Yellow	3234
ES0401	1	1983	Mountain whitefish	417	664	Scale		0	Yellow	3250
ES0401	1	1977	Mountain whitefish	282	200	Scale		0	Yellow	3246
ES0401	1	1988	Mountain whitefish	345	446	Scale		0	Yellow	3253
ES0401	1	1981	Mountain whitefish	366	472	Scale		0	Yellow	3248
ES0401	1	1980	Mountain whitefish	263	166	Scale		0	Yellow	3247
ES0401	1	1979	Mountain whitefish	365	508	Scale		2	Yellow	1618
ES0401	1	1978	Mountain whitefish	235	134	Scale		0		
ES0401	1	1971	Mountain whitefish	270	200	Scale		0	Yellow	3241
ES0401	1	1986	Mountain whitefish	249	130	Scale		0		
ES0401	1	1982	Mountain whitefish	256	156	Scale		0	Yellow	3249
ES0401	1	1987	Mountain whitefish	372	486	Scale		0	Yellow	3252
ES0401	1	1994	Mountain whitefish	307	300	Scale		0	Yellow	3259
ES0401	1	1989	Mountain whitefish	285	220	Scale		0	Yellow	3254
ES0401	1	1990	Mountain whitefish	302	274	Scale		0	Yellow	3255
ES0401	1	1991	Mountain whitefish	301	304	Scale		0	Yellow	3256
ES0401	1	1976	Mountain whitefish	224	104	Scale		0		
ES0401	1	1984	Mountain whitefish	226	118	Scale		0	Yellow	3251
ES0401	1	1992	Mountain whitefish	269	208	Scale		0	Yellow	3257
ES0401	1	1975	Mountain whitefish	325	312	Scale		0	Yellow	3245
ES0401	1	1973	Mountain whitefish	355	460	Scale		0	Yellow	3243
ES0401	1	1974	Mountain whitefish	355	382	Scale		0	Yellow	3244
ES0401	1	1968	Mountain whitefish	347	404	Scale	5	0	Yellow	3238
ES0401	1	1993	Mountain whitefish	303	270	Scale		0	Yellow	3258
ES0401	1	1960	Mountain whitefish	258	182	Scale		0		
ES0401	1	1972	Mountain whitefish	369	432	Scale		0	Yellow	3242
ES0401	1	1963	Mountain whitefish	298	258	Scale		0	Yellow	3233
ES0401	1	1961	Mountain whitefish	327	368	Scale		0	Yellow	3231
ES0401	1	1962	Mountain whitefish	323	350	Scale		0	Yellow	3232
ES0401	1	1965	Mountain whitefish	408	640	Scale	8	0	Yellow	3235
ES0401	1	1966	Mountain whitefish	399	606			0	Yellow	3236
ES0401	1	1969	Mountain whitefish	278	198	Scale		0	Yellow	3239
ES0401	1	1970	Mountain whitefish	355	530	Scale		0	Yellow	3240
ES0401	2	3983	Largescale sucker	430	1024			0		
ES0401	2	3985	Largescale sucker	495	1444			0		
ES0401	2	3987	Largescale sucker	360	546			0		
ES0401	2	3982	Longnose sucker	419	966			0		
ES0401	2	3984	Longnose sucker	388	812			0		
ES0401	2	3986	Longnose sucker	378	734			0		
ES0401	2	4002	Mountain whitefish	238	134	Scale		0		
ES0401	2	3998	Mountain whitefish	350	400	Scale		0	Yellow	4541
ES0401	2	3988	Mountain whitefish	387	546	Scale		0	Yellow	4532
ES0401	2	3999	Mountain whitefish	450	800	Scale		0	Yellow	4542
ES0401	2	3989	Mountain whitefish	391	526	Scale		0		
ES0401	2	3997	Mountain whitefish	330	346	Scale		0	Yellow	4540
ES0401	2	3996	Mountain whitefish	341	432	Scale		0	Yellow	4539
ES0401	2	3995	Mountain whitefish	347	430	Scale		0	Yellow	4538
ES0401	2	3994	Mountain whitefish	402	604	Scale		0	Yellow	4537
ES0401	2	3993	Mountain whitefish	215	92	Scale		0		
ES0401	2	3992	Mountain whitefish	286	226	Scale		0	Yellow	4535
ES0401	2	4003	Mountain whitefish	331	370	Scale		0	Yellow	4544
ES0401	2	4012	Mountain whitefish	269	190	Scale		0	Yellow	4551

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0401	2	4004	Mountain whitefish	297	262	Scale		0	Yellow	4545
ES0401	2	4005	Mountain whitefish	309	288	Scale		0	Yellow	4546
ES0401	2	3991	Mountain whitefish	365	496	Scale		0	Yellow	4534
ES0401	2	4001	Mountain whitefish	329	318			2	Yellow	3245
ES0401	2	4000	Mountain whitefish	361	448	Scale		0	Yellow	4543
ES0401	2	4011	Mountain whitefish	149	36	Scale		0		
ES0401	2	4010	Mountain whitefish	272	208	Scale		0	Yellow	4536
ES0401	2	4009	Mountain whitefish	297	268	Scale		0	Yellow	4550
ES0401	2	4008	Mountain whitefish	303	274	Scale		0	Yellow	4549
ES0401	2	4007	Mountain whitefish	264	180	Scale		0	Yellow	4548
ES0401	2	4006	Mountain whitefish	339	390	Scale		0	Yellow	4547
ES0401	2	3990	Mountain whitefish	385	514	Scale		0	Yellow	4533
ES0401	3	7143	Bull trout	416				2	Yellow	3536
ES0401	3	7142	Bull trout	317				2	Yellow	3260
ES0401	3	7114	Largescale sucker	352	616			0		
ES0401	3	7149	Largescale sucker	150	40			0		
ES0401	3	7113	Longnose sucker	421	960			0		
ES0401	3	7128	Longnose sucker	423	898			0		
ES0401	3	7126	Mountain whitefish	240	146	Scale		0		
ES0401	3	7125	Mountain whitefish	367	452	Scale		0	Yellow	6421
ES0401	3	7134	Mountain whitefish	304	276	Scale		0	Yellow	6409
ES0401	3	7124	Mountain whitefish	358	458	Scale		0	Yellow	6420
ES0401	3	7123	Mountain whitefish	362	480	Scale		0	Yellow	6419
ES0401	3	7121	Mountain whitefish	394				2	Yellow	3236
ES0401	3	7119	Mountain whitefish	272	218	Scale		0	Yellow	6418
ES0401	3	7129	Mountain whitefish	412	648	Scale		0	Yellow	6422
ES0401	3	7117	Mountain whitefish	361				2	Yellow	3564
ES0401	3	7116	Mountain whitefish	385	592	Scale		0	Yellow	6417
ES0401	3	7115	Mountain whitefish	427	710	Scale		0	Yellow	6416
ES0401	3	7122	Mountain whitefish	349				2	Yellow	4538
ES0401	3	7140	Mountain whitefish	247	188	Scale		0		
ES0401	3	7130	Mountain whitefish	281	198	Scale		0	Yellow	6423
ES0401	3	7150	Mountain whitefish	238	132	Scale		0		
ES0401	3	7141	Mountain whitefish	280	250	Scale		0	Yellow	6427
ES0401	3	7131	Mountain whitefish	293	260	Scale		0	Yellow	6424
ES0401	3	7132	Mountain whitefish	184	60	Scale		0		
ES0401	3	7133	Mountain whitefish	374	478	Scale	7	0	Yellow	6425
ES0401	3	7135	Mountain whitefish	247	186	Scale		0		
ES0401	3	7137	Mountain whitefish	404	564	Scale		0	Yellow	6426
ES0401	3	7151	Mountain whitefish	278	208	Scale		0	Yellow	6430
ES0401	3	7127	Mountain whitefish	367				2	Yellow	3267
ES0401	3	7120	Mountain whitefish	221	108	Scale		0		
ES0401	3	7139	Mountain whitefish	234	130	Scale		0		
ES0401	3	7145	Mountain whitefish	363	530	Scale		0	Yellow	6428
ES0401	3	7146	Mountain whitefish	364	514	Scale		2	Yellow	1618
ES0401	3	7147	Mountain whitefish	221	110	Scale		0		
ES0401	3	7148	Mountain whitefish	323	364	Scale		0	Yellow	6429
ES0401	3	7118	Mountain whitefish	324				2	Yellow	3245
ES0401	3	7144	Mountain whitefish	237	134	Scale		0		
ES0401	3	7138	Mountain whitefish	167	60	Scale		0		
ES0401	3	7136	Northern pikeminnow	217	120			0		
ES0401	3	7152	Rainbow trout	233	160			0		
ES0401	3	7112	Rainbow trout	387	628			0		
ES0401	4	9557	Longnose sucker	388	760			0		
ES0401	4	9558	Longnose sucker	464	1130			0		
ES0401	4	9556	Longnose sucker	385	722			0		
ES0401	4	9570	Mountain whitefish	275	228	Scale		0	Yellow	7861
ES0401	4	9565	Mountain whitefish	348	430	Scale		0	Yellow	7856
ES0401	4	9560	Mountain whitefish	372	490	Scale		0	Yellow	7851
ES0401	4	9561	Mountain whitefish	348	434	Scale		0	Yellow	7852
ES0401	4	9569	Mountain whitefish	290	248	Scale		0	Yellow	7860
ES0401	4	9568	Mountain whitefish	275	222	Scale		0	Yellow	7859
ES0401	4	9563	Mountain whitefish	302	300	Scale		0	Yellow	7854
ES0401	4	9562	Mountain whitefish	270	196	Scale		0	Yellow	7853
ES0401	4	9567	Mountain whitefish	261	172	Scale		0	Yellow	7858
ES0401	4	9564	Mountain whitefish	345	366	Scale		0	Yellow	7855
ES0401	4	9566	Mountain whitefish	337	420	Scale		0	Yellow	7857
ES0401	4	9559	Mountain whitefish	422	804	Scale		0	Yellow	7850
ES0401	5	11008	Bull trout	525	1286	Fin Ray	6	0	Yellow	7887



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0401	5	11025	Mountain whitefish	350				2	Yellow	7852
ES0401	5	11023	Mountain whitefish	368				2	Yellow	3248
ES0401	5	11026	Mountain whitefish	332				2	Yellow	4544
ES0401	5	11024	Mountain whitefish	370				2	Yellow	3267
ES0401	6	13039	Arctic grayling	175	66	Scale	1	0		
ES0401	6	13062	Mountain whitefish	390				2	Yellow	6468
ES0401	6	13063	Mountain whitefish	342				2	Yellow	7857
ES0402	1	2063	Longnose sucker	402	794			0		
ES0402	1	2072	Mountain whitefish	378	498	Scale		0	Yellow	3309
ES0402	1	2068	Mountain whitefish	358	422	Scale		0	Yellow	3305
ES0402	1	2067	Mountain whitefish	290	256	Scale		0	Yellow	3304
ES0402	1	2065	Mountain whitefish	345	410	Scale		0		
ES0402	1	2066	Mountain whitefish	279	210	Scale		0	Yellow	3303
ES0402	1	2071	Mountain whitefish	366	508	Scale		0	Yellow	3308
ES0402	1	2069	Mountain whitefish	337	358	Scale	4	0	Yellow	3306
ES0402	1	2064	Mountain whitefish	359	458	Scale		0	Yellow	3302
ES0402	1	2070	Mountain whitefish	332	382	Scale		0	Yellow	3307
ES0402	1	2074	Mountain whitefish	372	454	Scale		0	Yellow	3311
ES0402	1	2073	Mountain whitefish	337	408	Scale		0	Yellow	3311
ES0402	2	4017	Largescale sucker	444	1070			0		
ES0402	2	4015	Largescale sucker	415	916			0		
ES0402	2	4013	Largescale sucker	500	1570			0		
ES0402	2	4019	Largescale sucker	368	596			0		
ES0402	2	4018	Longnose sucker	459	1146			0		
ES0402	2	4014	Longnose sucker	392	672			0		
ES0402	2	4016	Longnose sucker	420	916			0		
ES0402	2	4023	Mountain whitefish	354	358	Scale		0		
ES0402	2	4037	Mountain whitefish	263	190	Scale		0	Yellow	4564
ES0402	2	4020	Mountain whitefish	417	662	Scale	8	0	Yellow	4552
ES0402	2	4025	Mountain whitefish	392	552	Scale		0	Yellow	4555
ES0402	2	4022	Mountain whitefish	382	548	Scale		0	Yellow	4554
ES0402	2	4039	Mountain whitefish	200	74	Scale		0		
ES0402	2	4024	Mountain whitefish	380	534			2	Yellow	3276
ES0402	2	4027	Mountain whitefish	324	320	Scale		0	Yellow	4557
ES0402	2	4021	Mountain whitefish	470	976	Scale	9	0	Yellow	4553
ES0402	2	4033	Mountain whitefish	320	318	Scale		0	Yellow	4563
ES0402	2	4036	Mountain whitefish	236	122	Scale		0		
ES0402	2	4038	Mountain whitefish	249	174	Scale		0		
ES0402	2	4040	Mountain whitefish	245	160	Scale		0		
ES0402	2	4034	Mountain whitefish	232	122	Scale		0		
ES0402	2	4035	Mountain whitefish	233	118	Scale		0		
ES0402	2	4026	Mountain whitefish	293	292	Scale		0	Yellow	4556
ES0402	2	4028	Mountain whitefish	361	440	Scale		0	Yellow	4558
ES0402	2	4032	Mountain whitefish	333	352	Scale	5	0	Yellow	4562
ES0402	2	4031	Mountain whitefish	366	450	Scale		0	Yellow	4561
ES0402	2	4030	Mountain whitefish	347	452	Scale		0	Yellow	4560
ES0402	2	4029	Mountain whitefish	389	548	Scale		0	Yellow	4559
ES0402	3	7090	Longnose sucker	351	616			0		
ES0402	3	7099	Mountain whitefish	336	500	Scale		0	Yellow	6408
ES0402	3	7110	Mountain whitefish	193	70	Scale		0		
ES0402	3	7096	Mountain whitefish	407	694	Scale		0	Yellow	6405
ES0402	3	7111	Mountain whitefish	236	138	Scale		0		
ES0402	3	7103	Mountain whitefish	288	236	Scale		0	Yellow	6411
ES0402	3	7097	Mountain whitefish	328	364	Scale		0	Yellow	6406
ES0402	3	7106	Mountain whitefish	328	326	Scale		0	Yellow	6414
ES0402	3	7094	Mountain whitefish	350	468	Scale		0	Yellow	6403
ES0402	3	7105	Mountain whitefish	292	254	Scale		0	Yellow	6413
ES0402	3	7107	Mountain whitefish	240	140	Scale		0		
ES0402	3	7098	Mountain whitefish	307	314	Scale		0	Yellow	6407
ES0402	3	7109	Mountain whitefish	237	138	Scale		0		
ES0402	3	7102	Mountain whitefish	156	42	Scale		0		
ES0402	3	7095	Mountain whitefish	364	504	Scale		0	Yellow	6404
ES0402	3	7093	Mountain whitefish	435	838	Scale		0	Yellow	6402
ES0402	3	7108	Mountain whitefish	305	378	Scale		0	Yellow	6415
ES0402	3	7092	Mountain whitefish	354				2	Yellow	3305
ES0402	3	7091	Mountain whitefish	329	346	Scale		0	Yellow	6401
ES0402	3	7089	Mountain whitefish	434	954	Scale		0	Yellow	6400
ES0402	3	7100	Mountain whitefish	347	448	Scale		0	Yellow	6410
ES0402	3	7101	Mountain whitefish	235	164	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0402	3	7104	Mountain whitefish	287	208	Scale		0	Yellow	6412
ES0402	4	9107	Bull trout	503	1318	Fin Ray	6	0	Yellow	7622
ES0402	4	9095	Largescale sucker	548	1854			0		
ES0402	4	9092	Largescale sucker	460	1230			0		
ES0402	4	9093	Longnose sucker	427	822			0		
ES0402	4	9090	Longnose sucker	456	1058			0		
ES0402	4	9094	Longnose sucker	455	1156			0		
ES0402	4	9096	Longnose sucker	396	850			0		
ES0402	4	9097	Longnose sucker	381	720			0		
ES0402	4	9091	Longnose sucker	438	1148			0		
ES0402	4	9113	Mountain whitefish	315	304	Scale		0	Yellow	7628
ES0402	4	9114	Mountain whitefish	161	46	Scale		0		
ES0402	4	9115	Mountain whitefish	288	248	Scale		0	Yellow	7629
ES0402	4	9116	Mountain whitefish	349	404	Scale		0	Yellow	7630
ES0402	4	9111	Mountain whitefish	372	534	Scale		0	Yellow	7626
ES0402	4	9119	Mountain whitefish	226	114	Scale		0		
ES0402	4	9121	Mountain whitefish	263	192	Scale		0	Yellow	7633
ES0402	4	9110	Mountain whitefish	165	50	Scale		0		
ES0402	4	9120	Mountain whitefish	170	54	Scale		0		
ES0402	4	9118	Mountain whitefish	285	236	Scale		0	Yellow	7632
ES0402	4	9099	Mountain whitefish	390	572	Scale		0	Yellow	7618
ES0402	4	9109	Mountain whitefish	375	528	Scale		0	Yellow	7625
ES0402	4	9102	Mountain whitefish	266	328			2	Yellow	7577
ES0402	4	9105	Mountain whitefish	364	482			2	Yellow	3302
ES0402	4	9104	Mountain whitefish	256	168	Scale		0	Yellow	7621
ES0402	4	9106	Mountain whitefish	379	494	Scale		0	Yellow	7623
ES0402	4	9103	Mountain whitefish	352	512	Scale		0	Yellow	7620
ES0402	4	9100	Mountain whitefish	335	380			2	Yellow	6401
ES0402	4	9117	Mountain whitefish	392	536	Scale		0	Yellow	7631
ES0402	4	9112	Mountain whitefish	307	326	Scale		0	Yellow	7627
ES0402	4	9108	Mountain whitefish	352	464	Scale		0	Yellow	7624
ES0402	4	9101	Mountain whitefish	362	484	Scale		0	Yellow	7619
ES0402	4	9089	Northern pikeminnow	404	848			0		
ES0402	4	9098	Walleye	396	678			0		
ES0402	5	11027	Arctic grayling	183	70	Scale	1	0		
ES0403	1	1996	Largescale sucker	505	1488			0		
ES0403	1	1997	Largescale sucker	406	938			0		
ES0403	1	2001	Longnose sucker	403	838			0		
ES0403	1	2002	Longnose sucker	393	646			0		
ES0403	1	2000	Longnose sucker	406	800			0		
ES0403	1	1999	Longnose sucker	375	682			0		
ES0403	1	1998	Longnose sucker	403	816			0		
ES0403	1	2007	Mountain whitefish	305	296	Scale		0	Yellow	3262
ES0403	1	2008	Mountain whitefish	350	472	Scale		0	Yellow	3263
ES0403	1	2009	Mountain whitefish	343	378	Scale		0	Yellow	3264
ES0403	1	2005	Mountain whitefish	255	176	Scale		0	Yellow	3261
ES0403	1	2022	Mountain whitefish	381	540	Scale		0	Yellow	3276
ES0403	1	2010	Mountain whitefish	282	242	Scale	4	0	Yellow	3265
ES0403	1	2004	Mountain whitefish	143	28	Scale		0		
ES0403	1	2017	Mountain whitefish	336	402	Scale		0	Yellow	3271
ES0403	1	2006	Mountain whitefish	138	26	Scale		0		
ES0403	1	2003	Mountain whitefish	306	296	Scale		0		
ES0403	1	2014	Mountain whitefish	148	34	Scale		0		
ES0403	1	2021	Mountain whitefish	285	230	Scale		0	Yellow	3275
ES0403	1	2012	Mountain whitefish	370	438	Scale		0	Yellow	3267
ES0403	1	2013	Mountain whitefish	356	440	Scale		0	Yellow	3268
ES0403	1	2015	Mountain whitefish	339	374	Scale		0	Yellow	3269
ES0403	1	2016	Mountain whitefish	279	246	Scale		0	Yellow	3270
ES0403	1	2011	Mountain whitefish	278	208	Scale		0	Yellow	3266
ES0403	1	2018	Mountain whitefish	430	752	Scale		0	Yellow	3272
ES0403	1	2019	Mountain whitefish	322	318	Scale		0	Yellow	3273
ES0403	1	2020	Mountain whitefish	366	504	Scale		0	Yellow	3274
ES0403	2	4051	Bull trout	595	2500	Fin Ray	6	0	Yellow	4565
ES0403	2	4052	Largescale sucker	240	180			0		
ES0403	2	4041	Largescale sucker	445	972			0		
ES0403	2	4048	Largescale sucker	443	1004			0		
ES0403	2	4049	Largescale sucker	445	1070			0		
ES0403	2	4043	Largescale sucker	461	1358			0		
ES0403	2	4046	Longnose sucker	435	986			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0403	2	4044	Longnose sucker	378	708			0		
ES0403	2	4047	Longnose sucker	453	994			0		
ES0403	2	4050	Longnose sucker	380	558			0		
ES0403	2	4045	Longnose sucker	403	844			0		
ES0403	2	4042	Longnose sucker	402	838			0		
ES0403	2	4075	Mountain whitefish	254	168	Scale		0	Yellow	4580
ES0403	2	4068	Mountain whitefish	307	284	Scale		0	Yellow	4577
ES0403	2	4069	Mountain whitefish	334	346	Scale		0	Yellow	4578
ES0403	2	4070	Mountain whitefish	278	208	Scale		0	Yellow	4579
ES0403	2	4077	Mountain whitefish	222	110	Scale		0		
ES0403	2	4059	Mountain whitefish	372	510	Scale		0		
ES0403	2	4053	Mountain whitefish	437	870	Scale		0	Yellow	4566
ES0403	2	4076	Mountain whitefish	191	68	Scale		0		
ES0403	2	4054	Mountain whitefish	349	470			2	Yellow	3263
ES0403	2	4074	Mountain whitefish	177	58	Scale		0		
ES0403	2	4073	Mountain whitefish	221	118	Scale		0		
ES0403	2	4072	Mountain whitefish	238	132	Scale		0		
ES0403	2	4071	Mountain whitefish	147	30	Scale		0		
ES0403	2	4061	Mountain whitefish	329	304	Scale		0	Yellow	4572
ES0403	2	4063	Mountain whitefish	363	340	Scale		0	Yellow	4574
ES0403	2	4081	Mountain whitefish	150	34	Scale		0		
ES0403	2	4057	Mountain whitefish	315	294	Scale		0	Yellow	4569
ES0403	2	4080	Mountain whitefish	240	148	Scale		0		
ES0403	2	4058	Mountain whitefish	286	228	Scale		0	Yellow	4570
ES0403	2	4060	Mountain whitefish	335	338	Scale		0	Yellow	4571
ES0403	2	4067	Mountain whitefish	380	494	Scale		0	Yellow	4576
ES0403	2	4062	Mountain whitefish	293	274	Scale	3	0	Yellow	4573
ES0403	2	4055	Mountain whitefish	350	498	Scale		0	Yellow	4567
ES0403	2	4064	Mountain whitefish	307	304			2	Yellow	3256
ES0403	2	4065	Mountain whitefish	402	674	Scale		0	Yellow	4575
ES0403	2	4082	Mountain whitefish	225	120	Scale		0		
ES0403	2	4079	Mountain whitefish	214	96	Scale		0		
ES0403	2	4078	Mountain whitefish	152	30	Scale		0		
ES0403	2	4066	Mountain whitefish	241	140	Scale		0		
ES0403	2	4056	Mountain whitefish	367	416	Scale		0	Yellow	4568
ES0403	3	7188	Arctic grayling	184	72	Scale	2	0		
ES0403	3	7160	Largescale sucker	427	872			0		
ES0403	3	7153	Largescale sucker	414	922			0		
ES0403	3	7162	Largescale sucker	442	1100			0		
ES0403	3	7155	Largescale sucker	460	1166			0		
ES0403	3	7163	Longnose sucker	444	1130			0		
ES0403	3	7154	Longnose sucker	468	1302			0		
ES0403	3	7156	Longnose sucker	405	866			0		
ES0403	3	7189	Longnose sucker	226	132			0		
ES0403	3	7182	Longnose sucker	194	88			0		
ES0403	3	7157	Longnose sucker	427	1018			0		
ES0403	3	7164	Longnose sucker	385	752			0		
ES0403	3	7165	Longnose sucker	295	308			0		
ES0403	3	7161	Longnose sucker	483	1422			0		
ES0403	3	7159	Longnose sucker	289	282			0		
ES0403	3	7158	Longnose sucker	375	756			0		
ES0403	3	7185	Mountain whitefish	265	212	Scale		0	Yellow	6440
ES0403	3	7179	Mountain whitefish	290				2	Yellow	4573
ES0403	3	7178	Mountain whitefish	285	238	Scale		0	Yellow	6439
ES0403	3	7184	Mountain whitefish	194	74	Scale		0		
ES0403	3	7174	Mountain whitefish	307				2	Yellow	6409
ES0403	3	7175	Mountain whitefish	324	336	Scale		0	Yellow	6436
ES0403	3	7177	Mountain whitefish	254				2	Yellow	4716
ES0403	3	7181	Mountain whitefish	248	180	Scale		0		
ES0403	3	7180	Mountain whitefish	274				2	Yellow	6418
ES0403	3	7183	Mountain whitefish	241	144	Scale		0		
ES0403	3	7186	Mountain whitefish	225	114	Scale		0		
ES0403	3	7187	Mountain whitefish	155	30	Scale		0		
ES0403	3	7170	Mountain whitefish	281				2	Yellow	3270
ES0403	3	7176	Mountain whitefish	362	478	Scale	7	0	Yellow	6438
ES0403	3	7171	Mountain whitefish	395	556	Scale		0	Yellow	6432
ES0403	3	7190	Mountain whitefish	142		Scale		0		
ES0403	3	7168	Mountain whitefish	354	500	Scale		0	Yellow	6431
ES0403	3	7172	Mountain whitefish	353	414	Scale		0	Yellow	6433



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0403	3	7166	Mountain whitefish	439				2	Yellow	3277
ES0403	3	7173	Mountain whitefish	333	406	Scale		0	Yellow	6434
ES0403	3	7167	Mountain whitefish	402				2	Yellow	6426
ES0403	3	7169	Northern pikeminnow	354	558			0		
ES0403	4	8992	Largescale sucker	475	1450			0		
ES0403	4	8995	Largescale sucker	454	1850			0		
ES0403	4	8994	Largescale sucker	463	1214			0		
ES0403	4	8996	Largescale sucker	535	1602			0		
ES0403	4	9001	Longnose sucker	381	634			0		
ES0403	4	9000	Longnose sucker	390	744			0		
ES0403	4	8997	Longnose sucker	477	1834			0		
ES0403	4	8999	Longnose sucker	397	754			0		
ES0403	4	8993	Longnose sucker	450	1086			0		
ES0403	4	8991	Longnose sucker	435	1022			0		
ES0403	4	8998	Longnose sucker	480	1408			0		
ES0403	4	9004	Mountain whitefish	360	458			2	Yellow	6420
ES0403	4	9010	Mountain whitefish	316	310	Scale		0	Yellow	7575
ES0403	4	9008	Mountain whitefish	392	678	Scale		0	Yellow	7573
ES0403	4	9007	Mountain whitefish	367	520			2	Yellow	3274
ES0403	4	9003	Mountain whitefish	374	576			2	Yellow	5900
ES0403	4	9005	Mountain whitefish	345	400			2	Yellow	3238
ES0403	4	9006	Mountain whitefish	360	480			2	Yellow	6438
ES0403	4	9009	Mountain whitefish	361	462	Scale		0	Yellow	7574
ES0403	4	9017	Mountain whitefish	286	216	Scale		0	Yellow	7581
ES0403	4	9016	Mountain whitefish	284	226	Scale		0	Yellow	7580
ES0403	4	9011	Mountain whitefish	365	470	Scale		0	Yellow	7576
ES0403	4	9015	Mountain whitefish	383	470	Scale		0	Yellow	7579
ES0403	4	9014	Mountain whitefish	374	478	Scale		0	Yellow	7578
ES0403	4	9013	Mountain whitefish	265	226	Scale		0	Yellow	7577
ES0403	4	9002	Mountain whitefish	320	350	Scale		0	Yellow	7572
ES0403	4	9012	Mountain whitefish	200	84	Scale		0		
ES0403	4	9018	Mountain whitefish	236	140	Scale		0		
ES0403	5	11049	Arctic grayling	386	704	Scale		4	0	
ES0403	5	11079	Bull trout	503				2	Yellow	7622
ES0403	5	11050	Bull trout	365	452	Fin Ray		4	0	Yellow
ES0403	5	11080	Mountain whitefish	401				2	Yellow	6426
ES0403	5	11081	Mountain whitefish	343				2	Yellow	7864
ES0403	6	13002	Mountain whitefish	331				2	Yellow	4578
ES0404	1	2034	Arctic grayling	264	246	Scale		2	0	Yellow
ES0404	1	2027	Longnose sucker	415	830			0		
ES0404	1	2025	Longnose sucker	407	860			0		
ES0404	1	2026	Longnose sucker	385	642			0		
ES0404	1	2023	Longnose sucker	363	592			0		
ES0404	1	2028	Longnose sucker	391	644			0		
ES0404	1	2049	Mountain whitefish	273	190	Scale		0	Yellow	3295
ES0404	1	2039	Mountain whitefish	346	390	Scale		0	Yellow	3287
ES0404	1	2052	Mountain whitefish	347	400	Scale		0	Yellow	3298
ES0404	1	2050	Mountain whitefish	385	514	Scale		0	Yellow	3296
ES0404	1	2056	Mountain whitefish	280	234	Scale		0	Yellow	3301
ES0404	1	2057	Mountain whitefish	237	138	Scale		0		
ES0404	1	2051	Mountain whitefish	299	254	Scale		0	Yellow	3297
ES0404	1	2053	Mountain whitefish	367	448	Scale		0	Yellow	3299
ES0404	1	2055	Mountain whitefish	226	126	Scale		0		
ES0404	1	2058	Mountain whitefish	227	116	Scale		0		
ES0404	1	2024	Mountain whitefish	441	1012	Scale		0	Yellow	3277
ES0404	1	2060	Mountain whitefish	176	58	Scale		0		
ES0404	1	2059	Mountain whitefish	154	36	Scale		0		
ES0404	1	2048	Mountain whitefish	357	408	Scale		6	0	Yellow
ES0404	1	2054	Mountain whitefish	360	418	Scale		6	0	Yellow
ES0404	1	2061	Mountain whitefish	186	52	Scale		0		
ES0404	1	2029	Mountain whitefish	313	330	Scale		5	0	Yellow
ES0404	1	2030	Mountain whitefish	381	512	Scale		0	Yellow	3279
ES0404	1	2037	Mountain whitefish	344	420	Scale		0	Yellow	3286
ES0404	1	2045	Mountain whitefish	349	426	Scale		0	Yellow	3291
ES0404	1	2044	Mountain whitefish	246	144	Scale		0		
ES0404	1	2043	Mountain whitefish	241	148	Scale		3	0	
ES0404	1	2042	Mountain whitefish	288	238	Scale		0	Yellow	3290
ES0404	1	2041	Mountain whitefish	430	782	Scale		0	Yellow	3289
ES0404	1	2040	Mountain whitefish	298	266	Scale		0	Yellow	3288

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0404	1	2032	Mountain whitefish	281	224	Scale		0	Yellow	3281
ES0404	1	2038	Mountain whitefish	222	116	Scale		0		
ES0404	1	2047	Mountain whitefish	304	278	Scale		0	Yellow	3293
ES0404	1	2036	Mountain whitefish	276	224	Scale		0	Yellow	3285
ES0404	1	2035	Mountain whitefish	328	384	Scale		0	Yellow	3284
ES0404	1	2033	Mountain whitefish	344	392	Scale		0	Yellow	3282
ES0404	1	2031	Mountain whitefish	363	570	Scale		0	Yellow	2380
ES0404	1	2046	Mountain whitefish	287	234	Scale		0	Yellow	3292
ES0404	2	4107	Arctic grayling	153	34	Scale	1	0		
ES0404	2	4106	Arctic grayling	183	62	Scale	1	0		
ES0404	2	4088	Bull trout	404	708	Fin Ray	4	0	Yellow	4584
ES0404	2	4097	Bull trout	387	558	Fin Ray	4	0	Yellow	4585
ES0404	2	4083	Bull trout	516	1246	Fin Ray	5	0	Yellow	4582
ES0404	2	4090	Largescale sucker	442	948			0		
ES0404	2	4101	Largescale sucker	370	568			0		
ES0404	2	4094	Largescale sucker	442	996			0		
ES0404	2	4087	Largescale sucker	367	648			0		
ES0404	2	4089	Largescale sucker	493	1556			0		
ES0404	2	4093	Largescale sucker	403	834			0		
ES0404	2	4137	Largescale sucker	294	304			0		
ES0404	2	4092	Largescale sucker	360	570			0		
ES0404	2	4119	Longnose sucker	314	388			0		
ES0404	2	4096	Longnose sucker	370	482			0		
ES0404	2	4121	Longnose sucker	358	600			0		
ES0404	2	4085	Longnose sucker	398	696			0		
ES0404	2	4095	Longnose sucker	451	1136			0		
ES0404	2	4113	Longnose sucker	400	764			0		
ES0404	2	4131	Longnose sucker	352	580			0		
ES0404	2	4086	Longnose sucker	302	316			0		
ES0404	2	4091	Longnose sucker	422	984			0		
ES0404	2	4099	Mountain whitefish	404	682	Scale		0	Yellow	4587
ES0404	2	4100	Mountain whitefish	375	516	Scale		0	Yellow	4588
ES0404	2	4147	Mountain whitefish	157	88	Scale		0		
ES0404	2	4160	Mountain whitefish	270	168	Scale		1		
ES0404	2	4144	Mountain whitefish	295	258	Scale		0	Yellow	4614
ES0404	2	4140	Mountain whitefish	337	388	Scale		0	Yellow	4612
ES0404	2	4126	Mountain whitefish	416	636	Scale	8	0	Yellow	4603
ES0404	2	4125	Mountain whitefish	373	430	Scale		0	Yellow	4602
ES0404	2	4124	Mountain whitefish	320	330	Scale		0		
ES0404	2	4123	Mountain whitefish	437	768	Scale		0	Yellow	4601
ES0404	2	4122	Mountain whitefish	385	500	Scale		2	Yellow	3296
ES0404	2	4120	Mountain whitefish	316	290	Scale		0	Yellow	4581
ES0404	2	4118	Mountain whitefish	292	260	Scale		0	Yellow	4600
ES0404	2	4129	Mountain whitefish	267	188	Scale		0		
ES0404	2	4145	Mountain whitefish	248	164	Scale	3	0		
ES0404	2	4143	Mountain whitefish	347	420	Scale		0	Yellow	4613
ES0404	2	4102	Mountain whitefish	348	444	Scale		0	Yellow	4589
ES0404	2	4146	Mountain whitefish	183	62	Scale		0		
ES0404	2	4104	Mountain whitefish	308	272	Scale	4	0	Yellow	4590
ES0404	2	4158	Mountain whitefish	214	94	Scale		1		
ES0404	2	4157	Mountain whitefish	145	26	Scale		1		
ES0404	2	4156	Mountain whitefish	147	30	Scale		1		
ES0404	2	4098	Mountain whitefish	351	432	Scale		0	Yellow	4586
ES0404	2	4155	Mountain whitefish	163	42	Scale		1		
ES0404	2	4138	Mountain whitefish	271	202	Scale		0	Yellow	4610
ES0404	2	4153	Mountain whitefish	138	26	Scale	1	1		
ES0404	2	4149	Mountain whitefish	164	50	Scale		0		
ES0404	2	4150	Mountain whitefish	230	132	Scale		0		
ES0404	2	4148	Mountain whitefish	200	88	Scale		0		
ES0404	2	4152	Mountain whitefish	230	106	Scale		0		
ES0404	2	4115	Mountain whitefish	350	422	Scale		0	Yellow	4598
ES0404	2	4159	Mountain whitefish	267	196	Scale		1		
ES0404	2	4112	Mountain whitefish	346	374	Scale		0	Yellow	4596
ES0404	2	4114	Mountain whitefish	414	690	Scale		0	Yellow	4597
ES0404	2	4109	Mountain whitefish	330	356	Scale		0	Yellow	4593
ES0404	2	4108	Mountain whitefish	407	612	Scale		0	Yellow	4592
ES0404	2	4110	Mountain whitefish	345	412	Scale		0	Yellow	4594
ES0404	2	4111	Mountain whitefish	370	528	Scale		0	Yellow	4595
ES0404	2	4084	Mountain whitefish	356	422	Scale		0	Yellow	4583

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0404	2	4151	Mountain whitefish	157	36	Scale		0		
ES0404	2	4116	Mountain whitefish	410	704	Scale		0	Yellow	4599
ES0404	2	4142	Mountain whitefish	230	116	Scale		0		
ES0404	2	4117	Mountain whitefish	305	302	Scale		0		
ES0404	2	4130	Mountain whitefish	279	210	Scale	3	0		
ES0404	2	4103	Mountain whitefish	384	588	Scale		0		
ES0404	2	4128	Mountain whitefish	342	396	Scale		0	Yellow	4605
ES0404	2	4139	Mountain whitefish	331	382	Scale	5	0	Yellow	4611
ES0404	2	4127	Mountain whitefish	340	368	Scale		0	Yellow	4604
ES0404	2	4154	Mountain whitefish	153	36	Scale		1		
ES0404	2	4132	Mountain whitefish	172	60	Scale		1		
ES0404	2	4133	Mountain whitefish	305	314	Scale	4	0	Yellow	4606
ES0404	2	4134	Mountain whitefish	335	364	Scale		0	Yellow	4607
ES0404	2	4105	Mountain whitefish	305	274	Scale		0	Yellow	4591
ES0404	2	4135	Mountain whitefish	322	318	Scale		0	Yellow	4608
ES0404	2	4136	Mountain whitefish	307	312	Scale		0	Yellow	4609
ES0404	2	4141	Mountain whitefish	224	114	Scale		0		
ES0404	3	7227	Arctic grayling	214	118	Scale	1	0		
ES0404	3	7214	Arctic grayling	332	510	Scale	3	0	Yellow	6449
ES0404	3	7218	Bull trout	309	286	Fin Ray	3	0	Yellow	6442
ES0404	3	7217	Bull trout	410	654	Fin Ray	4	0	Yellow	6437
ES0404	3	7191	Longnose sucker	414	917			0		
ES0404	3	7213	Longnose sucker	403	824			0		
ES0404	3	7201	Longnose sucker	360	526			0		
ES0404	3	7199	Longnose sucker	438	906			0		
ES0404	3	7195	Longnose sucker	415	854			0		
ES0404	3	7196	Longnose sucker	420	986			0		
ES0404	3	7197	Longnose sucker	385	718			0		
ES0404	3	7198	Longnose sucker	375	660			0		
ES0404	3	7200	Longnose sucker	368	568			0		
ES0404	3	7194	Longnose sucker	401	758			0		
ES0404	3	7193	Longnose sucker	397	840			0		
ES0404	3	7192	Longnose sucker	382	686			0		
ES0404	3	7235	Longnose sucker	139	28			0		
ES0404	3	7238	Mountain whitefish	274	224	Scale		0	Yellow	6462
ES0404	3	7211	Mountain whitefish	347	398	Scale		0	Yellow	6448
ES0404	3	7210	Mountain whitefish	367	510	Scale		0	Yellow	6447
ES0404	3	7208	Mountain whitefish	416	716	Scale		0	Yellow	6445
ES0404	3	7226	Mountain whitefish	192	70	Scale		0		
ES0404	3	7228	Mountain whitefish	278	234	Scale		0	Yellow	6458
ES0404	3	7209	Mountain whitefish	392	586	Scale		0	Yellow	6446
ES0404	3	7206	Mountain whitefish	332	372	Scale		0	Yellow	6443
ES0404	3	7230	Mountain whitefish	190	74	Scale		0		
ES0404	3	7202	Mountain whitefish	330				2	Yellow	4611
ES0404	3	7231	Mountain whitefish	161	42	Scale		0		
ES0404	3	7232	Mountain whitefish	221	106	Scale		0		
ES0404	3	7212	Mountain whitefish	270	228	Scale		0		
ES0404	3	7237	Mountain whitefish	234	124	Scale		0		
ES0404	3	7229	Mountain whitefish	330	354	Scale		0	Yellow	6459
ES0404	3	7239	Mountain whitefish	192	76	Scale		0		
ES0404	3	7240	Mountain whitefish	231	126	Scale		0		
ES0404	3	7241	Mountain whitefish	245	164	Scale		0		
ES0404	3	7242	Mountain whitefish	255	170	Scale		0	Yellow	6463
ES0404	3	7243	Mountain whitefish	199	76	Scale		0		
ES0404	3	7233	Mountain whitefish	222	108	Scale		0		
ES0404	3	7223	Mountain whitefish	326	372	Scale		0	Yellow	6455
ES0404	3	7244	Mountain whitefish	238	126	Scale		0		
ES0404	3	7225	Mountain whitefish	287	256	Scale		0	Yellow	6457
ES0404	3	7215	Mountain whitefish	386	568	Scale		0	Yellow	6450
ES0404	3	7216	Mountain whitefish	337	358	Scale		0	Yellow	6435
ES0404	3	7236	Mountain whitefish	305	288	Scale		0	Yellow	6461
ES0404	3	7220	Mountain whitefish	272	228	Scale		0	Yellow	6452
ES0404	3	7205	Mountain whitefish	397	486	Scale		0	Yellow	6441
ES0404	3	7219	Mountain whitefish	305	272	Scale		0	Yellow	6451
ES0404	3	7221	Mountain whitefish	274	244	Scale		0	Yellow	6453
ES0404	3	7222	Mountain whitefish	264	212	Scale		0	Yellow	6454
ES0404	3	7224	Mountain whitefish	273	210	Scale		0	Yellow	6456
ES0404	3	7204	Mountain whitefish	342				2	Yellow	3286
ES0404	3	7234	Mountain whitefish	269	206	Scale		0	Yellow	6460

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0404	3	7207	Mountain whitefish	331		Scale		0	Yellow	6444
ES0404	3	7203	Mountain whitefish	348				2	Yellow	4598
ES0404	4	9061	Kokanee	299	258			0		
ES0404	4	9047	Largescale sucker	498	1600			0		
ES0404	4	9050	Longnose sucker	392	804			0		
ES0404	4	9067	Longnose sucker	358	586			0		
ES0404	4	9058	Longnose sucker	360	626			0		
ES0404	4	9048	Longnose sucker	408	894			0		
ES0404	4	9056	Longnose sucker	374	638			0		
ES0404	4	9057	Longnose sucker	440	990			0		
ES0404	4	9049	Longnose sucker	400	766			0		
ES0404	4	9019	Longnose sucker	344	546			0		
ES0404	4	9059	Longnose sucker	392	812			0		
ES0404	4	9053	Longnose sucker	290	332			0		
ES0404	4	9052	Longnose sucker	411	766			0		
ES0404	4	9054	Longnose sucker	372	614			0		
ES0404	4	9051	Longnose sucker	295	316			0		
ES0404	4	9055	Longnose sucker	308	336			0		
ES0404	4	9064	Mountain whitefish	382	560	Scale		0		
ES0404	4	9043	Mountain whitefish	335	386	Scale		0	Yellow	7599
ES0404	4	9068	Mountain whitefish	290	215			2	Yellow	6457
ES0404	4	9065	Mountain whitefish	355	440			2	Yellow	4589
ES0404	4	9038	Mountain whitefish	323	348	Scale		0	Yellow	7595
ES0404	4	9040	Mountain whitefish	277	216	Scale		0	Yellow	7597
ES0404	4	9046	Mountain whitefish	388	262	Scale		0	Yellow	7600
ES0404	4	9033	Mountain whitefish	272	236			2	Yellow	6188
ES0404	4	9034	Mountain whitefish	241	150	Scale		0		
ES0404	4	9031	Mountain whitefish	415	800	Scale		0	Yellow	7591
ES0404	4	9066	Mountain whitefish	372	466	Scale		0	Yellow	7602
ES0404	4	9035	Mountain whitefish	345	422	Scale		0	Yellow	7593
ES0404	4	9032	Mountain whitefish	272	230	Scale		0	Yellow	7592
ES0404	4	9044	Mountain whitefish	338	392	Scale		0		
ES0404	4	9042	Mountain whitefish	344	356	Scale		0	Yellow	7598
ES0404	4	9041	Mountain whitefish	337	366			2	Yellow	4607
ES0404	4	9069	Mountain whitefish	358	438	Scale		0	Yellow	7603
ES0404	4	9039	Mountain whitefish	330	356	Scale		0	Yellow	7596
ES0404	4	9036	Mountain whitefish	366	490	Scale		0	Yellow	7594
ES0404	4	9037	Mountain whitefish	340	404			2	Yellow	3298
ES0404	4	9045	Mountain whitefish	335	354	Scale		0		
ES0404	4	9082	Mountain whitefish	312	292	Scale		0	Yellow	7614
ES0404	4	9083	Mountain whitefish	306	312			2	Yellow	4606
ES0404	4	9084	Mountain whitefish	244	146	Scale		0		
ES0404	4	9085	Mountain whitefish	355	424	Scale		0	Yellow	7615
ES0404	4	9086	Mountain whitefish	303	382	Scale		0	Yellow	7616
ES0404	4	9087	Mountain whitefish	231	126	Scale		0		
ES0404	4	9078	Mountain whitefish	278	224	Scale		0	Yellow	7610
ES0404	4	9070	Mountain whitefish	375	504	Scale		0	Yellow	7604
ES0404	4	9023	Mountain whitefish	350	428	Scale		0	Yellow	7585
ES0404	4	9025	Mountain whitefish	327	376	Scale		5	Yellow	7587
ES0404	4	9062	Mountain whitefish	420	756	Scale		0		
ES0404	4	9021	Mountain whitefish	377	538	Scale		0	Yellow	7583
ES0404	4	9022	Mountain whitefish	407	668	Scale		0	Yellow	7584
ES0404	4	9024	Mountain whitefish	390	580	Scale		0	Yellow	7586
ES0404	4	9020	Mountain whitefish	307	290	Scale		0	Yellow	7582
ES0404	4	9029	Mountain whitefish	243	160	Scale		0		
ES0404	4	9027	Mountain whitefish	360	472	Scale		0	Yellow	7589
ES0404	4	9026	Mountain whitefish	276	234	Scale		0	Yellow	7588
ES0404	4	9081	Mountain whitefish	341	418	Scale		0	Yellow	7613
ES0404	4	9063	Mountain whitefish	291	232	Scale		0	Yellow	7601
ES0404	4	9079	Mountain whitefish	310	306	Scale		0	Yellow	7611
ES0404	4	9076	Mountain whitefish	290	242	Scale		0	Yellow	7608
ES0404	4	9077	Mountain whitefish	334	344	Scale		0	Yellow	7609
ES0404	4	9075	Mountain whitefish	325	342	Scale		0	Yellow	7607
ES0404	4	9074	Mountain whitefish	239	152	Scale		0		
ES0404	4	9073	Mountain whitefish	305	268			2	Yellow	6451
ES0404	4	9072	Mountain whitefish	363	496	Scale		0	Yellow	7606
ES0404	4	9071	Mountain whitefish	286	290	Scale		0	Yellow	7605
ES0404	4	9088	Mountain whitefish	269	202	Scale		0	Yellow	7617
ES0404	4	9030	Mountain whitefish	315	314	Scale		0	Yellow	7590

