



## **Site C Clean Energy Project**

### **Contingent Fish Capture and Transport**

#### **Construction Year 8 (2022)**

**Demitria Burgoon, RPBio  
WSP Canada Inc.**

**Dustin Ford, RPBio  
WSP Canada Inc.**

**25 April 2023**



## TECHNICAL MEMORANDUM

**DATE** 25 April 2023

**Reference No.** 20136470-030-TM-Rev0-3000

**TO** Nich Burnett  
BC Hydro

**CC** Dustin Ford

**FROM** Demitria Burgoon

**EMAIL** demitria.burgoon@wsp.com

### SUMMARY OF SITE C CONTINGENT BOAT ELECTROSHOCKING ACTIVITIES - 2022

## 1.0 INTRODUCTION

In September 2020, BC Hydro began diverting the Peace River through diversion tunnels to facilitate continued construction of the Site C Clean Energy Project (the Project). With the commencement of river diversion, the Temporary Upstream Fish Passage Facility (TUF) was brought online to facilitate the transport of Peace River fish that may have been attempting to move from downstream of the Project to upstream of the Project. The TUF is scheduled to operate from 1 April to 31 October during each year of the river diversion phase of Project construction (McMillen & BC Hydro 2021). The TUF is designed to operate at water surface elevations between 408.4 and 410.5 masl (metres above sea level) as measured at the fishway entrance by level sensors LT-600/601; however, in 2022, the TUF operated at water surface elevations up to 412.0 masl. At water surface elevations above 410.5 masl, water from the diversion tunnel outlet backfills the downstream pools in the TUF, which may reduce the biological effectiveness of the facility. Further, the TUF's Manual of Operational Parameters and Procedures (OPP; McMillen & BC Hydro 2021) states that when water surface elevations exceed 412.0 masl (i.e., flood conditions), the TUF is to be shutdown to protect it from potential damage.

During periods of higher water levels between early April and late October when the TUF is not operating (i.e., when water levels are above 412.0 masl) or not operating effectively, fish movement from downstream of the Project to upstream of the Project is hindered or prevented. In the spring of 2022, BC Hydro commissioned WSP Canada Inc. (WSP; formerly Golder Associates Ltd.) to conduct boat electroshocking surveys in the Peace River in the vicinity of the diversion tunnel outlet to provide for upstream fish passage when the facility was either shutdown or not operating effectively. Depending on the time of year, select species were transported to designated release locations upstream of the Project; all other captured species were released downstream of the Project. A detailed explanation of the rationale for contingent fish capture is described in Section 4.8 of the Fish Passage Management Plan (BC Hydro 2020) and a summary of these contingent boat electroshocking surveys during the 2022 operating season of the TUF is provided below. Contingent fish capture was also conducted during the 2021 operating season of the TUF<sup>1</sup> (Golder 2022a ).

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<sup>1</sup> Available for download at: <https://sitecproject.com/sites/default/files/Contingent-Fish-Capture-and-Transport-2021-Annual-Report.pdf>

## 2.0 STUDY PERIOD

In 2022, the TUF was scheduled to operate from 1 April to 31 October. During the operating season, 12 contingent boat electroshocking surveys (i.e., sessions) were conducted. The dates of these surveys, the average water surface elevations at the TUF at the times of these surveys, and the reasons for each survey's implementation are provided in Table 1. Each individual session was conducted over one to two days.

**Table 1: Summary of contingent boat electroshocking surveys conducted between 1 April and 9 August 2022.**

Session	Dates	Water Surface Elevation (masl) <sup>a</sup>	Reason for Implementation
1	9 April	410.69	Water surface elevation above 410.5 masl
2	14 April	411.47	Water surface elevation above 410.5 masl
3	23 April	411.28	Water surface elevation above 410.5 masl
4	28 and 29 April	411.41	Water surface elevation above 410.5 masl
5	4 and 5 May	411.37	Water surface elevation above 410.5 masl
6	11 and 12 May	410.76	Water surface elevation above 410.5 masl
7	18 and 19 May	410.26	Supplement operation of the TUF
8	24 and 25 May	410.40	Supplement operation of the TUF
9	1 and 2 June	410.25	Facility shutdown 29 May to 8 June <sup>b</sup>
10	7 and 8 June	410.26	Facility shutdown 29 May to 8 June <sup>c</sup>
11	14 and 15 June	410.01	Supplement operation of the TUF
12	9 August	410.91	Water surface elevation above 410.5 masl

<sup>a</sup>Represents the water surface elevation at the fishway entrance as measured by LT-600/601.

<sup>b</sup><https://sitecproject.com/sites/default/files/temporary-upstream-fish-passage-facility-operations-report-may-2022.pdf>

<sup>c</sup><https://sitecproject.com/sites/default/files/TUF-Passage-Facility-Operations-Report-202206.pdf>

## 3.0 METHODS

### 3.1 Habitat Conditions

Habitat variables recorded at each site included variables measured during BC Hydro's Peace River Large Fish Indexing Survey (Mon-2, Task 2a) under the Site C Fisheries and Aquatic Habitat Monitoring and Follow-up Program<sup>2</sup> (FAHMFP; e.g., Golder 2022b). Collected habitat data were not intended to quantify habitat availability or imply habitat preferences. More detailed descriptions of each habitat variable, and the reasons why they were recorded, are provided in Golder (2022b). A summary of these variables is provided in Table 2.