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0404	4	9080	Mountain whitefish	330	348	Scale		0	Yellow	7612
ES0404	4	9028	Mountain whitefish	235	132	Scale		0		
ES0404	5	11130	Mountain whitefish	280				2	Yellow	6453
ES0404	5	11131	Mountain whitefish	313				2	Yellow	4609
ES0404	5	11133	Mountain whitefish	309				2	Yellow	4590
ES0404	5	11123	Mountain whitefish	364				2	Yellow	7606
ES0404	5	11126	Mountain whitefish	274				2	Yellow	6452
ES0404	5	11124	Mountain whitefish	275				2	Yellow	7592
ES0404	5	11132	Mountain whitefish	272				2	Yellow	4610
ES0404	5	11128	Mountain whitefish	295				2	Yellow	4614
ES0404	5	11127	Mountain whitefish	292				2	Yellow	6457
ES0404	5	11125	Mountain whitefish	347				2	Yellow	4613
ES0404	5	11129	Mountain whitefish	372				2	Yellow	4602
ES0404	6	13004	Arctic grayling	205	100	Scale	1	0		
ES0404	6	13003	Bull trout	415	700	Fin Ray	4	0	Yellow	7911
ES0404	6	13033	Mountain whitefish	395				2	Yellow	6446
ES0404	6	13031	Mountain whitefish	265				2	Yellow	6460
ES0404	6	13034	Mountain whitefish	410				2	Yellow	4599
ES0404	6	13036	Mountain whitefish	360				2	Yellow	4583
ES0404	6	13032	Mountain whitefish	365				2	Yellow	3242
ES0404	6	13035	Mountain whitefish	280				2	Yellow	7597
ES0404	6	13038	Mountain whitefish	405				2	Yellow	7584
ES0404	6	13037	Mountain whitefish	382				2	Yellow	3296
ES0405	1	2075	Largescale sucker	518	1646			0		
ES0405	1	2077	Longnose sucker	388	800			0		
ES0405	1	2076	Longnose sucker	410	976			0		
ES0405	1	2088	Mountain whitefish	345	376	Scale		0	Yellow	3320
ES0405	1	2087	Mountain whitefish	237	148	Scale		0		
ES0405	1	2086	Mountain whitefish	319	326	Scale		0	Yellow	3319
ES0405	1	2091	Mountain whitefish	374	538	Scale		0	Yellow	3323
ES0405	1	2083	Mountain whitefish	315	282	Scale		0	Yellow	3316
ES0405	1	2084	Mountain whitefish	344	390	Scale		0	Yellow	3317
ES0405	1	2085	Mountain whitefish	305	280	Scale		0	Yellow	3318
ES0405	1	2090	Mountain whitefish	296	296	Scale		0	Yellow	3322
ES0405	1	2092	Mountain whitefish	242	136	Scale	3	0		
ES0405	1	2093	Mountain whitefish	276	230	Scale		0	Yellow	3324
ES0405	1	2094	Mountain whitefish	276	212	Scale		0	Yellow	3325
ES0405	1	2095	Mountain whitefish	202	80	Scale		0		
ES0405	1	2096	Mountain whitefish	143	32	Scale		0		
ES0405	1	2089	Mountain whitefish	290	220	Scale		0	Yellow	3321
ES0405	1	2081	Mountain whitefish	225	118	Scale		0	Yellow	3315
ES0405	1	2078	Mountain whitefish	419	712	Scale		0	Yellow	3312
ES0405	1	2079	Mountain whitefish	442	980	Scale		0	Yellow	3313
ES0405	1	2082	Mountain whitefish	347	420	Scale		0		
ES0405	1	2080	Mountain whitefish	425	736	Scale		0	Yellow	3314
ES0405	2	4346	Longnose sucker	406	910			0		
ES0405	2	4344	Longnose sucker	400	774			0		
ES0405	2	4345	Longnose sucker	384	736			0		
ES0405	2	4349	Longnose sucker	382	766			0		
ES0405	2	4357	Mountain whitefish	264	168	Scale		0	Yellow	4730
ES0405	2	4356	Mountain whitefish	362	420	Scale		0	Yellow	4729
ES0405	2	4369	Mountain whitefish	347	147	Scale		0		
ES0405	2	4360	Mountain whitefish	371	538			2	Yellow	3323
ES0405	2	4361	Mountain whitefish	272	222	Scale		0	Yellow	4733
ES0405	2	4362	Mountain whitefish	293	234	Scale		0	Yellow	4734
ES0405	2	4363	Mountain whitefish	282	214	Scale	3	0	Yellow	4735
ES0405	2	4364	Mountain whitefish	295	284	Scale		0	Yellow	4736
ES0405	2	4365	Mountain whitefish	372	630	Scale		0	Yellow	4737
ES0405	2	4366	Mountain whitefish	306	520	Scale		0	Yellow	4738
ES0405	2	4347	Mountain whitefish	395	576	Scale		0	Yellow	4722
ES0405	2	4368	Mountain whitefish	304	356	Scale		0	Yellow	4740
ES0405	2	4348	Mountain whitefish	387	548	Scale		0	Yellow	4723
ES0405	2	4354	Mountain whitefish	410	628	Scale		0	Yellow	4727
ES0405	2	4359	Mountain whitefish	366	490	Scale		0	Yellow	4732
ES0405	2	4350	Mountain whitefish	398	602	Scale		0	Yellow	4724
ES0405	2	4358	Mountain whitefish	377	526	Scale		0	Yellow	4731
ES0405	2	4355	Mountain whitefish	418	658	Scale		0	Yellow	4728
ES0405	2	4353	Mountain whitefish	428	676	Scale		0	Yellow	4726
ES0405	2	4370	Mountain whitefish	382	562	Scale		0	Yellow	4741



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0405	2	4351	Mountain whitefish	405	630			0	Yellow	4725
ES0405	2	4367	Mountain whitefish	285	244	Scale		0	Yellow	4739
ES0405	2	4372	Mountain whitefish	294	260	Scale		0	Yellow	4743
ES0405	2	4371	Mountain whitefish	286	218	Scale		0	Yellow	4742
ES0405	2	4352	Mountain whitefish	455	932	Scale	8	0	Yellow	4706
ES0405	3	7040	Largescale sucker	384				0		
ES0405	3	7038	Longnose sucker	420	920			0		
ES0405	3	7037	Longnose sucker	432	1204			0		
ES0405	3	7053	Mountain whitefish	307	306	Scale		0	Yellow	6386
ES0405	3	7045	Mountain whitefish	301	384	Scale		0	Yellow	6378
ES0405	3	7050	Mountain whitefish	306	302	Scale		0	Yellow	6383
ES0405	3	7049	Mountain whitefish	265	194	Scale		0	Yellow	6382
ES0405	3	7048	Mountain whitefish	312	318	Scale		0	Yellow	6381
ES0405	3	7046	Mountain whitefish	307	260	Scale		0	Yellow	6379
ES0405	3	7044	Mountain whitefish	395	650	Scale		0	Yellow	6377
ES0405	3	7042	Mountain whitefish	370	460	Scale		0	Yellow	6371
ES0405	3	7043	Mountain whitefish	334	422	Scale	6	0	Yellow	6376
ES0405	3	7039	Mountain whitefish	366				2	Yellow	2970
ES0405	3	7047	Mountain whitefish	361	508	Scale		0	Yellow	6380
ES0405	3	7051	Mountain whitefish	344	428	Scale		0	Yellow	6384
ES0405	3	7052	Mountain whitefish	294	262	Scale		0	Yellow	6385
ES0405	3	7059	Mountain whitefish	268	200	Scale	3	0	Yellow	6388
ES0405	3	7058	Mountain whitefish	236	138	Scale		0		
ES0405	3	7057	Mountain whitefish	273	216	Scale		0	Yellow	6387
ES0405	3	7056	Mountain whitefish	198	86	Scale		0		
ES0405	3	7055	Mountain whitefish	248	148	Scale		0		
ES0405	3	7054	Mountain whitefish	149	34	Scale		0		
ES0405	3	7041	Northern pikeminnow	372	632			0		
ES0405	3	7036	Rainbow trout	440	938			0		
ES0405	4	9123	Largescale sucker	400	906			0		
ES0405	4	9125	Largescale sucker	408	1028			0		
ES0405	4	9124	Longnose sucker	404	802			0		
ES0405	4	9126	Longnose sucker	409	852			0		
ES0405	4	9122	Longnose sucker	358	620			0		
ES0405	4	9128	Mountain whitefish	282	242			2	Yellow	4739
ES0405	4	9144	Mountain whitefish	152	36	Scale	1	0		
ES0405	4	9127	Mountain whitefish	390	568	Scale	7	0	Yellow	7634
ES0405	4	9141	Mountain whitefish	297	268	Scale		0	Yellow	7644
ES0405	4	9131	Mountain whitefish	430	784	Scale		0	Yellow	7636
ES0405	4	9132	Mountain whitefish	361	452	Scale		0	Yellow	7637
ES0405	4	9133	Mountain whitefish	343	344	Scale		0	Yellow	7638
ES0405	4	9134	Mountain whitefish	274	204	Scale		0	Yellow	7639
ES0405	4	9135	Mountain whitefish	357	468	Scale		0	Yellow	7640
ES0405	4	9136	Mountain whitefish	391	522	Scale		0	Yellow	7641
ES0405	4	9137	Mountain whitefish	350	476	Scale		0	Yellow	7642
ES0405	4	9138	Mountain whitefish	429	724	Scale		0	Yellow	7643
ES0405	4	9140	Mountain whitefish	161	42	Scale		0		
ES0405	4	9143	Mountain whitefish	155	38	Scale		0		
ES0405	4	9139	Mountain whitefish	232	130	Scale		0		
ES0405	4	9130	Mountain whitefish	304	294			2	Yellow	6386
ES0405	4	9142	Mountain whitefish	275	208	Scale		0	Yellow	7645
ES0405	4	9129	Mountain whitefish	317	316	Scale		0	Yellow	7635
ES0405	5	11143	Mountain whitefish	364				2	Yellow	7637
ES0405	5	11146	Mountain whitefish	308				2	Yellow	6383
ES0405	5	11144	Mountain whitefish	304				2	Yellow	3322
ES0405	5	11145	Mountain whitefish	273				2	Yellow	6382
ES0406	1	2098	Arctic grayling	372	662	Scale	3	0	Yellow	3327
ES0406	1	2097	Arctic grayling	396	790	Scale	4	0	Yellow	3326
ES0406	1	2099	Arctic grayling	394	638	Scale	4	0	Yellow	3328
ES0406	1	2100	Bull trout	579	1894	Fin Ray	6	0	Yellow	3329
ES0406	1	2138	Mountain whitefish	328	320	Scale		0	Yellow	3354
ES0406	1	2116	Mountain whitefish	369	558	Scale		0	Yellow	3340
ES0406	1	2103	Mountain whitefish	240	160	Scale		0		
ES0406	1	2139	Mountain whitefish	335	330	Scale		0	Yellow	3355
ES0406	1	2106	Mountain whitefish	332	434	Scale		0	Yellow	3333
ES0406	1	2140	Mountain whitefish	272	190	Scale		0	Yellow	3356
ES0406	1	2108	Mountain whitefish	345	438	Scale		0	Yellow	3334
ES0406	1	2146	Mountain whitefish	310	358	Scale		0	Yellow	3361
ES0406	1	2105	Mountain whitefish	351	416	Scale		0	Yellow	3332

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0406	1	2141	Mountain whitefish	338	360	Scale		0	Yellow	3357
ES0406	1	2104	Mountain whitefish	322	356	Scale		0	Yellow	3331
ES0406	1	2115	Mountain whitefish	338	390	Scale		0	Yellow	3339
ES0406	1	2102	Mountain whitefish	270	210	Scale	3	0	Yellow	3330
ES0406	1	2101	Mountain whitefish	345	440	Scale		0		
ES0406	1	2107	Mountain whitefish	142	30	Scale		0		
ES0406	1	2114	Mountain whitefish	287	248	Scale		0	Yellow	3338
ES0406	1	2112	Mountain whitefish	280	244	Scale		0	Yellow	3336
ES0406	1	2111	Mountain whitefish	304	284	Scale		0	Yellow	3335
ES0406	1	2110	Mountain whitefish	338	448	Scale		0		
ES0406	1	2109	Mountain whitefish	140	26	Scale		0		
ES0406	1	2118	Mountain whitefish	143	30	Scale		0		
ES0406	1	2134	Mountain whitefish	204	86	Scale		0		
ES0406	1	2113	Mountain whitefish	255	168	Scale		0	Yellow	3337
ES0406	1	2142	Mountain whitefish	277	222	Scale		0	Yellow	3358
ES0406	1	2130	Mountain whitefish	365	492	Scale	7	0	Yellow	3348
ES0406	1	2124	Mountain whitefish	280	226	Scale		0	Yellow	3344
ES0406	1	2133	Mountain whitefish	270	216	Scale		0	Yellow	3351
ES0406	1	2132	Mountain whitefish	367	492	Scale		0	Yellow	3350
ES0406	1	2131	Mountain whitefish	269	196	Scale		0	Yellow	3349
ES0406	1	2129	Mountain whitefish	241	154	Scale		0		
ES0406	1	2127	Mountain whitefish	272	224	Scale		0	Yellow	3346
ES0406	1	2117	Mountain whitefish	270	208	Scale		0	Yellow	3341
ES0406	1	2125	Mountain whitefish	355	478	Scale		0	Yellow	3345
ES0406	1	2137	Mountain whitefish	388	654	Scale		0	Yellow	3353
ES0406	1	2123	Mountain whitefish	151	84	Scale		0		
ES0406	1	2122	Mountain whitefish	276	236	Scale		0	Yellow	3343
ES0406	1	2145	Mountain whitefish	245	152	Scale		0		
ES0406	1	2120	Mountain whitefish	351	388	Scale		0	Yellow	3342
ES0406	1	2143	Mountain whitefish	324	308	Scale		0	Yellow	3359
ES0406	1	2119	Mountain whitefish	231		Scale		0		
ES0406	1	2128	Mountain whitefish	418	616	Scale		0	Yellow	3347
ES0406	1	2126	Mountain whitefish	227	118	Scale		0		
ES0406	1	2144	Mountain whitefish	365	488	Scale		0	Yellow	3360
ES0406	1	2135	Mountain whitefish	261	190	Scale		0	Yellow	3352
ES0406	1	2136	Mountain whitefish	220	96	Scale		0		
ES0406	1	2121	Mountain whitefish	238	134	Scale	3	0		
ES0406	2	4375	Arctic grayling	360	606	Scale	4	0	Yellow	4744
ES0406	2	4373	Largescale sucker	487	1854			0		
ES0406	2	4377	Largescale sucker	464	1128			0		
ES0406	2	4374	Longnose sucker	435	892			0		
ES0406	2	4376	Longnose sucker	378	340			0		
ES0406	2	4414	Longnose sucker	394	788			0		
ES0406	2	4386	Mountain whitefish	359	546	Scale		0	Yellow	4751
ES0406	2	4396	Mountain whitefish	357	510	Scale		0	Yellow	4760
ES0406	2	4405	Mountain whitefish	357	542	Scale		0	Yellow	4768
ES0406	2	4384	Mountain whitefish	368	520	Scale		0	Yellow	4750
ES0406	2	4389	Mountain whitefish	300	276	Scale		0	Yellow	4753
ES0406	2	4381	Mountain whitefish	294	284	Scale		0	Yellow	4748
ES0406	2	4382	Mountain whitefish	344	418			2	Yellow	3332
ES0406	2	4383	Mountain whitefish	347	502	Scale		0	Yellow	4749
ES0406	2	4385	Mountain whitefish	365	492			2	Yellow	3360
ES0406	2	4378	Mountain whitefish	447	890	Scale		0	Yellow	4745
ES0406	2	4388	Mountain whitefish	357	472			2	Yellow	3345
ES0406	2	4413	Mountain whitefish	152	40	Scale		1		
ES0406	2	4390	Mountain whitefish	314	284	Scale		0	Yellow	4754
ES0406	2	4391	Mountain whitefish	350	480	Scale		0	Yellow	4755
ES0406	2	4392	Mountain whitefish	330	376	Scale		0	Yellow	4756
ES0406	2	4393	Mountain whitefish	344	396	Scale		0	Yellow	4757
ES0406	2	4394	Mountain whitefish	390	532	Scale		0	Yellow	4758
ES0406	2	4379	Mountain whitefish	464	1188	Scale		0	Yellow	4746
ES0406	2	4387	Mountain whitefish	373	530	Scale		0	Yellow	4752
ES0406	2	4397	Mountain whitefish	357	554	Scale		0	Yellow	4761
ES0406	2	4398	Mountain whitefish	265	216	Scale		0	Yellow	4762
ES0406	2	4403	Mountain whitefish	356	442	Scale		0	Yellow	4766
ES0406	2	4404	Mountain whitefish	328	424	Scale		0	Yellow	4767
ES0406	2	4406	Mountain whitefish	309	300	Scale		0	Yellow	4769
ES0406	2	4401	Mountain whitefish	275	200	Scale		0	Yellow	4765
ES0406	2	4400	Mountain whitefish	385	492	Scale		0	Yellow	4764

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 4											
ES0406	2	4399	Mountain whitefish	346	438	Scale		0	Yellow	4763	
ES0406	2	4408	Mountain whitefish	400	618	Scale		0	Yellow	4771	
ES0406	2	4402	Mountain whitefish	240	140	Scale		0			
ES0406	2	4409	Mountain whitefish	337	346	Scale		0	Yellow	4772	
ES0406	2	4395	Mountain whitefish	353	439	Scale		0	Yellow	4759	
ES0406	2	4410	Mountain whitefish	225	114	Scale		0			
ES0406	2	4411	Mountain whitefish	210	78	Scale		0			
ES0406	2	4412	Mountain whitefish	290	248	Scale		0	Yellow	4773	
ES0406	2	4407	Mountain whitefish	355	410	Scale		0	Yellow	4770	
ES0406	2	4380	Mountain whitefish	397	606	Scale		0	Yellow	4747	
ES0406	3	7005	Arctic grayling	329	498	Scale		3	0	Yellow	6360
ES0406	3	6995	Arctic grayling	397				2	2	Yellow	3328
ES0406	3	7009	Bull trout	476	952	Fin Ray		6	0	Yellow	6362
ES0406	3	6996	Bull trout	574				2	2	Yellow	3329
ES0406	3	7017	Kokanee	153	42			0			
ES0406	3	6997	Largescale sucker	386	680			0			
ES0406	3	6994	Longnose sucker	367	612			0			
ES0406	3	7022	Mountain whitefish	294	280	Scale		0	Yellow	6370	
ES0406	3	7004	Mountain whitefish	231	146	Scale		0			
ES0406	3	7001	Mountain whitefish	311	298	Scale		0	Yellow	6357	
ES0406	3	6998	Mountain whitefish	464	1082	Scale		0	Yellow	6354	
ES0406	3	7008	Mountain whitefish	335				2	2	Yellow	3339
ES0406	3	7000	Mountain whitefish	352	452	Scale		0	Yellow	6356	
ES0406	3	7006	Mountain whitefish	356	456	Scale		0	Yellow	6361	
ES0406	3	7010	Mountain whitefish	368	502	Scale		0	Yellow	6363	
ES0406	3	7035	Mountain whitefish	222	108	Scale		2	0		
ES0406	3	7007	Mountain whitefish	295				2	2	Yellow	3338
ES0406	3	7034	Mountain whitefish	231	136	Scale		0			
ES0406	3	7011	Mountain whitefish	274	248	Scale		0	Yellow	6364	
ES0406	3	7012	Mountain whitefish	158	46	Scale		0			
ES0406	3	6999	Mountain whitefish	394	530	Scale		0	Yellow	6355	
ES0406	3	7025	Mountain whitefish	342	420	Scale		0	Yellow	6373	
ES0406	3	7030	Mountain whitefish	280	250	Scale		0	Yellow	6359	
ES0406	3	7003	Mountain whitefish	347				2	2	Yellow	4760
ES0406	3	7013	Mountain whitefish	312	288	Scale		0	Yellow	6365	
ES0406	3	7028	Mountain whitefish	152	40	Scale		0			
ES0406	3	7026	Mountain whitefish	288	284	Scale		3	0	Yellow	6374
ES0406	3	7032	Mountain whitefish	205	94	Scale		0			
ES0406	3	7023	Mountain whitefish	281	252	Scale		0	Yellow	6372	
ES0406	3	7033	Mountain whitefish	201	86	Scale		0			
ES0406	3	7021	Mountain whitefish	242	144	Scale		0			
ES0406	3	7020	Mountain whitefish	310	298	Scale		0	Yellow	6369	
ES0406	3	7029	Mountain whitefish	151	36	Scale		0			
ES0406	3	7019	Mountain whitefish	244	170	Scale		0			
ES0406	3	7018	Mountain whitefish	312	322	Scale		0	Yellow	6368	
ES0406	3	7016	Mountain whitefish	281	260	Scale		0	Yellow	6367	
ES0406	3	7015	Mountain whitefish	332	356	Scale		0	Yellow	6366	
ES0406	3	7024	Mountain whitefish	240	156	Scale		0			
ES0406	3	7002	Mountain whitefish	280	258	Scale		0	Yellow	6358	
ES0406	3	7027	Mountain whitefish	258	198	Scale		0	Yellow	6375	
ES0406	3	7031	Mountain whitefish	166	48	Scale		0			
ES0406	3	6993	Northern pikeminnow	409	892			0			
ES0406	3	7014	Rainbow trout	276	246			0			
ES0406	4	9147	Arctic grayling	375	722	Scale		4	0	Yellow	7646
ES0406	4	9149	Arctic grayling	396	800			2	2	Yellow	3326
ES0406	4	9145	Largescale sucker	520	1916			0			
ES0406	4	9146	Largescale sucker	480	1352			0			
ES0406	4	9189	Longnose sucker	260	224			0			
ES0406	4	9157	Longnose sucker	367	684			0			
ES0406	4	9166	Mountain whitefish	322	330	Scale		0	Yellow	7654	
ES0406	4	9165	Mountain whitefish	304	298	Scale		0	Yellow	7653	
ES0406	4	9168	Mountain whitefish	324	360	Scale		0	Yellow	7655	
ES0406	4	9163	Mountain whitefish	283	260	Scale		0	Yellow	7652	
ES0406	4	9167	Mountain whitefish	247	166	Scale		0			
ES0406	4	9161	Mountain whitefish	289	272			2	2	Yellow	4748
ES0406	4	9154	Mountain whitefish	363	494			2	2	Yellow	3348
ES0406	4	9160	Mountain whitefish	358	474			2	2	Yellow	3345
ES0406	4	9158	Mountain whitefish	386	720	Scale		0	Yellow	7650	
ES0406	4	9171	Mountain whitefish	370	226	Scale		0	Yellow	7658	



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0406	4	9156	Mountain whitefish	353	496			2	Yellow	4766
ES0406	4	9204	Mountain whitefish	312	400	Scale		1		
ES0406	4	9164	Mountain whitefish	238	134	Scale		0		
ES0406	4	9198	Mountain whitefish	235	144	Scale		0		
ES0406	4	9202	Mountain whitefish	197	84	Scale		0		
ES0406	4	9153	Mountain whitefish	390	522			2	Yellow	4758
ES0406	4	9197	Mountain whitefish	235	132	Scale		0		
ES0406	4	9192	Mountain whitefish	280	274	Scale		0	Yellow	7676
ES0406	4	9191	Mountain whitefish	263	192	Scale	3	0	Yellow	7675
ES0406	4	9200	Mountain whitefish	245	150	Scale		0		
ES0406	4	9201	Mountain whitefish	237	150	Scale		0		
ES0406	4	9190	Mountain whitefish	286	260	Scale		0	Yellow	7674
ES0406	4	9196	Mountain whitefish	236	128	Scale		0		
ES0406	4	9193	Mountain whitefish	310	274	Scale		0	Yellow	7677
ES0406	4	9195	Mountain whitefish	263	210	Scale		0	Yellow	7679
ES0406	4	9194	Mountain whitefish	280	218	Scale	4	0	Yellow	7678
ES0406	4	9199	Mountain whitefish	231	134	Scale	3	0		
ES0406	4	9162	Mountain whitefish	373	604	Scale	6	0	Yellow	7651
ES0406	4	9203	Mountain whitefish	280	218	Scale		0	Yellow	7680
ES0406	4	9173	Mountain whitefish	344	420	Scale		0	Yellow	7659
ES0406	4	9172	Mountain whitefish	347	454			2	Yellow	6361
ES0406	4	9150	Mountain whitefish	440	740	Scale		0	Yellow	7647
ES0406	4	9155	Mountain whitefish	338	442	Scale		0	Yellow	7649
ES0406	4	9175	Mountain whitefish	335	402	Scale		0	Yellow	7661
ES0406	4	9176	Mountain whitefish	306	294	Scale		0	Yellow	7662
ES0406	4	9181	Mountain whitefish	340	414	Scale		5	Yellow	7666
ES0406	4	9174	Mountain whitefish	351	498	Scale		0	Yellow	7660
ES0406	4	9177	Mountain whitefish	345	480	Scale	6	0	Yellow	7663
ES0406	4	9178	Mountain whitefish	324	346	Scale		0		
ES0406	4	9170	Mountain whitefish	321	330	Scale		0	Yellow	7657
ES0406	4	9180	Mountain whitefish	365	506	Scale	7	0	Yellow	7665
ES0406	4	9169	Mountain whitefish	311	306	Scale		0	Yellow	7656
ES0406	4	9152	Mountain whitefish	286	232	Scale		0		
ES0406	4	9182	Mountain whitefish	373	484	Scale		0	Yellow	7667
ES0406	4	9159	Mountain whitefish	335	462	Scale		0		
ES0406	4	9188	Mountain whitefish	306	276	Scale		0	Yellow	7673
ES0406	4	9179	Mountain whitefish	322	356	Scale		0	Yellow	7664
ES0406	4	9186	Mountain whitefish	348	408	Scale		0	Yellow	7671
ES0406	4	9151	Mountain whitefish	351	506	Scale		0	Yellow	7648
ES0406	4	9185	Mountain whitefish	325	354	Scale		0	Yellow	7670
ES0406	4	9184	Mountain whitefish	301	260	Scale		0	Yellow	7669
ES0406	4	9183	Mountain whitefish	270	242	Scale		0	Yellow	7668
ES0406	4	9187	Mountain whitefish	311	350	Scale		0	Yellow	7672
ES0406	4	9148	Mountain whitefish	445	900			2	Yellow	4745
ES0406	5	11178	Mountain whitefish	353				2	Yellow	4759
ES0406	5	11176	Mountain whitefish	279				2	Yellow	7678
ES0406	5	11179	Mountain whitefish	399				2	Yellow	6355
ES0406	5	11177	Mountain whitefish	311				2	Yellow	6369
ES0406	6	13131	Mountain whitefish	337				2	Yellow	3339
ES0406	6	13132	Mountain whitefish	315				2	Yellow	6365
ES0406	6	13129	Mountain whitefish	417				2	Yellow	4728
ES0406	6	13128	Mountain whitefish	335				2	Yellow	7649
ES0406	6	13133	Mountain whitefish	340				2	Yellow	4757
ES0406	6	13130	Mountain whitefish	270				2	Yellow	3352
ES0406	6	13135	Mountain whitefish	277				2	Yellow	7676
ES0406	6	13134	Mountain whitefish	285				2	Yellow	7652
ES0407	1	2150	Arctic grayling	165	60	Scale	1	0		
ES0407	1	2149	Bull trout	460	922	Fin Ray	6	0	Yellow	3363
ES0407	1	2152	Mountain whitefish	291	284	Scale		0	Yellow	3364
ES0407	1	2147	Mountain whitefish	284	244	Scale		0	Yellow	3362
ES0407	1	2151	Mountain whitefish	205	104	Scale		0		
ES0407	1	2148	Rainbow trout	445	1026			0		
ES0407	2	4417	Longnose sucker	380	720			0		
ES0407	2	4418	Longnose sucker	415	858			0		
ES0407	2	4416	Longnose sucker	411	830			0		
ES0407	2	4419	Mountain whitefish	345	374	Scale		0	Yellow	4774
ES0407	2	4420	Mountain whitefish	384	530	Scale		0	Yellow	4775
ES0407	2	4427	Mountain whitefish	280	208	Scale		0	Yellow	4780
ES0407	2	4426	Mountain whitefish	205	90	Scale		0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0407	2	4425	Mountain whitefish	157	38	Scale		0		
ES0407	2	4421	Mountain whitefish	364	460	Scale		0	Yellow	4776
ES0407	2	4422	Mountain whitefish	329	350	Scale		0	Yellow	4777
ES0407	2	4424	Mountain whitefish	290	252	Scale		0	Yellow	4779
ES0407	2	4423	Mountain whitefish	324	388	Scale		0	Yellow	4778
ES0407	2	4415	Rainbow trout	407	808			0		
ES0407	3	6931	Arctic grayling	196	100	Scale	1	0		
ES0407	3	6929	Mountain whitefish	328	342	Scale		0	Yellow	6325
ES0407	3	6938	Mountain whitefish	292		Scale		0	Yellow	6332
ES0407	3	6936	Mountain whitefish	287	244	Scale		0	Yellow	6331
ES0407	3	6930	Mountain whitefish	380	620	Scale		0	Yellow	6326
ES0407	3	6933	Mountain whitefish	310	288	Scale		0	Yellow	6328
ES0407	3	6937	Mountain whitefish	198	72	Scale		0		
ES0407	3	6939	Mountain whitefish	252	166	Scale	3	0	Yellow	6333
ES0407	3	6934	Mountain whitefish	322	322	Scale		0	Yellow	6329
ES0407	3	6932	Mountain whitefish	338	400	Scale		0	Yellow	6327
ES0407	3	6935	Mountain whitefish	250	168	Scale		0	Yellow	6330
ES0407	3	6928	Mountain whitefish	410	664	Scale		0	Yellow	6324
ES0407	3	6926	Rainbow trout	422	978			0		
ES0407	3	6927	Rainbow trout	395				0		
ES0407	4	9224	Arctic grayling	184	88	Scale	1	0		
ES0407	4	9206	Largescale sucker	516	1910			0		
ES0407	4	9219	Mountain whitefish	285	232	Scale		0	Yellow	7691
ES0407	4	9217	Mountain whitefish	337	396	Scale		0	Yellow	7690
ES0407	4	9216	Mountain whitefish	407	638	Scale		0	Yellow	7689
ES0407	4	9221	Mountain whitefish	257	202	Scale		0	Yellow	7693
ES0407	4	9209	Mountain whitefish	307	320	Scale		0	Yellow	7684
ES0407	4	9210	Mountain whitefish	347	378	Scale		0	Yellow	7685
ES0407	4	9211	Mountain whitefish	387	596	Scale		0	Yellow	7686
ES0407	4	9212	Mountain whitefish	375	492	Scale		0	Yellow	7687
ES0407	4	9213	Mountain whitefish	275	260	Scale		0	Yellow	7688
ES0407	4	9222	Mountain whitefish	290	262	Scale		0	Yellow	7694
ES0407	4	9215	Mountain whitefish	168	83	Scale		0		
ES0407	4	9220	Mountain whitefish	253	164	Scale		0	Yellow	7692
ES0407	4	9208	Mountain whitefish	360	390	Scale	6	0	Yellow	7683
ES0407	4	9218	Mountain whitefish	345	386			2	Yellow	4774
ES0407	4	9223	Mountain whitefish	264	190	Scale		0	Yellow	7695
ES0407	4	9205	Mountain whitefish	300	290	Scale		0	Yellow	7681
ES0407	4	9207	Mountain whitefish	276	216	Scale		0	Yellow	7682
ES0407	4	9214	Mountain whitefish	267	192			2	Yellow	2693
ES0407	6	13140	Mountain whitefish	289				2	Yellow	4779
ES0408	1	2160	Longnose sucker	206	94			0		
ES0408	1	2165	Mountain whitefish	138	30	Scale		0		
ES0408	1	2166	Mountain whitefish	265	202	Scale		0	Yellow	3376
ES0408	1	2159	Mountain whitefish	380	592	Scale		0	Yellow	3371
ES0408	1	2164	Mountain whitefish	268	216	Scale		0	Yellow	3375
ES0408	1	2158	Mountain whitefish	339	372	Scale		0	Yellow	3370
ES0408	1	2163	Mountain whitefish	276	234	Scale		0	Yellow	3374
ES0408	1	2167	Mountain whitefish	250		Scale		0	Yellow	3377
ES0408	1	2154	Mountain whitefish	306	278	Scale		0	Yellow	3366
ES0408	1	2155	Mountain whitefish	398	632	Scale		0	Yellow	3367
ES0408	1	2156	Mountain whitefish	408	678	Scale		0	Yellow	3368
ES0408	1	2153	Mountain whitefish	342	378	Scale		0	Yellow	3365
ES0408	1	2168	Mountain whitefish	253	172	Scale		0	Yellow	3378
ES0408	1	2169	Mountain whitefish	250	138	Scale		0	Yellow	3379
ES0408	1	2170	Mountain whitefish	224	120	Scale		0		
ES0408	1	2162	Mountain whitefish	320	332	Scale		0	Yellow	3373
ES0408	1	2161	Mountain whitefish	270	192	Scale		0	Yellow	3372
ES0408	1	2157	Mountain whitefish	297	258	Scale		0	Yellow	3369
ES0408	2	4428	Largescale sucker	443	1088			0		
ES0408	2	4429	Largescale sucker	465	1578			0		
ES0408	2	4431	Longnose sucker	382	662			0		
ES0408	2	4432	Mountain whitefish	335	336	Scale		0	Yellow	4781
ES0408	2	4433	Mountain whitefish	390	684	Scale		0	Yellow	4782
ES0408	2	4434	Mountain whitefish	372	512	Scale		0	Yellow	4783
ES0408	2	4444	Mountain whitefish	313	334	Scale		0	Yellow	4792
ES0408	2	4443	Mountain whitefish	220	118	Scale		0		
ES0408	2	4437	Mountain whitefish	399	590	Scale		0	Yellow	4786
ES0408	2	4442	Mountain whitefish	370	484	Scale		0	Yellow	4791

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0408	2	4441	Mountain whitefish	297	328	Scale		0	Yellow	4790
ES0408	2	4436	Mountain whitefish	269	210	Scale		0	Yellow	4785
ES0408	2	4438	Mountain whitefish	361	450	Scale		0	Yellow	4787
ES0408	2	4439	Mountain whitefish	325	356	Scale		0	Yellow	4788
ES0408	2	4440	Mountain whitefish	333	384	Scale		0	Yellow	4789
ES0408	2	4435	Mountain whitefish	342	460	Scale		0	Yellow	4784
ES0408	2	4430	Northern pikeminnow	352	518			0		
ES0408	3	6923	Kokanee	138	28			0		
ES0408	3	6904	Longnose sucker	416	803			0		
ES0408	3	6908	Mountain whitefish	345	452	Scale		0	Yellow	6313
ES0408	3	6905	Mountain whitefish	335	358	Scale		0	Yellow	6311
ES0408	3	6915	Mountain whitefish	199	92	Scale		0		
ES0408	3	6916	Mountain whitefish	350	424	Scale		0	Yellow	6320
ES0408	3	6914	Mountain whitefish	341	386	Scale		0	Yellow	6319
ES0408	3	6912	Mountain whitefish	361	450	Scale		0	Yellow	6317
ES0408	3	6911	Mountain whitefish	315	364	Scale		0	Yellow	6316
ES0408	3	6903	Mountain whitefish	353		Scale		0	Yellow	6310
ES0408	3	6909	Mountain whitefish	350	398	Scale		0	Yellow	6314
ES0408	3	6917	Mountain whitefish	327	400	Scale		0	Yellow	6321
ES0408	3	6906	Mountain whitefish	372				2	Yellow	4791
ES0408	3	6925	Mountain whitefish	225	110	Scale		0		
ES0408	3	6913	Mountain whitefish	315	314	Scale		0	Yellow	6318
ES0408	3	6920	Mountain whitefish	350	456	Scale		0	Yellow	6323
ES0408	3	6921	Mountain whitefish	213	96	Scale		0		
ES0408	3	6922	Mountain whitefish	246				2	Yellow	3377
ES0408	3	6907	Mountain whitefish	333	388	Scale		0	Yellow	6312
ES0408	3	6924	Mountain whitefish	256				2	Yellow	3378
ES0408	3	6918	Mountain whitefish	338		Scale		0	Yellow	6322
ES0408	3	6910	Mountain whitefish	369	594	Scale		0	Yellow	6315
ES0408	3	6919	Rainbow trout	341	514			0		
ES0408	4	9244	Arctic grayling	195	94	Scale	1	0		
ES0408	4	9230	Arctic grayling	175	70	Scale	1	0		
ES0408	4	9229	Arctic grayling	186	84	Scale	1	0		
ES0408	4	9234	Bull trout	424	860	Fin Ray	5	0	Yellow	7697
ES0408	4	9226	Largescale sucker	419	978			0		
ES0408	4	9227	Longnose sucker	440	902			0		
ES0408	4	9225	Longnose sucker	425	940			0		
ES0408	4	9248	Longnose sucker	225	142			0		
ES0408	4	9256	Mountain whitefish	243	152	Scale		0		
ES0408	4	9250	Mountain whitefish	300	296	Scale		0	Yellow	7709
ES0408	4	9251	Mountain whitefish	305	258	Scale		0	Yellow	7710
ES0408	4	9252	Mountain whitefish	294	252	Scale		0	Yellow	7711
ES0408	4	9253	Mountain whitefish	278	220	Scale		0	Yellow	7712
ES0408	4	9255	Mountain whitefish	267	180	Scale		0	Yellow	7714
ES0408	4	9257	Mountain whitefish	273	198	Scale		0	Yellow	7715
ES0408	4	9259	Mountain whitefish	238	142	Scale		0		
ES0408	4	9247	Mountain whitefish	223	114	Scale		0		
ES0408	4	9258	Mountain whitefish	215	96	Scale		0		
ES0408	4	9240	Mountain whitefish	325	340	Scale		0	Yellow	7703
ES0408	4	9231	Mountain whitefish	250	164			2	Yellow	3377
ES0408	4	9232	Mountain whitefish	311	320	Scale		0	Yellow	7696
ES0408	4	9249	Mountain whitefish	185	64	Scale		0		
ES0408	4	9245	Mountain whitefish	346	432	Scale		0	Yellow	7707
ES0408	4	9243	Mountain whitefish	346	410	Scale		0	Yellow	7706
ES0408	4	9242	Mountain whitefish	259	182	Scale		0	Yellow	7705
ES0408	4	9254	Mountain whitefish	273	246	Scale		0	Yellow	7713
ES0408	4	9246	Mountain whitefish	321	326	Scale		0	Yellow	7708
ES0408	4	9239	Mountain whitefish	360	484	Scale		0	Yellow	7702
ES0408	4	9241	Mountain whitefish	355	414	Scale	7	0	Yellow	7704
ES0408	4	9237	Mountain whitefish	145	30	Scale		0		
ES0408	4	9236	Mountain whitefish	336	380	Scale		0	Yellow	7700
ES0408	4	9235	Mountain whitefish	378	498	Scale		0	Yellow	7699
ES0408	4	9233	Mountain whitefish	379	532	Scale		0	Yellow	7698
ES0408	4	9238	Mountain whitefish	299	258	Scale		0	Yellow	7701
ES0408	4	9228	Walleye	395	728			0		
ES0408	6	13154	Bull trout	303				2	Yellow	6279
ES0408	6	13156	Mountain whitefish	274				2	Yellow	3372
ES0408	6	13155	Mountain whitefish	259				2	Yellow	7705
ES0408	6	13153	Mountain whitefish	316				2	Yellow	7703

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0409	1	2225	Arctic grayling	240	198	Scale	2	0		
ES0409	1	2172	Arctic grayling	390	702	Scale	5	0	Yellow	3381
ES0409	1	2208	Longnose sucker	380	596			0		
ES0409	1	2230	Mountain whitefish	266	158	Scale	3	0	Yellow	3428
ES0409	1	2231	Mountain whitefish	230	128	Scale		0		
ES0409	1	2227	Mountain whitefish	167	48	Scale		0		
ES0409	1	2211	Mountain whitefish	370	456	Scale		0	Yellow	3413
ES0409	1	2223	Mountain whitefish	263	184	Scale		0	Yellow	3425
ES0409	1	2229	Mountain whitefish	137	26	Scale		0		
ES0409	1	2201	Mountain whitefish	310	316	Scale		0	Yellow	3406
ES0409	1	2192	Mountain whitefish	350	480	Scale		0	Yellow	3398
ES0409	1	2191	Mountain whitefish	288	246	Scale		0	Yellow	3397
ES0409	1	2210	Mountain whitefish	271	230	Scale		0	Yellow	3415
ES0409	1	2209	Mountain whitefish	372	508	Scale		0	Yellow	3414
ES0409	1	2207	Mountain whitefish	268	202	Scale		0	Yellow	3412
ES0409	1	2206	Mountain whitefish	258	164	Scale		0	Yellow	3411
ES0409	1	2205	Mountain whitefish	273	210	Scale		0	Yellow	3410
ES0409	1	2213	Mountain whitefish	352	412	Scale		0	Yellow	3417
ES0409	1	2203	Mountain whitefish	352	406	Scale		0	Yellow	3408
ES0409	1	2222	Mountain whitefish	307	254	Scale		0		
ES0409	1	2200	Mountain whitefish	385	610	Scale		5	Yellow	3405
ES0409	1	2199	Mountain whitefish	424	716	Scale		0	Yellow	3404
ES0409	1	2198	Mountain whitefish	326	342	Scale	5	0		
ES0409	1	2197	Mountain whitefish	338	354	Scale		0	Yellow	3403
ES0409	1	2196	Mountain whitefish	354	378	Scale		0	Yellow	3402
ES0409	1	2195	Mountain whitefish	287	256	Scale		0	Yellow	3401
ES0409	1	2194	Mountain whitefish	345	398	Scale		0	Yellow	3400
ES0409	1	2204	Mountain whitefish	274	212	Scale		0	Yellow	3409
ES0409	1	2212	Mountain whitefish	362	450	Scale		0	Yellow	3416
ES0409	1	2188	Mountain whitefish	370	474	Scale		0	Yellow	3394
ES0409	1	2183	Mountain whitefish	373	502	Scale		0	Yellow	3389
ES0409	1	2228	Mountain whitefish	294	242	Scale		0	Yellow	3427
ES0409	1	2174	Mountain whitefish	442	828	Scale		0	Yellow	3382
ES0409	1	2202	Mountain whitefish	297	290	Scale		0	Yellow	3407
ES0409	1	2176	Mountain whitefish	380	478	Scale		0	Yellow	3384
ES0409	1	2177	Mountain whitefish	339	382	Scale		0	Yellow	3385
ES0409	1	2178	Mountain whitefish	427	736	Scale		0	Yellow	3386
ES0409	1	2179	Mountain whitefish	407	676	Scale		0	Yellow	3387
ES0409	1	2180	Mountain whitefish	404	592	Scale		0	Yellow	3388
ES0409	1	2182	Mountain whitefish	348	462	Scale		0		
ES0409	1	2171	Mountain whitefish	466	952	Scale		0	Yellow	3380
ES0409	1	2184	Mountain whitefish	414	704	Scale		0	Yellow	3390
ES0409	1	2185	Mountain whitefish	374	506	Scale		0	Yellow	3391
ES0409	1	2175	Mountain whitefish	324	716	Scale		0	Yellow	3383
ES0409	1	2224	Mountain whitefish	280	212	Scale		0	Yellow	3426
ES0409	1	2220	Mountain whitefish	252	164	Scale		0	Yellow	3423
ES0409	1	2219	Mountain whitefish	278	218	Scale		0	Yellow	3422
ES0409	1	2218	Mountain whitefish	326	360	Scale		0	Yellow	3421
ES0409	1	2217	Mountain whitefish	277	196	Scale	3	0	Yellow	3420
ES0409	1	2216	Mountain whitefish	286	250	Scale	3	0	Yellow	3419
ES0409	1	2186	Mountain whitefish	357	428	Scale		0	Yellow	3392
ES0409	1	2214	Mountain whitefish	361	430	Scale	6	0	Yellow	3418
ES0409	1	2187	Mountain whitefish	427	646	Scale		0	Yellow	3393
ES0409	1	2193	Mountain whitefish	323	330	Scale		0	Yellow	3399
ES0409	1	2173	Mountain whitefish	359	406	Scale		2	Yellow	1590
ES0409	1	2181	Mountain whitefish	212	98	Scale		0		
ES0409	1	2190	Mountain whitefish	292	230	Scale		0	Yellow	3396
ES0409	1	2189	Mountain whitefish	279	224	Scale		0	Yellow	3395
ES0409	1	2221	Mountain whitefish	291	258	Scale		0	Yellow	3424
ES0409	1	2215	Mountain whitefish	365	492	Scale	7	0		
ES0409	1	2226	Mountain whitefish	218	104	Scale		0		
ES0409	2	4450	Arctic grayling	389	800	Scale	4	0	Yellow	4793
ES0409	2	4453	Arctic grayling	281	330	Scale	2	0	Yellow	4795
ES0409	2	4446	Largescale sucker	419	1052			0		
ES0409	2	4448	Longnose sucker	384	754			0		
ES0409	2	4494	Longnose sucker	258	174			0		
ES0409	2	4447	Longnose sucker	459	1092			0		
ES0409	2	4479	Longnose sucker	379	650			0		
ES0409	2	4445	Longnose sucker	381	696			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0409	2	4449	Longnose sucker	353	542			0		
ES0409	2	4501	Mountain whitefish	190	68	Scale		0		
ES0409	2	4487	Mountain whitefish	282	224	Scale		0	Yellow	4823
ES0409	2	4460	Mountain whitefish	408	690	Scale		0	Yellow	4800
ES0409	2	4466	Mountain whitefish	360	500	Scale		0	Yellow	4805
ES0409	2	4468	Mountain whitefish	341	438	Scale		0	Yellow	4807
ES0409	2	4500	Mountain whitefish	154	34	Scale		0		
ES0409	2	4490	Mountain whitefish	272	180	Scale		0	Yellow	4802
ES0409	2	4465	Mountain whitefish	375	518	Scale	7	0	Yellow	4804
ES0409	2	4464	Mountain whitefish	199	98	Scale		0		
ES0409	2	4452	Mountain whitefish	411	672	Scale		0	Yellow	4794
ES0409	2	4499	Mountain whitefish	228	128	Scale		0		
ES0409	2	4498	Mountain whitefish	219	104	Scale		0		
ES0409	2	4497	Mountain whitefish	332	338	Scale		0	Yellow	4828
ES0409	2	4495	Mountain whitefish	321	310	Scale		0	Yellow	4826
ES0409	2	4493	Mountain whitefish	150	36	Scale		0		
ES0409	2	4496	Mountain whitefish	290	222	Scale		0	Yellow	4827
ES0409	2	4491	Mountain whitefish	327	346	Scale		0		
ES0409	2	4489	Mountain whitefish	340	384	Scale		0	Yellow	4825
ES0409	2	4471	Mountain whitefish	355	522	Scale		0	Yellow	4808
ES0409	2	4461	Mountain whitefish	266	160			2	Yellow	3428
ES0409	2	4502	Mountain whitefish	210	86	Scale		0		
ES0409	2	4488	Mountain whitefish	301	280	Scale		0	Yellow	4824
ES0409	2	4492	Mountain whitefish	339	380	Scale		0	Yellow	4814
ES0409	2	4470	Mountain whitefish	349	474			2	Yellow	3398
ES0409	2	4469	Mountain whitefish	283	222			2	Yellow	3395
ES0409	2	4451	Mountain whitefish	359	434			2	Yellow	3418
ES0409	2	4482	Mountain whitefish	373	484	Scale		0	Yellow	4818
ES0409	2	4473	Mountain whitefish	241	140	Scale		0		
ES0409	2	4474	Mountain whitefish	358	476	Scale		0	Yellow	4810
ES0409	2	4475	Mountain whitefish	330	380	Scale		0	Yellow	4811
ES0409	2	4476	Mountain whitefish	351	420	Scale		0	Yellow	4812
ES0409	2	4477	Mountain whitefish	331	350	Scale		0	Yellow	4813
ES0409	2	4478	Mountain whitefish	359	436	Scale		0	Yellow	4815
ES0409	2	4463	Mountain whitefish	330	352	Scale		0	Yellow	4803
ES0409	2	4481	Mountain whitefish	370	494	Scale		0	Yellow	4817
ES0409	2	4472	Mountain whitefish	302	276	Scale		0	Yellow	4809
ES0409	2	4483	Mountain whitefish	330	400	Scale		0	Yellow	4819
ES0409	2	4456	Mountain whitefish	162	40	Scale	2	0		
ES0409	2	4459	Mountain whitefish	365	448	Scale		0	Yellow	4799
ES0409	2	4467	Mountain whitefish	337	374	Scale		0	Yellow	4806
ES0409	2	4457	Mountain whitefish	455	880	Scale		0	Yellow	4797
ES0409	2	4484	Mountain whitefish	355	434	Scale		0	Yellow	4820
ES0409	2	4455	Mountain whitefish	150	32	Scale		0		
ES0409	2	4454	Mountain whitefish	452	852	Scale		0	Yellow	4796
ES0409	2	4462	Mountain whitefish	385	582	Scale		0	Yellow	4801
ES0409	2	4480	Mountain whitefish	411	650	Scale		0	Yellow	4816
ES0409	2	4486	Mountain whitefish	296	241	Scale		0	Yellow	4822
ES0409	2	4485	Mountain whitefish	343	370	Scale		0	Yellow	4821
ES0409	2	4458	Mountain whitefish	357	414	Scale		0	Yellow	4798
ES0409	3	6861	Arctic grayling	331	478	Scale	3	0	Yellow	6287
ES0409	3	6844	Largescale sucker	541	2002			0		
ES0409	3	6878	Longnose sucker	359	620			0		
ES0409	3	6855	Longnose sucker	353	652			0		
ES0409	3	6854	Longnose sucker	429	1020			0		
ES0409	3	6860	Longnose sucker	410	904			0		
ES0409	3	6884	Longnose sucker	402	876			0		
ES0409	3	6849	Longnose sucker	357	568			0		
ES0409	3	6881	Longnose sucker	245	180			0		
ES0409	3	6857	Longnose sucker	364	614			0		
ES0409	3	6866	Longnose sucker	373	654			0		
ES0409	3	6858	Longnose sucker	387	656			0		
ES0409	3	6853	Mountain whitefish	334	402	Scale		0	Yellow	6284
ES0409	3	6851	Mountain whitefish	349				2	Yellow	3417
ES0409	3	6845	Mountain whitefish	448				2	Yellow	4796
ES0409	3	6846	Mountain whitefish	432	1012	Scale		0	Yellow	6280
ES0409	3	6847	Mountain whitefish	293				2	Yellow	3427
ES0409	3	6848	Mountain whitefish	350	434	Scale		0	Yellow	6281
ES0409	3	6859	Mountain whitefish	311	304	Scale		0	Yellow	6286



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0409	3	6852	Mountain whitefish	318	356	Scale		0	Yellow	6283
ES0409	3	6870	Mountain whitefish	357				2	Yellow	3392
ES0409	3	6856	Mountain whitefish	291	248	Scale	4	0	Yellow	6285
ES0409	3	6850	Mountain whitefish	378	498	Scale		0	Yellow	6282
ES0409	3	6871	Mountain whitefish	327	380	Scale		0	Yellow	6291
ES0409	3	6885	Mountain whitefish	157	42	Scale		0		
ES0409	3	6882	Mountain whitefish	222	104	Scale		0		
ES0409	3	6883	Mountain whitefish	343	432	Scale		0	Yellow	6299
ES0409	3	6888	Mountain whitefish	217	102	Scale		0		
ES0409	3	6893	Mountain whitefish	233	136	Scale	3	0		
ES0409	3	6890	Mountain whitefish	415	704	Scale		0	Yellow	6302
ES0409	3	6897	Mountain whitefish	271				2	Yellow	3420
ES0409	3	6892	Mountain whitefish	277	232	Scale		0	Yellow	6304
ES0409	3	6899	Mountain whitefish	152	34	Scale		0		
ES0409	3	6895	Mountain whitefish	393	584	Scale		0	Yellow	6306
ES0409	3	6896	Mountain whitefish	232	124	Scale		0		
ES0409	3	6889	Mountain whitefish	147	36	Scale		0		
ES0409	3	6900	Mountain whitefish	157	44	Scale		0		
ES0409	3	6901	Mountain whitefish	279	204	Scale		0	Yellow	6308
ES0409	3	6902	Mountain whitefish	271	186	Scale		0	Yellow	6309
ES0409	3	6891	Mountain whitefish	289	258	Scale		0	Yellow	6303
ES0409	3	6873	Mountain whitefish	297	272	Scale		0	Yellow	6293
ES0409	3	6874	Mountain whitefish	327	350	Scale		0	Yellow	6294
ES0409	3	6875	Mountain whitefish	363				2	Yellow	3384
ES0409	3	6876	Mountain whitefish	327	326	Scale		0	Yellow	6295
ES0409	3	6877	Mountain whitefish	264	196	Scale		0	Yellow	6296
ES0409	3	6864	Mountain whitefish	337	404	Scale		0	Yellow	6288
ES0409	3	6872	Mountain whitefish	283	264	Scale		0	Yellow	6292
ES0409	3	6886	Mountain whitefish	327	340	Scale	5	0	Yellow	6300
ES0409	3	6869	Mountain whitefish	367				2	Yellow	4817
ES0409	3	6887	Mountain whitefish	347	410	Scale		0	Yellow	6301
ES0409	3	6867	Mountain whitefish	357	410	Scale		0	Yellow	6289
ES0409	3	6865	Mountain whitefish	314				2	Yellow	3447
ES0409	3	6863	Mountain whitefish	340				2	Yellow	3403
ES0409	3	6868	Mountain whitefish	341	454	Scale		0	Yellow	6290
ES0409	3	6898	Mountain whitefish	336	342	Scale		0	Yellow	6307
ES0409	3	6862	Mountain whitefish	273				2	Yellow	3422
ES0409	3	6894	Mountain whitefish	274	202	Scale		0	Yellow	6305
ES0409	3	6879	Mountain whitefish	350	448	Scale		0	Yellow	6297
ES0409	3	6880	Mountain whitefish	274	198	Scale		0	Yellow	6298
ES0409	4	9298	Arctic grayling	189	84			0		
ES0409	4	9292	Bull trout	315	306	Fin Ray	4	0	Yellow	7735
ES0409	4	9263	Longnose sucker	381	722			0		
ES0409	4	9260	Longnose sucker	352	548			0		
ES0409	4	9261	Longnose sucker	350	562			0		
ES0409	4	9262	Longnose sucker	377	748			0		
ES0409	4	9270	Mountain whitefish	317	320			2	Yellow	3447
ES0409	4	9290	Mountain whitefish	243	140	Scale		0		
ES0409	4	9268	Mountain whitefish	330	382			2	Yellow	4811
ES0409	4	9267	Mountain whitefish	292	272			2	Yellow	3424
ES0409	4	9299	Mountain whitefish	379	242	Scale		0	Yellow	7739
ES0409	4	9297	Mountain whitefish	280	224	Scale		0	Yellow	7738
ES0409	4	9296	Mountain whitefish	191	69	Scale		0		
ES0409	4	9295	Mountain whitefish	270	204	Scale		0	Yellow	7737
ES0409	4	9294	Mountain whitefish	280	242	Scale		0	Yellow	7736
ES0409	4	9293	Mountain whitefish	228	108	Scale		0		
ES0409	4	9304	Mountain whitefish	225	106	Scale		0		
ES0409	4	9269	Mountain whitefish	362	510			2	Yellow	3416
ES0409	4	9302	Mountain whitefish	206	92	Scale		0		
ES0409	4	9291	Mountain whitefish	353	370	Scale		0	Yellow	7733
ES0409	4	9281	Mountain whitefish	360	438	Scale		0	Yellow	7725
ES0409	4	9278	Mountain whitefish	430	776	Scale		0	Yellow	7723
ES0409	4	9282	Mountain whitefish	313	344	Scale		0		
ES0409	4	9264	Mountain whitefish	442	838			2	Yellow	3382
ES0409	4	9284	Mountain whitefish	242	130	Scale		0		
ES0409	4	9287	Mountain whitefish	366	472	Scale		0	Yellow	7730
ES0409	4	9265	Mountain whitefish	255	422	Scale		0	Yellow	7716
ES0409	4	9288	Mountain whitefish	372	502	Scale		0	Yellow	7731
ES0409	4	9266	Mountain whitefish	364	418	Scale		0	Yellow	7717

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0409	4	9303	Mountain whitefish	280	212	Scale		0	Yellow	7741
ES0409	4	9275	Mountain whitefish	393	520	Scale		0	Yellow	7720
ES0409	4	9289	Mountain whitefish	327	348	Scale		0	Yellow	7732
ES0409	4	9279	Mountain whitefish	370	490			2	Yellow	4817
ES0409	4	9300	Mountain whitefish	271	204	Scale		0	Yellow	7740
ES0409	4	9276	Mountain whitefish	372	438	Scale		0	Yellow	7721
ES0409	4	9305	Mountain whitefish	173	56	Scale		0		
ES0409	4	9274	Mountain whitefish	335	454	Scale		0	Yellow	7719
ES0409	4	9273	Mountain whitefish	388	564	Scale	6	0	Yellow	7718
ES0409	4	9272	Mountain whitefish	295	250			2	Yellow	3427
ES0409	4	9271	Mountain whitefish	320	362			2	Yellow	6283
ES0409	4	9306	Mountain whitefish	238	136	Scale		0		
ES0409	4	9280	Mountain whitefish	354	428	Scale		0	Yellow	7724
ES0409	4	9301	Mountain whitefish	148	30	Scale		0		
ES0409	4	9283	Mountain whitefish	386	590	Scale		0	Yellow	7726
ES0409	4	9308	Mountain whitefish	165	42	Scale		0		
ES0409	4	9307	Mountain whitefish	172	56	Scale		0		
ES0409	4	9286	Mountain whitefish	326	342	Scale		0	Yellow	7729
ES0409	4	9277	Mountain whitefish	360	418	Scale		0	Yellow	7722
ES0409	4	9285	Mountain whitefish	282	236	Scale		0	Yellow	7727
ES0409	5	11202	Mountain whitefish	348				2	Yellow	7615
ES0409	6	13202	Mountain whitefish	345				2	Yellow	6290
ES0409	6	13198	Mountain whitefish	357				2	Yellow	4810
ES0409	6	13204	Mountain whitefish	274				2	Yellow	3410
ES0409	6	13203	Mountain whitefish	330				2	Yellow	6300
ES0409	6	13200	Mountain whitefish	353				2	Yellow	6297
ES0409	6	13193	Mountain whitefish	287				2	Yellow	6270
ES0409	6	13189	Mountain whitefish	351				2	Yellow	4820
ES0409	6	13190	Mountain whitefish	344				2	Yellow	6288
ES0409	6	13191	Mountain whitefish	370				2	Yellow	4817
ES0409	6	13201	Mountain whitefish	372				2	Yellow	7731
ES0409	6	13199	Mountain whitefish	289				2	Yellow	3426
ES0409	6	13197	Mountain whitefish	406				2	Yellow	4800
ES0409	6	13196	Mountain whitefish	327				2	Yellow	4788
ES0409	6	13195	Mountain whitefish	349				2	Yellow	4812
ES0409	6	13192	Mountain whitefish	333				2	Yellow	4571
ES0409	6	13194	Mountain whitefish	345				2	Yellow	6299
ES0410	1	2276	Bull trout	323		Fin Ray	4	0	Yellow	3456
ES0410	1	2236	Largescale sucker	508	1522			0		
ES0410	1	2245	Longnose sucker	421	556			0		
ES0410	1	2234	Longnose sucker	417	824			0		
ES0410	1	2235	Longnose sucker	388	776			0		
ES0410	1	2233	Longnose sucker	391	750			0		
ES0410	1	2237	Longnose sucker	334	516			0		
ES0410	1	2232	Longnose sucker	349	546			0		
ES0410	1	2273	Mountain whitefish	284	246	Scale		0	Yellow	3453
ES0410	1	2239	Mountain whitefish	275				2	Yellow	3376
ES0410	1	2240	Mountain whitefish	342				2	Yellow	3370
ES0410	1	2238	Mountain whitefish	413				2	Yellow	3390
ES0410	1	2242	Mountain whitefish	256				2	Yellow	3378
ES0410	1	2244	Mountain whitefish	344	492	Scale	7	0	Yellow	3430
ES0410	1	2249	Mountain whitefish	361	448	Scale		0	Yellow	3433
ES0410	1	2246	Mountain whitefish	351	412	Scale		0	Yellow	3430
ES0410	1	2247	Mountain whitefish	354	424	Scale		0	Yellow	3431
ES0410	1	2248	Mountain whitefish	421	724	Scale		0	Yellow	3432
ES0410	1	2250	Mountain whitefish	408	562	Scale		0	Yellow	3434
ES0410	1	2241	Mountain whitefish	382				2	Yellow	3371
ES0410	1	2275	Mountain whitefish	306	296	Scale		0	Yellow	3455
ES0410	1	2274	Mountain whitefish	262	178	Scale		0	Yellow	3454
ES0410	1	2252	Mountain whitefish	402	608	Scale		0	Yellow	3436
ES0410	1	2260	Mountain whitefish	252	166	Scale		0	Yellow	3443
ES0410	1	2251	Mountain whitefish	406	658	Scale	8	0	Yellow	3435
ES0410	1	2243	Mountain whitefish	442	798	Scale		0		
ES0410	1	2259	Mountain whitefish	282	224	Scale		0	Yellow	3442
ES0410	1	2261	Mountain whitefish	210	88	Scale		0		
ES0410	1	2254	Mountain whitefish	277	196	Scale		0	Yellow	3438
ES0410	1	2257	Mountain whitefish	216	98	Scale		0		
ES0410	1	2255	Mountain whitefish	364	474	Scale		0	Yellow	3439
ES0410	1	2256	Mountain whitefish	306	292	Scale		0	Yellow	3440

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0410	1	2263	Mountain whitefish	210	100	Scale		0		
ES0410	1	2258	Mountain whitefish	332	330	Scale		0	Yellow	3441
ES0410	1	2271	Mountain whitefish	252	184	Scale		0	Yellow	3451
ES0410	1	2262	Mountain whitefish	323	312	Scale		0	Yellow	3444
ES0410	1	2268	Mountain whitefish	357	470	Scale		0	Yellow	3449
ES0410	1	2253	Mountain whitefish	343	398	Scale		0	Yellow	3437
ES0410	1	2264	Mountain whitefish	335	372	Scale		0	Yellow	3445
ES0410	1	2270	Mountain whitefish	334	362	Scale		0	Yellow	3450
ES0410	1	2272	Mountain whitefish	264	196	Scale		0	Yellow	3452
ES0410	1	2267	Mountain whitefish	260	184	Scale		0	Yellow	3448
ES0410	1	2266	Mountain whitefish	314	308	Scale		0	Yellow	3447
ES0410	1	2265	Mountain whitefish	282	224	Scale		0	Yellow	3446
ES0410	1	2269	Mountain whitefish	212	94	Scale		0		
ES0410	2	4631	Kokanee	222	116			0		
ES0410	2	4604	Largescale sucker	357	542			0		
ES0410	2	4599	Largescale sucker	430	946			0		
ES0410	2	4594	Largescale sucker	454	1006			0		
ES0410	2	4588	Largescale sucker	455	1140			0		
ES0410	2	4592	Longnose sucker	372	630			0		
ES0410	2	4598	Longnose sucker	401	808			0		
ES0410	2	4597	Longnose sucker	470	1338			0		
ES0410	2	4603	Longnose sucker	387	730			0		
ES0410	2	4595	Longnose sucker	414	898			0		
ES0410	2	4600	Longnose sucker	420	830			0		
ES0410	2	4601	Longnose sucker	258	192			0		
ES0410	2	4587	Longnose sucker	393	720			0		
ES0410	2	4593	Longnose sucker	428	974			0		
ES0410	2	4585	Longnose sucker	390	744			0		
ES0410	2	4596	Longnose sucker	320	410			0		
ES0410	2	4586	Longnose sucker	397	726			0		
ES0410	2	4591	Longnose sucker	391	784			0		
ES0410	2	4589	Longnose sucker	400	700			0		
ES0410	2	4590	Longnose sucker	394	682			0		
ES0410	2	4602	Longnose sucker	363	604			0		
ES0410	2	4609	Mountain whitefish	278	224			2	Yellow	3395
ES0410	2	4613	Mountain whitefish	380	516	Scale		0	Yellow	4866
ES0410	2	4605	Mountain whitefish	401	764	Scale		0	Yellow	4860
ES0410	2	4614	Mountain whitefish	327	338	Scale	5	0	Yellow	4867
ES0410	2	4608	Mountain whitefish	443	992	Scale		0	Yellow	4863
ES0410	2	4611	Mountain whitefish	337	360	Scale		0		
ES0410	2	4623	Mountain whitefish	309	296	Scale		0	Yellow	4874
ES0410	2	4612	Mountain whitefish	383	542	Scale		0	Yellow	4865
ES0410	2	4627	Mountain whitefish	373	444	Scale		0	Yellow	4877
ES0410	2	4618	Mountain whitefish	430	722	Scale		0	Yellow	4870
ES0410	2	4619	Mountain whitefish	377	506	Scale		0	Yellow	4871
ES0410	2	4620	Mountain whitefish	284	244			2	Yellow	3453
ES0410	2	4626	Mountain whitefish	288	242	Scale		0	Yellow	4876
ES0410	2	4622	Mountain whitefish	388	588	Scale		0	Yellow	4873
ES0410	2	4616	Mountain whitefish	402	658			2	Yellow	3435
ES0410	2	4624	Mountain whitefish	280	222	Scale		0	Yellow	4875
ES0410	2	4615	Mountain whitefish	358	486	Scale		0	Yellow	4868
ES0410	2	4628	Mountain whitefish	233	126	Scale		0		
ES0410	2	4625	Mountain whitefish	155	34	Scale		0		
ES0410	2	4606	Mountain whitefish	383	606	Scale		0	Yellow	4861
ES0410	2	4621	Mountain whitefish	292	260	Scale		0	Yellow	4872
ES0410	2	4607	Mountain whitefish	381	458	Scale		0	Yellow	4862
ES0410	2	4610	Mountain whitefish	329	360	Scale		0	Yellow	4864
ES0410	2	4630	Mountain whitefish	218	102	Scale		0		
ES0410	2	4629	Mountain whitefish	267	192	Scale		0	Yellow	4878
ES0410	2	4617	Mountain whitefish	420	734	Scale		0	Yellow	4869
ES0410	3	6843	Bull trout	305	270	Fin Ray	3	0	Yellow	6279
ES0410	3	6838	Longnose sucker	400	810			0		
ES0410	3	6821	Longnose sucker	370	700			0		
ES0410	3	6792	Longnose sucker	370	716			0		
ES0410	3	6796	Longnose sucker	412	902			0		
ES0410	3	6840	Longnose sucker	465	1328			0		
ES0410	3	6841	Longnose sucker	378	664			0		
ES0410	3	6794	Longnose sucker	388	628			0		
ES0410	3	6793	Longnose sucker	420	1002			0		



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0410	3	6806	Longnose sucker	384	666			0		
ES0410	3	6813	Longnose sucker	347	546			0		
ES0410	3	6839	Longnose sucker	275	252			0		
ES0410	3	6787	Longnose sucker	357	684			0		
ES0410	3	6788	Longnose sucker	372	646			0		
ES0410	3	6791	Longnose sucker	413	902			0		
ES0410	3	6784	Longnose sucker	413	1248			0		
ES0410	3	6783	Longnose sucker	378	638			0		
ES0410	3	6790	Longnose sucker	407	862			0		
ES0410	3	6820	Mountain whitefish	318	316	Scale	4	0	Yellow	6266
ES0410	3	6836	Mountain whitefish	346	454	Scale		0	Yellow	6278
ES0410	3	6835	Mountain whitefish	280	210	Scale		0	Yellow	6277
ES0410	3	6831	Mountain whitefish	360	408	Scale		0	Yellow	6273
ES0410	3	6805	Mountain whitefish	140	30	Scale	1	0		
ES0410	3	6833	Mountain whitefish	265	200	Scale		0	Yellow	6275
ES0410	3	6808	Mountain whitefish	304	282	Scale		0	Yellow	6256
ES0410	3	6832	Mountain whitefish	302	246	Scale		0	Yellow	6274
ES0410	3	6817	Mountain whitefish	386		Scale		0	Yellow	6263
ES0410	3	6834	Mountain whitefish	300	294	Scale		0	Yellow	6276
ES0410	3	6804	Mountain whitefish	198	88	Scale		0		
ES0410	3	6842	Mountain whitefish	153		Scale		1		
ES0410	3	6837	Mountain whitefish	327				2	Yellow	4781
ES0410	3	6802	Mountain whitefish	424				2	Yellow	3432
ES0410	3	6830	Mountain whitefish	304	306	Scale		0	Yellow	6272
ES0410	3	6823	Mountain whitefish	344	434	Scale		0	Yellow	6268
ES0410	3	6824	Mountain whitefish	147	24	Scale		0		
ES0410	3	6825	Mountain whitefish	343	412	Scale		0	Yellow	6269
ES0410	3	6826	Mountain whitefish	279				2	Yellow	3155
ES0410	3	6827	Mountain whitefish	241	144	Scale		0		
ES0410	3	6803	Mountain whitefish	268	210	Scale		0	Yellow	6254
ES0410	3	6797	Mountain whitefish	382	636	Scale		0	Yellow	6250
ES0410	3	6785	Mountain whitefish	252				2	Yellow	3443
ES0410	3	6786	Mountain whitefish	320	402	Scale		0	Yellow	6248
ES0410	3	6795	Mountain whitefish	434	902	Scale		0	Yellow	6249
ES0410	3	6810	Mountain whitefish	333	372	Scale		0	Yellow	6258
ES0410	3	6800	Mountain whitefish	347	416	Scale		0	Yellow	6253
ES0410	3	6801	Mountain whitefish	149	44	Scale		0		
ES0410	3	6816	Mountain whitefish	322	342	Scale		5	Yellow	6262
ES0410	3	6815	Mountain whitefish	263	184	Scale		0	Yellow	6261
ES0410	3	6818	Mountain whitefish	282	236	Scale		0	Yellow	6264
ES0410	3	6814	Mountain whitefish	280	234	Scale		0	Yellow	6260
ES0410	3	6789	Mountain whitefish	392				2	Yellow	3436
ES0410	3	6828	Mountain whitefish	285	200	Scale		0	Yellow	6270
ES0410	3	6812	Mountain whitefish	148	32	Scale		0		
ES0410	3	6811	Mountain whitefish	325	312	Scale		0	Yellow	6259
ES0410	3	6798	Mountain whitefish	360	490	Scale		0	Yellow	6251
ES0410	3	6809	Mountain whitefish	380	530	Scale	7	0	Yellow	6257
ES0410	3	6799	Mountain whitefish	365	516	Scale		0	Yellow	6252
ES0410	3	6807	Mountain whitefish	396	572	Scale		0	Yellow	6255
ES0410	3	6822	Mountain whitefish	312	332	Scale		0	Yellow	6267
ES0410	3	6819	Mountain whitefish	254	154	Scale		0	Yellow	6265
ES0410	3	6829	Mountain whitefish	349	414	Scale		0	Yellow	6271
ES0410	4	9523	Largescale sucker	517	1602			0		
ES0410	4	9514	Longnose sucker	378	690			0		
ES0410	4	9524	Longnose sucker	350	556			0		
ES0410	4	9522	Longnose sucker	437	962			0		
ES0410	4	9513	Longnose sucker	436	1088			0		
ES0410	4	9516	Longnose sucker	454	1134			0		
ES0410	4	9525	Longnose sucker	400	732			0		
ES0410	4	9520	Longnose sucker	355	572			0		
ES0410	4	9517	Longnose sucker	431	1004			0		
ES0410	4	9519	Longnose sucker	405	904			0		
ES0410	4	9515	Longnose sucker	488	1412			0		
ES0410	4	9518	Longnose sucker	410	954			0		
ES0410	4	9512	Longnose sucker	455	1238			0		
ES0410	4	9521	Longnose sucker	397	792			0		
ES0410	4	9536	Mountain whitefish	335	322	Scale	6	0	Yellow	7840
ES0410	4	9537	Mountain whitefish	188	62	Scale		0		
ES0410	4	9538	Mountain whitefish	291	256	Scale		0	Yellow	7841

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number	
Section 4											
ES0410	4	9531	Mountain whitefish	379	444			2	Yellow	4862	
ES0410	4	9542	Mountain whitefish	86	4	Scale		0			
ES0410	4	9535	Mountain whitefish	265	192			2	Yellow	3452	
ES0410	4	9532	Mountain whitefish	440	816	Scale		0	Yellow	7837	
ES0410	4	9527	Mountain whitefish	440	1004			2	Yellow	4863	
ES0410	4	9528	Mountain whitefish	337	316	Scale		0	Yellow	7835	
ES0410	4	9541	Mountain whitefish	240	150	Scale		0			
ES0410	4	9529	Mountain whitefish	288	242			2	Yellow	3453	
ES0410	4	9533	Mountain whitefish	392	612	Scale		0	Yellow	7838	
ES0410	4	9539	Mountain whitefish	358	480			2	Yellow	3433	
ES0410	4	9545	Mountain whitefish	372	430	Scale		0	Yellow	7844	
ES0410	4	9548	Mountain whitefish	160	42	Scale		0			
ES0410	4	9547	Mountain whitefish	358	486	Scale		0	Yellow	7846	
ES0410	4	9551	Mountain whitefish	330	324	Scale		0	Yellow	7848	
ES0410	4	9540	Mountain whitefish	354	490	Scale		0	Yellow	7842	
ES0410	4	9553	Mountain whitefish	244	150	Scale		0			
ES0410	4	9554	Mountain whitefish	193	72	Scale		0			
ES0410	4	9526	Mountain whitefish	307	252			2	Yellow	7710	
ES0410	4	9555	Mountain whitefish	227	122	Scale		0			
ES0410	4	9534	Mountain whitefish	351	350	Scale		0	Yellow	7839	
ES0410	4	9544	Mountain whitefish	343	412	Scale		0	Yellow	7843	
ES0410	4	9543	Mountain whitefish	157	34	Scale		0			
ES0410	4	9552	Mountain whitefish	338	356	Scale		0	Yellow	7849	
ES0410	4	9550	Mountain whitefish	230	122	Scale		0			
ES0410	4	9549	Mountain whitefish	274	206	Scale		0	Yellow	7847	
ES0410	4	9530	Mountain whitefish	430	766	Scale		0	Yellow	7836	
ES0410	4	9546	Mountain whitefish	356	436	Scale		0	Yellow	7845	
ES0410	5	11259	Mountain whitefish	363				2	Yellow	6251	
ES0410	5	11257	Mountain whitefish	382				2	Yellow	4866	
ES0410	5	11258	Mountain whitefish	325				2	Yellow	4867	
ES0410	5	11261	Mountain whitefish	245				2	Yellow	3379	
ES0410	5	11260	Mountain whitefish	288				2	Yellow	4876	
ES0410	5	11256	Mountain whitefish	425				2	Yellow	7643	
ES0410	5	11262	Mountain whitefish	267				2	Yellow	6275	
ES0410	6	13303	Bull trout	620				0		7995	
ES0410	6	13315	Bull trout	535				2	Yellow	4831	
ES0410	6	13307	Mountain whitefish	327				2	Yellow	6248	
ES0410	6	13314	Mountain whitefish	265				2	Yellow	3425	
ES0410	6	13305	Mountain whitefish	442				2	Yellow	4863	
ES0410	6	13313	Mountain whitefish	269				2	Yellow	3453	
ES0410	6	13310	Mountain whitefish	285				2	Yellow	3446	
ES0410	6	13308	Mountain whitefish	261				2	Yellow	3443	
ES0410	6	13311	Mountain whitefish	335				2	Yellow	7840	
ES0410	6	13309	Mountain whitefish	272				2	Yellow	3488	
ES0410	6	13306	Mountain whitefish	333				2	Yellow	4811	
ES0410	6	13312	Mountain whitefish	325				2	Yellow	6266	
ES0411	1	2306	Bull trout	352	426	Fin Ray		4	0	Yellow	3472
ES0411	1	2280	Largescale sucker	450	1126			0			
ES0411	1	2277	Longnose sucker	425	1076			0			
ES0411	1	2288	Longnose sucker	367	526			0			
ES0411	1	2283	Longnose sucker	418	732			0			
ES0411	1	2278	Longnose sucker	392	706			0			
ES0411	1	2279	Longnose sucker	387	720			0			
ES0411	1	2284	Longnose sucker	407	844			0			
ES0411	1	2282	Longnose sucker	435	908			0			
ES0411	1	2281	Longnose sucker	403	706			0			
ES0411	1	2294	Mountain whitefish	360	420	Scale		0	Yellow	3465	
ES0411	1	2293	Mountain whitefish	347	428	Scale		0	Yellow	3464	
ES0411	1	2286	Mountain whitefish	361	406	Scale		0	Yellow	3458	
ES0411	1	2287	Mountain whitefish	393	550	Scale		0	Yellow	3459	
ES0411	1	2290	Mountain whitefish	345	424	Scale		0	Yellow	3461	
ES0411	1	2302	Mountain whitefish	382	180	Scale		0	Yellow	3471	
ES0411	1	2291	Mountain whitefish	346	914	Scale		0	Yellow	3462	
ES0411	1	2289	Mountain whitefish	284	210	Scale		0	Yellow	3460	
ES0411	1	2300	Mountain whitefish	341	334	Scale		0	Yellow	3469	
ES0411	1	2309	Mountain whitefish	302	244	Scale		0	Yellow	3474	
ES0411	1	2285	Mountain whitefish	337	376	Scale		0	Yellow	3457	
ES0411	1	2305	Mountain whitefish	144	32	Scale		0			
ES0411	1	2295	Mountain whitefish	379	486	Scale		0	Yellow	3466	

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 4										
ES0411	1	2296	Mountain whitefish	237	86	Scale		0		
ES0411	1	2297	Mountain whitefish	289	200	Scale		0	Yellow	3467
ES0411	1	2304	Mountain whitefish	144	28	Scale		0		
ES0411	1	2299	Mountain whitefish	290	194	Scale	4	0	Yellow	3468
ES0411	1	2303	Mountain whitefish	234	124	Scale		0		
ES0411	1	2301	Mountain whitefish	326	354	Scale	6	0	Yellow	3470
ES0411	1	2307	Mountain whitefish	254	148	Scale		0	Yellow	3473
ES0411	1	2292	Mountain whitefish	342	912	Scale		0	Yellow	3463
ES0411	1	2308	Mountain whitefish	147	30	Scale		0		
ES0411	1	2310	Mountain whitefish	298	246	Scale		0	Yellow	3475
ES0411	1	2311	Mountain whitefish	149	32	Scale		0		
ES0411	1	2298	Mountain whitefish	230	72	Scale		0		
ES0411	2	4503	Largescale sucker	510	1666			0		
ES0411	2	4511	Largescale sucker	347	452			0		
ES0411	2	4504	Largescale sucker	341	438			0		
ES0411	2	4517	Largescale sucker	335	436			0		
ES0411	2	4512	Largescale sucker	317	332			0		
ES0411	2	4508	Largescale sucker	457	994			0		
ES0411	2	4516	Largescale sucker	360	386			0		
ES0411	2	4513	Longnose sucker	388	730			0		
ES0411	2	4506	Longnose sucker	367	662			0		
ES0411	2	4505	Longnose sucker	366	596			0		
ES0411	2	4515	Longnose sucker	392	780			0		
ES0411	2	4519	Longnose sucker	410	852			0		
ES0411	2	4507	Longnose sucker	387	706			0		
ES0411	2	4514	Longnose sucker	387	686			0		
ES0411	2	4518	Longnose sucker	339	454			0		
ES0411	2	4520	Longnose sucker	336	454			0		
ES0411	2	4521	Mountain whitefish	464	1080	Scale		0	Yellow	4829
ES0411	2	4524	Mountain whitefish	370	498			2	Yellow	4732
ES0411	2	4526	Mountain whitefish	191	76	Scale		0		
ES0411	2	4529	Mountain whitefish	158	36	Scale		0		
ES0411	2	4527	Mountain whitefish	197	89	Scale		0		
ES0411	2	4525	Mountain whitefish	140	40	Scale		0		
ES0411	2	4522	Mountain whitefish	408	630			2	Yellow	4725
ES0411	2	4523	Mountain whitefish	328	374	Scale		0	Yellow	4830
ES0411	2	4528	Mountain whitefish	158	38	Scale		0		
ES0411	2	4510	Northern pikeminnow	390	616			0		
ES0411	2	4509	Northern pikeminnow	485	1546			0		
ES0411	3	7060	Largescale sucker	455	1198			0		
ES0411	3	7063	Largescale sucker	464	1286			0		
ES0411	3	7061	Longnose sucker	380	765			0		
ES0411	3	7062	Longnose sucker	386	734			0		
ES0411	3	7064	Longnose sucker	468	1222			0		
ES0411	3	7065	Longnose sucker	407	858			0		
ES0411	3	7068	Mountain whitefish	272	234	Scale		0	Yellow	6391
ES0411	3	7080	Mountain whitefish	382		Scale		0	Yellow	6398
ES0411	3	7069	Mountain whitefish	364	486	Scale		0	Yellow	6392
ES0411	3	7082	Mountain whitefish	342		Scale		0	Yellow	6399
ES0411	3	7083	Mountain whitefish	244		Scale		0		
ES0411	3	7084	Mountain whitefish	243		Scale		0		
ES0411	3	7085	Mountain whitefish	166		Scale		0		
ES0411	3	7086	Mountain whitefish	189		Scale		0		
ES0411	3	7071	Mountain whitefish	345	442	Scale		0	Yellow	6394
ES0411	3	7081	Mountain whitefish	255				2	Yellow	3473
ES0411	3	7087	Mountain whitefish	144		Scale		0		
ES0411	3	7067	Mountain whitefish	418	644	Scale		0	Yellow	6390
ES0411	3	7066	Mountain whitefish	367	482	Scale		0	Yellow	6389
ES0411	3	7070	Mountain whitefish	263	204	Scale		0	Yellow	6393
ES0411	3	7079	Mountain whitefish	305		Scale		0	Yellow	6397
ES0411	3	7088	Mountain whitefish	145		Scale		0		
ES0411	3	7078	Mountain whitefish	272				2	Yellow	3485
ES0411	3	7077	Mountain whitefish	220		Scale		0		
ES0411	3	7072	Mountain whitefish	292	254	Scale		0	Yellow	6395
ES0411	3	7074	Mountain whitefish	233	130	Scale		0		
ES0411	3	7076	Mountain whitefish	338				2	Yellow	3457
ES0411	3	7073	Mountain whitefish	384				2	Yellow	3471
ES0411	3	7075	Mountain whitefish	251	180	Scale		0	Yellow	6396
ES0411	4	9452	Largescale sucker	434	1018			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0411	4	9450	Largescale sucker	590	1960			0		
ES0411	4	9453	Largescale sucker	483	1348			0		
ES0411	4	9455	Longnose sucker	405	802			0		
ES0411	4	9451	Longnose sucker	408	782			0		
ES0411	4	9454	Longnose sucker	468	1514			0		
ES0411	4	9457	Mountain whitefish	367	492	Scale		0	Yellow	7813
ES0411	4	9459	Mountain whitefish	402	664	Scale		0	Yellow	7815
ES0411	4	9464	Mountain whitefish	294	50			2	Yellow	3468
ES0411	4	9461	Mountain whitefish	234	128	Scale		0		
ES0411	4	9463	Mountain whitefish	233	118	Scale		0		
ES0411	4	9462	Mountain whitefish	351	416	Scale		0	Yellow	7817
ES0411	4	9458	Mountain whitefish	370	510	Scale		0	Yellow	7814
ES0411	4	9456	Mountain whitefish	333	362	Scale		0	Yellow	7812
ES0411	4	9460	Mountain whitefish	401	634	Scale		0	Yellow	7816
ES0411	5	11209	Mountain whitefish	375				2	Yellow	3466
ES0411	5	11208	Mountain whitefish	334				2	Yellow	7812
ES0411	6	13231	Mountain whitefish	369				2	Yellow	7813
ES0411	6	13232	Mountain whitefish	295				2	Yellow	6395
ES0412	1	2317	Bull trout	437	796	Fin Ray	5	0	Yellow	3476
ES0412	1	2315	Largescale sucker	501	1400			0		
ES0412	1	2316	Longnose sucker	351	554			0		
ES0412	1	2314	Longnose sucker	400	846			0		
ES0412	1	2313	Longnose sucker	410	628			0		
ES0412	1	2319	Mountain whitefish	398	604	Scale		0	Yellow	3478
ES0412	1	2328	Mountain whitefish	382	540	Scale		0	Yellow	3486
ES0412	1	2326	Mountain whitefish	275	202	Scale		0	Yellow	3485
ES0412	1	2322	Mountain whitefish	372	496	Scale		0	Yellow	3481
ES0412	1	2325	Mountain whitefish	384	562	Scale		0	Yellow	3484
ES0412	1	2336	Mountain whitefish	305	286	Scale		0	Yellow	3494
ES0412	1	2344	Mountain whitefish	259	178	Scale		0	Yellow	3502
ES0412	1	2321	Mountain whitefish	335	356	Scale		0	Yellow	3480
ES0412	1	2329	Mountain whitefish	341	426	Scale		0	Yellow	3487
ES0412	1	2318	Mountain whitefish	354	530	Scale		0	Yellow	3477
ES0412	1	2320	Mountain whitefish	454	906	Scale		0	Yellow	3479
ES0412	1	2312	Mountain whitefish	211	90	Scale		0		
ES0412	1	2323	Mountain whitefish	338	386	Scale		0	Yellow	3482
ES0412	1	2340	Mountain whitefish	260	170	Scale		0	Yellow	3498
ES0412	1	2324	Mountain whitefish	386	324	Scale		0	Yellow	3483
ES0412	1	2333	Mountain whitefish	387	544	Scale		0	Yellow	3491
ES0412	1	2332	Mountain whitefish	312	318	Scale		0	Yellow	3490
ES0412	1	2331	Mountain whitefish	375	508	Scale		0	Yellow	3489
ES0412	1	2337	Mountain whitefish	302	288	Scale		0	Yellow	3495
ES0412	1	2338	Mountain whitefish	271	188	Scale		0	Yellow	3496
ES0412	1	2327	Mountain whitefish	219	92	Scale		0		
ES0412	1	2339	Mountain whitefish	372	502	Scale		0	Yellow	3497
ES0412	1	2330	Mountain whitefish	269	232	Scale		0	Yellow	3488
ES0412	1	2341	Mountain whitefish	277	208	Scale		0	Yellow	3499
ES0412	1	2342	Mountain whitefish	315	304	Scale		0	Yellow	3500
ES0412	1	2343	Mountain whitefish	252	158	Scale		0	Yellow	3501
ES0412	1	2335	Mountain whitefish	360	426	Scale		0	Yellow	3493
ES0412	1	2345	Mountain whitefish	259	188	Scale		0	Yellow	3503
ES0412	1	2334	Mountain whitefish	276	212	Scale		0	Yellow	3492
ES0412	2	4541	Bull trout	496	1052			0	Yellow	4832
ES0412	2	4538	Bull trout	524	1602	Fin Ray	6	0	Yellow	4831
ES0412	2	4536	Largescale sucker	480	1526			0		
ES0412	2	4535	Longnose sucker	394	782			0		
ES0412	2	4530	Longnose sucker	478	1170			0		
ES0412	2	4537	Longnose sucker	398	827			0		
ES0412	2	4533	Longnose sucker	417	866			0		
ES0412	2	4531	Longnose sucker	385	572			0		
ES0412	2	4534	Longnose sucker	308	354			0		
ES0412	2	4539	Longnose sucker	310	402			0		
ES0412	2	4540	Longnose sucker	368	574			0		
ES0412	2	4583	Longnose sucker	152	40			0		
ES0412	2	4563	Longnose sucker	404	748			0		
ES0412	2	4532	Longnose sucker	422	850			0		
ES0412	2	4584	Longnose sucker	259	204			0		
ES0412	2	4557	Mountain whitefish	326	324	Scale		0	Yellow	4847
ES0412	2	4558	Mountain whitefish	345	404	Scale		0	Yellow	4848

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0412	2	4582	Mountain whitefish	150	34	Scale		0		
ES0412	2	4580	Mountain whitefish	207	80	Scale		0		
ES0412	2	4550	Mountain whitefish	398	568	Scale		0	Yellow	4839
ES0412	2	4556	Mountain whitefish	327	376	Scale		0	Yellow	4846
ES0412	2	4555	Mountain whitefish	395	584	Scale		0	Yellow	4845
ES0412	2	4554	Mountain whitefish	344	424	Scale	6	0	Yellow	4844
ES0412	2	4553	Mountain whitefish	392	576	Scale		0	Yellow	4843
ES0412	2	4575	Mountain whitefish	227	106	Scale		0		
ES0412	2	4578	Mountain whitefish	191	72	Scale		0		
ES0412	2	4559	Mountain whitefish	312	284	Scale		0	Yellow	4849
ES0412	2	4545	Mountain whitefish	422	774	Scale		0	Yellow	4833
ES0412	2	4551	Mountain whitefish	382	556	Scale		0	Yellow	4840
ES0412	2	4549	Mountain whitefish	402	602	Scale		0	Yellow	4837
ES0412	2	4548	Mountain whitefish	275	224	Scale		0	Yellow	4836
ES0412	2	4546	Mountain whitefish	279	202	Scale		0	Yellow	4834
ES0412	2	4544	Mountain whitefish	262	186			2	Yellow	3503
ES0412	2	4543	Mountain whitefish	373	514			2	Yellow	3489
ES0412	2	4552	Mountain whitefish	352	440	Scale		0	Yellow	4842
ES0412	2	4568	Mountain whitefish	288	244	Scale		0	Yellow	4855
ES0412	2	4579	Mountain whitefish	145	32	Scale		0		
ES0412	2	4564	Mountain whitefish	344	404	Scale		0	Yellow	4851
ES0412	2	4576	Mountain whitefish	243	144	Scale		0		
ES0412	2	4570	Mountain whitefish	240	136	Scale		0		
ES0412	2	4571	Mountain whitefish	249	164	Scale		0		
ES0412	2	4572	Mountain whitefish	334	344	Scale		0	Yellow	4857
ES0412	2	4573	Mountain whitefish	325	316	Scale		0	Yellow	4858
ES0412	2	4574	Mountain whitefish	209	98	Scale		0		
ES0412	2	4577	Mountain whitefish	275	198	Scale		0	Yellow	4859
ES0412	2	4567	Mountain whitefish	305	272	Scale		0	Yellow	4854
ES0412	2	4581	Mountain whitefish	205	88	Scale		0		
ES0412	2	4565	Mountain whitefish	288	264	Scale		0	Yellow	4852
ES0412	2	4562	Mountain whitefish	374	556	Scale		0	Yellow	4838
ES0412	2	4561	Mountain whitefish	379	530	Scale		0	Yellow	4841
ES0412	2	4560	Mountain whitefish	388	510	Scale		0	Yellow	4850
ES0412	2	4547	Mountain whitefish	358	450	Scale		0	Yellow	4835
ES0412	2	4569	Mountain whitefish	290	252	Scale		0	Yellow	4856
ES0412	2	4566	Mountain whitefish	300	288	Scale		0	Yellow	4853
ES0412	2	4542	Northern pikeminnow	378	626			0		
ES0412	3	6967	Arctic grayling	247	143	Scale	2	0		
ES0412	3	6953	Largescale sucker	518	1588			0		
ES0412	3	6948	Largescale sucker	491	1368			0		
ES0412	3	6951	Largescale sucker	436	1088			0		
ES0412	3	6941	Largescale sucker	533	1918			0		
ES0412	3	6940	Largescale sucker	483	1392			0		
ES0412	3	6947	Largescale sucker	442	958			0		
ES0412	3	6987	Longnose sucker	218	122			0		
ES0412	3	6978	Longnose sucker	276	232			0		
ES0412	3	6945	Longnose sucker	431	916			0		
ES0412	3	6981	Longnose sucker	248	206			0		
ES0412	3	6952	Longnose sucker	447	1048			0		
ES0412	3	6949	Longnose sucker	363	498			0		
ES0412	3	6944	Longnose sucker	424	942			0		
ES0412	3	6954	Longnose sucker	285	298			0		
ES0412	3	6946	Longnose sucker	431	912			0		
ES0412	3	6943	Longnose sucker	338	490			0		
ES0412	3	6942	Longnose sucker	440	1050			0		
ES0412	3	6950	Longnose sucker	397	690			0		
ES0412	3	6984	Mountain whitefish	307	280	Scale		0	Yellow	6351
ES0412	3	6990	Mountain whitefish	161	40	Scale		0		
ES0412	3	6991	Mountain whitefish	227	108	Scale	3	0		
ES0412	3	6983	Mountain whitefish	234	140	Scale		0		
ES0412	3	6988	Mountain whitefish	202	96	Scale		0		
ES0412	3	6986	Mountain whitefish	194	62	Scale		0		
ES0412	3	6985	Mountain whitefish	347	376	Scale		0	Yellow	6352
ES0412	3	6989	Mountain whitefish	157	40	Scale		0		
ES0412	3	6982	Mountain whitefish	357	428	Scale		0	Yellow	6360
ES0412	3	6980	Mountain whitefish	269				2	Yellow	4859
ES0412	3	6977	Mountain whitefish	340	360	Scale		0	Yellow	6349
ES0412	3	6975	Mountain whitefish	260	164	Scale		0	Yellow	6347