<sup>2</sup> Available for download at: <https://www.sitecproject.com/sites/default/files/Fisheries-and-Aquatic-Habitat-Monitoring-and-Follow-up-Program.pdf>

**Table 2: Habitat variables and boat electroshocker settings recorded at each site during each sample session during Site C Contingent Boat Electroshocking Surveys, 2022.**

Variable	Description
Date	The date the site was sampled
Time	The time the site was sampled
Estimated Flow Category	A categorical ranking of discharge (high; low; transitional) at the time of sampling
Air Temp	Air temperature at the time of sampling (to the nearest 1°C)
Water Temp	Water temperature at the time of sampling (to the nearest 0.1°C)
Conductivity	Water conductivity at the time of sampling (to the nearest 10 µS/cm)
Secchi Bar Depth	The Secchi Bar depth recorded at the time of sampling (to the nearest 0.1 m)
Cloud Cover	A categorical ranking of cloud cover (Clear = 0-10%; Partly Cloudy = 10-50%; Mostly Cloudy = 50-90%; Overcast = 90-100%)
Weather	A general description of the weather at the time of sampling (e.g., comments regarding wind, rain, smoke, or fog)
Water Surface Visibility	A categorical ranking of water surface visibility (low = waves; medium = small ripples; high = flat surface)
Boat Model	The model of boat used during sampling
Range	The range of voltage used during sampling (high or low)
Percent	The estimated duty cycle (as a percent) used during sampling
Amperes	The average amperes used during sampling
Mode	The mode (AC or DC) and frequency (in Hz) of current used during sampling
Length Sampled	The length of shoreline sampled (to the nearest 1 m)
Time Sampled	The duration of electroshocker operation (to the nearest 1 second)
Netter Skill	A categorical ranking of each netter's skill level (1 = few misses; 2 = misses common for difficult fish; 3 = misses are common for difficult and easy fish; 4 = most fish are missed)
Observer Skill	A categorical ranking of each observer's skill level (1 = few misses; 2 = misses common for difficult fish; 3 = misses are common for difficult and easy fish; 4 = most fish are missed)
Mean Depth	The mean water depth sampled (to the nearest 0.1 m)
Maximum Depth	The maximum water depth sampled (to the nearest 0.1 m)
Water Clarity	A categorical ranking of water clarity (High = greater than 3.0 m visibility; Medium = 1.0 to 3.0 m visibility; Low = less than 1 m visibility)
Instream Velocity	A categorical ranking of water velocity (High = greater than 1.0 m/s; Medium = 0.5 to 1.0 m/s; Low = less than 0.5 m/s)
Instream Cover	The type (i.e., Interstices; Woody Debris; Cutbank; Turbulence; Flooded Terrestrial Vegetation; Aquatic Vegetation; Shallow Water; Deep Water) and amount (as a percent) of available instream cover
Crew	The field crew that conducted the sample
Sample Comments	Any additional comments regarding the sample

## 3.2 Fish Capture

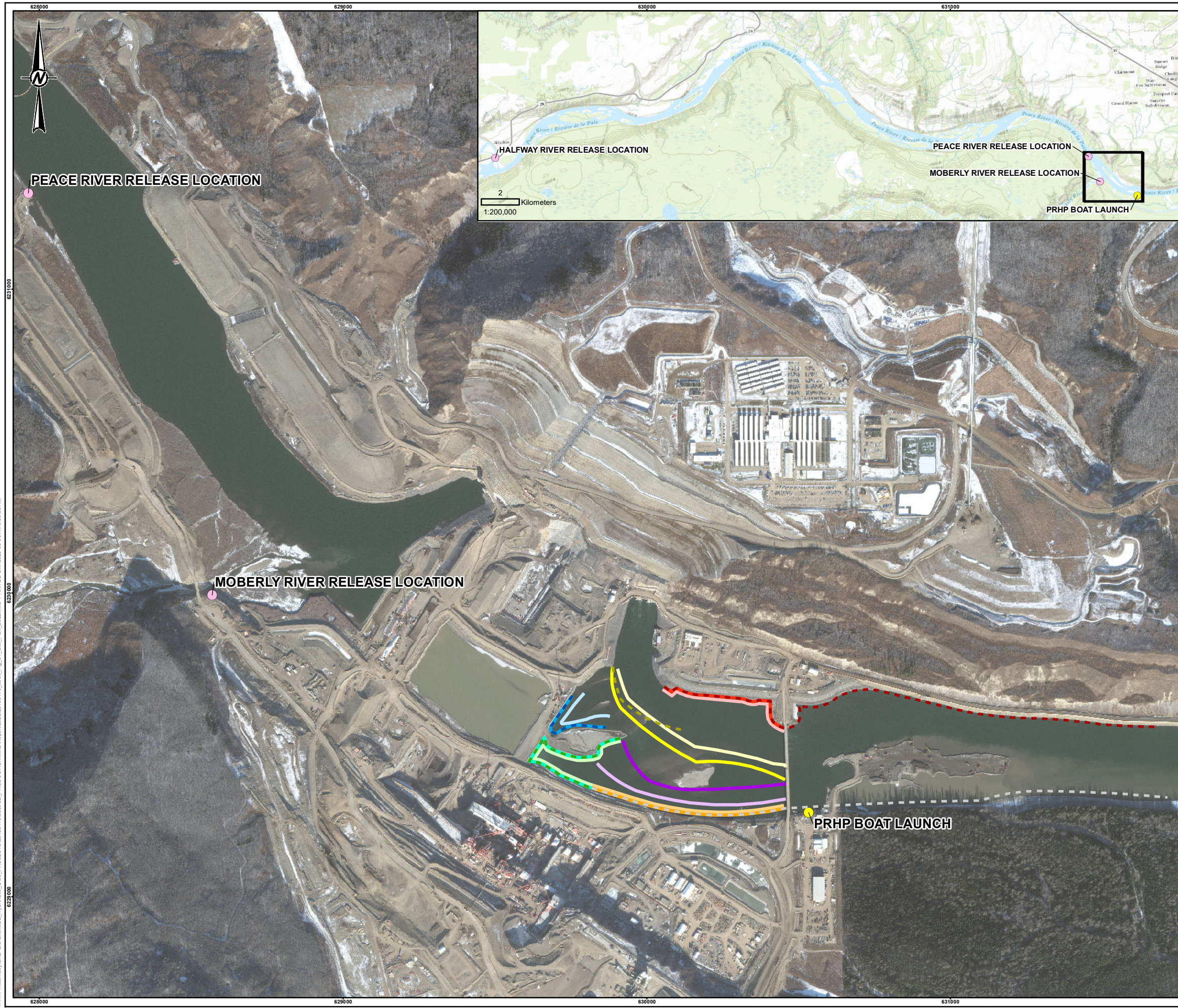
Boat electroshocking surveys were conducted to capture all species of fish. Boat electroshocking methods were identical to methods employed during Mon-2, Task 2a surveys. A detailed description of these methods is provided in Golder (2022b).