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0412	3	6992	Mountain whitefish	268	208	Scale		0	Yellow	6353
ES0412	3	6976	Mountain whitefish	295	274	Scale	3	0	Yellow	6348
ES0412	3	6972	Mountain whitefish	287	258	Scale		0	Yellow	6345
ES0412	3	6974	Mountain whitefish	225	124	Scale		0		
ES0412	3	6958	Mountain whitefish	314	310	Scale		0	Yellow	6336
ES0412	3	6955	Mountain whitefish	414	752	Scale		0	Yellow	6334
ES0412	3	6956	Mountain whitefish	374	574	Scale		0	Yellow	6335
ES0412	3	6957	Mountain whitefish	246	154	Scale		0		
ES0412	3	6963	Mountain whitefish	237	128	Scale		0		
ES0412	3	6971	Mountain whitefish	328	354	Scale		0	Yellow	6344
ES0412	3	6979	Mountain whitefish	243	146	Scale		0		
ES0412	3	6965	Mountain whitefish	433	722	Scale		0	Yellow	6339
ES0412	3	6959	Mountain whitefish	273	218	Scale	3	0	Yellow	6337
ES0412	3	6960	Mountain whitefish	348	382	Scale		0	Yellow	6338
ES0412	3	6961	Mountain whitefish	267				2	Yellow	3496
ES0412	3	6973	Mountain whitefish	311	292	Scale		0	Yellow	6346
ES0412	3	6964	Mountain whitefish	155	38	Scale		0		
ES0412	3	6966	Mountain whitefish	327	340	Scale		0	Yellow	6340
ES0412	3	6968	Mountain whitefish	282	226	Scale		0	Yellow	6341
ES0412	3	6962	Mountain whitefish	160	48	Scale		0		
ES0412	3	6969	Mountain whitefish	251	190	Scale		0	Yellow	6342
ES0412	3	6970	Mountain whitefish	301	268	Scale		0	Yellow	6343
ES0412	4	9486	Arctic grayling	418	952	Scale	6	0	Yellow	7818
ES0412	4	9482	Largescale sucker	466	1218			0		
ES0412	4	9475	Largescale sucker	431	1008			0		
ES0412	4	9480	Largescale sucker	535	1712			0		
ES0412	4	9477	Longnose sucker	371	710			0		
ES0412	4	9485	Longnose sucker	421	1038			0		
ES0412	4	9484	Longnose sucker	369	642			0		
ES0412	4	9470	Longnose sucker	380	714			0		
ES0412	4	9468	Longnose sucker	421	878			0		
ES0412	4	9483	Longnose sucker	389	800			0		
ES0412	4	9479	Longnose sucker	383	846			0		
ES0412	4	9465	Longnose sucker	441	1104			0		
ES0412	4	9481	Longnose sucker	430	940			0		
ES0412	4	9476	Longnose sucker	405	754			0		
ES0412	4	9478	Longnose sucker	369	740			0		
ES0412	4	9474	Longnose sucker	416	954			0		
ES0412	4	9473	Longnose sucker	420	1010			0		
ES0412	4	9466	Longnose sucker	467	1240			0		
ES0412	4	9469	Longnose sucker	408	874			0		
ES0412	4	9467	Longnose sucker	403	806			0		
ES0412	4	9471	Longnose sucker	441	1040			0		
ES0412	4	9472	Longnose sucker	406	818			0		
ES0412	4	9499	Mountain whitefish	399	612	Scale		0	Yellow	7822
ES0412	4	9500	Mountain whitefish	412	630	Scale		0	Yellow	7823
ES0412	4	9510	Mountain whitefish	326	350	Scale		0	Yellow	7833
ES0412	4	9502	Mountain whitefish	382	640	Scale		0	Yellow	7825
ES0412	4	9504	Mountain whitefish	377	614	Scale		0	Yellow	7827
ES0412	4	9494	Mountain whitefish	267	218	Scale		0	Yellow	7819
ES0412	4	9509	Mountain whitefish	352	400	Scale		0	Yellow	7832
ES0412	4	9488	Mountain whitefish	293	274			2	Yellow	6348
ES0412	4	9501	Mountain whitefish	344	444	Scale		0	Yellow	7824
ES0412	4	9492	Mountain whitefish	159	42	Scale		0		
ES0412	4	9507	Mountain whitefish	354	378	Scale		0	Yellow	7830
ES0412	4	9506	Mountain whitefish	358	466	Scale		0	Yellow	7829
ES0412	4	9508	Mountain whitefish	373	502	Scale		0	Yellow	7831
ES0412	4	9505	Mountain whitefish	370	550	Scale		0	Yellow	7828
ES0412	4	9511	Mountain whitefish	334	378	Scale		0	Yellow	7834
ES0412	4	9489	Mountain whitefish	285	260			2	Yellow	6345
ES0412	4	9496	Mountain whitefish	196	80	Scale		0		
ES0412	4	9490	Mountain whitefish	363	450			2	Yellow	4776
ES0412	4	9491	Mountain whitefish	209	90	Scale		0		
ES0412	4	9493	Mountain whitefish	231	128	Scale		0		
ES0412	4	9495	Mountain whitefish	262	168	Scale		0	Yellow	7820
ES0412	4	9503	Mountain whitefish	347	530	Scale		0	Yellow	7826
ES0412	4	9497	Mountain whitefish	317	340	Scale		0	Yellow	7821
ES0412	4	9498	Mountain whitefish	236	138	Scale	3	0		
ES0412	4	9487	Mountain whitefish	284	228			2	Yellow	2982

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0412	5	11239	Mountain whitefish	331				2	Yellow	6344
ES0412	5	11242	Mountain whitefish	283				2	Yellow	3492
ES0412	5	11240	Mountain whitefish	340				2	Yellow	3482
ES0412	5	11241	Mountain whitefish	395				2	Yellow	4839
ES0412	5	11238	Mountain whitefish	423				2	Yellow	3314
ES0412	6	13270	Mountain whitefish	357				2	Yellow	4835
ES0412	6	13271	Mountain whitefish	303				2	Yellow	4753
ES0412	6	13272	Mountain whitefish	403				2	Yellow	4837
ES0412	6	13273	Mountain whitefish	419				2	Yellow	6324
ES0412	6	13274	Mountain whitefish	362				2	Yellow	3477
ES0413	1	2369	Bull trout	384	576	Fin Ray	4	0	Yellow	3510
ES0413	1	2347	Largescale sucker	430	1026			0		
ES0413	1	2354	Longnose sucker	415	816			0		
ES0413	1	2356	Longnose sucker	408	856			0		
ES0413	1	2353	Longnose sucker	440	980			0		
ES0413	1	2352	Longnose sucker	438	984			0		
ES0413	1	2346	Longnose sucker	396	790			0		
ES0413	1	2355	Longnose sucker	444	900			0		
ES0413	1	2348	Longnose sucker	376	600			0		
ES0413	1	2349	Longnose sucker	370	600			0		
ES0413	1	2350	Longnose sucker	468	1082			0		
ES0413	1	2351	Longnose sucker	390	814			0		
ES0413	1	2357	Longnose sucker	402	774			0		
ES0413	1	2361	Longnose sucker	384	664			0		
ES0413	1	2360	Longnose sucker	398	806			0		
ES0413	1	2358	Longnose sucker	391	776			0		
ES0413	1	2363	Mountain whitefish	346	484	Scale		0	Yellow	3506
ES0413	1	2364	Mountain whitefish	349	412	Scale		0	Yellow	3507
ES0413	1	2365	Mountain whitefish	291	306	Scale		0	Yellow	3508
ES0413	1	2367	Mountain whitefish	238	142	Scale		0		
ES0413	1	2366	Mountain whitefish	316	282	Scale		0	Yellow	3509
ES0413	1	2368	Mountain whitefish	184	62	Scale		0		
ES0413	1	2362	Mountain whitefish	390	626	Scale		0	Yellow	3505
ES0413	1	2359	Mountain whitefish	276	226	Scale		0	Yellow	3504
ES0413	2	4330	Bull trout	317	330	Scale	4	0	Yellow	4710
ES0413	2	4322	Largescale sucker	462	1008			0		
ES0413	2	4312	Largescale sucker	595	2400			0		
ES0413	2	4329	Largescale sucker	453	1094			0		
ES0413	2	4324	Largescale sucker	464	1312			0		
ES0413	2	4311	Longnose sucker	408	824			0		
ES0413	2	4326	Longnose sucker	411	806			0		
ES0413	2	4316	Longnose sucker	380	684			0		
ES0413	2	4327	Longnose sucker	418	916			0		
ES0413	2	4328	Longnose sucker	422	848			0		
ES0413	2	4315	Longnose sucker	460	1164			0		
ES0413	2	4325	Longnose sucker	370	612			0		
ES0413	2	4318	Longnose sucker	417	888			0		
ES0413	2	4319	Longnose sucker	411	864			0		
ES0413	2	4323	Longnose sucker	357	564			0		
ES0413	2	4320	Longnose sucker	461	1034			0		
ES0413	2	4321	Longnose sucker	405	824			0		
ES0413	2	4317	Longnose sucker	394	756			0		
ES0413	2	4314	Longnose sucker	454	1236			0		
ES0413	2	4313	Longnose sucker	457	1184			0		
ES0413	2	4331	Mountain whitefish	420	678	Scale		0	Yellow	4711
ES0413	2	4342	Mountain whitefish	376	542	Scale		0	Yellow	4720
ES0413	2	4341	Mountain whitefish	388	566	Scale		0	Yellow	4719
ES0413	2	4340	Mountain whitefish	302	276	Scale		0	Yellow	4718
ES0413	2	4339	Mountain whitefish	333	376	Scale		0	Yellow	4717
ES0413	2	4338	Mountain whitefish	292	234	Scale		0		
ES0413	2	4337	Mountain whitefish	220	106	Scale	3	0		
ES0413	2	4335	Mountain whitefish	365	486	Scale	7	5	Yellow	4715
ES0413	2	4334	Mountain whitefish	367	424	Scale		0	Yellow	4714
ES0413	2	4333	Mountain whitefish	378	526	Scale		0	Yellow	4713
ES0413	2	4343	Mountain whitefish	258	164	Scale		0	Yellow	4721
ES0413	2	4332	Mountain whitefish	316	396	Scale		0	Yellow	4712
ES0413	2	4336	Mountain whitefish	266	216	Scale		0	Yellow	4716
ES0413	3	7258	Arctic grayling	174	58	Scale	1	0		
ES0413	3	7246	Largescale sucker	496	1572			0		

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0413	3	7256	Longnose sucker	253	176			0		
ES0413	3	7260	Longnose sucker	159	36			0		
ES0413	3	7259	Longnose sucker	173	52			0		
ES0413	3	7254	Longnose sucker	261	228			0		
ES0413	3	7252	Mountain whitefish	384	626	Scale		0	Yellow	6468
ES0413	3	7247	Mountain whitefish	364	496	Scale		0	Yellow	6464
ES0413	3	7249	Mountain whitefish	357				2	Yellow	3506
ES0413	3	7261	Mountain whitefish	161	48	Scale		0		
ES0413	3	7245	Mountain whitefish	82	4	Scale		0		
ES0413	3	7257	Mountain whitefish	253	182	Scale		0	Yellow	6470
ES0413	3	7253	Mountain whitefish	328	394	Scale		0	Yellow	6469
ES0413	3	7248	Mountain whitefish	397	702	Scale		0	Yellow	6465
ES0413	3	7250	Mountain whitefish	280	240	Scale		0	Yellow	6466
ES0413	3	7251	Mountain whitefish	316	326	Scale		0	Yellow	6467
ES0413	3	7255	Northern pikeminnow	304	356			0		
ES0413	4	9594	Bull trout	435	780	Scale	5	0	Yellow	7869
ES0413	4	9571	Longnose sucker	465	1330			0		
ES0413	4	9576	Longnose sucker	396	766			0		
ES0413	4	9575	Longnose sucker	366	656			0		
ES0413	4	9574	Longnose sucker	390	740			0		
ES0413	4	9579	Longnose sucker	388	780			0		
ES0413	4	9580	Longnose sucker	374	634			0		
ES0413	4	9572	Longnose sucker	340	528			0		
ES0413	4	9573	Longnose sucker	394	840			0		
ES0413	4	9578	Longnose sucker	410	828			0		
ES0413	4	9577	Longnose sucker	409	892			0		
ES0413	4	9587	Mountain whitefish	246	180	Scale		0		
ES0413	4	9590	Mountain whitefish	270	220	Scale		0	Yellow	7867
ES0413	4	9582	Mountain whitefish	475	1040			2	Yellow	7792
ES0413	4	9583	Mountain whitefish	368	526	Scale	7	0	Yellow	7862
ES0413	4	9584	Mountain whitefish	385	652	Scale		0	Yellow	7863
ES0413	4	9586	Mountain whitefish	455	794	Scale		0	Yellow	7865
ES0413	4	9589	Mountain whitefish	336	360	Scale		0	Yellow	7866
ES0413	4	9591	Mountain whitefish	341	362			2	Yellow	7598
ES0413	4	9592	Mountain whitefish	336	366	Scale		0	Yellow	7868
ES0413	4	9593	Mountain whitefish	245	154	Scale		0		
ES0413	4	9588	Mountain whitefish	284	268			2	Yellow	6303
ES0413	4	9585	Mountain whitefish	344	450	Scale		0	Yellow	7864
ES0413	4	9581	Northern pikeminnow	425	998			0		
ES0413	5	11007	Mountain whitefish	397				2	Yellow	3505
ES0413	6	12995	Mountain whitefish	385				2	Yellow	6468
ES0414	1	2370	Arctic grayling	409	906	Scale	5	0	Yellow	3511
ES0414	1	2379	Longnose sucker	394	788			0		
ES0414	1	2371	Longnose sucker	392	772			0		
ES0414	1	2372	Longnose sucker	412	852			0		
ES0414	1	2378	Longnose sucker	383	732			0		
ES0414	1	2375	Longnose sucker	378	662			0		
ES0414	1	2373	Longnose sucker	375	642			0		
ES0414	1	2376	Longnose sucker	355	543			0		
ES0414	1	2374	Longnose sucker	402	832			0		
ES0414	1	2377	Longnose sucker	375	610			0		
ES0414	1	2388	Mountain whitefish	412	672	Scale		0	Yellow	3517
ES0414	1	2395	Mountain whitefish	365	424	Scale		0	Yellow	3522
ES0414	1	2402	Mountain whitefish	283	240	Scale		0	Yellow	3529
ES0414	1	2397	Mountain whitefish	350	444	Scale		0	Yellow	3525
ES0414	1	2398	Mountain whitefish	255	174	Scale		0	Yellow	3523
ES0414	1	2399	Mountain whitefish	360	432	Scale		0	Yellow	3526
ES0414	1	2400	Mountain whitefish	323	364	Scale		0	Yellow	3527
ES0414	1	2401	Mountain whitefish	305	284	Scale		0	Yellow	3528
ES0414	1	2381	Mountain whitefish	366	518	Scale		0	Yellow	3512
ES0414	1	2391	Mountain whitefish	352	350	Scale		2	Yellow	568
ES0414	1	2407	Mountain whitefish	295	264	Scale		0	Yellow	3533
ES0414	1	2385	Mountain whitefish	290	266	Scale		0	Yellow	3514
ES0414	1	2394	Mountain whitefish	198	60	Scale		0		
ES0414	1	2393	Mountain whitefish	392	614	Scale		0	Yellow	3521
ES0414	1	2392	Mountain whitefish	361	422	Scale		0	Yellow	3520
ES0414	1	2390	Mountain whitefish	345	450	Scale	6	0	Yellow	3519
ES0414	1	2396	Mountain whitefish	323	376	Scale		0	Yellow	3524
ES0414	1	2389	Mountain whitefish	352	432	Scale		0	Yellow	3518



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 4										
ES0414	1	2384	Mountain whitefish	390	554	Scale		2	Yellow	1662
ES0414	1	2383	Mountain whitefish	401	604	Scale		0		
ES0414	1	2386	Mountain whitefish	404	668	Scale		0	Yellow	3515
ES0414	1	2382	Mountain whitefish	285		Scale		0	Yellow	3513
ES0414	1	2403	Mountain whitefish	366	464	Scale		0	Yellow	3530
ES0414	1	2405	Mountain whitefish	328	350	Scale		0	Yellow	3531
ES0414	1	2411	Mountain whitefish	179	60	Scale		0		
ES0414	1	2410	Mountain whitefish	293	252	Scale		0	Yellow	3535
ES0414	1	2409	Mountain whitefish	319	324	Scale		0	Yellow	3534
ES0414	1	2408	Mountain whitefish	188	66	Scale		0		
ES0414	1	2387	Mountain whitefish	435	822	Scale		5	Yellow	3516
ES0414	1	2406	Mountain whitefish	349	418	Scale		0	Yellow	3532
ES0414	1	2404	Mountain whitefish	238	146	Scale		0		
ES0414	1	2380	Rainbow trout	351	450			0		
ES0414	2	4192	Largescale sucker	528				0		
ES0414	2	4170	Largescale sucker	451	1220			0		
ES0414	2	4228	Longnose sucker	428	1020			0		
ES0414	2	4230	Longnose sucker	350	520			0		
ES0414	2	4209	Longnose sucker	390	792			0		
ES0414	2	4212	Longnose sucker	384	772			0		
ES0414	2	4193	Longnose sucker	363	580			0		
ES0414	2	4171	Longnose sucker	448	1096			0		
ES0414	2	4227	Longnose sucker	397	768			0		
ES0414	2	4225	Longnose sucker	400	714			0		
ES0414	2	4226	Longnose sucker	408	790			0		
ES0414	2	4229	Longnose sucker	396	748			0		
ES0414	2	4173	Longnose sucker	450	1040			0		
ES0414	2	4172	Longnose sucker	416	972			0		
ES0414	2	4211	Mountain whitefish	339	398	Scale		0	Yellow	4652
ES0414	2	4239	Mountain whitefish	294	260	Scale		1		
ES0414	2	4204	Mountain whitefish	281	214	Scale		0	Yellow	4647
ES0414	2	4203	Mountain whitefish	236	120	Scale		0		
ES0414	2	4202	Mountain whitefish	300	276	Scale		0	Yellow	4646
ES0414	2	4175	Mountain whitefish	434	856	Scale		0	Yellow	4624
ES0414	2	4213	Mountain whitefish	294	242	Scale	3	0	Yellow	4653
ES0414	2	4174	Mountain whitefish	416	764	Scale		0	Yellow	4623
ES0414	2	4187	Mountain whitefish	398	586			2	Yellow	1664
ES0414	2	4214	Mountain whitefish	337	406	Scale		0	Yellow	4654
ES0414	2	4236	Mountain whitefish	249	154	Scale		0		
ES0414	2	4201	Mountain whitefish	319	316	Scale		0	Yellow	4645
ES0414	2	4210	Mountain whitefish	333	376	Scale		0	Yellow	4651
ES0414	2	4220	Mountain whitefish	374	488	Scale		0	Yellow	4660
ES0414	2	4221	Mountain whitefish	283	220			2	Yellow	557
ES0414	2	4222	Mountain whitefish	327	352	Scale		0	Yellow	4661
ES0414	2	4223	Mountain whitefish	294	236	Scale		0	Yellow	4662
ES0414	2	4224	Mountain whitefish	288	234	Scale		0	Yellow	4663
ES0414	2	4167	Mountain whitefish	365	512			2	Yellow	3512
ES0414	2	4168	Mountain whitefish	405	688	Scale		0	Yellow	4621
ES0414	2	4169	Mountain whitefish	332	388	Scale		0	Yellow	4622
ES0414	2	4215	Mountain whitefish	362	488	Scale		0	Yellow	4655
ES0414	2	4216	Mountain whitefish	280	216	Scale		0	Yellow	4656
ES0414	2	4238	Mountain whitefish	193	70	Scale	2	1		
ES0414	2	4180	Mountain whitefish	341	378	Scale		0	Yellow	4628
ES0414	2	4179	Mountain whitefish	340	366	Scale		0	Yellow	4627
ES0414	2	4231	Mountain whitefish	236	124	Scale		0		
ES0414	2	4232	Mountain whitefish	270	192	Scale		0		
ES0414	2	4233	Mountain whitefish	253	176	Scale		0		
ES0414	2	4234	Mountain whitefish	192	70	Scale		0		
ES0414	2	4165	Mountain whitefish	445	840	Scale		0	Yellow	4618
ES0414	2	4235	Mountain whitefish	340	400	Scale		1		
ES0414	2	4164	Mountain whitefish	403	566	Scale		0	Yellow	4617
ES0414	2	4184	Mountain whitefish	373	470	Scale		0	Yellow	4633
ES0414	2	4205	Mountain whitefish	305	308	Scale		0	Yellow	4648
ES0414	2	4166	Mountain whitefish	398	663	Scale		0	Yellow	4620
ES0414	2	4206	Mountain whitefish	318	308	Scale		0	Yellow	4649
ES0414	2	4240	Mountain whitefish	235	120	Scale		1		
ES0414	2	4195	Mountain whitefish	343	386	Scale		0	Yellow	4639
ES0414	2	4241	Mountain whitefish	269	200	Scale		1		
ES0414	2	4177	Mountain whitefish	391	547	Scale		0	Yellow	4618

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag	
									Colour	Number
Section 4										
ES0414	2	4237	Mountain whitefish	303	258	Scale		1		
ES0414	2	4208	Mountain whitefish	300	258	Scale		0	Yellow	4631
ES0414	2	4185	Mountain whitefish	362	428	Scale		0	Yellow	4634
ES0414	2	4218	Mountain whitefish	291	234	Scale		0	Yellow	4658
ES0414	2	4176	Mountain whitefish	380	508	Scale		0	Yellow	4625
ES0414	2	4181	Mountain whitefish	367	414	Scale		0	Yellow	4629
ES0414	2	4178	Mountain whitefish	395	608	Scale		0	Yellow	4626
ES0414	2	4197	Mountain whitefish	334	372	Scale		0	Yellow	4641
ES0414	2	4217	Mountain whitefish	299	268	Scale		0	Yellow	4657
ES0414	2	4200	Mountain whitefish	367	512	Scale		0	Yellow	4644
ES0414	2	4207	Mountain whitefish	307	292	Scale		0	Yellow	4650
ES0414	2	4219	Mountain whitefish	434	738	Scale		0	Yellow	4659
ES0414	2	4163	Mountain whitefish	423	786	Scale		0	Yellow	4616
ES0414	2	4161	Mountain whitefish	473	1114	Scale		0	Yellow	4615
ES0414	2	4186	Mountain whitefish	347	408	Scale		0	Yellow	4635
ES0414	2	4188	Mountain whitefish	284	244			2	Yellow	3529
ES0414	2	4196	Mountain whitefish	369	516	Scale		0	Yellow	4640
ES0414	2	4199	Mountain whitefish	288	228	Scale		0	Yellow	4643
ES0414	2	4162	Mountain whitefish	413	680			2	Yellow	3517
ES0414	2	4182	Mountain whitefish	355	434	Scale		0	Yellow	4630
ES0414	2	4189	Mountain whitefish	372	518	Scale		0	Yellow	4636
ES0414	2	4183	Mountain whitefish	343	506	Scale		0	Yellow	4632
ES0414	2	4194	Mountain whitefish	329	364			2	Yellow	1675
ES0414	2	4191	Mountain whitefish	350	432	Scale		0	Yellow	4638
ES0414	2	4190	Mountain whitefish	290	226	Scale		0	Yellow	4637
ES0414	2	4198	Mountain whitefish	318	298	Scale		0	Yellow	4642
ES0414	3	7386	Bull trout	396	570			2	Yellow	585
ES0414	3	7360	Longnose sucker	432	890			0		
ES0414	3	7375	Longnose sucker	351	544			0		
ES0414	3	7363	Longnose sucker	278	146			0		
ES0414	3	7377	Longnose sucker	366	666			0		
ES0414	3	7372	Longnose sucker	354	618			0		
ES0414	3	7376	Longnose sucker	365	730			0		
ES0414	3	7361	Longnose sucker	408	858			0		
ES0414	3	7370	Longnose sucker	330	450			0		
ES0414	3	7367	Longnose sucker	383	778			0		
ES0414	3	7368	Longnose sucker	393	812			0		
ES0414	3	7385	Mountain whitefish	297	260	Scale		0	Yellow	6536
ES0414	3	7384	Mountain whitefish	382	486	Scale		0	Yellow	6535
ES0414	3	7383	Mountain whitefish	340	372	Scale		0	Yellow	6533
ES0414	3	7415	Mountain whitefish	294	292	Scale		0	Yellow	6560
ES0414	3	7411	Mountain whitefish	295	294	Scale		0	Yellow	6556
ES0414	3	7390	Mountain whitefish	161	40	Scale		0		
ES0414	3	7416	Mountain whitefish	275	202	Scale		0	Yellow	6561
ES0414	3	7421	Mountain whitefish	230	124	Scale		0		
ES0414	3	7420	Mountain whitefish	292	250	Scale		0	Yellow	6564
ES0414	3	7419	Mountain whitefish	143	30	Scale		0		
ES0414	3	7418	Mountain whitefish	255	176	Scale		0	Yellow	6563
ES0414	3	7392	Mountain whitefish	296	274	Scale	4	0	Yellow	6540
ES0414	3	7388	Mountain whitefish	357	490	Scale		0	Yellow	6537
ES0414	3	7389	Mountain whitefish	354	416	Scale		0	Yellow	6538
ES0414	3	7402	Mountain whitefish	275	236	Scale		0	Yellow	6550
ES0414	3	7391	Mountain whitefish	342	412	Scale		0	Yellow	6539
ES0414	3	7401	Mountain whitefish	352	374	Scale		0	Yellow	6549
ES0414	3	7393	Mountain whitefish	355	450	Scale		0	Yellow	6541
ES0414	3	7417	Mountain whitefish	288	250	Scale		0	Yellow	6562
ES0414	3	7394	Mountain whitefish	362	474	Scale		0	Yellow	6542
ES0414	3	7395	Mountain whitefish	319	274	Scale		0	Yellow	6543
ES0414	3	7396	Mountain whitefish	264	194	Scale		0	Yellow	6544
ES0414	3	7397	Mountain whitefish	322	332	Scale		0	Yellow	6545
ES0414	3	7398	Mountain whitefish	314	342	Scale		0	Yellow	6546
ES0414	3	7399	Mountain whitefish	336	360	Scale		0	Yellow	6548
ES0414	3	7381	Mountain whitefish	343	402	Scale		0	Yellow	6531
ES0414	3	7387	Mountain whitefish	303	374	Scale		0		
ES0414	3	7373	Mountain whitefish	340	428	Scale		0	Yellow	6527
ES0414	3	7414	Mountain whitefish	276	202	Scale		0	Yellow	6559
ES0414	3	7352	Mountain whitefish	442	846	Scale		0	Yellow	6518
ES0414	3	7374	Mountain whitefish	330	314	Scale		0	Yellow	6528
ES0414	3	7359	Mountain whitefish	404	640	Scale		0	Yellow	6524

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0414	3	7350	Mountain whitefish	367				2	Yellow	4636
ES0414	3	7369	Mountain whitefish	314		Scale		0	Yellow	6526
ES0414	3	7354	Mountain whitefish	375	516	Scale		0	Yellow	6520
ES0414	3	7378	Mountain whitefish	371	544	Scale		0	Yellow	6529
ES0414	3	7353	Mountain whitefish	414	717	Scale		0	Yellow	6519
ES0414	3	7358	Mountain whitefish	355				2	Yellow	3520
ES0414	3	7366	Mountain whitefish	393	560	Scale		0	Yellow	6521
ES0414	3	7365	Mountain whitefish	398	602	Scale		0	Yellow	6523
ES0414	3	7364	Mountain whitefish	345	420	Scale		2	Yellow	582
ES0414	3	7362	Mountain whitefish	332	398	Scale		0	Yellow	6525
ES0414	3	7371	Mountain whitefish	282	220	Scale		2	Yellow	557
ES0414	3	7379	Mountain whitefish	349	400	Scale		0		
ES0414	3	7406	Mountain whitefish	338	422	Scale		0	Yellow	6552
ES0414	3	7400	Mountain whitefish	231	144	Scale		0		
ES0414	3	7412	Mountain whitefish	295	268	Scale		0	Yellow	6557
ES0414	3	7380	Mountain whitefish	364		Scale	7	0	Yellow	6530
ES0414	3	7410	Mountain whitefish	280	226	Scale		0	Yellow	6555
ES0414	3	7409	Mountain whitefish	313	292	Scale		0	Yellow	6554
ES0414	3	7351	Mountain whitefish	313				2	Yellow	4642
ES0414	3	7407	Mountain whitefish	244	138	Scale		0		
ES0414	3	7355	Mountain whitefish	435				2	Yellow	4624
ES0414	3	7405	Mountain whitefish	322	396	Scale		0	Yellow	6551
ES0414	3	7404	Mountain whitefish	337	430	Scale		0	Yellow	6534
ES0414	3	7403	Mountain whitefish	347	418	Scale		0	Yellow	6547
ES0414	3	7413	Mountain whitefish	274	216	Scale		0	Yellow	6558
ES0414	3	7382	Mountain whitefish	347	466	Scale	6	0	Yellow	6532
ES0414	3	7357	Mountain whitefish	416	660	Scale		0	Yellow	6522
ES0414	3	7356	Mountain whitefish	396				2	Yellow	3515
ES0414	3	7408	Mountain whitefish	307	302	Scale		0	Yellow	6553
ES0414	4	9363	Arctic grayling	411	944			2	Yellow	6498
ES0414	4	9360	Bull trout	480	1406	Fin Ray	5	0	Yellow	7764
ES0414	4	9357	Largescale sucker	422	920			0		
ES0414	4	9370	Longnose sucker	381	650			0		
ES0414	4	9353	Longnose sucker	444	1004			0		
ES0414	4	9358	Longnose sucker	425	950			0		
ES0414	4	9359	Longnose sucker	408	886			0		
ES0414	4	9369	Longnose sucker	377	712			0		
ES0414	4	9397	Mountain whitefish	275	224	Scale		0	Yellow	7787
ES0414	4	9398	Mountain whitefish	265	186	Scale		0	Yellow	7788
ES0414	4	9389	Mountain whitefish	320	324	Scale		0	Yellow	7780
ES0414	4	9383	Mountain whitefish	280	226	Scale		0	Yellow	7775
ES0414	4	9387	Mountain whitefish	352	462	Scale		0	Yellow	7778
ES0414	4	9380	Mountain whitefish	391	512	Scale		0	Yellow	7773
ES0414	4	9388	Mountain whitefish	348	462	Scale		0	Yellow	7779
ES0414	4	9364	Mountain whitefish	363	444	Scale		0	Yellow	7765
ES0414	4	9396	Mountain whitefish	334	352	Scale		0	Yellow	7786
ES0414	4	9395	Mountain whitefish	267	204	Scale		0	Yellow	7785
ES0414	4	9394	Mountain whitefish	330	396	Scale		0	Yellow	7784
ES0414	4	9367	Mountain whitefish	362	468			2	Yellow	4634
ES0414	4	9392	Mountain whitefish	290	258	Scale	3	0	Yellow	7783
ES0414	4	9365	Mountain whitefish	288	234	Scale		0	Yellow	7766
ES0414	4	9390	Mountain whitefish	280	226	Scale		0	Yellow	7781
ES0414	4	9384	Mountain whitefish	248	200	Scale		0		
ES0414	4	9386	Mountain whitefish	318	342	Scale		0	Yellow	7777
ES0414	4	9399	Mountain whitefish	274	222	Scale		0	Yellow	7789
ES0414	4	9382	Mountain whitefish	305	298	Scale		0	Yellow	7774
ES0414	4	9385	Mountain whitefish	392	556	Scale		0	Yellow	7776
ES0414	4	9366	Mountain whitefish	354	438			2	Yellow	4630
ES0414	4	9391	Mountain whitefish	345	428	Scale	7	0	Yellow	7782
ES0414	4	9381	Mountain whitefish	275	224			2	Yellow	3084
ES0414	4	9393	Mountain whitefish	164	44	Scale		0		
ES0414	4	9354	Mountain whitefish	345	404	Scale		0	Yellow	7762
ES0414	4	9352	Mountain whitefish	297	272			2	Yellow	6540
ES0414	4	9356	Mountain whitefish	275	260			2	Yellow	579
ES0414	4	9355	Mountain whitefish	330	408	Scale		0	Yellow	7763
ES0414	4	9361	Mountain whitefish	360	494			2	Yellow	4655
ES0414	4	9362	Mountain whitefish	339	420			2	Yellow	6552
ES0414	4	9372	Mountain whitefish	422	740	Scale		0	Yellow	7768
ES0414	4	9379	Mountain whitefish	286	232	Scale		0	Yellow	7772

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0414	4	9368	Mountain whitefish	286	228	Scale		0	Yellow	7767
ES0414	4	9378	Mountain whitefish	167	48	Scale		0		
ES0414	4	9377	Mountain whitefish	330	360	Scale		0	Yellow	7771
ES0414	4	9375	Mountain whitefish	337	372	Scale		0	Yellow	7769
ES0414	4	9374	Mountain whitefish	292	264			2	Yellow	3514
ES0414	4	9371	Mountain whitefish	306	278			2	Yellow	4699
ES0414	4	9373	Mountain whitefish	335	400			2	Yellow	4652
ES0414	4	9376	Mountain whitefish	325	336	Scale		0	Yellow	7770
ES0414	5	10927	Bull trout	621	2900			0		17995
ES0414	5	10951	Mountain whitefish	294				2	Yellow	3514
ES0414	5	10948	Mountain whitefish	320				2	Yellow	2349
ES0414	5	10950	Mountain whitefish	269				2	Yellow	6544
ES0414	5	10949	Mountain whitefish	345				2	Yellow	3519
ES0414	6	12889	Arctic grayling	366	610	Scale	3	0	Yellow	7910
ES0414	6	12888	Arctic grayling	190	84	Scale	1	0		
ES0414	6	12944	Mountain whitefish	340				2	Yellow	6552
ES0414	6	12947	Mountain whitefish	375				2	Yellow	1663
ES0414	6	12948	Mountain whitefish	296				2	Yellow	6564
ES0414	6	12946	Mountain whitefish	344				2	Yellow	7782
ES0414	6	12945	Mountain whitefish	367				2	Yellow	7765
ES0415	1	2414	Bull trout	418	708	Fin Ray	4	0	Yellow	3536
ES0415	1	2413	Longnose sucker	366	584			0		
ES0415	1	2412	Longnose sucker	351	530			0		
ES0415	1	2426	Mountain whitefish	346	410	Scale		0	Yellow	3547
ES0415	1	2425	Mountain whitefish	273	220	Scale		0	Yellow	3546
ES0415	1	2418	Mountain whitefish	264	200	Scale		0	Yellow	3539
ES0415	1	2427	Mountain whitefish	207	86	Scale		0		
ES0415	1	2419	Mountain whitefish	356	480	Scale		0	Yellow	3540
ES0415	1	2420	Mountain whitefish	306	272	Scale		0	Yellow	3541
ES0415	1	2421	Mountain whitefish	280	236	Scale		0	Yellow	3542
ES0415	1	2422	Mountain whitefish	372	450	Scale		0	Yellow	3543
ES0415	1	2423	Mountain whitefish	383	550	Scale		0	Yellow	3544
ES0415	1	2436	Mountain whitefish	239	154	Scale		0		
ES0415	1	2416	Mountain whitefish	407	626	Scale	8	0	Yellow	3537
ES0415	1	2417	Mountain whitefish	416	672	Scale		0	Yellow	3538
ES0415	1	2415	Mountain whitefish	268	186	Scale		2	Yellow	576
ES0415	1	2428	Mountain whitefish	226	120	Scale		0		
ES0415	1	2429	Mountain whitefish	230	120	Scale		0		
ES0415	1	2430	Mountain whitefish	197	70	Scale		0		
ES0415	1	2431	Mountain whitefish	213	86	Scale		0		
ES0415	1	2432	Mountain whitefish	148	34	Scale		0		
ES0415	1	2433	Mountain whitefish	153	36	Scale		0		
ES0415	1	2434	Mountain whitefish	212	92	Scale	3	0		
ES0415	1	2435	Mountain whitefish	138	30	Scale	1	0		
ES0415	1	2424	Mountain whitefish	302	262	Scale		0	Yellow	3545
ES0415	2	4267	Arctic grayling	391	754	Scale	5	0	Yellow	4679
ES0415	2	4273	Largescale sucker	451	1082			0		
ES0415	2	4294	Longnose sucker	363	642			0		
ES0415	2	4271	Longnose sucker	377	730			0		
ES0415	2	4268	Longnose sucker	411	876			0		
ES0415	2	4270	Longnose sucker	448	1120			0		
ES0415	2	4274	Longnose sucker	427	908			0		
ES0415	2	4269	Longnose sucker	417	912			0		
ES0415	2	4296	Mountain whitefish	275	188	Scale		0	Yellow	4698
ES0415	2	4284	Mountain whitefish	423	786	Scale		0	Yellow	4689
ES0415	2	4282	Mountain whitefish	373	528	Scale		0	Yellow	4687
ES0415	2	4281	Mountain whitefish	351	434	Scale		0	Yellow	4686
ES0415	2	4280	Mountain whitefish	285	252	Scale		0	Yellow	4685
ES0415	2	4279	Mountain whitefish	413	632	Scale		0	Yellow	4684
ES0415	2	4287	Mountain whitefish	360	488	Scale		0	Yellow	4690
ES0415	2	4291	Mountain whitefish	287	238	Scale		0	Yellow	4694
ES0415	2	4297	Mountain whitefish	305	288	Scale		0	Yellow	4699
ES0415	2	4285	Mountain whitefish	300	272			2	Yellow	3255
ES0415	2	4289	Mountain whitefish	324	394	Scale		0	Yellow	4692
ES0415	2	4309	Mountain whitefish	278	224	Scale		0	Yellow	4709
ES0415	2	4295	Mountain whitefish	344	360	Scale		0	Yellow	4697
ES0415	2	4310	Mountain whitefish	225	118	Scale		0		
ES0415	2	4301	Mountain whitefish	254	176	Scale		0	Yellow	4703
ES0415	2	4292	Mountain whitefish	375	472	Scale		5	Yellow	4695

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0415	2	4293	Mountain whitefish	351	412	Scale		0	Yellow	4696
ES0415	2	4278	Mountain whitefish	345	376	Scale		0	Yellow	4683
ES0415	2	4306	Mountain whitefish	189	66	Scale		0		
ES0415	2	4272	Mountain whitefish	431	728	Scale		0	Yellow	4680
ES0415	2	4302	Mountain whitefish	333	358	Scale		0	Yellow	4704
ES0415	2	4300	Mountain whitefish	352	438	Scale		0	Yellow	4702
ES0415	2	4290	Mountain whitefish	364	456	Scale		0	Yellow	4693
ES0415	2	4283	Mountain whitefish	299	318	Scale		0	Yellow	4688
ES0415	2	4298	Mountain whitefish	319	326	Scale		0	Yellow	4700
ES0415	2	4304	Mountain whitefish	325	344	Scale		0	Yellow	4707
ES0415	2	4303	Mountain whitefish	327	354	Scale		0	Yellow	4705
ES0415	2	4305	Mountain whitefish	224	120	Scale		0		
ES0415	2	4276	Mountain whitefish	381	538	Scale		0	Yellow	4681
ES0415	2	4275	Mountain whitefish	320	320			2	Yellow	535
ES0415	2	4277	Mountain whitefish	293	256	Scale		0	Yellow	4682
ES0415	2	4288	Mountain whitefish	295	280	Scale		0	Yellow	4691
ES0415	2	4299	Mountain whitefish	311	348	Scale		0	Yellow	4701
ES0415	2	4307	Mountain whitefish	198	78	Scale		0		
ES0415	2	4286	Mountain whitefish	342	406			2	Yellow	3547
ES0415	2	4308	Mountain whitefish	291	266	Scale		0	Yellow	4708
ES0415	3	7310	Arctic grayling	417	952	Scale	4	0	Yellow	6498
ES0415	3	7288	Arctic grayling	258	214	Scale	2	0	Yellow	6487
ES0415	3	7279	Arctic grayling	262	248	Scale	2	0	Yellow	6481
ES0415	3	7299	Bull trout	303	266	Fin Ray	3	0	Yellow	6495
ES0415	3	7296	Mountain whitefish	350	416	Scale		0	Yellow	6493
ES0415	3	7265	Mountain whitefish	328	384	Scale		0	Yellow	6472
ES0415	3	7267	Mountain whitefish	406	652	Scale		0	Yellow	6474
ES0415	3	7263	Mountain whitefish	287				2	Yellow	3090
ES0415	3	7264	Mountain whitefish	297	312	Scale		0	Yellow	6471
ES0415	3	7277	Mountain whitefish	250	188	Scale		0	Yellow	6480
ES0415	3	7266	Mountain whitefish	394	612	Scale		0	Yellow	6473
ES0415	3	7276	Mountain whitefish	289	238	Scale		0	Yellow	6479
ES0415	3	7268	Mountain whitefish	350				2	Yellow	3549
ES0415	3	7269	Mountain whitefish	432	814	Scale		0	Yellow	6475
ES0415	3	7270	Mountain whitefish	354				2	Yellow	4686
ES0415	3	7271	Mountain whitefish	374	464	Scale		0	Yellow	6476
ES0415	3	7272	Mountain whitefish	244	164	Scale		0		
ES0415	3	7286	Mountain whitefish	227	130	Scale		0		
ES0415	3	7294	Mountain whitefish	261	206	Scale		0	Yellow	6491
ES0415	3	7273	Mountain whitefish	375	500	Scale		0	Yellow	6477
ES0415	3	7298	Mountain whitefish	265	182	Scale		0	Yellow	6494
ES0415	3	7305	Mountain whitefish	250	146	Scale		0	Yellow	6497
ES0415	3	7301	Mountain whitefish	150	32	Scale		0		
ES0415	3	7300	Mountain whitefish	152	32	Scale		0		
ES0415	3	7302	Mountain whitefish	225	114	Scale		0		
ES0415	3	7303	Mountain whitefish	270	194	Scale		0	Yellow	6496
ES0415	3	7304	Mountain whitefish	179	50	Scale		0		
ES0415	3	7306	Mountain whitefish	270				2	Yellow	544
ES0415	3	7307	Mountain whitefish	223	110	Scale		0		
ES0415	3	7308	Mountain whitefish	210	88	Scale		0		
ES0415	3	7309	Mountain whitefish	205	98	Scale		0		
ES0415	3	7274	Mountain whitefish	275	216	Scale		2	Yellow	572
ES0415	3	7282	Mountain whitefish	354	462	Scale		0	Yellow	6484
ES0415	3	7262	Mountain whitefish	307				2	Yellow	4699
ES0415	3	7278	Mountain whitefish	246	152	Scale		0		
ES0415	3	7280	Mountain whitefish	327	388	Scale		0	Yellow	6482
ES0415	3	7295	Mountain whitefish	357	430	Scale		0	Yellow	6492
ES0415	3	7281	Mountain whitefish	398	578	Scale		0	Yellow	6483
ES0415	3	7283	Mountain whitefish	294	282	Scale		0	Yellow	6485
ES0415	3	7284	Mountain whitefish	267	202	Scale		0	Yellow	6486
ES0415	3	7285	Mountain whitefish	239	142	Scale		0		
ES0415	3	7287	Mountain whitefish	236	142	Scale		0		
ES0415	3	7275	Mountain whitefish	314	278	Scale		0	Yellow	6478
ES0415	3	7289	Mountain whitefish	347	420	Scale		0	Yellow	6488
ES0415	3	7290	Mountain whitefish	257	168	Scale		0	Yellow	6489
ES0415	3	7291	Mountain whitefish	366				2	Yellow	3530
ES0415	3	7292	Mountain whitefish	215	100	Scale		0		
ES0415	3	7297	Mountain whitefish	254				2	Yellow	4703
ES0415	3	7293	Mountain whitefish	270	210	Scale		0	Yellow	6490



**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0415	4	9400	Arctic grayling	390	790	Scale	5	0	Yellow	7790
ES0415	4	9406	Longnose sucker	388	692			0		
ES0415	4	9407	Longnose sucker	405	864			0		
ES0415	4	9402	Longnose sucker	414	942			0		
ES0415	4	9409	Longnose sucker	388	636			0		
ES0415	4	9414	Longnose sucker	387	790			0		
ES0415	4	9401	Longnose sucker	445	982			0		
ES0415	4	9403	Longnose sucker	401	838			0		
ES0415	4	9404	Longnose sucker	413	800			0		
ES0415	4	9405	Longnose sucker	385	722			0		
ES0415	4	9410	Longnose sucker	377	712			0		
ES0415	4	9411	Longnose sucker	412	920			0		
ES0415	4	9413	Longnose sucker	389	710			0		
ES0415	4	9415	Longnose sucker	394	860			0		
ES0415	4	9412	Longnose sucker	414	952			0		
ES0415	4	9408	Longnose sucker	380	608			0		
ES0415	4	9438	Mountain whitefish	336	440	Scale		0	Yellow	7804
ES0415	4	9416	Mountain whitefish	354	452			2	Yellow	7749
ES0415	4	9447	Mountain whitefish	225	120	Scale		0		
ES0415	4	9446	Mountain whitefish	184	58	Scale	2	0		
ES0415	4	9433	Mountain whitefish	148	32	Scale		0		
ES0415	4	9444	Mountain whitefish	282	226	Scale		0	Yellow	7809
ES0415	4	9430	Mountain whitefish	334	352	Scale		0	Yellow	7798
ES0415	4	9442	Mountain whitefish	305	288	Scale		0	Yellow	7808
ES0415	4	9441	Mountain whitefish	319	318	Scale		0	Yellow	7807
ES0415	4	9436	Mountain whitefish	375	464	Scale		0	Yellow	7803
ES0415	4	9439	Mountain whitefish	336	384	Scale		0	Yellow	7805
ES0415	4	9437	Mountain whitefish	281	220			2	Yellow	572
ES0415	4	9432	Mountain whitefish	305	280	Scale		0	Yellow	7800
ES0415	4	9448	Mountain whitefish	253	184	Scale		0	Yellow	7811
ES0415	4	9427	Mountain whitefish	375	456			2	Yellow	6476
ES0415	4	9440	Mountain whitefish	348	414	Scale		0	Yellow	7806
ES0415	4	9426	Mountain whitefish	350	358	Scale		0	Yellow	7795
ES0415	4	9449	Mountain whitefish	275	206			2	Yellow	6558
ES0415	4	9425	Mountain whitefish	300	310			2	Yellow	6471
ES0415	4	9417	Mountain whitefish	318	344	Scale		0	Yellow	7791
ES0415	4	9431	Mountain whitefish	342	402	Scale		0	Yellow	7799
ES0415	4	9429	Mountain whitefish	341	386	Scale		0	Yellow	7797
ES0415	4	9445	Mountain whitefish	284	218	Scale		0	Yellow	7810
ES0415	4	9434	Mountain whitefish	346	410	Scale		0	Yellow	7801
ES0415	4	9435	Mountain whitefish	358	424	Scale		0	Yellow	7802
ES0415	4	9424	Mountain whitefish	302	268			2	Yellow	3545
ES0415	4	9423	Mountain whitefish	333	360			2	Yellow	4704
ES0415	4	9422	Mountain whitefish	400	634	Scale	9	0	Yellow	7794
ES0415	4	9421	Mountain whitefish	342	390	Scale		0	Yellow	7793
ES0415	4	9420	Mountain whitefish	350	432	Scale		0		
ES0415	4	9419	Mountain whitefish	474	1010	Scale		0	Yellow	7792
ES0415	4	9418	Mountain whitefish	413	636			2	Yellow	4684
ES0415	4	9443	Mountain whitefish	226	108	Scale		0		
ES0415	4	9428	Mountain whitefish	420	700	Scale		0	Yellow	7796
ES0415	5	10952	Arctic grayling	265	222	Scale	2	0	Yellow	7885
ES0415	5	10953	Arctic grayling	215	114	Scale	1	0		
ES0415	5	10971	Mountain whitefish	380				2	Yellow	5955
ES0415	5	10975	Mountain whitefish	312				2	Yellow	4701
ES0415	5	10972	Mountain whitefish	405				2	Yellow	3537
ES0415	5	10973	Mountain whitefish	276				2	Yellow	6490
ES0415	5	10974	Mountain whitefish	338				2	Yellow	7793
ES0415	6	12961	Mountain whitefish	260				2	Yellow	4703
ES0415	6	12963	Mountain whitefish	386				2	Yellow	7618
ES0415	6	12960	Mountain whitefish	364				2	Yellow	4693
ES0415	6	12962	Mountain whitefish	310				2	Yellow	4701
ES0415	6	12964	Mountain whitefish	347				2	Yellow	3532
ES0416	1	2448	Bull trout	437	872	Fin Ray	5	0	Yellow	3555
ES0416	1	2441	Longnose sucker	357	614			0		
ES0416	1	2444	Longnose sucker	380	646			0		
ES0416	1	2438	Longnose sucker	392	696			0		
ES0416	1	2458	Mountain whitefish	342	376	Scale		0	Yellow	3565
ES0416	1	2464	Mountain whitefish	225	104	Scale		0		
ES0416	1	2439	Mountain whitefish	348	414	Scale	7	0	Yellow	3549

**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0416	1	2440	Mountain whitefish	358				2	Yellow	3526
ES0416	1	2454	Mountain whitefish	352	436	Scale		0	Yellow	3560
ES0416	1	2442	Mountain whitefish	393		Scale		0	Yellow	3550
ES0416	1	2443	Mountain whitefish	377	492	Scale		0	Yellow	3551
ES0416	1	2455	Mountain whitefish	372	480	Scale		0	Yellow	3562
ES0416	1	2445	Mountain whitefish	424	794	Scale		0	Yellow	3552
ES0416	1	2452	Mountain whitefish	376	578	Scale		0	Yellow	3559
ES0416	1	2447	Mountain whitefish	401	678	Scale		0	Yellow	3554
ES0416	1	2446	Mountain whitefish	438	752	Scale		0	Yellow	3553
ES0416	1	2437	Mountain whitefish	460	1012	Scale		0	Yellow	3548
ES0416	1	2449	Mountain whitefish	422	704	Scale		0	Yellow	3556
ES0416	1	2450	Mountain whitefish	432	326	Scale		0	Yellow	3557
ES0416	1	2451	Mountain whitefish	334	432	Scale		0	Yellow	3558
ES0416	1	2465	Mountain whitefish	231	140	Scale		0		
ES0416	1	2456	Mountain whitefish	312	306	Scale		0	Yellow	3563
ES0416	1	2466	Mountain whitefish	348	388	Scale		0	Yellow	3570
ES0416	1	2453	Mountain whitefish	136	24	Scale		0		
ES0416	1	2469	Mountain whitefish	316	284	Scale	3	0	Yellow	3572
ES0416	1	2459	Mountain whitefish	317	330	Scale		0	Yellow	3566
ES0416	1	2460	Mountain whitefish	191	72	Scale		0		
ES0416	1	2461	Mountain whitefish	356	458	Scale		0	Yellow	3567
ES0416	1	2462	Mountain whitefish	287	264	Scale		0	Yellow	3568
ES0416	1	2468	Mountain whitefish	152	36	Scale		0		
ES0416	1	2457	Mountain whitefish	363	355	Scale		0	Yellow	3564
ES0416	1	2467	Mountain whitefish	267	172	Scale		0	Yellow	3571
ES0416	1	2470	Mountain whitefish	145	30	Scale		0		
ES0416	1	2471	Mountain whitefish	238	126	Scale		0		
ES0416	1	2472	Mountain whitefish	348	398	Scale		0	Yellow	3573
ES0416	1	2473	Mountain whitefish	314	296	Scale		0	Yellow	3574
ES0416	1	2474	Mountain whitefish	260	180	Scale	3	0	Yellow	3575
ES0416	1	2475	Mountain whitefish	228	118	Scale		0		
ES0416	1	2476	Mountain whitefish	217	98	Scale		0		
ES0416	1	2477	Mountain whitefish	196	80	Scale		0		
ES0416	1	2463	Mountain whitefish	350	316	Scale		0	Yellow	3569
ES0416	2	4244	Longnose sucker	390	742			0		
ES0416	2	4246	Longnose sucker	384	734			0		
ES0416	2	4245	Longnose sucker	380	676			0		
ES0416	2	4242	Longnose sucker	390	738			0		
ES0416	2	4243	Longnose sucker	399	890			0		
ES0416	2	4256	Mountain whitefish	285	246	Scale		0	Yellow	4671
ES0416	2	4253	Mountain whitefish	410	620	Scale		0	Yellow	4668
ES0416	2	4264	Mountain whitefish	217	86	Scale		0		
ES0416	2	4265	Mountain whitefish	240	124	Scale		0		
ES0416	2	4263	Mountain whitefish	314	310	Scale		0	Yellow	4678
ES0416	2	4262	Mountain whitefish	327	370	Scale		0	Yellow	4677
ES0416	2	4261	Mountain whitefish	295	246	Scale		0	Yellow	4676
ES0416	2	4259	Mountain whitefish	257	422	Scale		0	Yellow	4674
ES0416	2	4260	Mountain whitefish	317	322	Scale		0	Yellow	4675
ES0416	2	4257	Mountain whitefish	296	282	Scale		0	Yellow	4672
ES0416	2	4252	Mountain whitefish	365	470	Scale		0	Yellow	4667
ES0416	2	4255	Mountain whitefish	364	486	Scale		0	Yellow	4670
ES0416	2	4249	Mountain whitefish	371	468	Scale		0	Yellow	4665
ES0416	2	4266	Mountain whitefish	226	110	Scale		0		
ES0416	2	4254	Mountain whitefish	372	522	Scale		0	Yellow	4669
ES0416	2	4247	Mountain whitefish	424	680	Scale	7	0	Yellow	4664
ES0416	2	4248	Mountain whitefish	353	430			2	Yellow	3560
ES0416	2	4250	Mountain whitefish	449	842	Scale		0	Yellow	4666
ES0416	2	4251	Mountain whitefish	230	124	Scale		0		
ES0416	2	4258	Mountain whitefish	279	236	Scale		0	Yellow	4673
ES0416	3	7338	Largescale sucker	382	728			0		
ES0416	3	7320	Longnose sucker	406	804			0		
ES0416	3	7312	Longnose sucker	466	1186			0		
ES0416	3	7317	Longnose sucker	395	790			0		
ES0416	3	7323	Longnose sucker	167	54			0		
ES0416	3	7343	Mountain whitefish	328	362	Scale		2	Yellow	1675
ES0416	3	7344	Mountain whitefish	274	210	Scale		0	Yellow	6516
ES0416	3	7345	Mountain whitefish	228	114	Scale		0		
ES0416	3	7347	Mountain whitefish	228	114	Scale		0		
ES0416	3	7318	Mountain whitefish	437				2	Yellow	3516

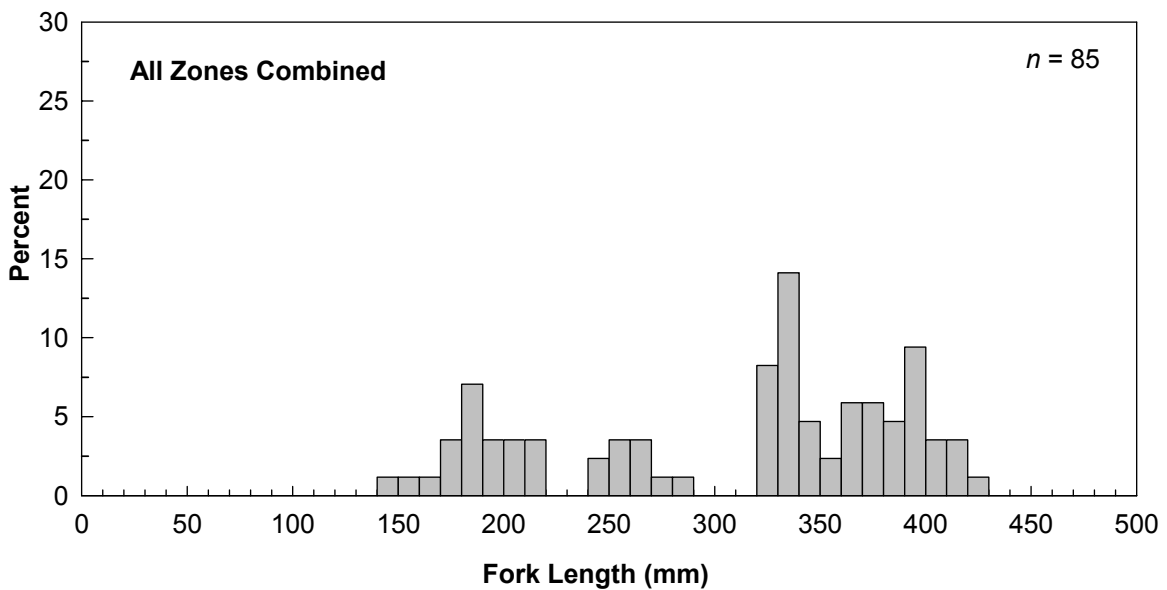
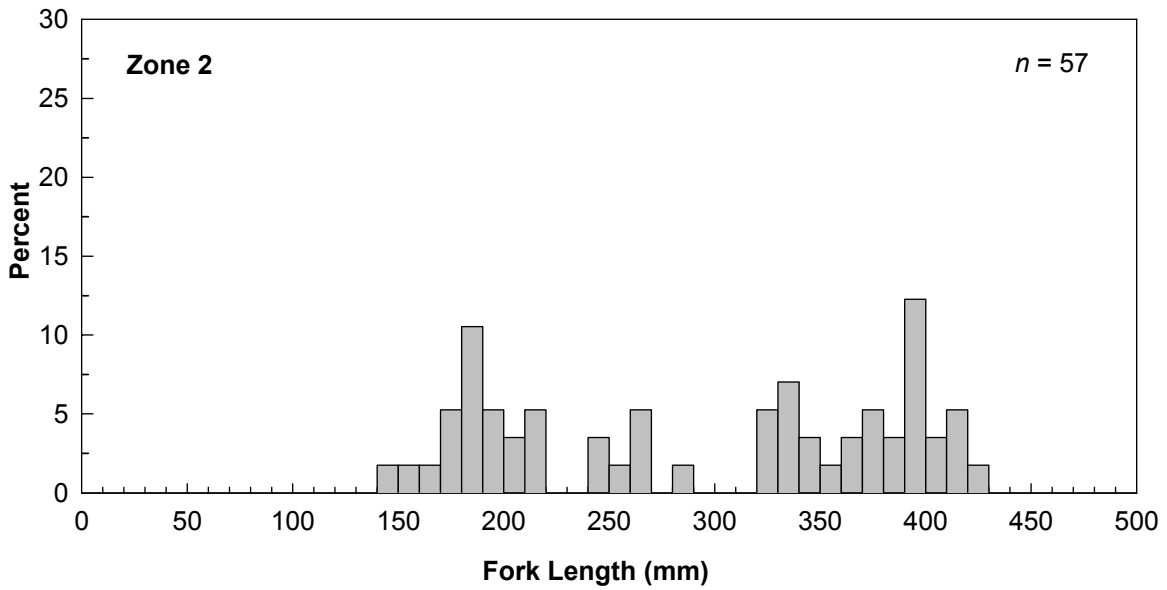
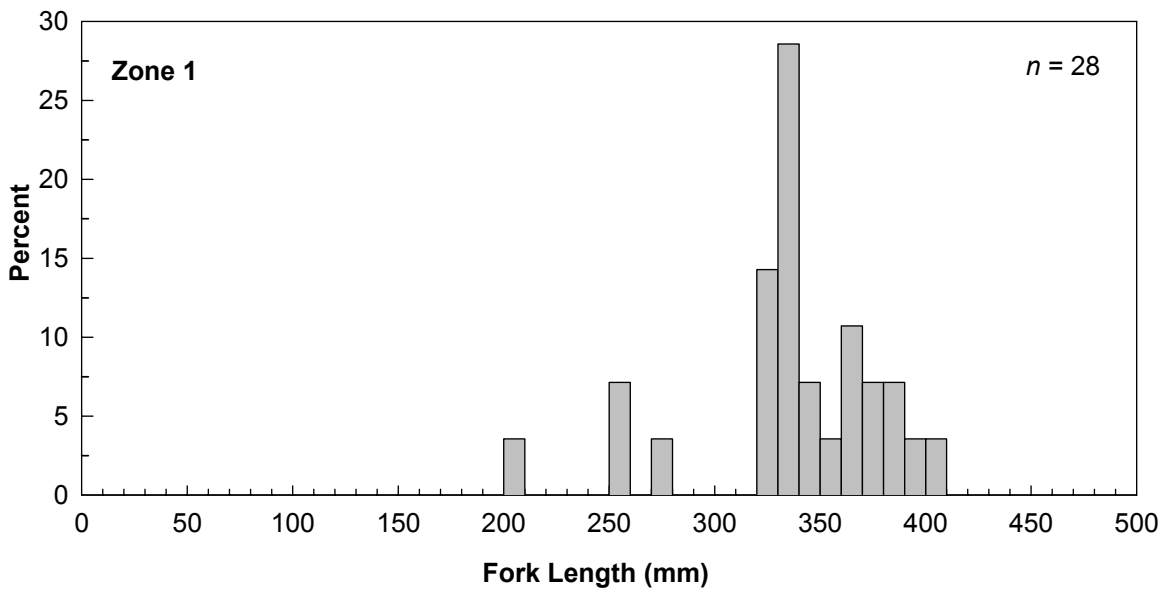
**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0416	3	7346	Mountain whitefish	231	116	Scale		0		
ES0416	3	7342	Mountain whitefish	228	114	Scale		0		
ES0416	3	7341	Mountain whitefish	372	476	Scale		0	Yellow	6515
ES0416	3	7311	Mountain whitefish	397	696	Scale		0	Yellow	6499
ES0416	3	7316	Mountain whitefish	386	550	Scale		0	Yellow	6503
ES0416	3	7349	Mountain whitefish	142	26	Scale		0		
ES0416	3	7315	Mountain whitefish	357	418	Scale		0	Yellow	6502
ES0416	3	7329	Mountain whitefish	368				2	Yellow	3530
ES0416	3	7340	Mountain whitefish	167	46	Scale		0		
ES0416	3	7313	Mountain whitefish	458	922	Scale		0	Yellow	6500
ES0416	3	7314	Mountain whitefish	462	1116	Scale		0	Yellow	6501
ES0416	3	7319	Mountain whitefish	379				2	Yellow	3551
ES0416	3	7339	Mountain whitefish	223	102	Scale		0		
ES0416	3	7330	Mountain whitefish	447	820	Scale		0	Yellow	6509
ES0416	3	7321	Mountain whitefish	346	418	Scale		0	Yellow	6504
ES0416	3	7322	Mountain whitefish	309	330	Scale		0	Yellow	6505
ES0416	3	7324	Mountain whitefish	353				2	Yellow	6484
ES0416	3	7325	Mountain whitefish	355				2	Yellow	3540
ES0416	3	7331	Mountain whitefish	276	194	Scale		2	Yellow	544
ES0416	3	7327	Mountain whitefish	371	502	Scale		0	Yellow	6507
ES0416	3	7348	Mountain whitefish	309	316	Scale		0	Yellow	6517
ES0416	3	7332	Mountain whitefish	372	476	Scale		0	Yellow	6510
ES0416	3	7333	Mountain whitefish	383	514	Scale		0	Yellow	6511
ES0416	3	7335	Mountain whitefish	266	208	Scale		0	Yellow	6512
ES0416	3	7337	Mountain whitefish	293	294	Scale		0	Yellow	6514
ES0416	3	7336	Mountain whitefish	355	444	Scale		0	Yellow	6513
ES0416	3	7334	Mountain whitefish	147	34	Scale		1		
ES0416	3	7328	Mountain whitefish	300	272	Scale		3	Yellow	6508
ES0416	3	7326	Mountain whitefish	350	446	Scale		0	Yellow	6506
ES0416	4	9316	Largescale sucker	515	1636			0		
ES0416	4	9310	Largescale sucker	485	1484			0		
ES0416	4	9309	Largescale sucker	514	1634			0		
ES0416	4	9315	Longnose sucker	400	830			0		
ES0416	4	9317	Longnose sucker	395	780			0		
ES0416	4	9319	Longnose sucker	463	1304			0		
ES0416	4	9320	Longnose sucker	400	860			0		
ES0416	4	9322	Longnose sucker	411	834			0		
ES0416	4	9323	Longnose sucker	387	696			0		
ES0416	4	9314	Longnose sucker	378	666			0		
ES0416	4	9321	Longnose sucker	390	720			0		
ES0416	4	9312	Longnose sucker	467	1138			0		
ES0416	4	9311	Longnose sucker	475	1426			0		
ES0416	4	9318	Longnose sucker	358	650			0		
ES0416	4	9313	Longnose sucker	431	910			0		
ES0416	4	9350	Mountain whitefish	234	126	Scale		0		
ES0416	4	9347	Mountain whitefish	238	140	Scale		0		
ES0416	4	9326	Mountain whitefish	316	294			2	Yellow	3574
ES0416	4	9331	Mountain whitefish	360	548	Scale		0	Yellow	7747
ES0416	4	9330	Mountain whitefish	371	476			2	Yellow	6515
ES0416	4	9329	Mountain whitefish	377	540	Scale		0	Yellow	7746
ES0416	4	9328	Mountain whitefish	354	484	Scale		0	Yellow	7745
ES0416	4	9349	Mountain whitefish	271	194	Scale		0	Yellow	7761
ES0416	4	9333	Mountain whitefish	292	258	Scale		3	Yellow	7748
ES0416	4	9351	Mountain whitefish	196	76	Scale		0		
ES0416	4	9344	Mountain whitefish	345	396	Scale		0	Yellow	7757
ES0416	4	9327	Mountain whitefish	401	640	Scale		0	Yellow	7744
ES0416	4	9336	Mountain whitefish	324	396	Scale		0	Yellow	7734
ES0416	4	9348	Mountain whitefish	275	216	Scale		0	Yellow	7760
ES0416	4	9337	Mountain whitefish	334	348	Scale		0	Yellow	7728
ES0416	4	9342	Mountain whitefish	340	346	Scale		0	Yellow	7755
ES0416	4	9341	Mountain whitefish	307	330	Scale		0	Yellow	7754
ES0416	4	9340	Mountain whitefish	329	424	Scale		0	Yellow	7753
ES0416	4	9332	Mountain whitefish	333	398			2	Yellow	6525
ES0416	4	9325	Mountain whitefish	365	534	Scale		0	Yellow	7743
ES0416	4	9334	Mountain whitefish	353	452	Scale		7	Yellow	7749
ES0416	4	9338	Mountain whitefish	406	618	Scale		0	Yellow	7751
ES0416	4	9346	Mountain whitefish	322	314	Scale		0	Yellow	7759
ES0416	4	9324	Mountain whitefish	360	554	Scale		0	Yellow	7742
ES0416	4	9345	Mountain whitefish	269	218	Scale		0	Yellow	7758

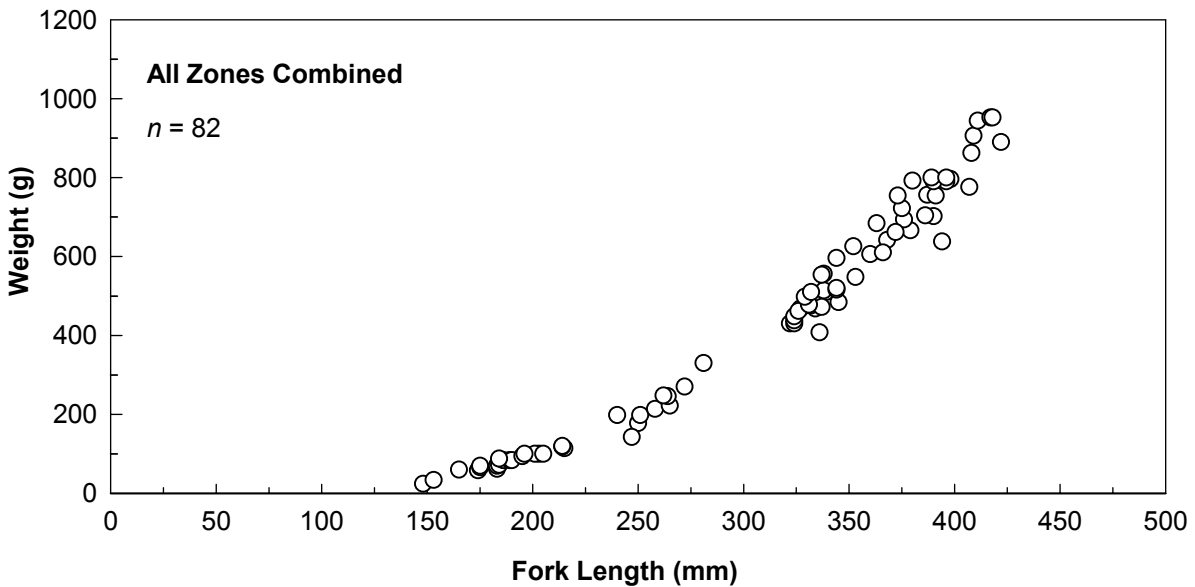
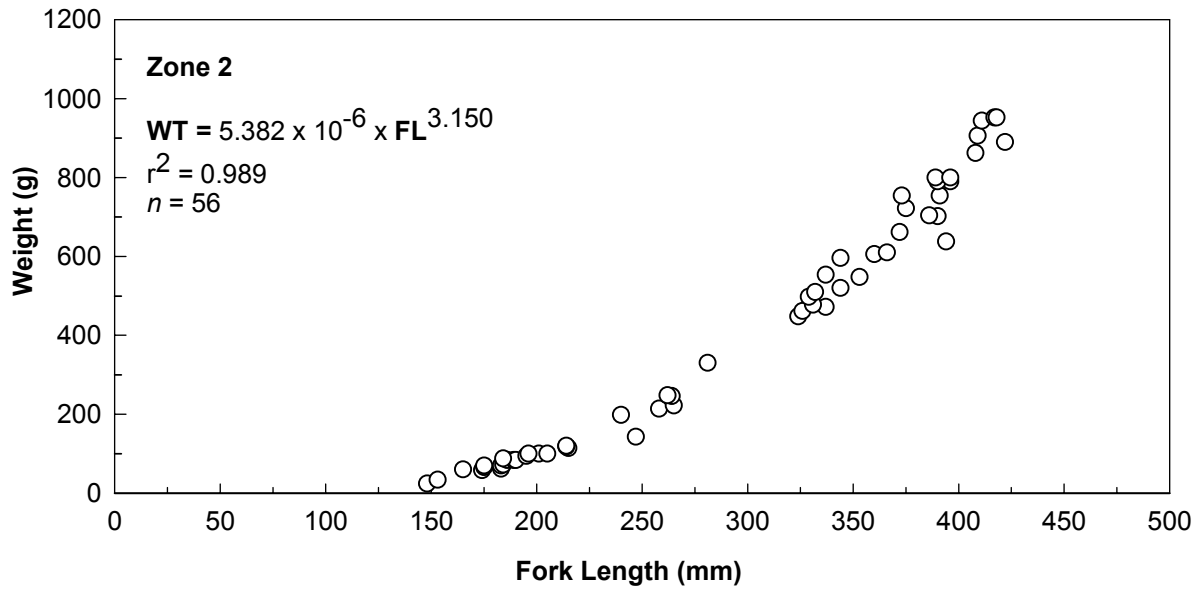
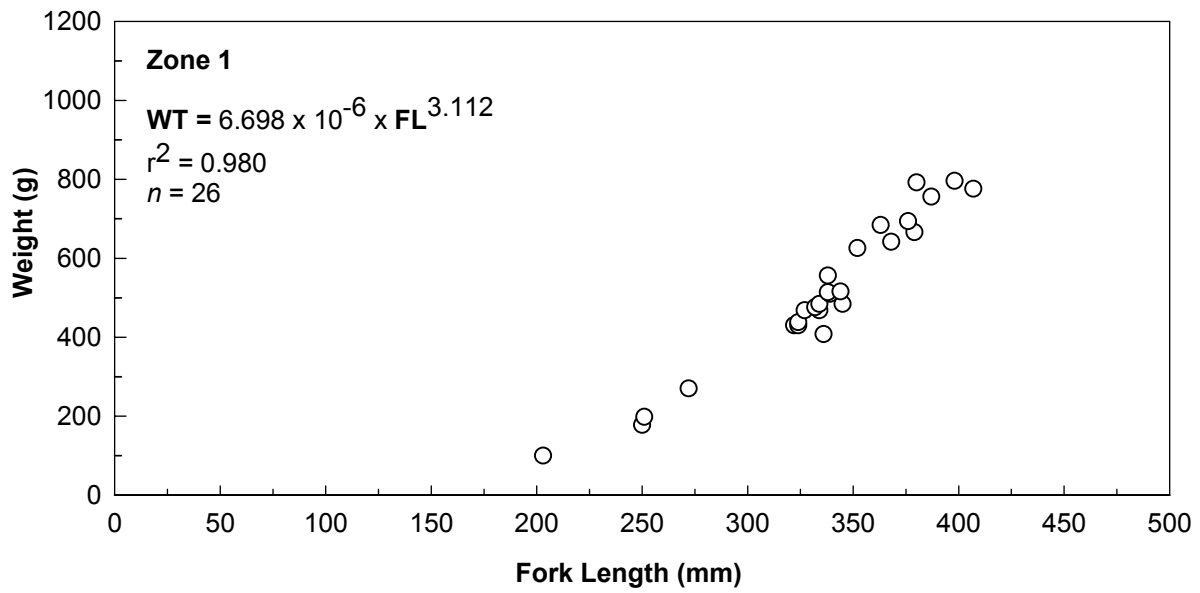


**Appendix C Table C1. Biological characteristics data for fish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

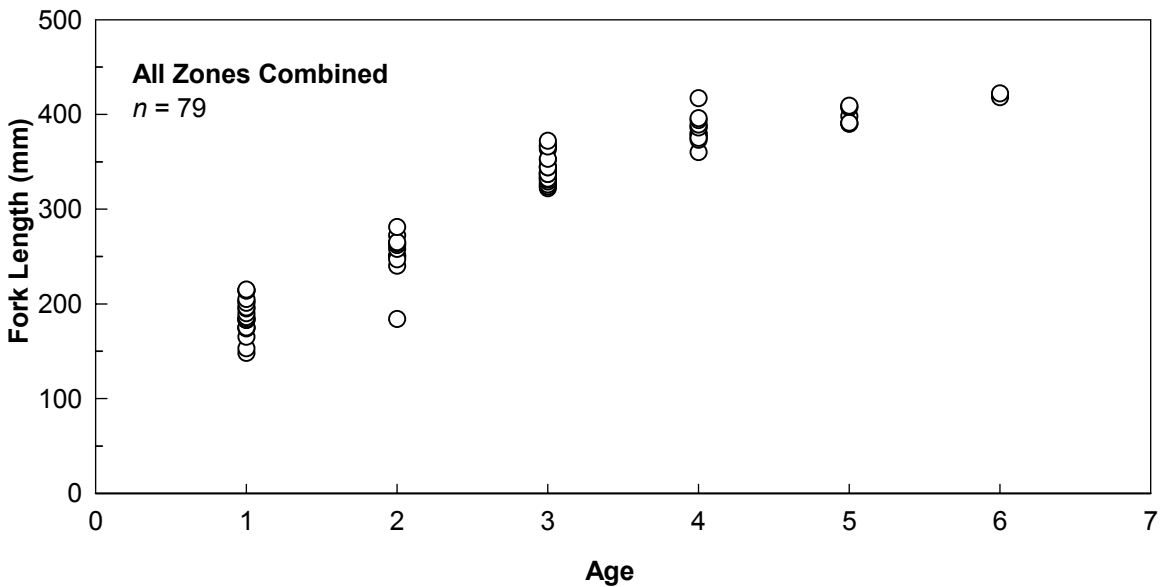
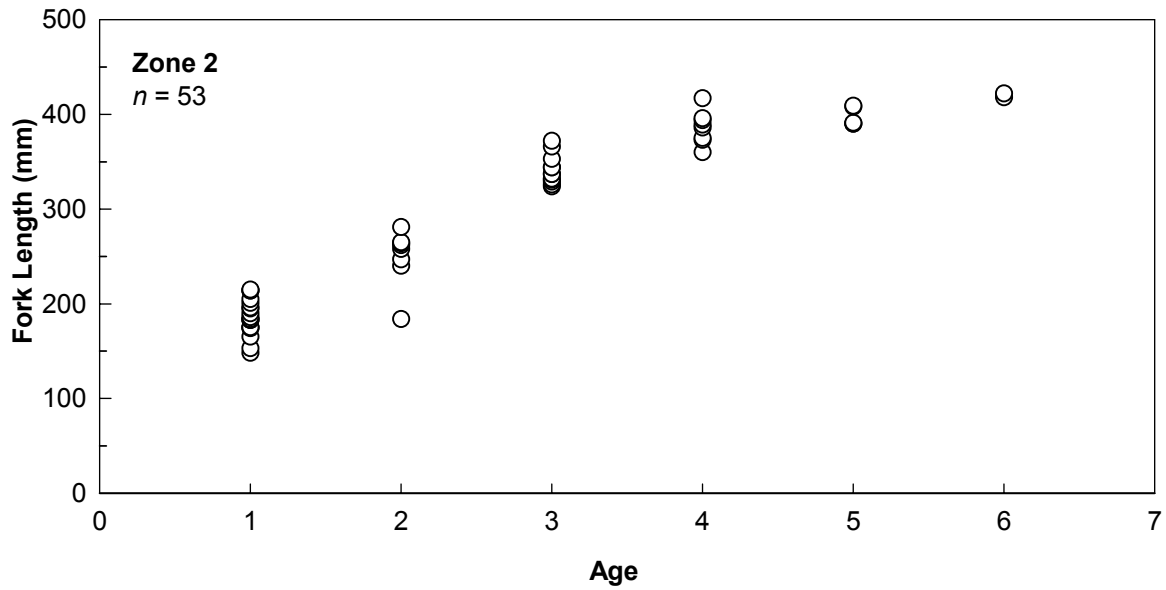
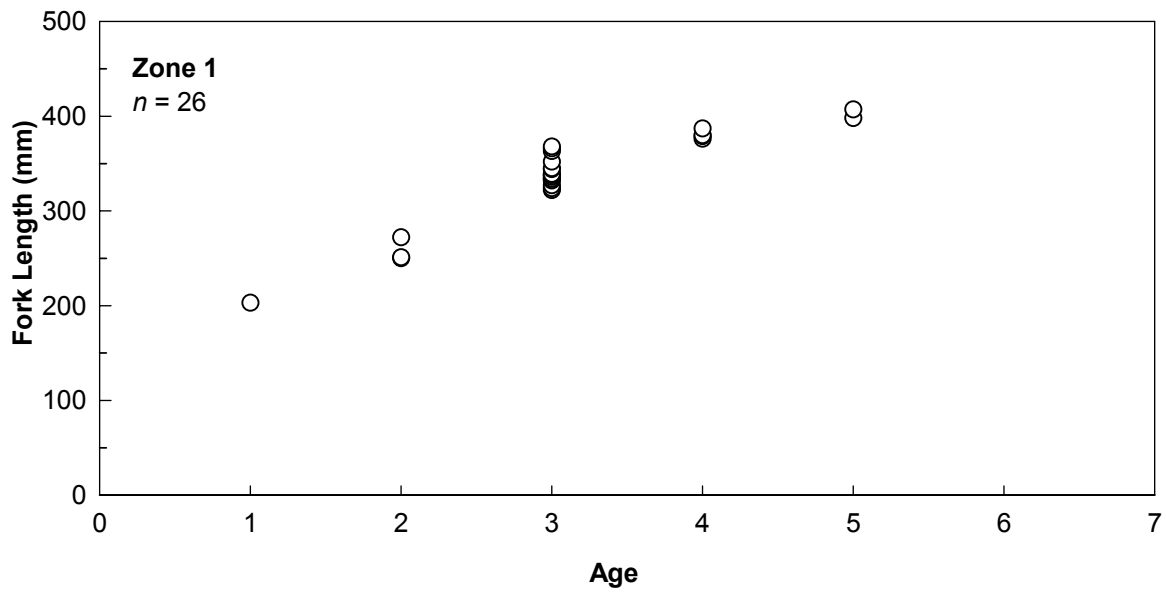
Area and Site Label	Session	FishID	Common Name	Fork Length	Weight (gm)	Age Structure	Age	Capt. Code	Tag Colour	Tag Number
Section 4										
ES0416	4	9335	Mountain whitefish	365	526	Scale		0	Yellow	7750
ES0416	4	9343	Mountain whitefish	283	240	Scale	3	0	Yellow	7756
ES0416	4	9339	Mountain whitefish	343	364	Scale		0	Yellow	7752
ES0416	5	10976	Arctic grayling	337	472	Scale	3	0	Yellow	7886
ES0416	5	10999	Mountain whitefish	285				2	Yellow	4671
ES0416	5	11002	Mountain whitefish	350				2	Yellow	7779
ES0416	5	11000	Mountain whitefish	372				2	Yellow	6515
ES0416	5	10998	Mountain whitefish	367				2	Yellow	7750
ES0416	5	10997	Mountain whitefish	353				2	Yellow	7745
ES0416	5	11001	Mountain whitefish	264				2	Yellow	6171
ES0416	6	12991	Mountain whitefish	312				2	Yellow	6505
ES0416	6	12992	Mountain whitefish	403				2	Yellow	7751



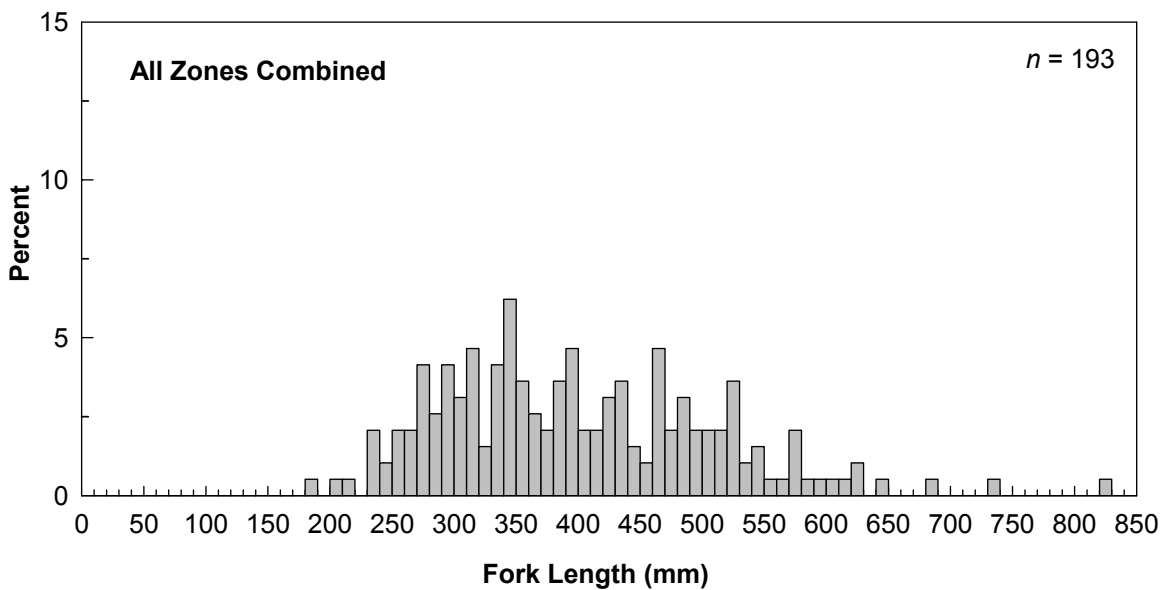
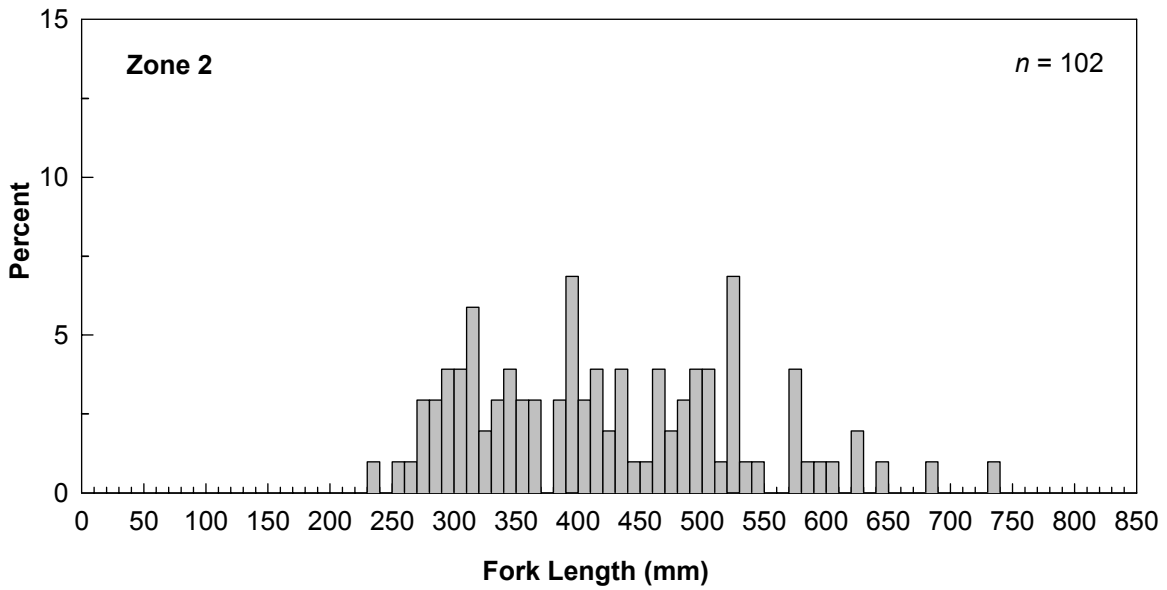
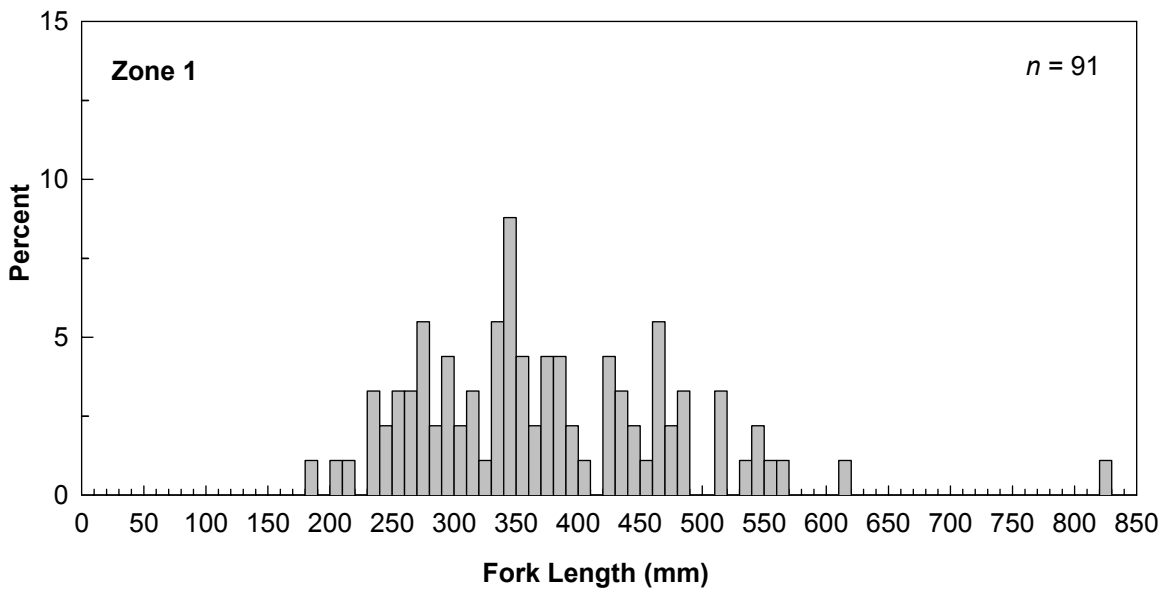
Appendix C Figure C1. Length-frequency distributions of Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



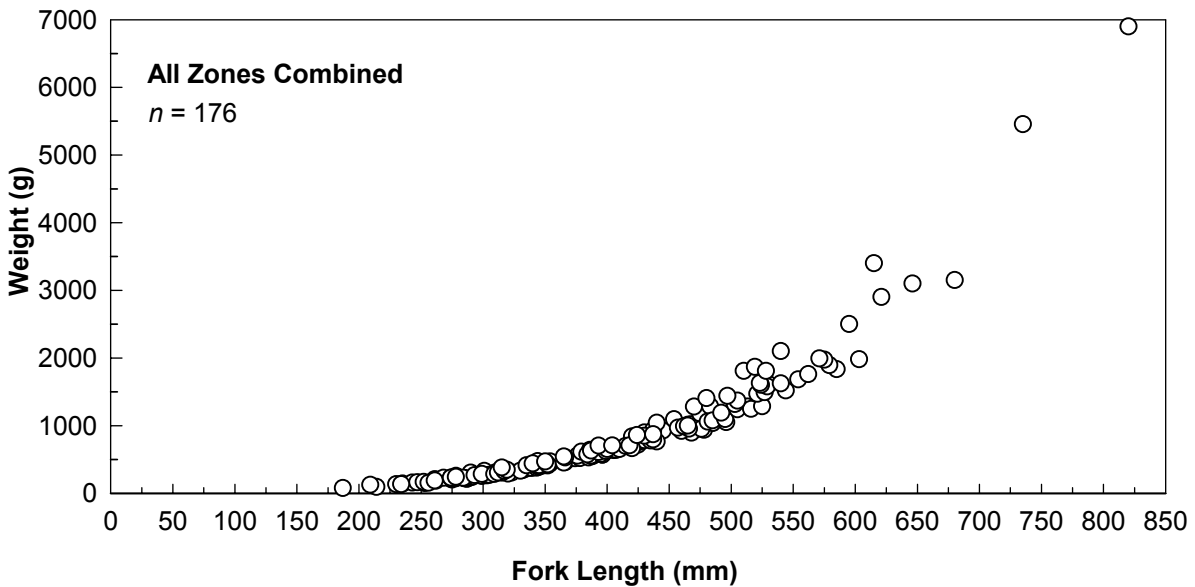
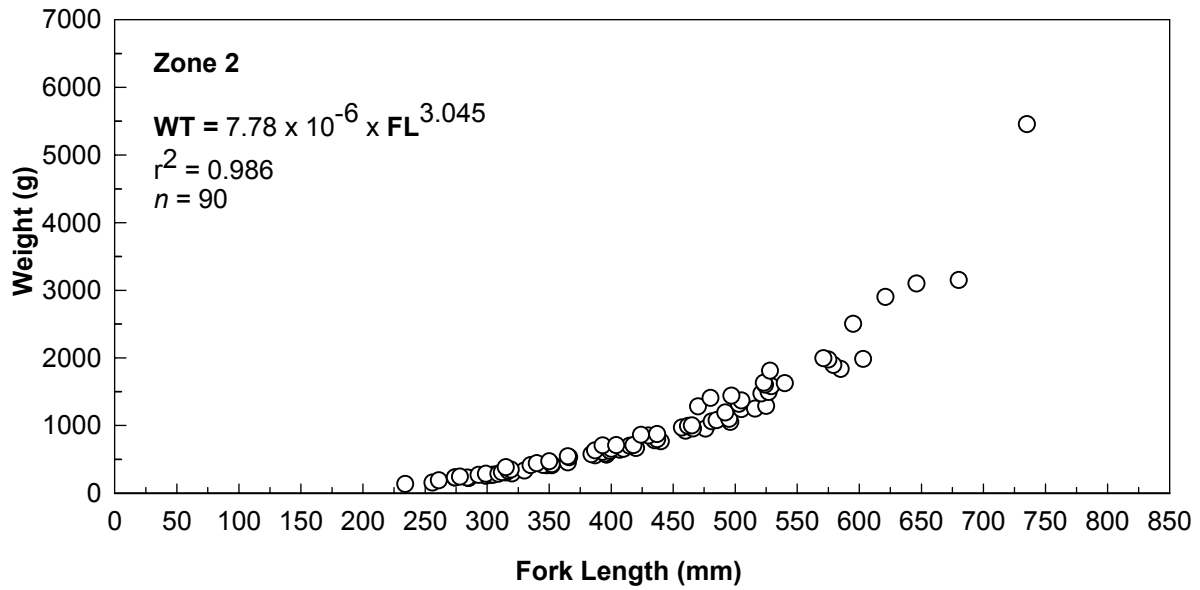
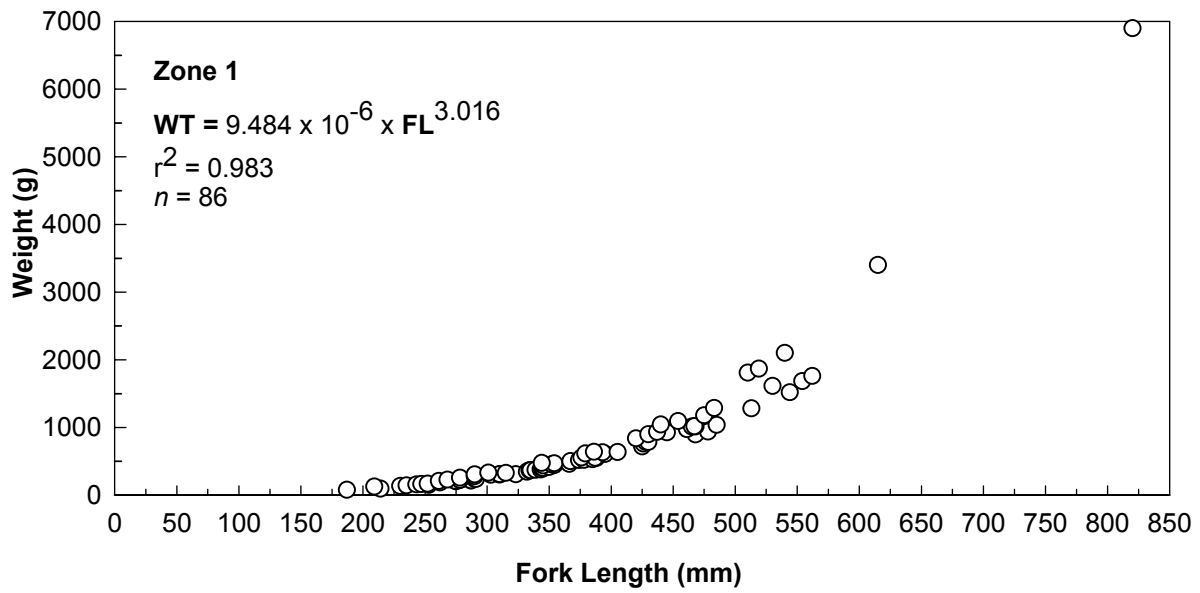
Appendix C Figure C2. Length-weight relationship of Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