Capture effort was conducted by a single three-person crew, and sampling effort was limited to the portion of the Peace River between the navigation signs situated immediately downstream of the Project, near RiverKM 106.0 (as measured downstream from WAC Bennett Dam) and the Peace River Construction Bridge near RiverKM 106.7 (Figure 1). Within this approximately 1 km long study area, 12 different sites were sampled once per session. Sites sampled in 2022 were the same as those sampled in 2021 (Golder 2022a).

Netters attempted to capture all species of fish observed; however, when multiple fish appeared at the same time, netters were instructed to focus their effort on the adult life stages (i.e., fish greater than 250 mm fork length, [FL]) of Arctic Grayling (*Thymallus arcticus*), Bull Trout (*Salvelinus confluentus*), Rainbow Trout (*Oncorhynchus mykiss*), Mountain Whitefish (*Prosopium williamsoni*), and the three sucker species (Largescale Sucker [*Catostomus macrocheilus*], Longnose Sucker [*Catostomus catostomus*], White Sucker [*Catostomus commersonii*]), as these were the species expected to be motivated to move upstream of the Project (depending on the time of the year; see Section 3.4).

All positively identified fish that were not captured were recorded as “observed” on the sample form. Numbers of observed fish were recorded by the netter (i.e., Port or Starboard side of the boat) and grouped by species and size class.





**LEGEND**

- RELEASE LOCATION
- BOAT LAUNCH

**PRELIMINARY CONTINGENT BOAT ELECTROSHOCKING SITE**

- CS01
- CS02
- CS03
- CS04
- CS05

**CONTINGENT BOAT ELECTROSHOCKING SITE**

- CS01a
- CS01b
- CS02a
- CS02b
- CS03a
- CS03b
- CS04a
- CS04b
- CS05a
- CS05b
- CS06a
- CS06b



**REFERENCE(S)**  
 1. BASE DATA PROVIDED BY BC HYDRO.  
 COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 10N

**CLIENT**  
 BC HYDRO

**PROJECT**  
 SITE C CONTINGENT BOAT ELECTROSHOCKING SURVEYS,  
 2022

**TITLE**  
 SITE C CONTINGENT BOAT ELECTROSHOCKING SURVEYS  
 SAMPLE AREA

CONSULTANT	YYYY-MM-DD	2023-03-06
	DESIGNED	DB
	PREPARED	MH
	REVIEWED	DF
	APPROVED	DF

PROJECT NO. 20136470	CONTROL 3000	REV. 0	FIGURE 1
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### 3.3 Fish Processing

Captured fish were processed following the same protocols employed during the Peace River Large Fish Indexing Survey (Mon-2, Task 2a; Golder 2022b), which are briefly summarized below.

- All captured fish were scanned for the presence of a PIT tag.
  - If a PIT tag was not detected, fish were examined for the presence of a tag wound (i.e., a tag was implanted in 2022 but was shed and the fish still had an open wound), a tag scar (i.e., a tag was implanted prior to 2022 but it had been shed and the fish had a closed wound), or an adipose fin clip (i.e., during baseline Site C studies [e.g., Mainstream 2012], fish that received a PIT tag also received an adipose fin clip).
  - If the fish did not have a PIT tag at capture, or it only had a full-duplex (FDX) PIT tag at capture (i.e., only FDX PIT tags were deployed prior to 2015), a new half-duplex (HDX) PIT tag (ISO 11784/11785 compliant) (Oregon RFID, Portland, Or, USA) was applied.
    - Fish between 120 and 149 mm FL received 12 mm long PIT tags (12.0 mm x 2.12 mm HDX+)
    - Fish between 150 and 199 mm FL received 14 mm long PIT tags (14.0 mm x 3.00 mm HDX+)
    - Fish between 200 and 299 mm FL received 23 mm long PIT tags (23.0 mm x 3.65 mm HDX+)
    - Fish greater than 300 mm FL received 32 mm long PIT tags (32.0 mm x 3.65 mm HDX+)
  - Tag injectors and tags were sterilized in an antiseptic (Super Germiphene™; Brantford, ON, Canada) and rinsed in distilled water prior to each insertion.
  - All tags were inserted into the dorsal musculature on the left side below the dorsal fin near the pterygiophores.
- Fish were identified to species and measured for fork length (Burbot [*Lota lota*] and sculpin for total length [TL]) to the nearest 1 mm and weight to the nearest 1 g.
- General comments on the health of the fish were recorded as needed.
- The sex and maturity of a fish (determined where possible through external examination) was recorded if evident.
- Ageing structures were collected from select individuals following the same protocols as Mon-2, Task 2a surveys (Golder 2022b), which included the following:
  - Scale samples from Kokanee (*Oncorhynchus nerka*), Lake Whitefish (*Coregonus clupeaformis*), Mountain Whitefish, and Rainbow Trout.
  - Pectoral fin rays from Bull Trout, Lake Trout (*Salvelinus namaycush*), Northern Pike (*Esox lucius*), and Walleye (*Sander vitreus*).
  - Scales and pectoral fin rays from Arctic Grayling and Goldeye (*Hiodon alosoides*).

Field crews opportunistically collected physical samples from fish to support other components of the FAHMFP. These samples included DNA samples (i.e., fin clip) from all captured Arctic Grayling, Bull Trout, Rainbow Trout, and any other rarely encountered species (e.g., Goldeye, Lake Trout) and tissue samples from Bull Trout, Longnose Sucker, Mountain Whitefish, Redside Shiner (*Richardsonius balteatus*), and Walleye for potential mercury and Stable Isotope Analysis (SIA). All collected DNA, mercury, and SIA samples were provided to BC Hydro upon completion of the survey.

To support fish movement studies conducted under the FAHMFP, a subsample of Arctic Grayling, Bull Trout, and Rainbow Trout were implanted with radio telemetry tags. Tag implantation methods are provided in Golder (2021c) and movements of telemetry tagged fish are not discussed in this report.

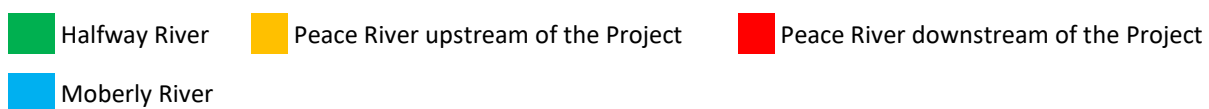
### 3.4 Fish Release

Release procedures for captured fish varied by species and time of year. Large-bodied fish species, as defined in the Site C Environmental Impact Statement (EIS)<sup>2</sup>, that are frequently captured upstream of the Project during Mon-2, Task 2a surveys (e.g., Golder 2022b) and have known or suspected spawning areas upstream of the Project, were released upstream of the Project (Table 3). Rationale for the release procedures are described below for each species.

**Table 3: Seasonal objectives by species and release location for surveys conducted during 2022 Site C Contingent Boat Electroshocking Surveys. Solid colours denote time periods when the species was suspected to be migrating upstream for spawning purposes. Diagonal bars denote time periods when the species was unlikely to be migrating for spawning purposes.**

Species	April				May				June				July				August				September				October			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Arctic Grayling	Yellow			Blue	Yellow				Diagonal																			
Bull Trout	Yellow			Green												Red				Red								
Rainbow Trout	Yellow								Diagonal																			
Mountain Whitefish	Red																Yellow											
Sucker Species	Yellow								Red																			
Other Species	Red																											

**Release Location**



Arctic Grayling encountered between 1 April and 30 June were assumed to be migrating upstream to spawn in the Moberly River, a known spawning area for this species (Mainstream 2012). Arctic Grayling encountered between 1 July and 31 October were suspected to be migrating upstream to forage. Catch rate data from Mon-2, Task 2a indicate higher abundances for this species in Section 3 (the Halfway River/Bear Flats area) during the late summer to early fall period when compared to all other sampled locations on the Peace River. The OPP states that Arctic Grayling are to be “transported and released in or near the Moberly River” (McMillen & BC Hydro 2021). In 2022, the Moberly River Release Location (Figure 1) was only accessed twice to release Arctic Grayling (i.e., during Sessions 4 and 5). In early spring (during Sessions 1 to 3), ice



cover prevented the release of fish into the Moberly River, and during Sessions 6 to 12, access to the Moberly River was not suitable due to low water levels (i.e., the dewatered shoreline was too soft and muddy for truck access). When access to the Moberly River Release Location was not possible, Arctic Grayling were released at the Peace River Release Location immediately upstream of the Project (Figure 1).

All Bull Trout encountered before 15 August were assumed to be migrating upstream to feed or to reach known spawning areas in the Halfway River watershed (Mainstream 2012). Ice hindered the feasibility of releasing Bull Trout at the Halfway River Release Location in April. As such, Bull Trout were released at the Peace River Release Location until ice conditions allowed their release at the Halfway River Release Location. In 2022, conditions allowed for the release of Bull Trout at the Halfway River Release Location beginning 5 May (i.e., Session 5).

Rainbow Trout encountered between 1 April and 30 June were assumed to be migrating upstream to spawn in upstream Peace River tributaries, most likely the Halfway River, Maurice Creek, Farrell Creek, or Lynx Creek (Mainstream 2012). Rainbow Trout encountered between 1 July and 31 October were suspected to be migrating upstream to forage. Catch rate data from Mon-2, Task 2a indicate substantially higher abundances for this species during the late summer to early fall period in Section 1 (the Hudson's Hope area) and Section 3 when compared to all sampled areas located downstream of the Project (Golder 2022b). As such, crews continued to release Rainbow Trout upstream of the Project after completion of this species' assumed pre-spawning migratory period.

Mountain Whitefish spawn in the late fall to winter period and data from Mon-2, Task 2a do not indicate the onset of substantial Mountain Whitefish movements in the Peace River prior to early October (Golder 2022b). As such, Mountain Whitefish encountered between 1 April and 9 August were assumed to be present in the study area for feeding purposes and not because they were attempting to migrate upstream of the Project. Further, habitat conditions downstream of the Project are suitable for feeding for Mountain Whitefish and this species is sensitive to external stresses, such as those associated with holding and transport. For these reasons, all Mountain Whitefish encountered during the 2022 season were released downstream of the Project.

Largescale Sucker, Longnose Sucker, and White Sucker encountered between 1 April and 30 June were assumed to be migrating upstream for spawning purposes (Mainstream 2012). Sucker species encountered in the study area after 30 June were assumed to be present in the study area for feeding purposes and not because they were attempting to migrate upstream. Catch rate data from Mon-2, Task 2a suggest suitable feeding habitats for all three sucker species downstream of the Project (Golder 2022b). As such, sucker species encountered after 30 June were released downstream of the Project.

All other species of fish encountered during the surveys were released back into the study area within the boundaries of their site of capture.

### 3.5 Fish Transport

Transporting fish in holding tanks can result in stressful conditions that may result in direct or indirect effects to fish health and survival. Loading of the fish, transport activities, tank conditions, release methods, and the conditions in the receiving environment can all contribute to increased stress levels in fish. The methods described below were implemented to mitigate stress as much as possible during holding and transport. The transportation of fish was authorized under Ministry of Forests, Lands, Natural Resource Operations and Rural Development's Fish Collection Permit #FJ20-606663.

Fish transport tanks consisted of 1210 L Lobster Boxes (BarrPlastics; Abbotsford, BC, Canada) modified to include 31 cm slide gates on outlets installed near the bottom of each tank. An approximately 5 m long, soft, PVC coated polyester fabric tube was manufactured and attached to the outlet to allow the fish to exit into the water when the gate was opened. Two different fish transport tanks were used. One tank was positioned on a dual-axle flat-deck trailer and the other was secured in the box of a F-350 pickup truck. Both tanks were equipped with 75 L medical grade oxygen tanks with adjustable 15 LPM flow regulators attached to MBD900 Microbubble Plate Diffusers (Point Four Systems Inc.; Coquitlam, BC, Canada). The transport tanks were filled with river water using a 620 LPM gas-powered Honda pump equipped with 2" hose. A fish exclusion screen was installed on the intake of the 2" hose. Tanks were filled with water immediately prior to being loaded with fish to reduce the amount of time that water in the tank had to change to the ambient air temperature. Tanks were filled approximately  $\frac{3}{4}$  full with water and parked on the PRHP Boat Launch (Figure 1) while being loaded with fish. A Polaris Dissolved Oxygen Meter (Oxyguard International; Farum, Denmark) was placed in each tank to allow crews to monitor dissolved oxygen and water temperature values during transport.