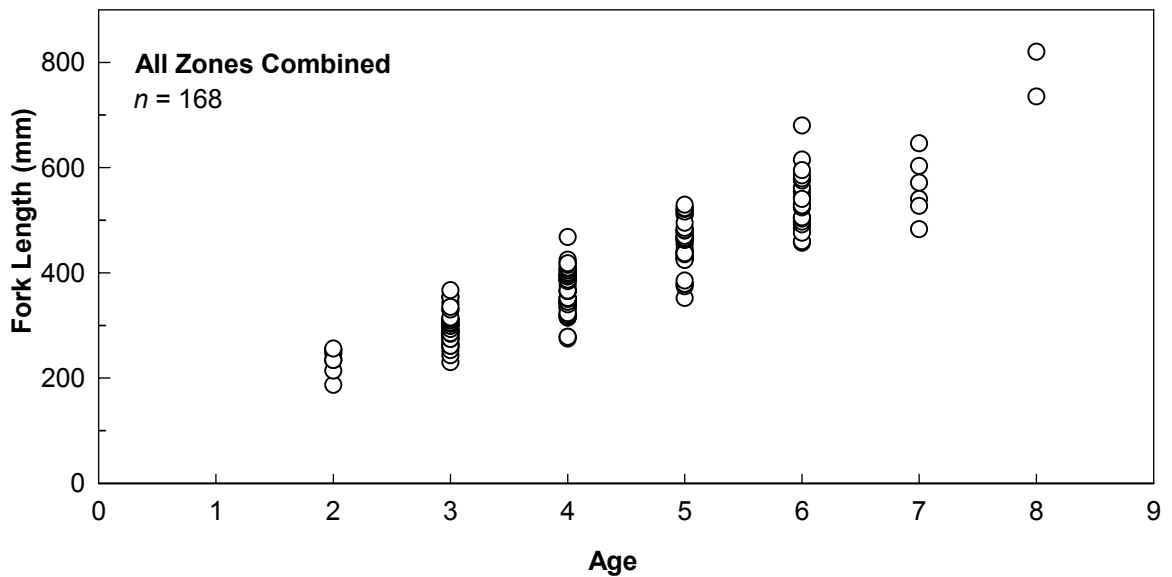
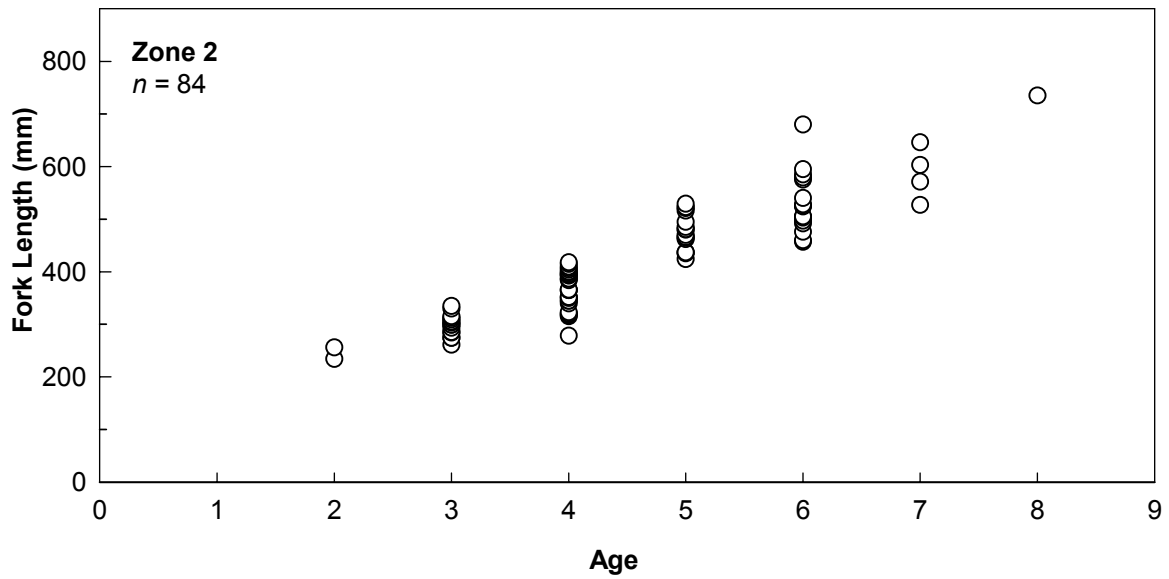
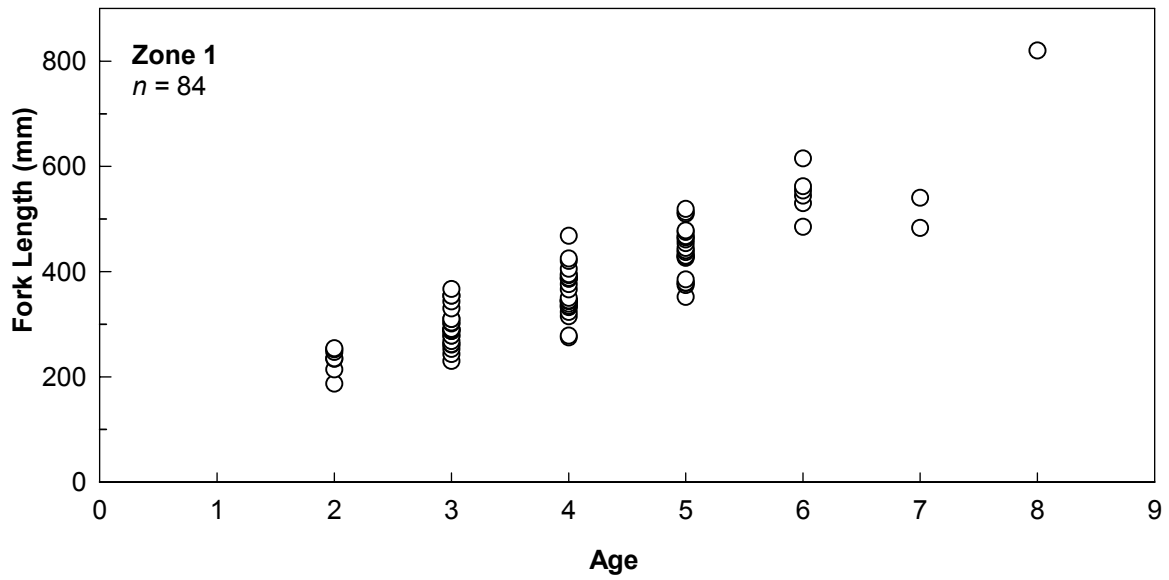
Appendix C Figure C3. Length-at-age data for Arctic grayling sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



Appendix C Figure C4. Length-frequency distributions of bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

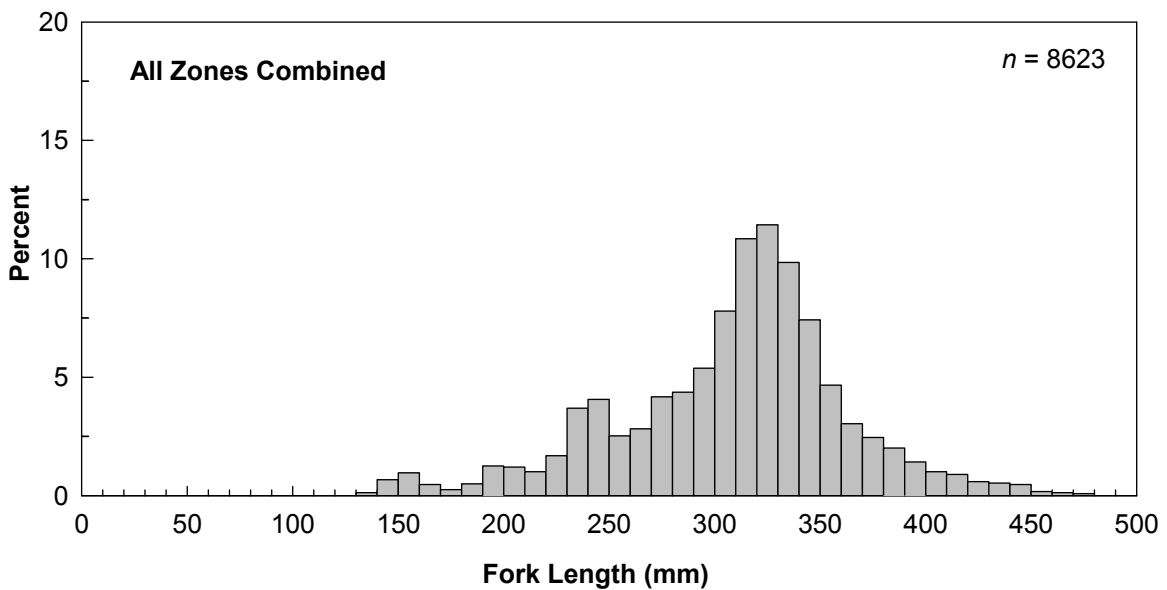
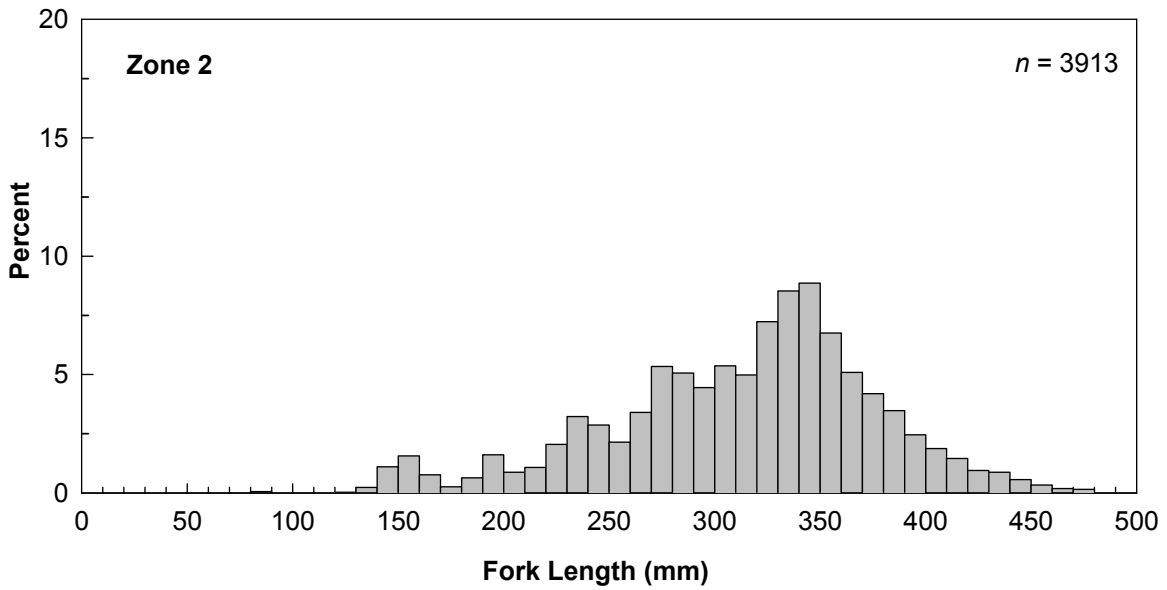
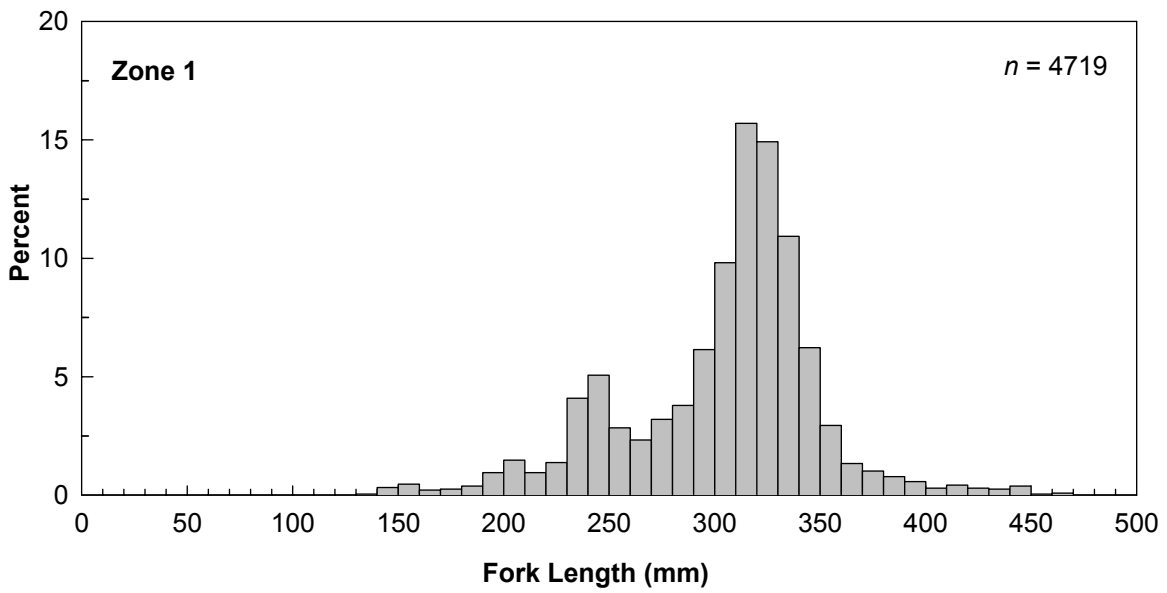


Appendix C Figure C5. Length-weight relationship of bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

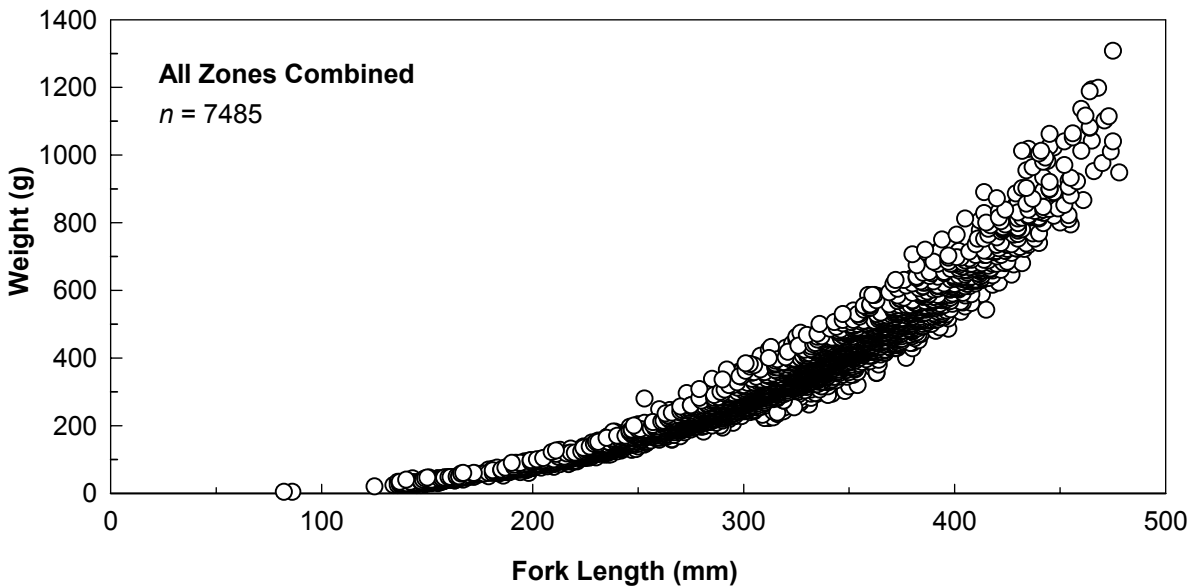
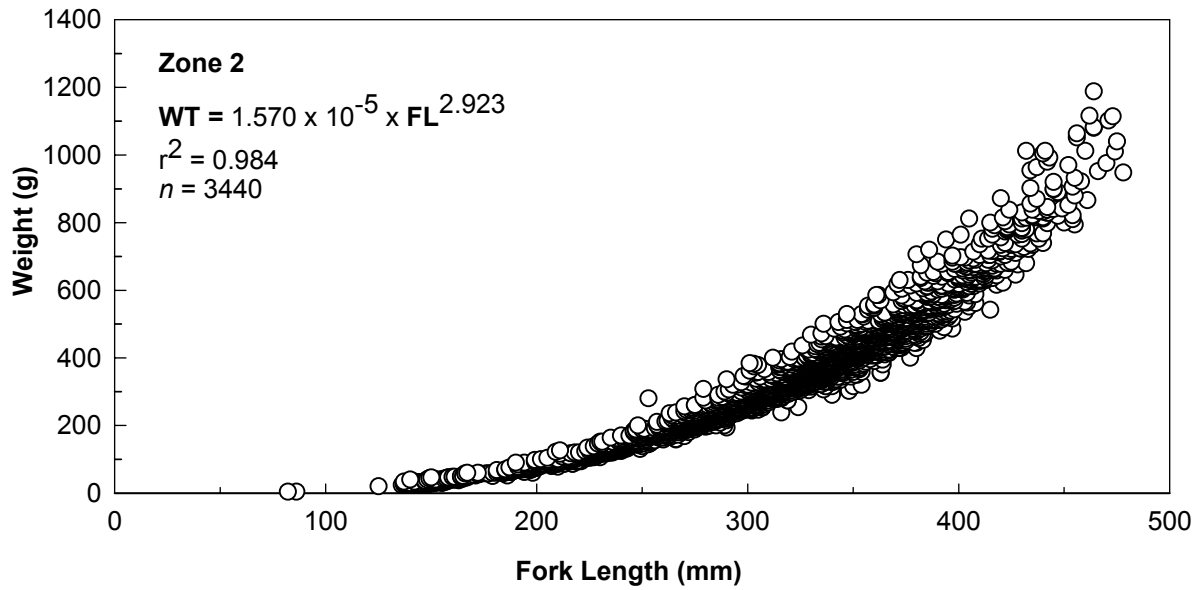
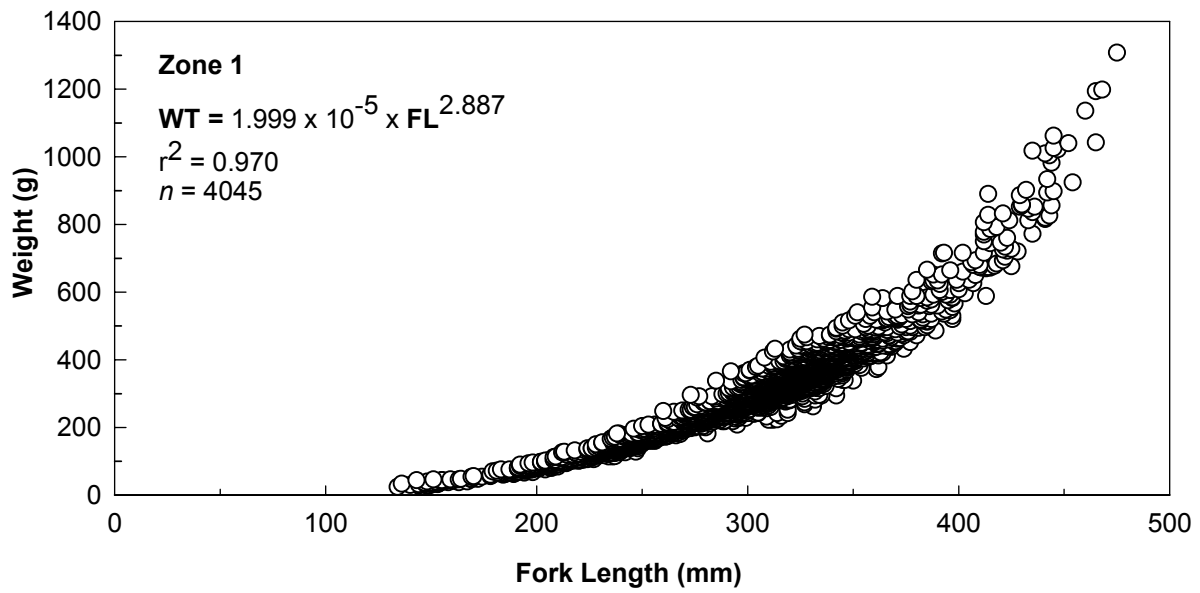


Appendix C Figure C6. Length-at-age data for bull trout sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

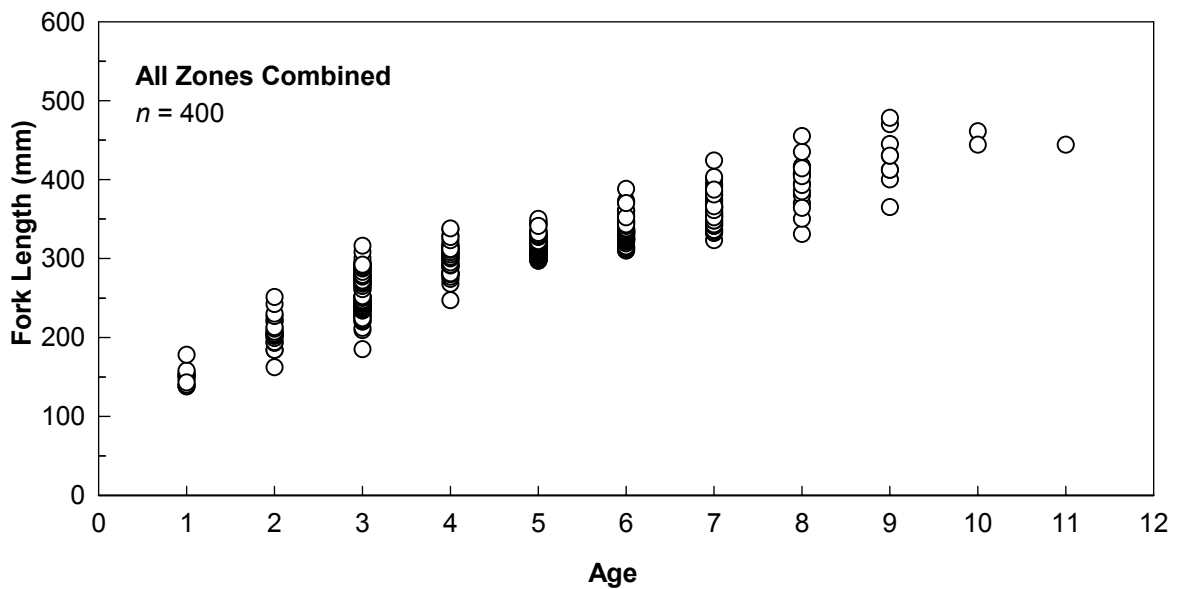
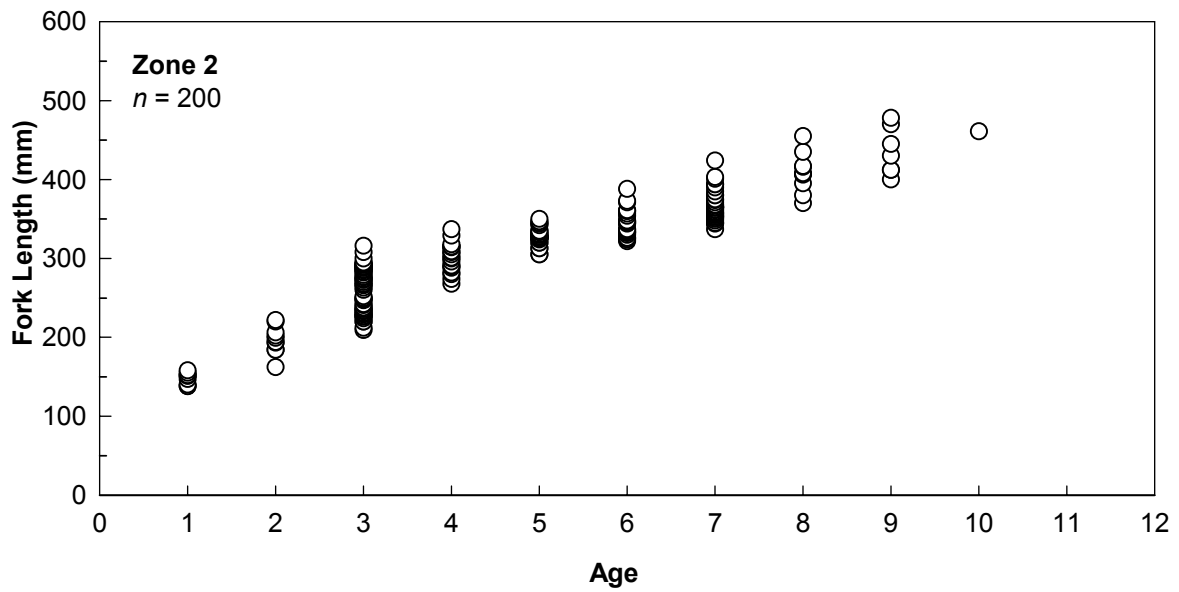
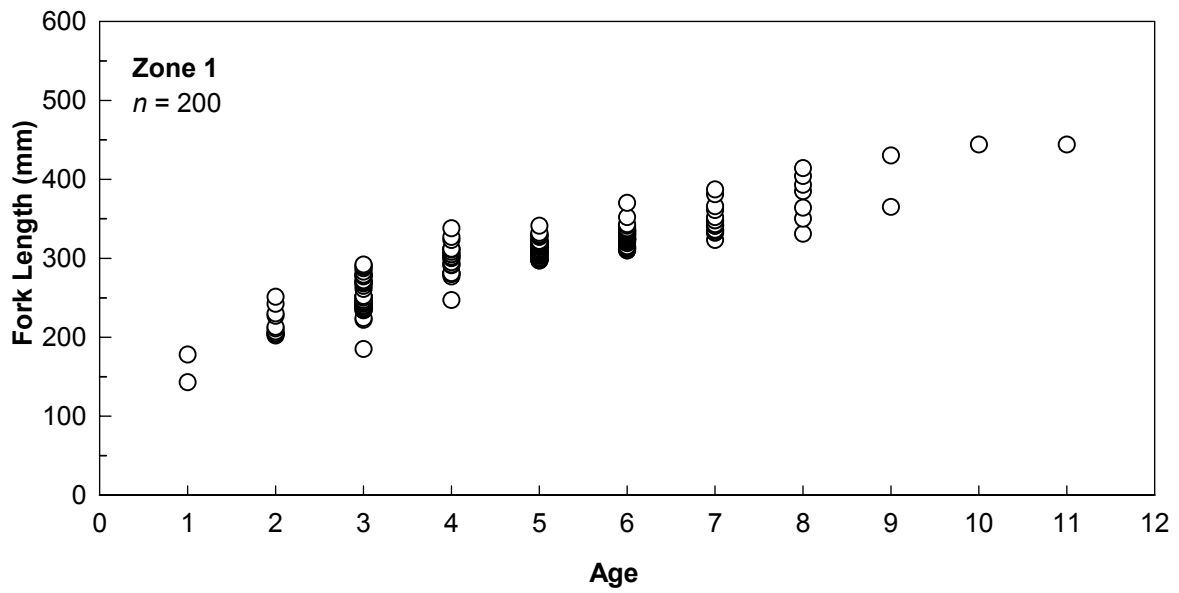




Appendix C Figure C7. Length-frequency distributions of mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



Appendix C Figure C8. Length-weight relationship of mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



Appendix C Figure C9. Length-at-age data for mountain whitefish sampled during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

**APPENDIX D**  
**Relative Abundance**

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1									
	ES0101	SFN							
			Crew 2	1 21-Aug-02 10:00	614	239	Arctic grayling	0	0.00
							Bull trout	1	1.63
							Mountain whitefish	123	102.65
			Crew 2	2 29-Aug-02 15:15	614	239	Arctic grayling	1	1.63
							Bull trout	0	0.00
							Mountain whitefish	214	112.42
			Crew 1	3 07-Sep-02 10:15	614	251	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	215	146.64
			Crew 2	4 17-Sep-02 13:30	614	242	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	193	104.28
			Crew 1	5 24-Sep-02 9:45	614	233	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	254	153.16
			Crew 1	6 28-Sep-02 9:30	614	235	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	168	127.09
	ES0102	SFN							
			Crew 2	1 22-Aug-02 10:45	870	323	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	155	74.72
			Crew 2	2 29-Aug-02 14:15	870	345	Arctic grayling	0	0.00
							Bull trout	1	1.15
							Mountain whitefish	182	71.27
			Crew 1	3 07-Sep-02 11:15	870	289	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	150	51.73
			Crew 2	4 17-Sep-02 12:45	870	350	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	135	64.38
			Crew 1	5 24-Sep-02 10:45	870	325	Arctic grayling	0	0.00
							Bull trout	1	1.15
							Mountain whitefish	105	55.18
			Crew 1	6 28-Sep-02 10:45	870	276	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	138	66.67

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0103	SFC								
			Crew 2	1	21-Aug-02 11:15	1092	685	Arctic grayling	1	0.92
								Bull trout	4	3.66
								Mountain whitefish	111	39.38
			Crew 2	2	29-Aug-02 13:30	1092	619	Arctic grayling	0	0.00
								Bull trout	2	1.83
								Mountain whitefish	41	19.23
			Crew 1	3	07-Sep-02 13:15	1092	555	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	71	36.63
			Crew 2	4	17-Sep-02 11:00	1092	674	Arctic grayling	0	0.00
								Bull trout	1	0.92
								Mountain whitefish	25	16.48
			Crew 1	5	24-Sep-02 10:00	1092	499	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	18	9.16
			Crew 1	6	28-Sep-02 10:00	1092	482	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	25	15.57
	ES0104	SFN								
			Crew 2	1	21-Aug-02 12:15	442	272	Arctic grayling	0	0.00
								Bull trout	3	6.78
								Mountain whitefish	85	72.35
			Crew 2	2	29-Aug-02 12:45	442	290	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	55	74.62
			Crew 1	3	07-Sep-02 14:00	442	275	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	115	88.18
			Crew 2	4	17-Sep-02 11:15	442	315	Arctic grayling	0	0.00
								Bull trout	1	2.26
								Mountain whitefish	52	79.14
			Crew 1	5	24-Sep-02 10:15	442	275	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	56	79.14
			Crew 1	6	28-Sep-02 10:15	442	266	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	71	85.92

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0105	SFC								
			Crew 2	1	22-Aug-02	9:45	1029	475		
								Arctic grayling	1	0.97
								Bull trout	4	3.89
								Mountain whitefish	98	41.81
			Crew 2	2	29-Aug-02	11:45	1029	529		
								Arctic grayling	0	0.00
								Bull trout	2	1.94
								Mountain whitefish	73	41.81
			Crew 1	3	07-Sep-02	14:45	1029	431		
								Arctic grayling	0	0.00
								Bull trout	3	2.92
								Mountain whitefish	85	40.84
			Crew 2	4	17-Sep-02	10:15	1029	574		
								Arctic grayling	2	1.94
								Bull trout	2	1.94
								Mountain whitefish	32	18.47
			Crew 1	5	24-Sep-02	10:30	1029	402		
								Arctic grayling	0	0.00
								Bull trout	1	0.97
								Mountain whitefish	34	21.39
			Crew 1	6	28-Sep-02	10:30	1029	380		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	31	15.56
	ES0106	SFN								
			Crew 2	1	21-Aug-02	14:30	591	595		
								Arctic grayling	0	0.00
								Bull trout	2	3.38
								Mountain whitefish	22	20.31
			Crew 2	2	29-Aug-02	11:00	591	493		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	2	1.69
			Crew 1	3	07-Sep-02	15:30	591	423		
								Arctic grayling	0	0.00
								Bull trout	3	5.08
								Mountain whitefish	9	10.15
			Crew 2	4	17-Sep-02	9:30	591	595		
								Arctic grayling	0	0.00
								Bull trout	3	5.08
								Mountain whitefish	4	3.38
			Crew 1	5	24-Sep-02	11:15	591	477		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	11	11.85
			Crew 1	6	28-Sep-02	11:00	591	462		
								Arctic grayling	0	0.00
								Bull trout	1	1.69
								Mountain whitefish	5	8.46

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0107	SFC								
			Crew 2	1	21-Aug-02	13:30	551 315	Arctic grayling	0	0.00
								Bull trout	1	1.81
								Mountain whitefish	45	48.97
			Crew 2	2	29-Aug-02	10:30	551 374	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	16	18.14
			Crew 1	3	07-Sep-02	16:00	551 330	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	33	29.02
			Crew 2	4	16-Sep-02	16:15	551 410	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	44	50.78
			Crew 1	5	24-Sep-02	11:30	551 333	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	9	9.07
			Crew 1	6	28-Sep-02	11:15	551 345	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	35	32.65
	ES0108	SFN								
			Crew 2	1	21-Aug-02	15:00	828 415	Arctic grayling	1	1.21
								Bull trout	2	2.42
								Mountain whitefish	51	27.78
			Crew 2	2	29-Aug-02	9:45	828 526	Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	34	21.74
			Crew 1	3	08-Sep-02	9:15	828 471	Arctic grayling	0	0.00
								Bull trout	1	1.21
								Mountain whitefish	63	41.06
			Crew 2	4	16-Sep-02	15:45	828 517	Arctic grayling	0	0.00
								Bull trout	2	2.42
								Mountain whitefish	28	16.91
			Crew 1	5	24-Sep-02	11:30	828 509	Arctic grayling	1	1.21
								Bull trout	2	2.42
								Mountain whitefish	20	13.28
			Crew 1	6	28-Sep-02	12:15	828 444	Arctic grayling	0	0.00
								Bull trout	1	1.21
								Mountain whitefish	42	31.40



**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0109	SFN								
			Crew 2	1	21-Aug-02	15:45	958	472		
									0	0.00
									1	1.04
									159	82.46
			Crew 1	2	30-Aug-02	10:30	958	521		
									0	0.00
									0	0.00
									150	65.76
			Crew 1	3	08-Sep-02	10:00	958	514		
									0	0.00
									1	1.04
									255	99.16
			Crew 2	4	16-Sep-02	15:00	958	573		
									1	1.04
									0	0.00
									53	28.18
			Crew 1	5	24-Sep-02	12:00	958	513		
									0	0.00
									1	1.04
									107	63.67
			Crew 1	6	28-Sep-02	12:30	958	475		
									0	0.00
									0	0.00
									86	43.84
	ES0110	SFC								
			Crew 2	1	21-Aug-02	13:45	821	315		
									0	0.00
									1	1.22
									48	36.54
			Crew 1	2	30-Aug-02	12:30	821	481		
									0	0.00
									3	3.65
									38	17.05
			Crew 1	3	08-Sep-02	11:30	821	455		
									0	0.00
									1	1.22
									65	36.54
			Crew 2	4	16-Sep-02	14:30	821	649		
									0	0.00
									0	0.00
									24	13.40
			Crew 1	5	24-Sep-02	13:15	821	463		
									0	0.00
									0	0.00
									25	19.49
			Crew 1	6	28-Sep-02	12:45	821	427		
									0	0.00
									1	1.22
									59	42.63

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0111	SFC								
			Crew 2	1	22-Aug-02	11:45	968	526		
									0	0.00
									2	2.07
									71	32.04
			Crew 1	2	30-Aug-02	13:15	968	591		
									0	0.00
									4	4.13
									21	7.23
			Crew 1	3	08-Sep-02	12:00	968	533		
									0	0.00
									0	0.00
									89	28.94
			Crew 2	4	16-Sep-02	13:30	968	749		
									0	0.00
									4	4.13
									79	40.31
			Crew 1	5	24-Sep-02	13:30	968	642		
									0	0.00
									0	0.00
									41	19.64
			Crew 1	6	28-Sep-02	13:15	968	555		
									0	0.00
									1	1.03
									95	54.77
	ES0112	SFC								
			Crew 2	1	21-Aug-02	16:45	1050	376		
									0	0.00
									1	0.95
									172	56.19
			Crew 1	2	30-Aug-02	13:45	1050	607		
									0	0.00
									0	0.00
									99	43.81
			Crew 1	3	08-Sep-02	13:30	1050	430		
									0	0.00
									0	0.00
									196	68.57
			Crew 2	4	16-Sep-02	12:00	1050	574		
									0	0.00
									1	0.95
									90	49.53
			Crew 1	5	24-Sep-02	13:45	1050	552		
									0	0.00
									1	0.95
									79	40.00
			Crew 1	6	28-Sep-02	13:30	1050	510		
									0	0.00
									1	0.95
									139	75.24

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0113	SFC								
			Crew 2	1	22-Aug-02	13:00	727	363		
									0	0.00
									0	0.00
									128	74.23
			Crew 1	2	30-Aug-02	16:15	727	381		
									0	0.00
									0	0.00
									57	34.36
			Crew 1	3	08-Sep-02	15:45	727	356		
									0	0.00
									4	5.50
									80	48.11
			Crew 2	4	16-Sep-02	10:30	727	416		
									0	0.00
									0	0.00
									28	24.74
			Crew 1	5	24-Sep-02	14:00	727	369		
									0	0.00
									0	0.00
									36	17.87
			Crew 1	6	28-Sep-02	13:45	727	330		
									0	0.00
									1	1.37
									35	21.99
	ES0114	SFC								
			Crew 2	1	22-Aug-02	13:45	919	458		
									1	1.09
									0	0.00
									139	60.91
			Crew 1	2	30-Aug-02	15:00	919	506		
									0	0.00
									0	0.00
									43	17.40
			Crew 1	3	08-Sep-02	14:30	919	391		
									0	0.00
									0	0.00
									188	65.26
			Crew 2	4	16-Sep-02	11:00	919	476		
									0	0.00
									1	1.09
									73	35.89
			Crew 1	5	24-Sep-02	14:15	919	466		
									0	0.00
									1	1.09
									53	21.75
			Crew 1	6	28-Sep-02	14:00	919	403		
									0	0.00
									0	0.00
									74	36.98

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1										
	ES0115	SFC								
			Crew 2	1	22-Aug-02	15:00	607	351		
									0	0.00
									0	0.00
									65	54.34
			Crew 1	2	30-Aug-02	15:15	607	402		
									1	1.65
									0	0.00
									30	19.76
			Crew 1	3	08-Sep-02	15:15	607	344		
									0	0.00
									0	0.00
									60	34.58
			Crew 2	4	16-Sep-02	9:15	607	387		
									0	0.00
									1	1.65
									26	19.76
			Crew 1	5	24-Sep-02	14:30	607	385		
									0	0.00
									1	1.65
									23	13.17
			Crew 1	6	28-Sep-02	14:15	607	337		
									0	0.00
									1	1.65
									44	29.64
	ES0116	SFN								
			Crew 2	1	22-Aug-02	15:45	955	452		
									0	0.00
									0	0.00
									60	30.36
			Crew 1	2	30-Aug-02	16:45	955	445		
									0	0.00
									0	0.00
									85	40.83
			Crew 1	3	08-Sep-02	16:30	955	431		
									0	0.00
									3	3.14
									88	43.97
			Crew 2	4	16-Sep-02	9:45	955	471		
									0	0.00
									2	2.09
									40	20.94
			Crew 1	5	24-Sep-02	15:00	955	489		
									0	0.00
									1	1.05
									17	6.28
			Crew 1	6	28-Sep-02	15:00	955	396		
									0	0.00
									1	1.05
									31	19.89

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0201	SFC							
			Crew 2	1 23-Aug-02 10:30	785	869	Arctic grayling	0	0.00
							Bull trout	2	2.55
							Mountain whitefish	165	80.27
			Crew 1	2 01-Sep-02 9:45	785	465	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	22	17.84
			Crew 2	3 09-Sep-02 10:45	785	476	Arctic grayling	0	0.00
							Bull trout	3	3.82
							Mountain whitefish	43	21.66
			Crew 2	4 17-Sep-02 15:45	785	568	Arctic grayling	0	0.00
							Bull trout	1	1.27
							Mountain whitefish	59	29.30
			Crew 1	5 25-Sep-02 10:00	785	435	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	19	11.47
			Crew 1	6 29-Sep-02 9:45	785	429	Arctic grayling	0	0.00
							Bull trout	1	1.27
							Mountain whitefish	66	45.87
	ES0202	SFC							
			Crew 2	1 23-Aug-02 11:30	1142	617	Arctic grayling	2	1.75
							Bull trout	1	0.88
							Mountain whitefish	60	25.39
			Crew 1	2 01-Sep-02 10:15	1142	852	Arctic grayling	0	0.00
							Bull trout	1	0.88
							Mountain whitefish	23	10.51
			Crew 2	3 09-Sep-02 11:45	1142	806	Arctic grayling	0	0.00
							Bull trout	1	0.88
							Mountain whitefish	43	20.14
			Crew 2	4 17-Sep-02 15:15	1142	892	Arctic grayling	0	0.00
							Bull trout	3	2.63
							Mountain whitefish	59	26.26
			Crew 1	5 25-Sep-02 10:15	1142	786	Arctic grayling	0	0.00
							Bull trout	1	0.88
							Mountain whitefish	38	14.88
			Crew 1	6 29-Sep-02 10:15	1142	736	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	25	8.75

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)	
Section 2											
	ES0203	SFC									
			Crew 2	1	23-Aug-02	11:45	1270	617			
									Arctic grayling	2	1.57
									Bull trout	13	10.24
									Mountain whitefish	44	20.47
			Crew 1	2	01-Sep-02	11:15	1270	866			
									Arctic grayling	0	0.00
									Bull trout	1	0.79
									Mountain whitefish	23	7.87
			Crew 2	3	09-Sep-02	12:30	1270	811			
									Arctic grayling	2	1.57
									Bull trout	0	0.00
									Mountain whitefish	84	35.43
			Crew 2	4	19-Sep-02	10:00	1270	836			
									Arctic grayling	0	0.00
									Bull trout	2	1.57
									Mountain whitefish	72	29.92
			Crew 1	5	25-Sep-02	10:45	1270	756			
									Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	25	10.24
			Crew 1	6	29-Sep-02	10:30	1270	718			
									Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	33	14.96
	ES0204	SFC									
			Crew 2	1	23-Aug-02	13:30	652	473			
									Arctic grayling	2	3.07
									Bull trout	1	1.53
									Mountain whitefish	96	53.66
			Crew 1	2	01-Sep-02	15:15	652	420			
									Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	20	12.26
			Crew 2	3	09-Sep-02	13:30	652	450			
									Arctic grayling	0	0.00
									Bull trout	3	4.60
									Mountain whitefish	52	45.99
			Crew 2	4	19-Sep-02	11:45	652	507			
									Arctic grayling	0	0.00
									Bull trout	1	1.53
									Mountain whitefish	21	10.73
			Crew 1	5	25-Sep-02	11:00	652	426			
									Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	24	26.06
			Crew 1	6	29-Sep-02	11:00	652	408			
									Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	47	38.33

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0205	SFC							
			Crew 2	1 23-Aug-02 13:45	1001	472	Arctic grayling	3	3.00
							Bull trout	0	0.00
							Mountain whitefish	106	45.95
			Crew 1	2 02-Sep-02 13:45	1001	510	Arctic grayling	2	2.00
							Bull trout	0	0.00
							Mountain whitefish	128	57.94
			Crew 2	3 09-Sep-02 17:15	1001	620	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	171	74.92
			Crew 2	4 18-Sep-02 12:45	1001	732	Arctic grayling	0	0.00
							Bull trout	1	1.00
							Mountain whitefish	116	60.94
			Crew 1	5 25-Sep-02 11:15	1001	543	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	103	60.94
			Crew 1	6 29-Sep-02 11:15	1001	538	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	63	37.96
	ES0206	SFN							
			Crew 2	1 23-Aug-02 14:30	884	397	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	128	61.09
			Crew 1	2 01-Sep-02 14:15	884	438	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	131	57.70
			Crew 2	3 09-Sep-02 14:30	884	521	Arctic grayling	0	0.00
							Bull trout	1	1.13
							Mountain whitefish	114	61.09
			Crew 2	4 19-Sep-02 10:45	884	450	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	126	55.43
			Crew 1	5 25-Sep-02 12:15	884	455	Arctic grayling	1	1.13
							Bull trout	0	0.00
							Mountain whitefish	99	52.04
			Crew 1	6 29-Sep-02 12:00	884	460	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	54	37.33

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0207	SFN							
			Crew 2	1 23-Aug-02 15:30	675	396	Arctic grayling	1	1.48
							Bull trout	1	1.48
							Mountain whitefish	134	93.34
			Crew 1	2 02-Sep-02 11:30	675	319	Arctic grayling	2	2.96
							Bull trout	0	0.00
							Mountain whitefish	126	72.60
			Crew 2	3 09-Sep-02 15:30	675	380	Arctic grayling	1	1.48
							Bull trout	0	0.00
							Mountain whitefish	105	72.60
			Crew 2	4 18-Sep-02 13:45	675	531	Arctic grayling	1	1.48
							Bull trout	0	0.00
							Mountain whitefish	94	75.56
			Crew 1	5 25-Sep-02 12:30	675	303	Arctic grayling	1	1.48
							Bull trout	1	1.48
							Mountain whitefish	122	97.79
			Crew 1	6 29-Sep-02 12:15	675	302	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	36	32.60
	ES0208	SFC							
			Crew 2	1 23-Aug-02 16:30	900	349	Arctic grayling	4	4.44
							Bull trout	2	2.22
							Mountain whitefish	109	53.30
			Crew 1	2 02-Sep-02 12:15	900	380	Arctic grayling	1	1.11
							Bull trout	0	0.00
							Mountain whitefish	99	43.31
			Crew 2	3 09-Sep-02 16:15	900	432	Arctic grayling	6	6.66
							Bull trout	0	0.00
							Mountain whitefish	130	58.86
			Crew 2	4 18-Sep-02 11:30	900	487	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	84	45.53
			Crew 1	5 25-Sep-02 12:45	900	356	Arctic grayling	0	0.00
							Bull trout	1	1.11
							Mountain whitefish	91	51.08
			Crew 1	6 29-Sep-02 12:30	900	409	Arctic grayling	2	2.22
							Bull trout	2	2.22
							Mountain whitefish	93	41.09



**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0209	SFN							
			Crew 2	1 24-Aug-02 10:00	1560	538	Arctic grayling	2	1.28
							Bull trout	1	0.64
							Mountain whitefish	93	30.77
			Crew 1	2 02-Sep-02 10:00	1560	727	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	14	5.13
			Crew 2	3 10-Sep-02 14:45	1560	753	Arctic grayling	0	0.00
							Bull trout	3	1.92
							Mountain whitefish	141	41.02
			Crew 2	4 19-Sep-02 15:00	1560	783	Arctic grayling	2	1.28
							Bull trout	0	0.00
							Mountain whitefish	101	26.92
			Crew 1	5 25-Sep-02 14:00	1560	709	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	108	33.97
			Crew 1	6 29-Sep-02 14:00	1560	628	Arctic grayling	1	0.64
							Bull trout	0	0.00
							Mountain whitefish	46	17.95
	ES0210	SFN							
			Crew 2	1 24-Aug-02 10:45	626	381	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	92	78.29
			Crew 1	2 02-Sep-02 10:15	626	338	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	52	51.13
			Crew 2	3 10-Sep-02 11:45	626	389	Arctic grayling	2	3.20
							Bull trout	0	0.00
							Mountain whitefish	48	39.94
			Crew 2	4 19-Sep-02 12:00	626	323	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	30	30.36
			Crew 1	5 25-Sep-02 14:15	626	339	Arctic grayling	2	3.20
							Bull trout	0	0.00
							Mountain whitefish	35	35.15
			Crew 1	6 29-Sep-02 14:15	626	397	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	39	30.36

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 2										
	ES0211	SFC								
			Crew 2	1	24-Aug-02	11:45	792	917		
								Arctic grayling	2	2.53
								Bull trout	6	7.58
								Mountain whitefish	67	42.93
			Crew 1	2	01-Sep-02	12:45	792	491		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	33	22.73
			Crew 2	3	10-Sep-02	14:00	792	520		
								Arctic grayling	0	0.00
								Bull trout	1	1.26
								Mountain whitefish	45	30.31
			Crew 2	4	19-Sep-02	14:15	792	581		
								Arctic grayling	1	1.26
								Bull trout	4	5.05
								Mountain whitefish	67	34.09
			Crew 1	5	25-Sep-02	15:00	792	479		
								Arctic grayling	0	0.00
								Bull trout	1	1.26
								Mountain whitefish	25	20.20
			Crew 1	6	29-Sep-02	14:45	792	440		
								Arctic grayling	0	0.00
								Bull trout	4	5.05
								Mountain whitefish	76	61.87
	ES0212	SFC								
			Crew 2	1	24-Aug-02	13:15	1359	852		
								Arctic grayling	0	0.00
								Bull trout	1	0.74
								Mountain whitefish	75	27.23
			Crew 1	2	01-Sep-02	13:30	1359	778		
								Arctic grayling	0	0.00
								Bull trout	2	1.47
								Mountain whitefish	42	13.98
			Crew 2	3	10-Sep-02	13:00	1359	789		
								Arctic grayling	1	0.74
								Bull trout	1	0.74
								Mountain whitefish	128	39.75
			Crew 2	4	19-Sep-02	13:30	1359	855		
								Arctic grayling	0	0.00
								Bull trout	2	1.47
								Mountain whitefish	71	24.29
			Crew 1	5	25-Sep-02	15:15	1359	712		
								Arctic grayling	0	0.00
								Bull trout	2	1.47
								Mountain whitefish	46	13.98
			Crew 1	6	29-Sep-02	15:00	1359	682		
								Arctic grayling	0	0.00
								Bull trout	2	1.47
								Mountain whitefish	97	30.18