After processing (e.g., lengths, weights, tag implantation), fish to be transported upstream were transferred, one at a time, from the boat's livewell to a transport tank using soft fabric nets (i.e., the same nets used to capture the fish while boat electroshocking). Captured fish that were not selected for transport upstream were returned to the boat's livewell after processing and subsequently returned to the approximate middle of their capture site.

After the fish were loaded and the tank was ready for transport, the truck was parked at the top of the launch on a flat surface and the tank was filled to maximum capacity. Transport tanks were always transported while completely full of water to limit agitation while moving. Oxygen flow rates were adjusted to between 0.5 and 1.0 L/min and water temperature and dissolved oxygen levels were recorded before leaving the PRHP Boat Launch. If the fish were transported to the Halfway River Release Location (Figure 1), the crew stopped at the Commercial Vehicle Safety and Enforcement (CSVE) Inspection Station at the junction of Highway #97 and Highway #29 while en route. At that time, a fish health check was conducted, which consisted of opening the tank to see if any fish appeared unhealthy (e.g., floating belly-up on the surface of the water) and recording the water temperature and dissolved oxygen levels in the tank. If fish were transported to the Peace River Release Location (Figure 1), a mid-trip fish health check was not conducted because anticipated changes to the water quality were not expected during this length of transport trip (average transport time was approximately 21 minutes). When the transport crew arrived at the release location, water temperature and dissolved oxygen values were recorded for both the transport tank and the receiving water. If the difference between the temperature of the water in the transport tank and the temperature of the water in the receiving environment was greater than 8°C, the transport crew was instructed to slowly temper the water in the transport tank with water from the receiving environment until the difference between the two temperatures was less than 8°C (McMillen & BC Hydro 2021). Potential transport delays due to construction activities associated with Highway #29's realignment was identified during pre-field planning discussions with BC Hydro. When air temperatures were high (e.g., greater than approximately 25°C), transport crews travelling to the Halfway River Release Location carried bags of ice in an insulated cooler in case water temperatures in the transport tanks began to increase. Use of ice to cool transport tank water temperatures was not required at any point during 2022 surveys.

For the fish release, the transport truck and/or trailer was backed into the water as much as safely possible to reduce the vertical difference between the bottom of the transport tank and the surface of the water. One crew member was positioned at the end of the PVC tube while the other crew member opened the outlet slide gate. Once the slide gate was opened, the crew member watched the fish exit the transport tank and used a net, as

needed, to direct fish towards the outlet. After the last fish exited the outlet and the tank was empty, the PVC tube was inspected to make sure it was empty of fish before being removed from the water. Field crews remained at the release site for approximately five minutes after the fish were released to identify and recover dead fish.

At the end of each field day, transport tanks were rinsed clean of debris and disinfected with a 200 ppm mixture of Ovadine for 10 minutes. After disinfection, the tanks were double-rinsed with fresh river water before storage.

## 4.0 RESULTS

### 4.1 Habitat Conditions

Habitat variables that were recorded at each site during each session are provided in Appendix A, Table A1. More detailed descriptions of the habitat present in this portion of the Peace River (i.e., Section 5 under the FAHFMP) are provided in Golder (2022b).

Over the 2022 study period, water temperatures in the mainstem Peace River downstream of Site C were approximately 2°C in early April and gradually increased to approximately 14°C by mid-August (Appendix A, Table A1).

The difference in water temperatures measured in the mainstem Peace River downstream of the Project and the Peace River Release Location did not exceed 2.0°C during any session in 2022 (Table 4). During most sessions (83%), water temperatures were higher at the Peace River Release Location when compared to temperatures recorded downstream of the Project.

**Table 4: Differences in water temperatures measured in the Peace River downstream of the Project and water temperatures measured at fish release locations upstream of the Project. Blue cells denote instances where water temperatures were lower at the release location. Red cells denote instances where water temperatures were higher at the release location.**

Session	Date	Water Temperature of the Peace River Downstream of the Project <sup>a</sup>	Peace River Release Location		Halfway River Release Location		Moberly River Release Location	
			Water Temperature	Difference	Water Temperature	Difference	Water Temperature	Difference
1	9 Apr	2.7	3.0	0.3	- <sup>b</sup>	n/a	- <sup>b</sup>	n/a
2	14 Apr	1.8	2.6	0.8	- <sup>b</sup>	n/a	- <sup>b</sup>	n/a
3	23 Apr	3.5	4.3	0.8	- <sup>b</sup>	n/a	- <sup>b</sup>	n/a
4	28-29 Apr	2.9	3.5	0.6	- <sup>b</sup>	n/a	3.3	0.4
5	4-5 May	3.7	5.0	1.3	5.6	1.9	6.8	3.1
6	11-12 May	4.4	6.3	1.9	7.9	3.4	- <sup>b</sup>	n/a
7	18-19 May	5.3	5.9	0.6	9.2	3.9	- <sup>b</sup>	n/a
8	24-25 May	6.5	8.4	1.9	11.7	5.2	- <sup>b</sup>	n/a
9	1-2 Jun	9.0	11.0	2.0	11.8	2.8	- <sup>b</sup>	n/a
10	7-8 Jun	11.5	11.0	-0.5	10.8	-0.7	- <sup>b</sup>	n/a
11	14-16 Jun	11.5	13.5	2.0	12.4	0.9	- <sup>b</sup>	n/a
12	9-Aug	15.4	14.0	-1.4	17.1	1.7	- <sup>b</sup>	n/a

<sup>a</sup> Average of all temperature recorded over the session.

<sup>b</sup> Fish were not released at this location during this session.