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0213	SFN							
			Crew 2	1 24-Aug-02 14:00	881	546	Arctic grayling	3	3.41
							Bull trout	1	1.14
							Mountain whitefish	95	51.09
			Crew 1	2 02-Sep-02 14:45	881	496	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	36	13.63
			Crew 2	3 10-Sep-02 10:45	881	488	Arctic grayling	0	0.00
							Bull trout	1	1.14
							Mountain whitefish	101	59.04
			Crew 2	4 18-Sep-02 10:45	881	656	Arctic grayling	1	1.14
							Bull trout	1	1.14
							Mountain whitefish	62	34.06
			Crew 1	5 25-Sep-02 15:30	881	499	Arctic grayling	1	1.14
							Bull trout	1	1.14
							Mountain whitefish	81	42.01
			Crew 1	6 29-Sep-02 11:30	881	470	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	82	45.42
	ES0214	SFN							
			Crew 2	1 24-Aug-02 15:15	708	596	Arctic grayling	0	0.00
							Bull trout	1	1.41
							Mountain whitefish	29	19.79
			Crew 1	2 01-Sep-02 12:30	708	321	Arctic grayling	0	0.00
							Bull trout	1	1.41
							Mountain whitefish	24	16.96
			Crew 2	3 10-Sep-02 16:00	708	403	Arctic grayling	0	0.00
							Bull trout	2	2.83
							Mountain whitefish	31	18.37
			Crew 2	4 17-Sep-02 16:30	708	392	Arctic grayling	0	0.00
							Bull trout	3	4.24
							Mountain whitefish	39	35.33
			Crew 1	5 25-Sep-02 14:45	708	331	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	30	21.20
			Crew 1	6 29-Sep-02 14:30	708	299	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	55	40.99

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 2									
	ES0215	SFC							
			Crew 2	1 24-Aug-02 17:00	1142	649	Arctic grayling	0	0.00
							Bull trout	4	3.50
							Mountain whitefish	56	16.64
			Crew 1	2 02-Sep-02 15:30	1142	590	Arctic grayling	0	0.00
							Bull trout	4	3.50
							Mountain whitefish	54	20.15
			Crew 2	3 10-Sep-02 9:15	1142	630	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	102	46.43
			Crew 2	4 18-Sep-02 9:15	1142	648	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	70	31.53
			Crew 1	5 25-Sep-02 16:00	1142	538	Arctic grayling	0	0.00
							Bull trout	4	3.50
							Mountain whitefish	51	19.27
			Crew 1	6 29-Sep-02 15:30	1142	557	Arctic grayling	0	0.00
							Bull trout	4	3.50
							Mountain whitefish	105	49.05
	ES0216	SFN							
			Crew 2	1 24-Aug-02 16:30	773	408	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	20	16.81
			Crew 1	2 02-Sep-02 16:00	773	362	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	24	16.81
			Crew 2	3 10-Sep-02 10:15	773	396	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	15	10.35
			Crew 2	4 18-Sep-02 10:15	773	437	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	13	9.05
			Crew 1	5 25-Sep-02 16:15	773	339	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	17	10.35
			Crew 1	6 29-Sep-02 16:00	773	360	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	21	15.52

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3									
	ES0301	SFC							
			Crew 2	1 25-Aug-02 14:30	1808	990	Arctic grayling	3	1.66
							Bull trout	1	0.55
							Mountain whitefish	63	16.59
			Crew 1	2 31-Aug-02 13:30	1808	≡+03	Arctic grayling	0	0.00
							Bull trout	1	0.55
							Mountain whitefish	11	2.21
			Crew 2	3 11-Sep-02 15:45	1808	≡+03	Arctic grayling	1	0.55
							Bull trout	3	1.66
							Mountain whitefish	69	19.36
			Crew 1	4 20-Sep-02 13:30	1808	869	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	34	9.40
			Crew 1	5 26-Sep-02 9:45	1808	867	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	28	6.64
			Crew 1	6 30-Sep-02 15:15	1808	768	Arctic grayling	1	0.55
							Bull trout	1	0.55
							Mountain whitefish	94	21.02
	ES0302	SFC							
			Crew 2	1 25-Aug-02 15:30	1840	706	Arctic grayling	0	0.00
							Bull trout	3	1.63
							Mountain whitefish	109	22.29
			Crew 1	2 31-Aug-02 15:00	1840	825	Arctic grayling	0	0.00
							Bull trout	2	1.09
							Mountain whitefish	61	14.13
			Crew 2	3 11-Sep-02 16:45	1840	890	Arctic grayling	0	0.00
							Bull trout	1	0.54
							Mountain whitefish	93	24.46
			Crew 1	4 21-Sep-02 14:45	1840	761	Arctic grayling	0	0.00
							Bull trout	6	3.26
							Mountain whitefish	73	17.39
			Crew 1	5 26-Sep-02 14:15	1840	752	Arctic grayling	0	0.00
							Bull trout	2	1.09
							Mountain whitefish	57	19.03
			Crew 1	6 30-Sep-02 10:15	1840	772	Arctic grayling	1	0.54
							Bull trout	2	1.09
							Mountain whitefish	87	24.46

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m) (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3								
	ES0303	SFC						
			Crew 2	1 25-Aug-02 16:30	1378 738	Arctic grayling	0	0.00
						Bull trout	1	0.73
						Mountain whitefish	50	13.06
			Crew 1	2 31-Aug-02 16:00	1378 682	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	15	5.81
			Crew 2	3 11-Sep-02 14:45	1378 727	Arctic grayling	0	0.00
						Bull trout	1	0.73
						Mountain whitefish	44	16.69
			Crew 1	4 21-Sep-02 15:30	1378 626	Arctic grayling	0	0.00
						Bull trout	1	0.73
						Mountain whitefish	29	8.71
			Crew 1	5 26-Sep-02 14:30	1378 632	Arctic grayling	0	0.00
						Bull trout	1	0.73
						Mountain whitefish	40	13.06
			Crew 1	6 30-Sep-02 11:00	1378 629	Arctic grayling	0	0.00
						Bull trout	3	2.18
						Mountain whitefish	95	39.19
	ES0304	SFN						
			Crew 2	1 25-Aug-02 17:30	1357 794	Arctic grayling	0	0.00
						Bull trout	1	0.74
						Mountain whitefish	74	24.32
			Crew 1	2 31-Aug-02 14:00	1357 789	Arctic grayling	1	0.74
						Bull trout	0	0.00
						Mountain whitefish	30	14.74
			Crew 2	3 11-Sep-02 14:00	1357 816	Arctic grayling	0	0.00
						Bull trout	2	1.47
						Mountain whitefish	55	21.37
			Crew 1	4 20-Sep-02 14:30	1357 723	Arctic grayling	1	0.74
						Bull trout	0	0.00
						Mountain whitefish	31	12.53
			Crew 1	5 26-Sep-02 14:45	1357 667	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	30	10.32
			Crew 1	6 30-Sep-02 15:45	1357 630	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	55	16.95

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 3										
	ES0305	SFN								
			Crew 2	1	26-Aug-02	9:45	1486	778		
									0	0.00
									1	0.67
									69	21.53
			Crew 1	2	31-Aug-02	16:30	1486	811		
									0	0.00
									3	2.02
									134	39.69
			Crew 2	3	11-Sep-02	11:15	1486	821		
									0	0.00
									2	1.35
									232	63.24
			Crew 1	4	20-Sep-02	15:30	1486	711		
									0	0.00
									2	1.35
									225	59.20
			Crew 1	5	26-Sep-02	15:00	1486	665		
									0	0.00
									0	0.00
									177	56.51
			Crew 1	6	30-Sep-02	11:15	1486	678		
									0	0.00
									2	1.35
									258	69.97
	ES0306	SFN								
			Crew 2	1	26-Aug-02	10:45	980	633		
									0	0.00
									0	0.00
									12	4.08
			Crew 1	2	04-Sep-02	15:30	980	510		
									0	0.00
									0	0.00
									30	12.25
			Crew 2	3	11-Sep-02	10:15	980	640		
									0	0.00
									1	1.02
									59	28.58
			Crew 1	4	20-Sep-02	16:45	980	508		
									0	0.00
									3	3.06
									43	18.37
			Crew 1	5	26-Sep-02	15:30	980	527		
									0	0.00
									5	5.10
									43	28.58
			Crew 1	6	30-Sep-02	11:45	980	513		
									0	0.00
									1	1.02
									60	30.62

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 3										
	ES0307	SFN								
			Crew 2	1	26-Aug-02	11:30	994	573		
									0	0.00
									0	0.00
									30	16.10
			Crew 1	2	04-Sep-02	12:00	994	657		
									0	0.00
									0	0.00
									82	56.35
			Crew 2	3	12-Sep-02	11:30	994	608		
									0	0.00
									0	0.00
									47	30.19
			Crew 1	4	21-Sep-02	13:15	994	543		
									0	0.00
									1	1.01
									27	14.09
			Crew 1	5	26-Sep-02	11:30	994	505		
									0	0.00
									1	1.01
									41	28.18
			Crew 1	6	30-Sep-02	14:30	994	439		
									0	0.00
									1	1.01
									37	25.16
	ES0308	SFN								
			Crew 2	1	26-Aug-02	12:15	1155	757		
									0	0.00
									2	1.73
									27	12.12
			Crew 1	2	04-Sep-02	13:45	1155	714		
									0	0.00
									0	0.00
									45	19.04
			Crew 2	3	12-Sep-02	10:45	1155	712		
									0	0.00
									0	0.00
									50	21.64
			Crew 1	4	21-Sep-02	14:00	1155	688		
									0	0.00
									2	1.73
									39	17.31
			Crew 1	5	26-Sep-02	12:00	1155	551		
									0	0.00
									0	0.00
									29	10.39
			Crew 1	6	30-Sep-02	14:45	1155	571		
									0	0.00
									1	0.87
									59	22.50



**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3									
	ES0309	SFN							
			Crew 2	1 26-Aug-02 13:30	855	510	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	23	14.03
			Crew 1	2 04-Sep-02 17:00	855	491	Arctic grayling	0	0.00
							Bull trout	3	3.51
							Mountain whitefish	24	15.20
			Crew 2	3 12-Sep-02 16:00	855	538	Arctic grayling	0	0.00
							Bull trout	1	1.17
							Mountain whitefish	29	15.20
			Crew 1	4 21-Sep-02 11:45	855	478	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	16	9.35
			Crew 1	5 26-Sep-02 12:30	855	454	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	11	5.85
			Crew 1	6 30-Sep-02 13:45	855	367	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	41	17.54
	ES0310	SFC							
			Crew 2	1 26-Aug-02 14:00	1208	758	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	68	33.94
			Crew 1	2 04-Sep-02 17:30	1208	698	Arctic grayling	0	0.00
							Bull trout	2	1.66
							Mountain whitefish	85	37.25
			Crew 2	3 12-Sep-02 15:30	1208	692	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	50	24.83
			Crew 1	4 21-Sep-02 12:45	1208	674	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	44	20.69
			Crew 1	5 26-Sep-02 12:45	1208	605	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	44	14.90
			Crew 1	6 30-Sep-02 14:00	1208	582	Arctic grayling	0	0.00
							Bull trout	1	0.83
							Mountain whitefish	96	32.28

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m) (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3								
	ES0311	SFC						
			Crew 2	1 26-Aug-02 15:00	1158 634	Arctic grayling	0	0.00
						Bull trout	2	1.73
						Mountain whitefish	32	12.10
			Crew 1	2 04-Sep-02 16:00	1158 594	Arctic grayling	1	0.86
						Bull trout	4	3.46
						Mountain whitefish	105	29.37
			Crew 2	3 12-Sep-02 13:30	1158 684	Arctic grayling	0	0.00
						Bull trout	5	4.32
						Mountain whitefish	104	34.56
			Crew 1	4 21-Sep-02 9:45	1158 561	Arctic grayling	0	0.00
						Bull trout	2	1.73
						Mountain whitefish	101	46.65
			Crew 1	5 26-Sep-02 15:45	1158 546	Arctic grayling	0	0.00
						Bull trout	1	0.86
						Mountain whitefish	139	55.29
			Crew 1	6 30-Sep-02 12:30	1158 540	Arctic grayling	0	0.00
						Bull trout	2	1.73
						Mountain whitefish	114	46.65
	ES0312	SFN						
			Crew 2	1 26-Aug-02 15:45	1343 749	Arctic grayling	0	0.00
						Bull trout	2	1.49
						Mountain whitefish	35	16.38
			Crew 1	2 04-Sep-02 18:15	1343 706	Arctic grayling	0	0.00
						Bull trout	1	0.74
						Mountain whitefish	42	11.91
			Crew 2	3 12-Sep-02 14:30	1343 782	Arctic grayling	0	0.00
						Bull trout	3	2.23
						Mountain whitefish	50	17.87
			Crew 1	4 21-Sep-02 10:45	1343 673	Arctic grayling	0	0.00
						Bull trout	7	5.21
						Mountain whitefish	65	26.06
			Crew 1	5 26-Sep-02 16:15	1343 637	Arctic grayling	0	0.00
						Bull trout	1	0.74
						Mountain whitefish	36	11.91
			Crew 1	6 30-Sep-02 13:00	1343 690	Arctic grayling	0	0.00
						Bull trout	2	1.49
						Mountain whitefish	60	25.32

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3									
	ES0313	SFC							
			Crew 2	1 26-Aug-02 16:45	1286	779	Arctic grayling	1	0.78
							Bull trout	4	3.11
							Mountain whitefish	74	28.77
			Crew 1	2 04-Sep-02 10:30	1286	718	Arctic grayling	2	1.55
							Bull trout	2	1.55
							Mountain whitefish	19	8.55
			Crew 2	3 11-Sep-02 13:15	1286	719	Arctic grayling	0	0.00
							Bull trout	1	0.78
							Mountain whitefish	38	20.99
			Crew 1	4 20-Sep-02 14:00	1286	612	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	11	6.22
			Crew 1	5 26-Sep-02 10:00	1286	587	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	23	10.88
			Crew 1	6 30-Sep-02 16:15	1286	500	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	8	2.33
	ES0314	SFC							
			Crew 2	1 26-Aug-02 17:45	960	669	Arctic grayling	1	1.04
							Bull trout	2	2.08
							Mountain whitefish	31	14.58
			Crew 1	2 31-Aug-02 18:00	960	599	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	2	2.08
			Crew 2	3 11-Sep-02 9:45	960	643	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	7	4.17
			Crew 1	4 20-Sep-02 10:30	960	693	Arctic grayling	1	1.04
							Bull trout	0	0.00
							Mountain whitefish	16	11.46
			Crew 1	5 26-Sep-02 10:15	960	544	Arctic grayling	1	1.04
							Bull trout	0	0.00
							Mountain whitefish	6	3.13
			Crew 1	6 30-Sep-02 16:30	960	430	Arctic grayling	0	0.00
							Bull trout	1	1.04
							Mountain whitefish	16	6.25

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m) (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3								
	ES0315	SFC						
			Crew 2	1 27-Aug-02 10:00	1674 972	Arctic grayling	0	0.00
						Bull trout	2	1.19
						Mountain whitefish	84	28.07
			Crew 1	2 04-Sep-02 11:15	1674 3+03	Arctic grayling	0	0.00
						Bull trout	1	0.60
						Mountain whitefish	68	19.11
			Crew 2	3 12-Sep-02 12:45	1674 3+03	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	51	17.32
			Crew 1	4 20-Sep-02 11:00	1674 3+03	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	57	17.32
			Crew 1	5 26-Sep-02 10:45	1674 850	Arctic grayling	2	1.19
						Bull trout	1	0.60
						Mountain whitefish	35	10.75
			Crew 1	6 30-Sep-02 16:45	1674 750	Arctic grayling	0	0.00
						Bull trout	1	0.60
						Mountain whitefish	69	17.32
	ES0316	SFC						
			Crew 2	1 27-Aug-02 11:00	1326 755	Arctic grayling	1	0.75
						Bull trout	2	1.51
						Mountain whitefish	87	23.38
			Crew 1	2 04-Sep-02 14:15	1326 706	Arctic grayling	8	6.03
						Bull trout	1	0.75
						Mountain whitefish	126	45.25
			Crew 2	3 12-Sep-02 9:45	1326 754	Arctic grayling	0	0.00
						Bull trout	3	2.26
						Mountain whitefish	81	33.94
			Crew 1	4 20-Sep-02 12:00	1326 685	Arctic grayling	1	0.75
						Bull trout	1	0.75
						Mountain whitefish	42	20.36
			Crew 1	5 26-Sep-02 11:00	1326 707	Arctic grayling	0	0.00
						Bull trout	3	2.26
						Mountain whitefish	78	43.74
			Crew 1	6 30-Sep-02 17:00	1326 598	Arctic grayling	1	0.75
						Bull trout	3	2.26
						Mountain whitefish	71	21.87

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 4									
	ES0401	SFC							
			Crew 2	1 27-Aug-02 12:15	1689	861	Arctic grayling	1	0.59
							Bull trout	1	0.59
							Mountain whitefish	65	20.13
			Crew 1	2 05-Sep-02 10:00	1689	790	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	44	14.81
			Crew 2	3 15-Sep-02 11:00	1689	936	Arctic grayling	0	0.00
							Bull trout	2	1.18
							Mountain whitefish	72	18.95
			Crew 1	4 23-Sep-02 16:15	1689	683	Arctic grayling	0	0.00
							Bull trout	1	0.59
							Mountain whitefish	33	7.11
			Crew 1	5 27-Sep-02 11:30	1689	768	Arctic grayling	0	0.00
							Bull trout	1	0.59
							Mountain whitefish	48	10.66
			Crew 1	6 01-Oct-02 13:15	1689	745	Arctic grayling	3	1.78
							Bull trout	0	0.00
							Mountain whitefish	62	14.21
	ES0402	SFN							
			Crew 2	1 27-Aug-02 15:30	1460	890	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	26	8.22
			Crew 1	2 05-Sep-02 11:15	1460	750	Arctic grayling	0	0.00
							Bull trout	1	0.69
							Mountain whitefish	33	14.39
			Crew 2	3 15-Sep-02 10:15	1460	823	Arctic grayling	1	0.69
							Bull trout	0	0.00
							Mountain whitefish	42	15.07
			Crew 1	4 22-Sep-02 11:45	1460	742	Arctic grayling	0	0.00
							Bull trout	1	0.69
							Mountain whitefish	40	15.07
			Crew 1	5 27-Sep-02 12:00	1460	742	Arctic grayling	1	0.69
							Bull trout	0	0.00
							Mountain whitefish	39	14.39
			Crew 1	6 01-Oct-02 13:30	1460	741	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	32	10.96

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m) (s)	Species	No. Recorded	CPUE (Fish/km)
Section 4								
	ES0403	SFN						
			Crew 2	1 27-Aug-02 13:15	1540 948	Arctic grayling	0	0.00
						Bull trout	1	0.65
						Mountain whitefish	32	12.98
			Crew 1	2 05-Sep-02 12:00	1540 955	Arctic grayling	0	0.00
						Bull trout	4	2.60
						Mountain whitefish	48	19.48
			Crew 2	3 15-Sep-02 12:00	1540 8+03	Arctic grayling	1	0.65
						Bull trout	0	0.00
						Mountain whitefish	47	13.63
			Crew 1	4 22-Sep-02 10:00	1540 761	Arctic grayling	0	0.00
						Bull trout	1	0.65
						Mountain whitefish	30	11.04
			Crew 1	5 27-Sep-02 12:30	1540 840	Arctic grayling	1	0.65
						Bull trout	2	1.30
						Mountain whitefish	51	19.48
			Crew 1	6 01-Oct-02 12:15	1540 752	Arctic grayling	0	0.00
						Bull trout	1	0.65
						Mountain whitefish	19	4.54
	ES0404	SFC						
			Crew 2	1 27-Aug-02 14:30	920 438	Arctic grayling	1	1.09
						Bull trout	2	2.18
						Mountain whitefish	63	35.89
			Crew 1	2 05-Sep-02 13:45	920 492	Arctic grayling	2	2.18
						Bull trout	3	3.26
						Mountain whitefish	116	60.90
			Crew 2	3 15-Sep-02 12:45	920 557	Arctic grayling	3	3.26
						Bull trout	2	2.18
						Mountain whitefish	101	40.24
			Crew 1	4 22-Sep-02 10:45	920 420	Arctic grayling	0	0.00
						Bull trout	1	1.09
						Mountain whitefish	106	57.64
			Crew 1	5 27-Sep-02 12:45	920 437	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	92	56.55
			Crew 1	6 01-Oct-02 12:45	920 434	Arctic grayling	1	1.09
						Bull trout	1	1.09
						Mountain whitefish	47	36.98

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 4									
	ES0405	SFC							
			Crew 2	1 27-Aug-02 16:15	1099	538	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	33	17.29
			Crew 1	2 06-Sep-02 10:15	1099	535	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	44	22.75
			Crew 2	3 14-Sep-02 16:30	1099	561	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	34	17.29
			Crew 1	4 22-Sep-02 13:00	1099	553	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	31	16.38
			Crew 1	5 27-Sep-02 14:15	1099	486	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	29	11.83
			Crew 1	6 01-Oct-02 14:30	1099	455	Arctic grayling	0	0.00
							Bull trout	1	0.91
							Mountain whitefish	14	6.37
	ES0406	SFC							
			Crew 2	1 27-Aug-02 17:00	1242	749	Arctic grayling	3	2.41
							Bull trout	4	3.22
							Mountain whitefish	125	37.03
			Crew 1	2 06-Sep-02 11:00	1242	665	Arctic grayling	3	2.41
							Bull trout	0	0.00
							Mountain whitefish	85	28.98
			Crew 2	3 14-Sep-02 15:30	1242	713	Arctic grayling	2	1.61
							Bull trout	2	1.61
							Mountain whitefish	62	27.37
			Crew 1	4 22-Sep-02 13:30	1242	668	Arctic grayling	2	1.61
							Bull trout	1	0.80
							Mountain whitefish	116	43.47
			Crew 1	5 27-Sep-02 14:30	1242	629	Arctic grayling	0	0.00
							Bull trout	0	0.00
							Mountain whitefish	71	26.56
			Crew 1	6 01-Oct-02 14:45	1242	524	Arctic grayling	0	0.00
							Bull trout	1	0.80
							Mountain whitefish	96	39.44

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time	Effort (m) (s)	Species	No. Recorded	CPUE (Fish/km)
Section 4								
	ES0407	SFC						
			Crew 2	1 27-Aug-02 17:45	935 542	Arctic grayling	1	1.07
						Bull trout	1	1.07
						Mountain whitefish	12	3.21
			Crew 1	2 06-Sep-02 12:00	935 579	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	17	9.63
			Crew 2	3 14-Sep-02 14:00	935 696	Arctic grayling	1	1.07
						Bull trout	1	1.07
						Mountain whitefish	25	11.76
			Crew 1	4 22-Sep-02 14:15	935 557	Arctic grayling	1	1.07
						Bull trout	1	1.07
						Mountain whitefish	48	19.25
			Crew 1	5 27-Sep-02 14:45	935 594	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	7	4.28
			Crew 1	6 01-Oct-02 15:00	935 512	Arctic grayling	1	1.07
						Bull trout	1	1.07
						Mountain whitefish	12	5.35
	ES0408	SFC						
			Crew 2	1 28-Aug-02 10:30	972 519	Arctic grayling	1	1.03
						Bull trout	0	0.00
						Mountain whitefish	24	17.49
			Crew 1	2 06-Sep-02 13:45	972 614	Arctic grayling	0	0.00
						Bull trout	1	1.03
						Mountain whitefish	29	13.37
			Crew 2	3 14-Sep-02 12:15	972 636	Arctic grayling	0	0.00
						Bull trout	0	0.00
						Mountain whitefish	35	20.57
			Crew 1	4 22-Sep-02 15:00	972 589	Arctic grayling	6	6.17
						Bull trout	3	3.09
						Mountain whitefish	48	26.74
			Crew 1	5 27-Sep-02 15:00	972 448	Arctic grayling	1	1.03
						Bull trout	0	0.00
						Mountain whitefish	9	3.09
			Crew 1	6 01-Oct-02 15:15	972 422	Arctic grayling	0	0.00
						Bull trout	2	2.06
						Mountain whitefish	41	15.43



**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 4										
	ES0409	SFC								
			Crew 2	1	28-Aug-02	11:15	1207	693		
								Arctic grayling	2	1.66
								Bull trout	0	0.00
								Mountain whitefish	125	48.04
			Crew 1	2	06-Sep-02	14:15	1207	641		
								Arctic grayling	2	1.66
								Bull trout	0	0.00
								Mountain whitefish	76	40.59
			Crew 2	3	14-Sep-02	11:15	1207	688		
								Arctic grayling	2	1.66
								Bull trout	0	0.00
								Mountain whitefish	80	38.93
			Crew 1	4	22-Sep-02	16:00	1207	607		
								Arctic grayling	4	3.31
								Bull trout	1	0.83
								Mountain whitefish	80	35.62
			Crew 1	5	27-Sep-02	15:15	1207	670		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	51	13.25
			Crew 1	6	01-Oct-02	15:30	1207	524		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	95	39.76
	ES0410	SFN								
			Crew 2	1	28-Aug-02	12:15	1265	738		
								Arctic grayling	0	0.00
								Bull trout	3	2.37
								Mountain whitefish	61	29.25
			Crew 1	2	06-Sep-02	17:00	1265	689		
								Arctic grayling	0	0.00
								Bull trout	2	1.58
								Mountain whitefish	56	20.55
			Crew 2	3	14-Sep-02	10:15	1265	723		
								Arctic grayling	0	0.00
								Bull trout	1	0.79
								Mountain whitefish	72	33.99
			Crew 1	4	23-Sep-02	15:15	1265	569		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	49	23.71
			Crew 1	5	27-Sep-02	16:15	1265	645		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	40	15.81
			Crew 1	6	01-Oct-02	16:30	1265	545		
								Arctic grayling	0	0.00
								Bull trout	2	1.58
								Mountain whitefish	76	30.83

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 4										
	ES0411	SFN								
			Crew 2	1	28-Aug-02	13:45	1291	724		
									0	0.00
									1	0.77
									54	19.37
			Crew 1	2	06-Sep-02	15:15	1291	730		
									0	0.00
									0	0.00
									23	6.97
			Crew 2	3	14-Sep-02	17:00	1291	774		
									0	0.00
									0	0.00
									40	17.82
			Crew 1	4	23-Sep-02	13:15	1291	633		
									0	0.00
									0	0.00
									26	6.97
			Crew 1	5	27-Sep-02	15:45	1291	576		
									0	0.00
									0	0.00
									18	5.42
			Crew 1	6	01-Oct-02	16:00	1291	531		
									0	0.00
									0	0.00
									50	21.70
	ES0412	SFN								
			Crew 2	1	28-Aug-02	14:30	1598	951		
									0	0.00
									1	0.63
									76	18.15
			Crew 1	2	06-Sep-02	16:00	1598	884		
									0	0.00
									5	3.13
									81	24.41
			Crew 2	3	14-Sep-02	14:45	1598	901		
									1	0.63
									1	0.63
									80	21.28
			Crew 1	4	23-Sep-02	13:45	1598	762		
									1	0.63
									2	1.25
									55	15.65
			Crew 1	5	27-Sep-02	16:00	1598	730		
									0	0.00
									0	0.00
									60	20.65
			Crew 1	6	01-Oct-02	16:15	1598	692		
									0	0.00
									3	1.88
									65	26.28

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 4										
	ES0413	SFC								
			Crew 2	1	28-Aug-02	15:30	1031	641		
								Arctic grayling	0	0.00
								Bull trout	1	0.97
								Mountain whitefish	22	7.76
			Crew 1	2	05-Sep-02	17:30	1031	645		
								Arctic grayling	0	0.00
								Bull trout	2	1.94
								Mountain whitefish	40	12.61
			Crew 2	3	15-Sep-02	14:30	1031	835		
								Arctic grayling	1	0.97
								Bull trout	0	0.00
								Mountain whitefish	25	9.70
			Crew 1	4	23-Sep-02	16:45	1031	545		
								Arctic grayling	0	0.00
								Bull trout	2	1.94
								Mountain whitefish	31	11.64
			Crew 1	5	27-Sep-02	11:15	1031	607		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	11	4.85
			Crew 1	6	01-Oct-02	12:00	1031	611		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	7	2.91
	ES0414	SFN								
			Crew 2	1	28-Aug-02	16:30	1384	795		
								Arctic grayling	1	0.72
								Bull trout	1	0.72
								Mountain whitefish	57	22.40
			Crew 1	2	05-Sep-02	15:00	1384	773		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	121	48.42
			Crew 2	3	15-Sep-02	16:45	1384	817		
								Arctic grayling	0	0.00
								Bull trout	2	1.45
								Mountain whitefish	109	44.08
			Crew 1	4	23-Sep-02	10:45	1384	680		
								Arctic grayling	1	0.72
								Bull trout	2	1.45
								Mountain whitefish	101	28.91
			Crew 1	5	27-Sep-02	10:00	1384	661		
								Arctic grayling	0	0.00
								Bull trout	1	0.72
								Mountain whitefish	53	17.34
			Crew 1	6	01-Oct-02	10:45	1384	639		
								Arctic grayling	2	1.45
								Bull trout	0	0.00
								Mountain whitefish	141	42.64

**Appendix D TableD1. Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Crew	Run, Date, and Time		Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 4										
	ES0415	SFC								
			Crew 2	1	28-Aug-02	17:15	1212	654		
								Arctic grayling	0	0.00
								Bull trout	1	0.83
								Mountain whitefish	41	18.15
			Crew 1	2	05-Sep-02	16:45	1212	605		
								Arctic grayling	3	2.48
								Bull trout	0	0.00
								Mountain whitefish	73	29.71
			Crew 2	3	15-Sep-02	15:00	1212	714		
								Arctic grayling	3	2.48
								Bull trout	1	0.83
								Mountain whitefish	79	37.13
			Crew 1	4	23-Sep-02	11:45	1212	588		
								Arctic grayling	1	0.83
								Bull trout	0	0.00
								Mountain whitefish	53	28.06
			Crew 1	5	27-Sep-02	10:30	1212	566		
								Arctic grayling	2	1.65
								Bull trout	4	3.30
								Mountain whitefish	37	18.15
			Crew 1	6	01-Oct-02	11:00	1212	553		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	47	13.20
	ES0416	SFN								
			Crew 2	1	28-Aug-02	18:00	1045	608		
								Arctic grayling	0	0.00
								Bull trout	1	0.96
								Mountain whitefish	74	35.41
			Crew 1	2	05-Sep-02	16:15	1045	513		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	59	19.14
			Crew 2	3	15-Sep-02	16:00	1045	695		
								Arctic grayling	0	0.00
								Bull trout	0	0.00
								Mountain whitefish	50	32.54
			Crew 1	4	23-Sep-02	9:45	1045	512		
								Arctic grayling	1	0.96
								Bull trout	0	0.00
								Mountain whitefish	48	26.80
			Crew 1	5	27-Sep-02	11:00	1045	532		
								Arctic grayling	1	0.96
								Bull trout	0	0.00
								Mountain whitefish	40	24.88
			Crew 1	6	01-Oct-02	11:30	1045	498		
								Arctic grayling	1	0.96
								Bull trout	1	0.96
								Mountain whitefish	49	26.80

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0101	SFN							
			1	21-Aug-02	10:00	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	30
						Observer 7	2	Mountain whitefish	30
			2	29-Aug-02	15:25				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	80
						Observer 6	2	Mountain whitefish	65
			3	07-Sep-02	10:28				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	75
						Observer 2	1	Mountain whitefish	50
			4	17-Sep-02	13:40				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	69
						Observer 4	2	Mountain whitefish	60
			5	24-Sep-02	9:48				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	85
						Observer 2	1	Mountain whitefish	75
			6	28-Sep-02	9:40				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	45
						Observer 2	1	Mountain whitefish	45

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0102	SFN							
			1	22-Aug-02	10:45	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	42
						Observer 7	2	Mountain whitefish	48
			2	29-Aug-02	14:25				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	75
						Observer 6	2	Mountain whitefish	45
			3	07-Sep-02	11:28				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	55
						Observer 2	1	Mountain whitefish	50
			4	17-Sep-02	12:50				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	47
						Observer 4	2	Mountain whitefish	32
			5	24-Sep-02	10:59				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	32
						Observer 2	1	Mountain whitefish	25
			6	28-Sep-02	10:51				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	30
						Observer 2	1	Mountain whitefish	50

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0103	SFC							
			1	21-Aug-02	11:15	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	38
						Observer 7	2	Mountain whitefish	30
			2	29-Aug-02	13:35				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	20
						Observer 6	2	Mountain whitefish	0
			3	07-Sep-02	13:23				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	20
						Observer 2	1	Mountain whitefish	11
			4	17-Sep-02	11:00				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	1
						Observer 4	2	Mountain whitefish	6
			5	24-Sep-02	10:12				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	4
			6	28-Sep-02	10:03				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0104	SFN							
			1	21-Aug-02	12:15	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	35
						Observer 7	2	Mountain whitefish	18
			2	29-Aug-02	12:50	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	10
						Observer 6	2	Mountain whitefish	12
			3	07-Sep-02	14:10	Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	36
						Observer 2	1	Mountain whitefish	40
			4	17-Sep-02	11:25	Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	11
						Observer 4	2	Mountain whitefish	6
			5	24-Sep-02	10:26	Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	13
			6	28-Sep-02	10:18	Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	19



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0105	SFC							
			1	22-Aug-02	9:50	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	2
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	33
						Observer 7	2	Mountain whitefish	22
			2	29-Aug-02	11:50	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	12
						Observer 6	2	Mountain whitefish	18
			3	07-Sep-02	14:48	Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	25
			4	17-Sep-02	10:15	Observer 1	1	Arctic grayling	2
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	4
						Observer 4	2	Mountain whitefish	9
			5	24-Sep-02	10:41	Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	5
			6	28-Sep-02	10:31	Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	12

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0106	SFN							
			1	21-Aug-02	14:30	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	7
						Observer 7	2	Mountain whitefish	3
			2	29-Aug-02	11:10				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	0
						Observer 6	2	Mountain whitefish	1
			3	07-Sep-02	15:40				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	1
			4	17-Sep-02	9:40				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	1
						Observer 4	2	Mountain whitefish	1
			5	24-Sep-02	11:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	2
			6	28-Sep-02	11:10				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	0
						Observer 2	1	Mountain whitefish	0

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0107	SFC							
			1	21-Aug-02	13:30	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	9
						Observer 7	2	Mountain whitefish	9
			2	29-Aug-02	10:30				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	4
						Observer 6	2	Mountain whitefish	2
			3	07-Sep-02	16:02				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	9
			4	16-Sep-02	16:20				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	2
						Observer 4	2	Mountain whitefish	14
			5	24-Sep-02	11:31				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	3
			6	28-Sep-02	11:22				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	10
						Observer 2	1	Mountain whitefish	7

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0108	SFN							
			1	21-Aug-02	15:00	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	11
						Observer 7	2	Mountain whitefish	17
			2	29-Aug-02	9:50				
						Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 6	2	Mountain whitefish	11
			3	08-Sep-02	9:25				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	20
						Observer 2	1	Mountain whitefish	9
			4	16-Sep-02	15:45				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	8
						Observer 4	2	Mountain whitefish	6
			5	24-Sep-02	11:44				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	2
			6	28-Sep-02	12:20				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0109	SFN							
			1	21-Aug-02	15:50	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	52
						Observer 7	2	Mountain whitefish	28
			2	30-Aug-02	10:42				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	52
						Observer 2	1	Mountain whitefish	35
			3	08-Sep-02	10:11				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	115
						Observer 2	1	Mountain whitefish	45
			4	16-Sep-02	15:05				
						Observer 1	1	Arctic grayling	1
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	12
						Observer 4	2	Mountain whitefish	14
			5	24-Sep-02	12:00				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	19
						Observer 2	1	Mountain whitefish	27
			6	28-Sep-02	12:35				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	22
						Observer 2	1	Mountain whitefish	22

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0110	SFC							
			1	21-Aug-02	13:45	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	9
						Observer 7	2	Mountain whitefish	9
			2	30-Aug-02	12:41				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	9
						Observer 2	1	Mountain whitefish	15
			3	08-Sep-02	11:32				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	17
			4	16-Sep-02	14:30				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	7
						Observer 4	2	Mountain whitefish	6
			5	24-Sep-02	13:16				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	5
			6	28-Sep-02	12:55				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	19
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0111	SFC							
			1	22-Aug-02	11:50	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	23
						Observer 7	2	Mountain whitefish	17
			2	30-Aug-02	13:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	3
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	5
						Observer 2	1	Mountain whitefish	9
			3	08-Sep-02	12:11				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	28
						Observer 2	1	Mountain whitefish	33
			4	16-Sep-02	13:40				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	1
						Observer 1	1	Mountain whitefish	16
						Observer 4	2	Mountain whitefish	24
			5	24-Sep-02	13:33				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	11
			6	28-Sep-02	13:15				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	22
						Observer 2	1	Mountain whitefish	20

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0112	SFC							
			1	21-Aug-02	16:56	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	71
						Observer 7	2	Mountain whitefish	42
			2	30-Aug-02	13:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	26
						Observer 2	1	Mountain whitefish	27
			3	08-Sep-02	13:30				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	49
						Observer 2	1	Mountain whitefish	75
			4	16-Sep-02	12:00				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	25
						Observer 4	2	Mountain whitefish	13
			5	24-Sep-02	13:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	20
						Observer 2	1	Mountain whitefish	17
			6	28-Sep-02	13:37				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	36
						Observer 2	1	Mountain whitefish	24



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0113	SFC							
			1	22-Aug-02	13:00	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	46
						Observer 7	2	Mountain whitefish	28
			2	30-Aug-02	16:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	21
						Observer 2	1	Mountain whitefish	11
			3	08-Sep-02	15:57				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	2
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	28
			4	16-Sep-02	10:35				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 4	2	Mountain whitefish	4
			5	24-Sep-02	14:09				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	11
			6	28-Sep-02	13:56				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	12

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0114	SFC							
			1	22-Aug-02	13:55	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	59
						Observer 7	2	Mountain whitefish	24
			2	30-Aug-02	15:00				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	19
			3	08-Sep-02	14:31				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	53
						Observer 2	1	Mountain whitefish	75
			4	16-Sep-02	11:10				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	26
						Observer 4	2	Mountain whitefish	14
			5	24-Sep-02	14:24				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	15
			6	28-Sep-02	14:10				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	22
						Observer 2	1	Mountain whitefish	18

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0115	SFC							
			1	22-Aug-02	15:05	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 7	2	Mountain whitefish	16
			2	30-Aug-02	15:25				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	14
			3	08-Sep-02	15:24				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	21
			4	16-Sep-02	9:20				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	8
						Observer 4	2	Mountain whitefish	6
			5	24-Sep-02	14:37				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	7
			6	28-Sep-02	14:25				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	13
						Observer 2	1	Mountain whitefish	13

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 1									
	ES0116	SFN							
			1	22-Aug-02	15:50	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	17
						Observer 7	2	Mountain whitefish	14
			2	30-Aug-02	16:58				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	25
						Observer 2	1	Mountain whitefish	21
			3	08-Sep-02	16:36				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	2
						Observer 3	1	Mountain whitefish	23
						Observer 2	1	Mountain whitefish	23
			4	16-Sep-02	9:55				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	2
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	13
						Observer 4	2	Mountain whitefish	7
			5	24-Sep-02	15:05				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	3
			6	28-Sep-02	15:02				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	5
Section 2									

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0201	SFC							
			1	23-Aug-02	10:30	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	56
						Observer 7	2	Mountain whitefish	46
			2	01-Sep-02	9:48				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	5
						Observer 2	1	Mountain whitefish	3
			3	09-Sep-02	10:55				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	2
						Observer 1	1	Mountain whitefish	6
						Observer 5	2	Mountain whitefish	20
			4	17-Sep-02	15:55				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 4	2	Mountain whitefish	20
			5	25-Sep-02	10:02				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	3
			6	29-Sep-02	9:55				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	25
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0202	SFC							
			1	23-Aug-02	11:40	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	19
						Observer 7	2	Mountain whitefish	12
			2	01-Sep-02	10:25				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	4
			3	09-Sep-02	11:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	8
						Observer 5	2	Mountain whitefish	12
			4	17-Sep-02	15:15				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	23
						Observer 4	2	Mountain whitefish	6
			5	25-Sep-02	10:21				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	10
						Observer 2	1	Mountain whitefish	11
			6	29-Sep-02	10:19				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	4

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0203	SFC							
			1	23-Aug-02	11:50	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	12
						Observer 1	1	Mountain whitefish	18
						Observer 7	2	Mountain whitefish	0
			2	01-Sep-02	11:17				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	5
			3	09-Sep-02	12:35				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	22
						Observer 5	2	Mountain whitefish	17
			4	19-Sep-02	10:00				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 1	1	Mountain whitefish	15
						Observer 3	1	Mountain whitefish	19
			5	25-Sep-02	10:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	5
			6	29-Sep-02	10:42				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	6

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0204	SFC							
			1	23-Aug-02	13:40	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	39
						Observer 7	2	Mountain whitefish	22
			2	01-Sep-02	15:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	6
			3	09-Sep-02	13:40				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	14
						Observer 5	2	Mountain whitefish	8
			4	19-Sep-02	11:45				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 1	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	9
			5	25-Sep-02	11:07				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	4
			6	29-Sep-02	11:00				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	15
						Observer 2	1	Mountain whitefish	7



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0205	SFC							
			1	23-Aug-02	13:45	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	39
						Observer 7	2	Mountain whitefish	21
			2	02-Sep-02	13:57				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	36
						Observer 2	1	Mountain whitefish	34
			3	09-Sep-02	17:20				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	31
						Observer 5	2	Mountain whitefish	65
			4	18-Sep-02	12:55				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	24
						Observer 4	2	Mountain whitefish	31
			5	25-Sep-02	11:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	26
						Observer 2	1	Mountain whitefish	16
			6	29-Sep-02	11:16				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	11

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0206	SFN							
			1	23-Aug-02	14:35	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	51
						Observer 7	2	Mountain whitefish	23
			2	01-Sep-02	14:28				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	47
						Observer 2	1	Mountain whitefish	33
			3	09-Sep-02	14:40				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	25
						Observer 5	2	Mountain whitefish	35
			4	19-Sep-02	10:45				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 1	1	Mountain whitefish	40
						Observer 3	1	Mountain whitefish	37
			5	25-Sep-02	12:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	23
						Observer 2	1	Mountain whitefish	30
			6	29-Sep-02	12:12				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0207	SFN							
			1	23-Aug-02	15:30	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	39
						Observer 7	2	Mountain whitefish	32
			2	02-Sep-02	11:30				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	39
						Observer 2	1	Mountain whitefish	38
			3	09-Sep-02	15:30				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	14
						Observer 5	2	Mountain whitefish	42
			4	18-Sep-02	13:45				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	18
						Observer 4	2	Mountain whitefish	25
			5	25-Sep-02	12:37				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	22
						Observer 2	1	Mountain whitefish	34
			6	29-Sep-02	12:25				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	10
						Observer 2	1	Mountain whitefish	4

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0208	SFC							
			1	23-Aug-02	16:30	Observer 1	1	Arctic grayling	1
						Observer 7	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	36
						Observer 7	2	Mountain whitefish	25
			2	02-Sep-02	12:16				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	34
						Observer 2	1	Mountain whitefish	26
			3	09-Sep-02	16:20				
						Observer 1	1	Arctic grayling	2
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	26
						Observer 5	2	Mountain whitefish	51
			4	18-Sep-02	11:35				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	17
						Observer 4	2	Mountain whitefish	26
			5	25-Sep-02	12:56				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	33
			6	29-Sep-02	12:41				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	43
						Observer 2	1	Mountain whitefish	13

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0209	SFN							
			1	24-Aug-02	10:00	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	13
						Observer 7	2	Mountain whitefish	32
			2	02-Sep-02	10:02				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	2
			3	10-Sep-02	14:55				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	2
						Observer 1	1	Mountain whitefish	32
						Observer 5	2	Mountain whitefish	45
			4	19-Sep-02	15:10				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 1	1	Mountain whitefish	21
						Observer 3	1	Mountain whitefish	38
			5	25-Sep-02	14:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	24
						Observer 2	1	Mountain whitefish	31
			6	29-Sep-02	14:03				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	7

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0210	SFN							
			1	24-Aug-02	10:50	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 7	2	Mountain whitefish	27
			2	02-Sep-02	10:25				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	13
			3	10-Sep-02	11:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	9
						Observer 5	2	Mountain whitefish	14
			4	19-Sep-02	12:10				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 3	1	Mountain whitefish	5
			5	25-Sep-02	14:24				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	10
						Observer 2	1	Mountain whitefish	3
			6	29-Sep-02	14:17				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	8

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0211	SFC							
			1	24-Aug-02	11:50	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	2
						Observer 1	1	Mountain whitefish	15
						Observer 7	2	Mountain whitefish	18
			2	01-Sep-02	12:57				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	7
			3	10-Sep-02	14:10				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	11
						Observer 5	2	Mountain whitefish	10
			4	19-Sep-02	14:20				
						Observer 3	1	Arctic grayling	1
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 1	1	Mountain whitefish	19
						Observer 3	1	Mountain whitefish	21
			5	25-Sep-02	15:03				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	6
			6	29-Sep-02	14:49				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	2
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	13

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0212	SFC							
			1	24-Aug-02	13:20	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	19
						Observer 7	2	Mountain whitefish	19
			2	01-Sep-02	13:37				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	6
			3	10-Sep-02	13:05				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	39
						Observer 5	2	Mountain whitefish	35
			4	19-Sep-02	13:30				
						Observer 3	1	Arctic grayling	0
						Observer 1	1	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 1	1	Mountain whitefish	20
						Observer 3	1	Mountain whitefish	18
			5	25-Sep-02	15:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	13
			6	29-Sep-02	15:13				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	39
						Observer 2	1	Mountain whitefish	17



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0213	SFN							
			1	24-Aug-02	14:10	Observer 1	1	Arctic grayling	2
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	31
						Observer 7	2	Mountain whitefish	19
			2	02-Sep-02	14:54				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	16
			3	10-Sep-02	10:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	20
						Observer 5	2	Mountain whitefish	29
			4	18-Sep-02	10:45				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	18
						Observer 4	2	Mountain whitefish	14
			5	25-Sep-02	15:43				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	33
						Observer 2	1	Mountain whitefish	11
			6	29-Sep-02	11:38				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	24

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0214	SFN							
			1	24-Aug-02	15:15	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	3
						Observer 7	2	Mountain whitefish	12
			2	01-Sep-02	12:34				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	6
			3	10-Sep-02	16:10				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 5	2	Mountain whitefish	12
			4	17-Sep-02	16:30				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	2
						Observer 1	1	Mountain whitefish	4
						Observer 4	2	Mountain whitefish	10
			5	25-Sep-02	14:45				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	4
			6	29-Sep-02	14:33				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	9

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0215	SFC							
			1	24-Aug-02	17:05	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	1
						Observer 1	1	Mountain whitefish	5
						Observer 7	2	Mountain whitefish	32
			2	02-Sep-02	15:34				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	17
			3	10-Sep-02	9:20				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	22
						Observer 5	2	Mountain whitefish	27
			4	18-Sep-02	9:20				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	15
						Observer 4	2	Mountain whitefish	19
			5	25-Sep-02	16:03				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	3
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	13
			6	29-Sep-02	15:38				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	31

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 2									
	ES0216	SFN							
			1	24-Aug-02	16:30	Observer 1	1	Arctic grayling	0
						Observer 7	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 7	2	Bull trout	0
						Observer 1	1	Mountain whitefish	1
						Observer 7	2	Mountain whitefish	6
			2	02-Sep-02	16:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	4
			3	10-Sep-02	10:20				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	1
						Observer 5	2	Mountain whitefish	6
			4	18-Sep-02	10:20				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	2
						Observer 4	2	Mountain whitefish	4
			5	25-Sep-02	16:19				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	2
			6	29-Sep-02	16:00				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	5
Section 3									

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0301	SFC							
			1	25-Aug-02	14:30	Observer 1	1	Arctic grayling	1
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	30
						Observer 6	2	Mountain whitefish	3
			2	31-Aug-02	13:35				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	5
			3	11-Sep-02	15:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	2
						Observer 1	1	Mountain whitefish	19
						Observer 5	2	Mountain whitefish	15
			4	20-Sep-02	13:32				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	11
						Observer 3	1	Mountain whitefish	6
			5	26-Sep-02	9:55				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	12
			6	30-Sep-02	15:25				
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	5
						Observer 2	1	Mountain whitefish	51

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0302	SFC							
			1	25-Aug-02	15:30	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	38
						Observer 6	2	Mountain whitefish	30
			2	31-Aug-02	15:07				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	19
						Observer 2	1	Mountain whitefish	16
			3	11-Sep-02	16:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	13
						Observer 5	2	Mountain whitefish	35
			4	21-Sep-02	14:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	2
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	36
			5	26-Sep-02	14:15				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	15
						Observer 2	1	Mountain whitefish	7
			6	30-Sep-02	10:26				
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	28

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0303	SFC							
			1	25-Aug-02	16:40	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	10
						Observer 6	2	Mountain whitefish	22
			2	31-Aug-02	16:12				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	3
			3	11-Sep-02	14:55				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	4
						Observer 5	2	Mountain whitefish	17
			4	21-Sep-02	15:33				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	
						Observer 2	1	Bull trout	
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	
						Observer 3	1	Mountain whitefish	17
			5	26-Sep-02	14:34				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	5
			6	30-Sep-02	11:00				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	20
						Observer 2	1	Mountain whitefish	21

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0304	SFN							
			1	25-Aug-02	17:30	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	23
						Observer 6	2	Mountain whitefish	18
			2	31-Aug-02	14:14				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	3
			3	11-Sep-02	14:10				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	13
						Observer 5	2	Mountain whitefish	13
			4	20-Sep-02	14:36				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	9
			5	26-Sep-02	14:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	8
			6	30-Sep-02	15:51				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	26



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0305	SFN							
			1	26-Aug-02	9:50	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	19
						Observer 6	2	Mountain whitefish	18
			2	31-Aug-02	16:42				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	46
						Observer 2	1	Mountain whitefish	29
			3	11-Sep-02	11:20				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	83
						Observer 5	2	Mountain whitefish	55
			4	20-Sep-02	15:30				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	37
						Observer 3	1	Mountain whitefish	100
			5	26-Sep-02	15:11				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	75
						Observer 2	1	Mountain whitefish	18
			6	30-Sep-02	11:27				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	97
						Observer 2	1	Mountain whitefish	57

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0306	SFN							
			1	26-Aug-02	10:50	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	3
						Observer 6	2	Mountain whitefish	5
			2	04-Sep-02	15:41				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	7
			3	11-Sep-02	10:20				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	18
						Observer 5	2	Mountain whitefish	13
			4	20-Sep-02	16:58				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	9
						Observer 3	1	Mountain whitefish	16
			5	26-Sep-02	15:37				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	2
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	8
			6	30-Sep-02	11:58				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	13
						Observer 2	1	Mountain whitefish	17

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0307	SFN							
			1	26-Aug-02	11:40	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 6	2	Mountain whitefish	8
			2	04-Sep-02	12:13				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	9
			3	12-Sep-02	11:30				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	9
						Observer 5	2	Mountain whitefish	8
			4	21-Sep-02	13:28				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	8
			5	26-Sep-02	11:35				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	9
						Observer 2	1	Mountain whitefish	4
			6	30-Sep-02	14:35				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0308	SFN							
			1	26-Aug-02	12:15	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 6	2	Mountain whitefish	7
			2	04-Sep-02	13:48				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	15
						Observer 2	1	Mountain whitefish	8
			3	12-Sep-02	10:45				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	10
						Observer 5	2	Mountain whitefish	15
			4	21-Sep-02	14:02				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Mountain whitefish	11
						Observer 3	1	Mountain whitefish	8
			5	26-Sep-02	12:12				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	14
						Observer 2	1	Mountain whitefish	3
			6	30-Sep-02	14:53				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	15

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0309	SFN							
			1	26-Aug-02	13:30	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 6	2	Mountain whitefish	6
			2	04-Sep-02	17:00				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	3
			3	12-Sep-02	16:10				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	4
						Observer 5	2	Mountain whitefish	12
			4	21-Sep-02	11:53				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	3
						Observer 3	1	Mountain whitefish	5
			5	26-Sep-02	12:31				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	3
			6	30-Sep-02	13:58				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	19

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0310	SFC							
			1	26-Aug-02	14:05	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	19
						Observer 6	2	Mountain whitefish	8
			2	04-Sep-02	17:32				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	28
			3	12-Sep-02	15:35				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 5	2	Mountain whitefish	15
			4	21-Sep-02	12:57				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	14
						Observer 3	1	Mountain whitefish	5
			5	26-Sep-02	12:49				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	21
						Observer 2	1	Mountain whitefish	5
			6	30-Sep-02	14:13				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	13
						Observer 2	1	Mountain whitefish	44

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0311	SFC							
			1	26-Aug-02	15:00	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 6	2	Mountain whitefish	13
			2	04-Sep-02	16:12				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	44
						Observer 2	1	Mountain whitefish	27
			3	12-Sep-02	13:35				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	2
						Observer 1	1	Mountain whitefish	19
						Observer 5	2	Mountain whitefish	45
			4	21-Sep-02	9:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	11
						Observer 3	1	Mountain whitefish	36
			5	26-Sep-02	15:59				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	43
						Observer 2	1	Mountain whitefish	32
			6	30-Sep-02	12:33				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	32
						Observer 2	1	Mountain whitefish	28

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0312	SFN							
			1	26-Aug-02	15:55	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	9
						Observer 6	2	Mountain whitefish	4
			2	04-Sep-02	18:26				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	9
			3	12-Sep-02	14:40				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	1
						Observer 1	1	Mountain whitefish	11
						Observer 5	2	Mountain whitefish	15
			4	21-Sep-02	10:55				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	5
						Observer 2	1	Mountain whitefish	9
						Observer 3	1	Mountain whitefish	21
			5	26-Sep-02	16:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	15
						Observer 2	1	Mountain whitefish	5
			6	30-Sep-02	13:00				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	2
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	9



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0313	SFC							
			1	26-Aug-02	16:55	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	7
						Observer 6	2	Mountain whitefish	30
			2	04-Sep-02	10:41				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	5
			3	11-Sep-02	13:15				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	4
						Observer 5	2	Mountain whitefish	7
			4	20-Sep-02	14:05				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	3
						Observer 3	1	Mountain whitefish	0
			5	26-Sep-02	10:13				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	7
			6	30-Sep-02	16:21				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	4

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0314	SFC							
			1	26-Aug-02	17:45	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	2
						Observer 1	1	Mountain whitefish	7
						Observer 6	2	Mountain whitefish	10
			2	31-Aug-02	18:00				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	0
						Observer 2	1	Mountain whitefish	0
			3	11-Sep-02	9:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	2
						Observer 5	2	Mountain whitefish	1
			4	20-Sep-02	10:33				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	2
						Observer 3	1	Mountain whitefish	3
			5	26-Sep-02	10:27				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	2
			6	30-Sep-02	16:32				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	9

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0315	SFC							
			1	27-Aug-02	10:10	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	12
						Observer 6	2	Mountain whitefish	25
			2	04-Sep-02	11:21				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	27
						Observer 2	1	Mountain whitefish	9
			3	12-Sep-02	12:55				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	15
						Observer 5	2	Mountain whitefish	7
			4	20-Sep-02	11:14				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	23
			5	26-Sep-02	10:49				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	5
			6	30-Sep-02	16:49				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	33

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 3									
	ES0316	SFC							
			1	27-Aug-02	11:05	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	31
						Observer 6	2	Mountain whitefish	25
			2	04-Sep-02	14:18				
						Observer 3	1	Arctic grayling	2
						Observer 2	1	Arctic grayling	3
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	20
						Observer 2	1	Mountain whitefish	46
			3	12-Sep-02	9:50				
						Observer 1	1	Arctic grayling	0
						Observer 5	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 5	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 5	2	Mountain whitefish	20
			4	20-Sep-02	12:04				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	7
						Observer 3	1	Mountain whitefish	8
			5	26-Sep-02	11:09				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	4
			6	30-Sep-02	17:06				
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	35
Section 4									

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0401	SFC							
			1	27-Aug-02	12:20	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 6	2	Mountain whitefish	15
			2	05-Sep-02	10:14				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	5
						Observer 2	1	Mountain whitefish	14
			3	15-Sep-02	11:10				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	16
						Observer 4	2	Mountain whitefish	24
			4	23-Sep-02	16:16				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	16
						Observer 3	1	Mountain whitefish	5
			5	27-Sep-02	11:43				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	13
			6	01-Oct-02	13:18				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	28
						Observer 2	1	Mountain whitefish	10

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0402	SFN							
			1	27-Aug-02	15:35	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 6	2	Mountain whitefish	8
			2	05-Sep-02	11:16				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	6
			3	15-Sep-02	10:15				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	7
						Observer 4	2	Mountain whitefish	13
			4	22-Sep-02	11:52				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	6
						Observer 3	1	Mountain whitefish	12
			5	27-Sep-02	12:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	7
			6	01-Oct-02	13:40				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	4

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0403	SFN							
			1	27-Aug-02	13:15	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	7
						Observer 6	2	Mountain whitefish	5
			2	05-Sep-02	12:05				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	3
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	7
			3	15-Sep-02	12:00				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 4	2	Mountain whitefish	21
			4	22-Sep-02	10:09				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	4
						Observer 3	1	Mountain whitefish	9
			5	27-Sep-02	12:32				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	9
			6	01-Oct-02	12:29				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	5

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0404	SFC							
			1	27-Aug-02	14:30	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	2
						Observer 1	1	Mountain whitefish	15
						Observer 6	2	Mountain whitefish	15
			2	05-Sep-02	13:54				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	41
						Observer 2	1	Mountain whitefish	19
			3	15-Sep-02	12:55				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	1
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	40
						Observer 4	2	Mountain whitefish	24
			4	22-Sep-02	10:48				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	23
						Observer 3	1	Mountain whitefish	30
			5	27-Sep-02	12:55				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	24
			6	01-Oct-02	12:46				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	7



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0405	SFC							
			1	27-Aug-02	16:15	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	8
						Observer 6	2	Mountain whitefish	6
			2	06-Sep-02	10:27				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	12
			3	14-Sep-02	16:30				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 4	2	Mountain whitefish	9
			4	22-Sep-02	13:04				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	7
						Observer 3	1	Mountain whitefish	6
			5	27-Sep-02	14:18				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	10
						Observer 2	1	Mountain whitefish	6
			6	01-Oct-02	14:37				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	3

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0406	SFC							
			1	27-Aug-02	17:05	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	3
						Observer 1	1	Mountain whitefish	54
						Observer 6	2	Mountain whitefish	25
			2	06-Sep-02	11:10				
						Observer 3	1	Arctic grayling	2
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	11
						Observer 2	1	Mountain whitefish	38
			3	14-Sep-02	15:40				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	21
						Observer 4	2	Mountain whitefish	7
			4	22-Sep-02	13:34				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	42
						Observer 3	1	Mountain whitefish	20
			5	27-Sep-02	14:34				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	22
			6	01-Oct-02	14:51				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	13
						Observer 2	1	Mountain whitefish	34

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0407	SFC							
			1	27-Aug-02	17:55	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	1
						Observer 6	2	Mountain whitefish	8
			2	06-Sep-02	12:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	5
			3	14-Sep-02	14:05				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	1
						Observer 1	1	Mountain whitefish	8
						Observer 4	2	Mountain whitefish	6
			4	22-Sep-02	14:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	17
						Observer 3	1	Mountain whitefish	13
			5	27-Sep-02	14:51				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	2
			6	01-Oct-02	15:07				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	4

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0408	SFC							
			1	28-Aug-02	10:30	Observer 1	1	Arctic grayling	1
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	2
						Observer 6	2	Mountain whitefish	5
			2	06-Sep-02	13:50				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	15
			3	14-Sep-02	12:20				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	6
						Observer 4	2	Mountain whitefish	9
			4	22-Sep-02	15:06				
						Observer 3	1	Arctic grayling	3
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	19
						Observer 3	1	Mountain whitefish	3
			5	27-Sep-02	15:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	4
			6	01-Oct-02	15:22				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	1
						Observer 2	1	Mountain whitefish	25

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0409	SFC							
			1	28-Aug-02	11:20	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	25
						Observer 6	2	Mountain whitefish	42
			2	06-Sep-02	14:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	11
			3	14-Sep-02	11:20				
						Observer 1	1	Arctic grayling	1
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	13
						Observer 4	2	Mountain whitefish	20
			4	22-Sep-02	16:12				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	3
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	12
						Observer 3	1	Mountain whitefish	25
			5	27-Sep-02	15:23				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	25
						Observer 2	1	Mountain whitefish	10
			6	01-Oct-02	15:38				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	13
						Observer 2	1	Mountain whitefish	34

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0410	SFN							
			1	28-Aug-02	12:25	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	1
						Observer 1	1	Mountain whitefish	12
						Observer 6	2	Mountain whitefish	12
			2	06-Sep-02	17:00				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	17
						Observer 2	1	Mountain whitefish	13
			3	14-Sep-02	10:15				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	18
						Observer 4	2	Mountain whitefish	11
			4	23-Sep-02	15:24				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	7
						Observer 3	1	Mountain whitefish	12
			5	27-Sep-02	16:26				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	12
			6	01-Oct-02	16:43				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	25

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0411	SFN							
			1	28-Aug-02	13:50	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	11
						Observer 6	2	Mountain whitefish	18
			2	06-Sep-02	15:20				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	7
						Observer 2	1	Mountain whitefish	7
			3	14-Sep-02	17:05				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	8
						Observer 4	2	Mountain whitefish	9
			4	23-Sep-02	13:24				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	12
			5	27-Sep-02	15:47				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	6
						Observer 2	1	Mountain whitefish	5
			6	01-Oct-02	16:05				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	12
						Observer 2	1	Mountain whitefish	10

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0412	SFN							
			1	28-Aug-02	14:40	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	15
						Observer 6	2	Mountain whitefish	32
			2	06-Sep-02	16:10				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	3
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	29
						Observer 2	1	Mountain whitefish	13
			3	14-Sep-02	14:45				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	1
						Observer 1	1	Mountain whitefish	21
						Observer 4	2	Mountain whitefish	25
			4	23-Sep-02	13:57				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Mountain whitefish	8
						Observer 3	1	Mountain whitefish	22
			5	27-Sep-02	16:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	16
						Observer 2	1	Mountain whitefish	11
			6	01-Oct-02	16:24				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	3
						Observer 3	1	Mountain whitefish	18
						Observer 2	1	Mountain whitefish	5



**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0413	SFC							
			1	28-Aug-02	15:40	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	2
						Observer 6	2	Mountain whitefish	12
			2	05-Sep-02	17:35				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	26
						Observer 2	1	Mountain whitefish	1
			3	15-Sep-02	14:30				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	3
						Observer 4	2	Mountain whitefish	12
			4	23-Sep-02	16:46				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 2	1	Mountain whitefish	5
						Observer 3	1	Mountain whitefish	14
			5	27-Sep-02	11:25				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	3
						Observer 2	1	Mountain whitefish	3
			6	01-Oct-02	12:09				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	2
						Observer 2	1	Mountain whitefish	2

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0414	SFN							
			1	28-Aug-02	16:30	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	1
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	5
						Observer 6	2	Mountain whitefish	21
			2	05-Sep-02	15:08				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	21
						Observer 2	1	Mountain whitefish	33
			3	15-Sep-02	16:55				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	1
						Observer 1	1	Mountain whitefish	29
						Observer 4	2	Mountain whitefish	19
			4	23-Sep-02	10:53				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	19
						Observer 3	1	Mountain whitefish	42
			5	27-Sep-02	10:12				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	25
						Observer 2	1	Mountain whitefish	4
			6	01-Oct-02	10:48				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	61
						Observer 2	1	Mountain whitefish	21

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0415	SFC							
			1	28-Aug-02	17:20	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	7
						Observer 6	2	Mountain whitefish	12
			2	05-Sep-02	16:51				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	1
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	4
						Observer 2	1	Mountain whitefish	33
			3	15-Sep-02	15:10				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	13
						Observer 4	2	Mountain whitefish	21
			4	23-Sep-02	11:45				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	9
						Observer 3	1	Mountain whitefish	10
			5	27-Sep-02	10:32				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	2
						Observer 2	1	Bull trout	2
						Observer 3	1	Mountain whitefish	8
						Observer 2	1	Mountain whitefish	7
			6	01-Oct-02	11:12				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 3	1	Mountain whitefish	21
						Observer 2	1	Mountain whitefish	10

**Appendix D TableD2. Observer experience and number of fish observed during Phase 2 of the Peace River Fish Community Indexing Program, 2002.**

Section	Site	Habitat	Run	Date	Time	Observer	Experience	Species	Number
Section 4									
	ES0416	SFN							
			1	28-Aug-02	18:05	Observer 1	1	Arctic grayling	0
						Observer 6	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 6	2	Bull trout	0
						Observer 1	1	Mountain whitefish	15
						Observer 6	2	Mountain whitefish	22
			2	05-Sep-02	16:18				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	26
						Observer 2	1	Mountain whitefish	13
			3	15-Sep-02	16:10				
						Observer 1	1	Arctic grayling	0
						Observer 4	2	Arctic grayling	0
						Observer 1	1	Bull trout	0
						Observer 4	2	Bull trout	0
						Observer 1	1	Mountain whitefish	7
						Observer 4	2	Mountain whitefish	9
			4	23-Sep-02	9:57				
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Arctic grayling	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Mountain whitefish	7
						Observer 3	1	Mountain whitefish	13
			5	27-Sep-02	11:05				
						Observer 3	1	Arctic grayling	0
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Bull trout	0
						Observer 2	1	Bull trout	0
						Observer 3	1	Mountain whitefish	9
						Observer 2	1	Mountain whitefish	5
			6	01-Oct-02	11:38				
						Observer 2	1	Arctic grayling	0
						Observer 3	1	Arctic grayling	1
						Observer 2	1	Bull trout	0
						Observer 3	1	Bull trout	1
						Observer 3	1	Mountain whitefish	9
						Observer 2	1	Mountain whitefish	12

**APPENDIX E**  
**Population Estimates**

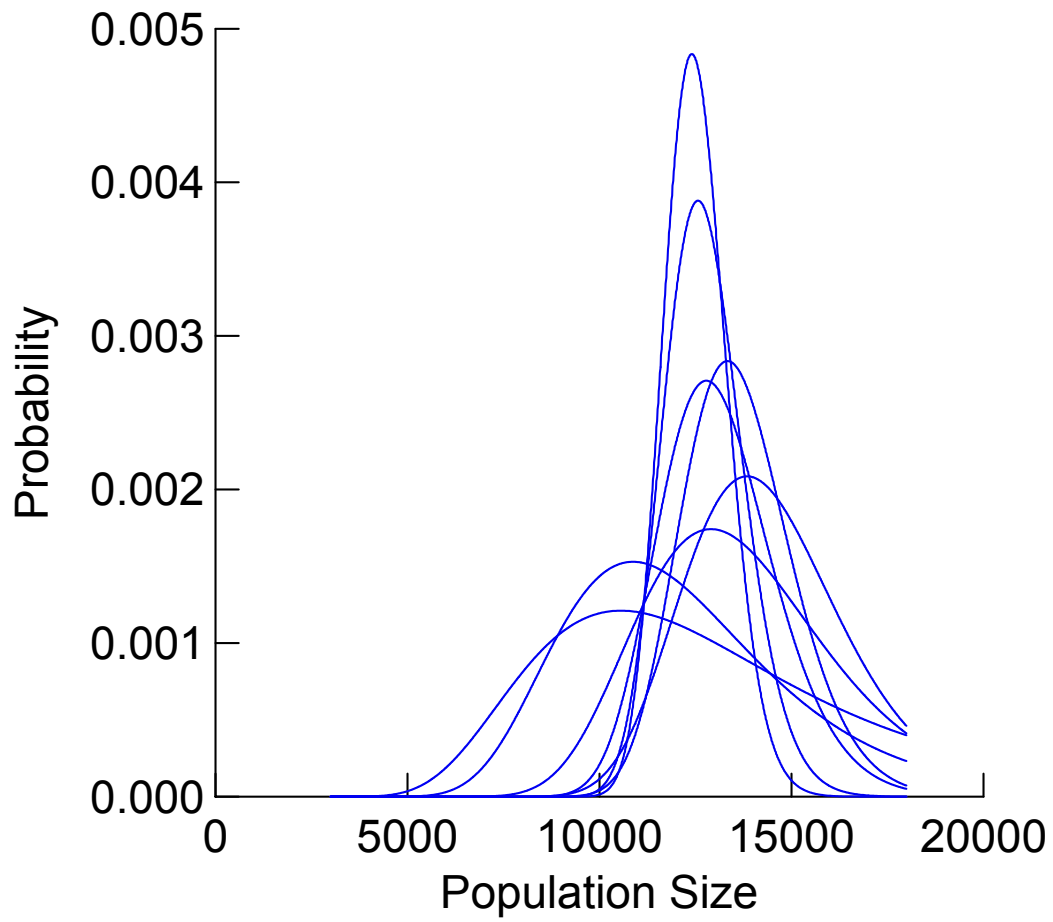


Figure E1. Posterior distributions of mountain whitefish population estimates in Section One during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

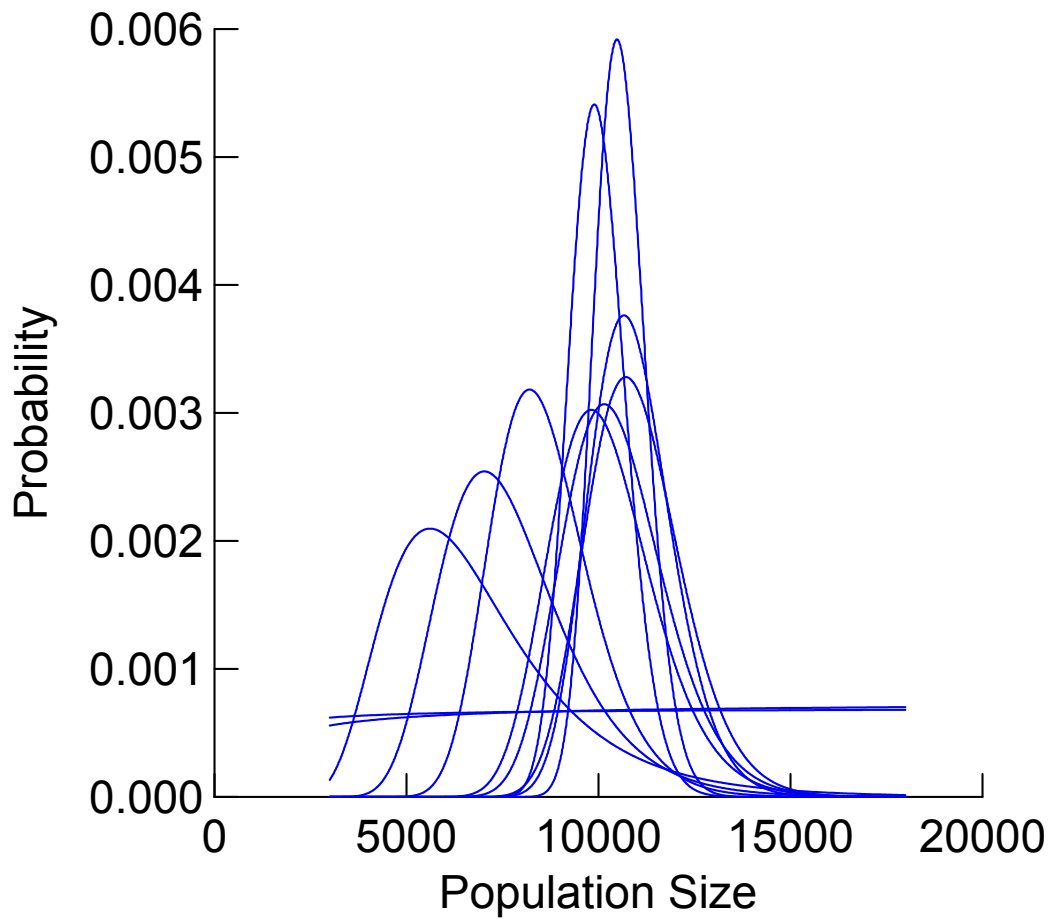


Figure E2. Posterior distributions of mountain whitefish population estimates in Section Two during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

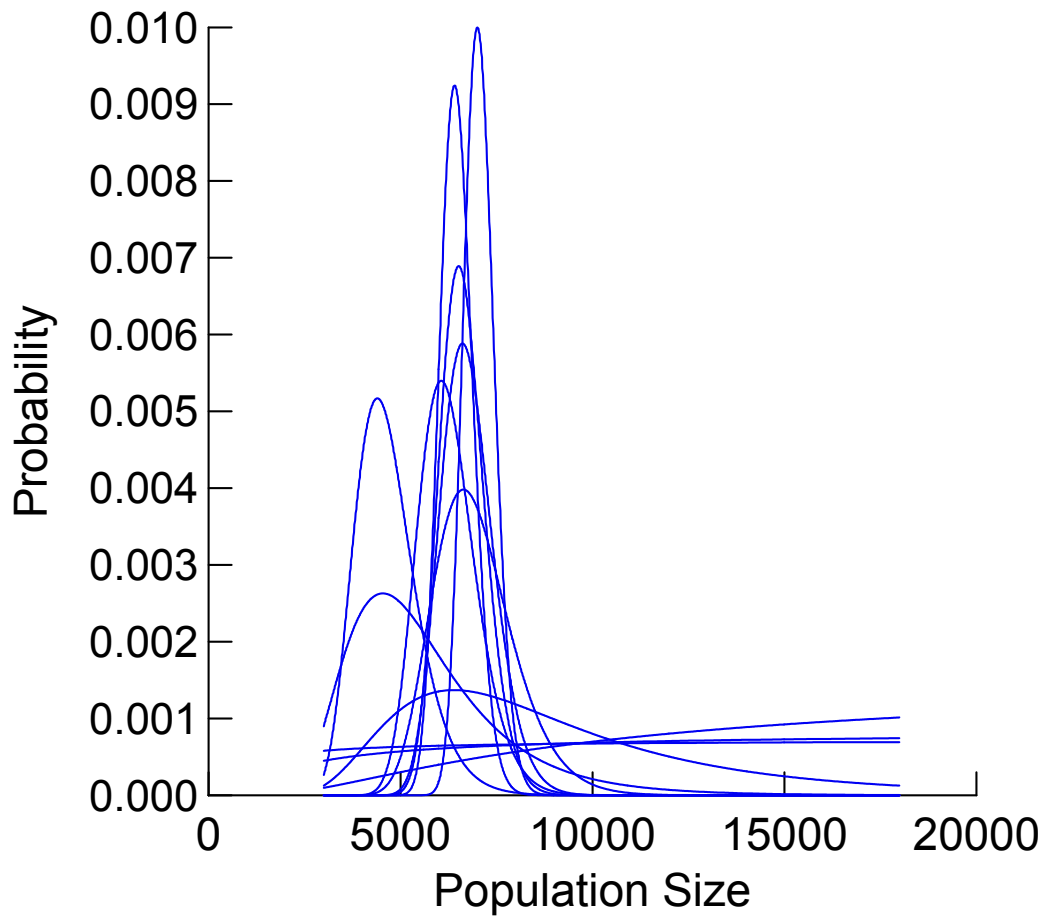


Figure E3. Posterior distributions of mountain whitefish population estimates in Section Three during Phase 2 of the Peace River Fish Community Indexing Program, 2002.



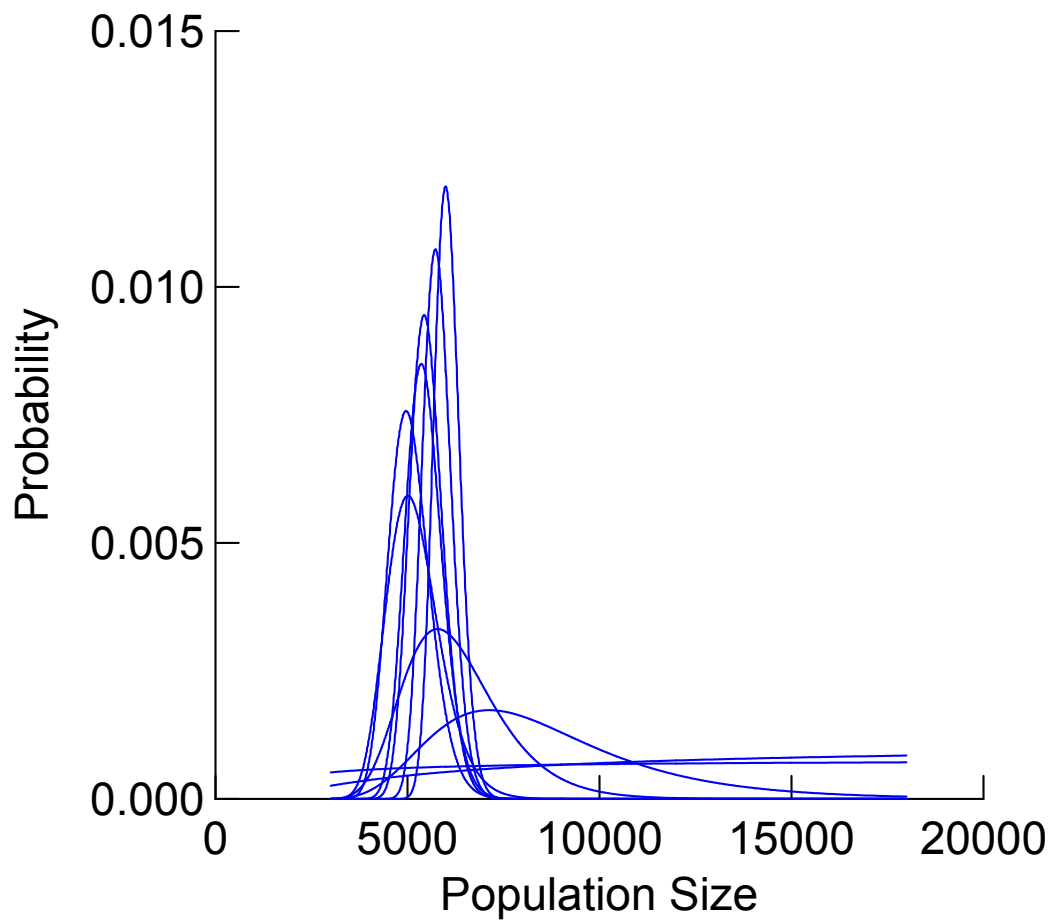


Figure E4. Posterior distributions of mountain whitefish population estimates in Section Four during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

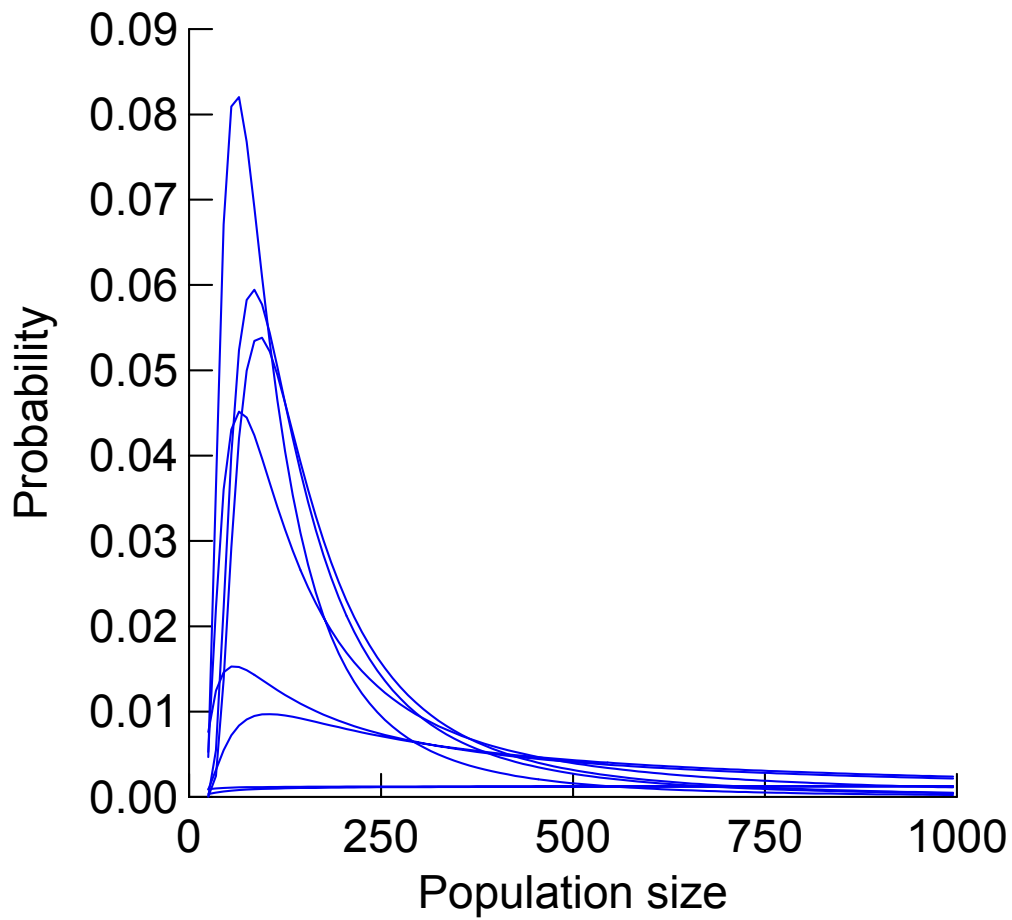


Figure E5. Posterior distributions of Arctic grayling population estimates in Section Four during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

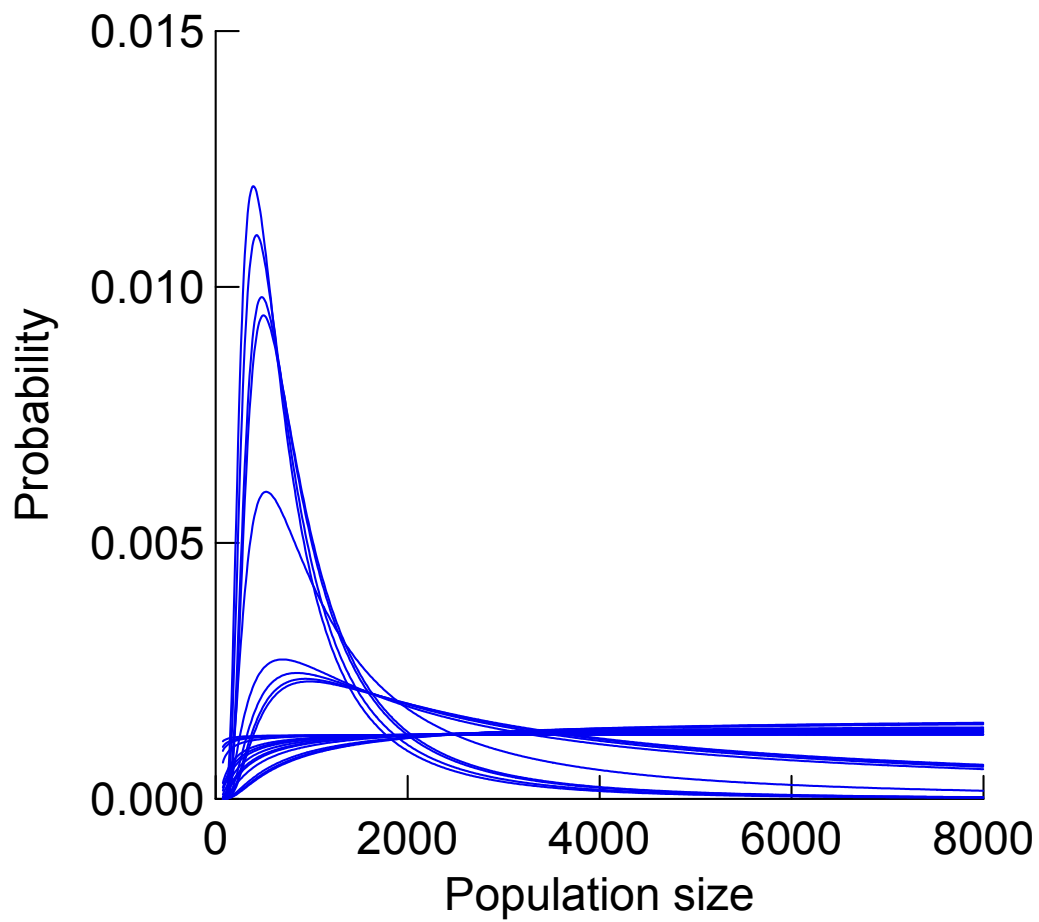


Figure E6. Posterior distributions of Arctic grayling population estimates in all sections during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

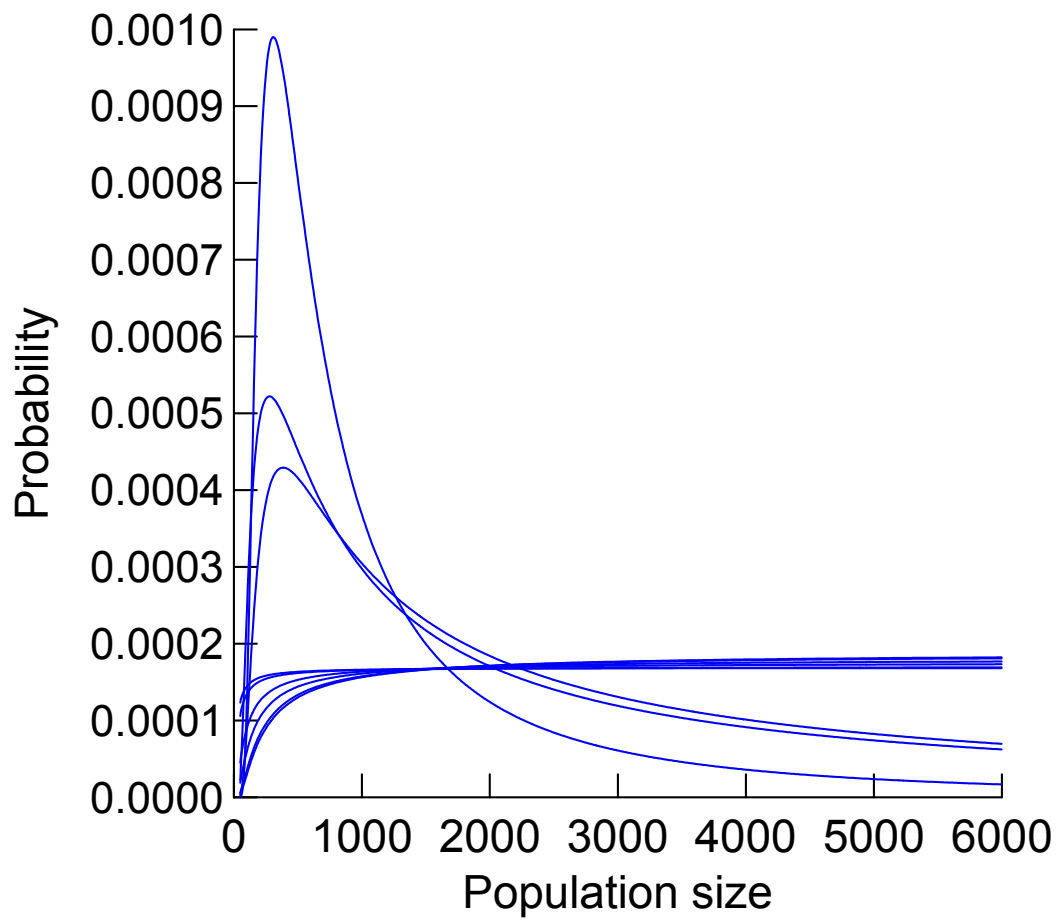


Figure E7. Posterior distributions of bull trout population estimates in Section Two during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

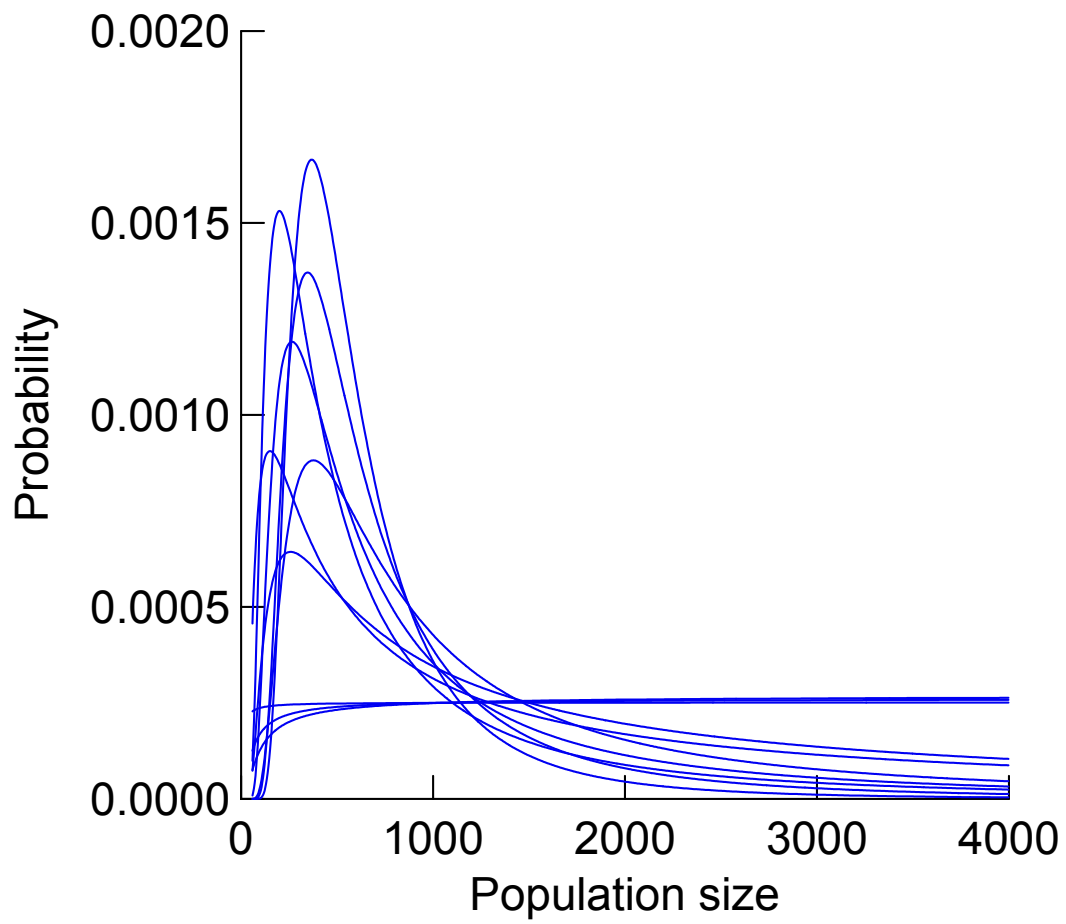


Figure E8. Posterior distributions of bull trout population estimates in Section Three during Phase 2 of the Peace River Fish Community Indexing Program, 2002.

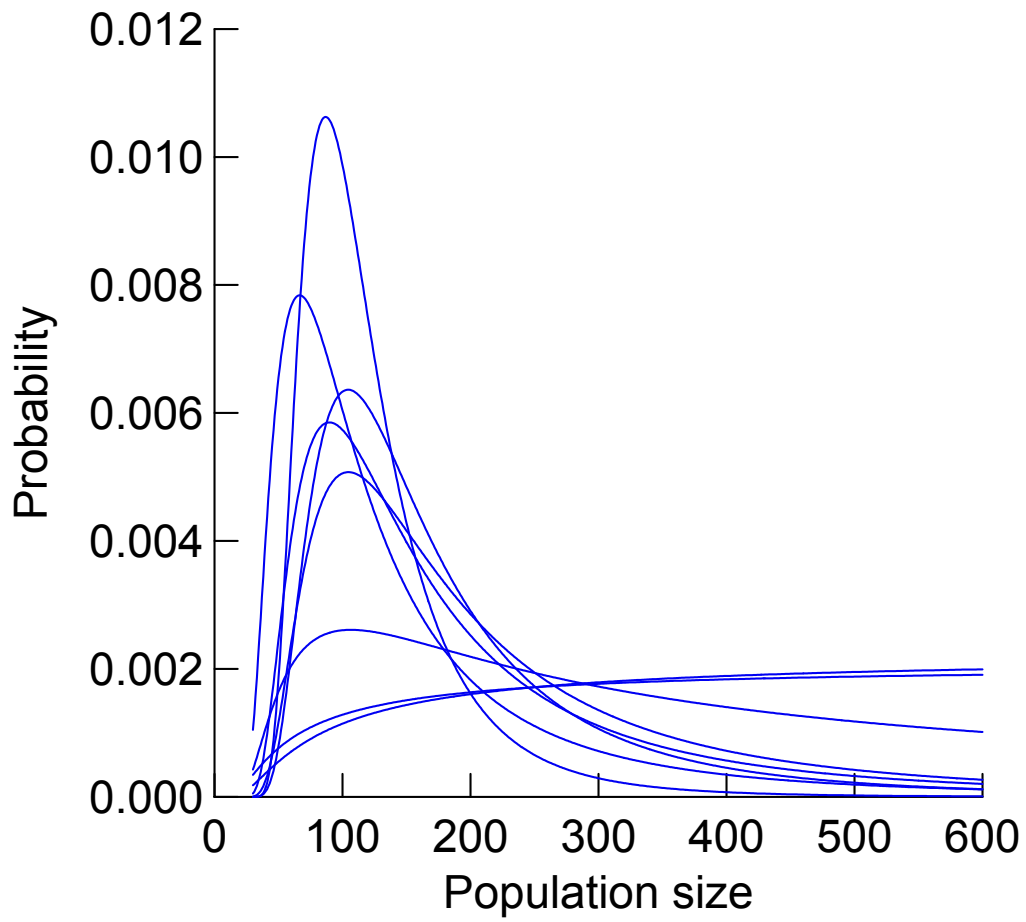


Figure E9. Posterior distributions of bull trout population estimates in Section Four during Phase 2 of the Peace River Fish Community Indexing Program, 2002.