The differences in water temperatures measured in the mainstem Peace River downstream of the Project and the Halfway River Release Location were variable and greater in May (Table 4). Water temperatures in the Halfway River were higher relative to the Peace River downstream of the Project except for Session 10 (June 7 and 8). Session 10 was preceded by high daily air temperatures<sup>3</sup>, which likely increased snow melt in the Halfway River watershed, contributing to lower Halfway River water temperatures during this session. The difference between water temperatures at the Halfway River Release Location and the Peace River downstream of the Project did not exceed 5.2°C (Table 4; Appendix C, Table C1).

## 4.2 Fish Capture

During the 12 sessions conducted between 9 April and 9 August, field crews sampled 60,916 m of habitat over 17.76 hours of boat electroshocking effort (Appendix A, Table A1). During these surveys, 3,366 fish from 16 different species were captured. These values do not include fish that were observed but avoided capture. Of the 3,366 fish captured in 2022, 14 were captured twice (i.e., 3,380 individual fish encounters; Table 5). Of these 14 recaptured fish, 10 were Mountain Whitefish and one each of the following: Bull Trout, Burbot, Largescale Sucker and Rainbow Trout. One adult Bull Trout captured during the 2022 survey died during processing. The crew noted nine fish (0.3% of all fish captured) that were unhealthy at the time of their release (e.g., they showed difficulty maintaining equilibrium in the livewell, had irregular opercular movements, or noted physical injuries).

**Table 5: Summary of the number of fish captured during Site C Contingent Boat Electroshocking Surveys, 2022.**

Species	Session <sup>a</sup>												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
Arctic Grayling	1		1	1	5	3	2	3	1	1	1		19
Bull Trout	9	3	6	3	6	3	9	16	7	4	3	3	72
Burbot					2		1	1	8	4	1		17
Kokanee	1	1	2	8	8	10	11	1	1				43
Lake Trout						1	3						4
Largescale Sucker	15	1	12	8	20	49	84	144	96	105	125	3	662
Longnose Dace											1		1
Longnose Sucker	1		1	3	9	26	44	76	155	147	203	5	670
Mountain Whitefish	216	81	97	188	240	350	223	137	51	41	54	18	1,696
Northern Pike									1	4	1		6
Northern Pikeminnow					2	1	5	12	17	11	22	2	72
Rainbow Trout	1		1	1	7	5	3	3	1	2	2	1	27
Redside Shiner								1	1	3	2	1	8
Slimy Sculpin							1						1
Walleye											3	1	4
White Sucker			5	1		5	2	9	16	17	20	3	78
<b>Total</b>	<b>244</b>	<b>86</b>	<b>125</b>	<b>213</b>	<b>299</b>	<b>453</b>	<b>388</b>	<b>403</b>	<b>355</b>	<b>339</b>	<b>438</b>	<b>37</b>	<b>3,380</b>

<sup>a</sup> Includes recaptured fish.

<sup>3</sup> Fort St. John, British Columbia - Monthly Calendar - The Weather Network.

A simplified processing method was used for Mountain Whitefish (similar to the process employed in Mon-2, Task 2a; Golder 2022b). Under the simplified process, Mountain Whitefish that did not have a PIT tag at capture were assigned a size category based on fork length (i.e., less than 150 mm, 150–199 mm, 200–299 mm, greater than or equal to 300 mm) and were released without recording lengths or weights, collecting scale samples, or implanting PIT tags. This simplified process allowed field crews to conduct the sessions over a shorter time period by reducing fish handling and fish processing time. Session 12 was conducted in August, after the suspected onset of pre-spawning movements for Mountain Whitefish (Table 3). During this session, all captured Mountain Whitefish were processed. During Session 12, the simplified process was also used for all three sucker species.

Of the 3,366 individual fish encountered during the 2022 survey, 423 (12.5%) had been previously tagged during surveys conducted as part of the Peace River Large Fish Indexing Survey (Mon-2, Task 2a; Golder 2022b). These 423 recaptured fish included 145 Mountain Whitefish, 144 Largescale Sucker, 101 Longnose Sucker, 25 Bull Trout, 5 White Sucker, 1 Arctic Grayling, and 1 Lake Trout and 1 Northern Pikeminnow (*Ptychocheilus oregonensis*).

Field crews implanted HDX PIT tags into 1,309 of the 3,366 fish encountered during the 2022 survey. These 1,309 PIT tags were implanted into Longnose Sucker ( $n = 566$ ), Largescale Sucker ( $n = 511$ ), White Sucker ( $n = 71$ ), Bull Trout ( $n = 46$ ), Mountain Whitefish ( $n = 43$ ), Rainbow Trout ( $n = 26$ ), Arctic Grayling ( $n = 17$ ), Burbot ( $n = 16$ ), Northern Pike ( $n = 6$ ), Walleye ( $n = 4$ ), and Lake Trout ( $n = 3$ ).

Of the 1,732 fish that were encountered during the 2022 surveys and were previously tagged ( $n = 423$ ) or tagged during the survey ( $n = 1,309$ ), 47 were subsequently recaptured during the 2022 Peace River Large Fish Indexing Survey (Golder in prep.). These 47 fish included 20 Largescale Sucker, 15 Longnose Sucker, 10 Mountain Whitefish, 1 Bull Trout, and 1 Northern Pike.

Field crews actively targeted larger individuals and species suspected to be motivated to migrate upstream (as summarized in Table 3). As a result, catch and life history data are biased towards larger individuals and large-bodied fish species<sup>4</sup> and were not analyzed or presented in this report; however, raw life history data are provided in Appendix B, Table B1.

### 4.3 Fish Transport

Over the 12 sessions conducted in 2022, 1,485 fish were transported upstream to the Peace River Release Location ( $n = 1,429$ ), the Moberly River ( $n = 6$ ), or the Halfway River Release Location ( $n = 50$ ; Table 6 and Appendix C, Table C1). Bull Trout was the only species transported to the Halfway River Release Location. Due to access issues, the Moberly River Release Location (Figure 1) was unavailable for the majority of the 2022 study period. The Moberly River Release location was accessed during two sessions (Session 4 and Session 5) and six Arctic Grayling were released during these sessions. The remaining 13 Arctic Grayling encountered in 2022 were released at the Peace River Release Location (Figure 1). All fish, except for the one Bull Trout mortality, were successfully released. All fish appeared to swim away from the release location immediately after release and injured fish were not observed by the crew during the approximately 5 minute long period that they remained at the release site after releasing fish. After each release, field crews inspected the transport tanks for shed PIT tags; shed tags were not encountered during the 2022 study period.

<sup>4</sup> Site C EIS, Volume 2, Section 12.3.2.2.

**Table 6: Summary of the number of fish transported and released upstream of the Project, by species, session, and release location, 2022.**

Session	Date	Release Location	Species						Total	
			Arctic Grayling	Bull Trout	Largescale Sucker	Longnose Sucker	Mountain Whitefish	Rainbow Trout		White Sucker
1	9 Apr	Peace River	1	8	15	1		1		26
2	14 Apr	Peace River		3	1					4
3	23 Apr	Peace River	1	6	12	1		1	1	22
4	28-29 Apr	Peace River		3	8	3		1	1	16
		Moberly River	1							1
5	4-5 May	Peace River			20	9		6		35
		Moberly River	5							5
		Halfway River		6						6
6	11-12 May	Peace River	3		49	25		5	5	87
		Halfway River		3						3
7	18-19 May	Peace River	2		84	40		2	2	130
		Halfway River		9						9
8	24-25 May	Peace River	3		143	73		3	9	231
		Halfway River		16						16
9	1-2 Jun	Peace River	1		91	150		1	13	256
		Halfway River		6						6
10	7-8 Jun	Peace River	1		104	140		2	17	264
		Halfway River		4						4
11	14-15 Jun	Peace River	1		125	195		2	18	341
		Halfway River		3						3
12	9-Aug	Peace River					16	1		17
		Halfway River		3						3
<b>Total</b>		<b>Peace River</b>	<b>13</b>	<b>20</b>	<b>652</b>	<b>637</b>	<b>16</b>	<b>25</b>	<b>66</b>	<b>1,485</b>
		<b>Moberly River</b>	<b>6</b>							
		<b>Halfway River</b>		<b>50</b>						

Of the 1,485 fish released at upstream sites in 2022, 1,481 were implanted with HDX PIT tags and 20 of those 1,481 fish were subsequently recaptured upstream of the Project during the 2022 Peace River Large Fish Indexing Surveys (Golder in prep.). These included 14 Largescale Sucker (all of which were encountered in Section 3), and 6 Longnose Sucker (which were also all encountered in Section 3).

Of the 1,481 tagged fish released upstream of the Project, three (one Bull Trout, one Rainbow Trout, and one Largescale Sucker) were recaptured downstream of the Project during subsequent contingent boat electroshocking surveys. The Bull Trout was captured and transported to the Peace River Release Location on 23 April, and it was subsequently recaptured downstream of the Project on 29 April and transported to the Peace River Release Location again. The Rainbow Trout was captured on 18 May and transported to the Peace River Release Location; it was subsequently recaptured downstream of the Project on 8 June and transported to the Peace River Release Location again. The Largescale Sucker was captured on 2 and 7 June; it was transported to the Peace River Release Location on both occasions.

Fifteen fish that were released upstream of the Project were subsequently recaptured downstream of the Project during the 2022 Peace River Large Fish Indexing Surveys (Golder in prep.). These fifteen fish included eight Longnose Sucker (four recaptured in Section 5, two recaptured in Section 6, and 2 recaptured in Section 7), six Largescale Sucker (one recaptured in Section 5 and five recaptured in Section 6), and one Bull Trout recaptured in Section 5. The one Bull Trout recaptured during the Indexing Survey on 30 August was the same individual that was transported to the Peace River Release Location on 23 and 29 April; it fell back through the diversion tunnels twice over the course of the 2022 study year.



Between subsequent contingent boat electroshocking surveys and the 2022 Peace River Large Fish Indexing Surveys, a total of 17 individual fish that were released upstream of the Project were documented to have fallen back through the diversion tunnels in 2022 (eight Longnose Sucker, seven Largescale Sucker, one Bull Trout, and one Rainbow Trout).

Raw fish release data are provided in Appendix B, Table B1.

## 5.0 LESSONS LEARNED

The 2022 contingent boat electroshocking surveys were conducted during the second full year of the diversion phase of Project construction. These surveys are tentatively schedule for each year of diversion. To facilitate increased efficiency during future surveys, a summary of lessons learned and changes implemented over the course of the 2022 program is provided below (Table 7).

**Table 7: Lessons learned during the 2022 Contingency Boat Electroshocking Fish Surveys.**

Lesson	Description
Transfer tank modifications	The outlet hoses (flexible PVC tube) will be swapped out for semi-rigid 45 mil Urethane Ducting to prevent collapsing on the fish during the release and kinking of the tube as it transitions over the end of the transport vehicles' tailgate.
Release location modifications	Ice build-up along the Moberly River resulted in the Moberly River Release Location being inaccessible until the last week of April. By the second week of May vehicle access to this release site was hindered by the large muddy drawdown area between the road and the water. For the majority of the 2022 program, Arctic Grayling were released at the Peace River Release Location.
	The Halfway River Release Location was inaccessible due to ice cover for the first four sessions. During the first four sessions, Bull Trout were released at the Peace River Release Location. By early May, ice had melted off the Halfway River enough to allow use of this release location.
No need for the addition of ice to transfer tanks	Water temperature in the transport tanks never increased by more than 1.4°C between departure time and release time. While ice is not needed during typical fish transports, crew should continue to carry ice while transporting fish to the Halfway River Release Location during periods of higher air temperatures to provide a means of cooling water temperatures if the transport is delayed (e.g., Highway #29 construction delays).
Low water levels influenced sampling efficiency	At low Peace River water levels, some sites became inaccessible, specifically Sites CS05a and CS05b.
High water levels influenced sampling efficiency	High water levels resulted in increased water velocities in the study area, which influenced boat manoeuvrability, netter efficiency, and hindered access to some sample locations.

## 6.0 CLOSURE

We trust that this memo provides the information required. If there are any questions or you require further detail, please contact the undersigned.

**WSP Canada Inc.**



Demitria Burgoon, RPBio  
*Fisheries Biologist*

DB/DF/cmc



Dustin Ford  
*Senior Fisheries Biologist, RPBio*

[https://golderassociates.sharepoint.com/sites/124586/project files/6 deliverables/contingent boat electroshocking report 2022/draft report/20136470-030-tm-rev0-summary 2022 contingent boat electroshocking 25apr\\_23.docx](https://golderassociates.sharepoint.com/sites/124586/project%20files/6%20deliverables/contingent%20boat%20electroshocking%20report%202022/draft%20report/20136470-030-tm-rev0-summary%202022%20contingent%20boat%20electroshocking%2025apr_23.docx)

## 7.0 LITERATURE CITED

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**APPENDIX A**

**Habitat Variables**

Table A1: Summary of habitat variables recorded at boat electroshocking sites during contingent boat electroshocking surveys, 9 April to 9 August 2022.

Site <sup>a</sup>	Session	Sample Date	Site Length (m)	Effort (seconds)	Air Temperature (°C)	Water Temperature (°C)	Water Conductivity (µS/cm)	Cloud Cover <sup>b</sup>	Surface Visibility <sup>c</sup>	Instream Velocity <sup>d</sup>	Secchi Bar Depth (m)	Electroshocker Settings					Cover Types (%)					
												Boat Model	Range	Percent	Amperes	Mode	Substrate Interstices	Woody Debris	Turbulence	Shallow Water	Deep Water	Turbidity
CS-01A	1	09-Apr-22	440	506	3	2.4	180	Mostly Cloudy (51-90%)	high	low	0.7	SR-18H (Cal)	high	18.0	1.8	DC	80			10	10	
CS-01B	1	09-Apr-22	440	329	3	2.8	180	Mostly Cloudy (51-90%)	medium	medium	0.7	SR-18H (Cal)	high	18.0	1.8	DC	5					95
CS-02A	1	09-Apr-22	500	358	3	2.6	180	Mostly Cloudy (51-90%)	medium	medium	0.7	SR-18H (Cal)	high	18.0	1.8	DC	80			10	10	
CS-02B	1	09-Apr-22	500	300	3	2.8	180	Mostly Cloudy (51-90%)	medium	medium	0.7	SR-18H (Cal)	high	18.0	1.8	DC				30	70	
CS-03A	1	09-Apr-22	701	306	3	2.5	180	Partly Cloudy (10-50%)	high	medium	0.7	SR-18H (Cas)	high	18.0	1.8	DC	5			15	80	
CS-03B	1	09-Apr-22	713	243	3	2.8	180	Mostly Cloudy (51-90%)	medium	high	0.7	SR-18H (Cal)	high	18.0	1.8	DC						100
CS-04A	1	09-Apr-22	708	843	3	2.6	180	Mostly Cloudy (51-90%)	medium	low	0.7	SR-18H (Cal)	high	18.0	1.8	DC	50					50
CS-04B	1	09-Apr-22	748	738	3	2.6	180	Mostly Cloudy (51-90%)	low	low	0.7	SR-18H (Cal)	high	18.0	1.8	DC						100
CS-05A	1	09-Apr-22	281	899	3	2.8	180	Overcast (90-100%)	medium	low	0.7	SR-18H (Cal)	high	18.0	1.8	DC	50			50		
CS-05B	1	09-Apr-22	218	536	3	2.8	180	Overcast (90-100%)	medium	low	0.7	SR-18H (Cal)	high	18.0	1.8	DC				95	5	
CS-06A	1	09-Apr-22	225	522	3	2.8	180	Overcast (90-100%)	medium	medium	0.7	SR-18H (Cal)	high	18.0	1.8	DC	20			20	60	
CS-06B	1	09-Apr-22	225	372	3	2.8	180	Mostly Cloudy (51-90%)	medium	medium	0.7	SR-18H (Cal)	high	18.0	1.8	DC	20			10	70	
CS-05B	2	14-Apr-22	218	502	-4	1.8	200	Clear (0-10%)	medium	low	1.2	SR-18H (Cal)	high	15.0	1.8	DC				10	90	
CS-05A	2	14-Apr-22	281	518	-4	1.6	200	Clear (0-10%)	high	low	1.2	SR-18H (Cal)	high	15.0	1.8	DC	50					50
CS-03A	2	14-Apr-22	701	248	-4	1.8	200	Clear (0-10%)	high	high	1.2	SR-18H (Cal)	high	15.0	1.8	DC				20	80	
CS-03B	2	14-Apr-22	713	206	-4	1.7	200	Clear (0-10%)	high	high	1.2	SR-18H (Cal)	high	15.0	1.8	DC						100
CS-02A	2	14-Apr-22	500	326	-4	1.7	190	Clear (0-10%)	high	medium	1.2	SR-18H (Cal)	high	15.0	1.8	DC	80			10	10	
CS-02B	2	14-Apr-22	500	301	-4	1.8	190	Clear (0-10%)	high	medium	1.2	SR-18H (Cal)	high	15.0	1.8	DC						100
CS-04A	2	14-Apr-22	708	783	-3	2.0	190	Clear (0-10%)	high	low	1.2	SR-18H (Cal)	high	15.0	1.8	DC	60			20	20	
CS-04B	2	14-Apr-22	748	700	-3	1.9	190	Clear (0-10%)	high	low	1.2	SR-18H (Cal)	high	15.0	1.8	DC						100
CS-06A	2	14-Apr-22	225	291	-3	1.9	190	Clear (0-10%)	high	medium	1.2	SR-18H (Cal)	high	15.0	1.8	DC	50			20	30	
CS-06B	2	14-Apr-22	225	293	-3	1.9	190	Clear (0-10%)	high	medium	1.2	SR-18H (Cal)	high	15.0	1.8	DC						100
CS-01A	2	14-Apr-22	440	577	-2	1.9	200	Clear (0-10%)	high	low	1.2	SR-18H (Cal)	high	15.0	1.9	DC	50			40	10	
CS-01B	2	14-Apr-22	440	427	-2	2.1	200	Clear (0-10%)	high	medium	1.2	SR-18H (Cal)	high	15.0	1.8	DC						100
CS-06A	3	23-Apr-22	225	350	10	3.5	170	Overcast (90-100%)	high	low	1.1	SR-18H (Cal)	high	11.0	1.8	DC				90	10	
CS-06B	3	23-Apr-22	225	285	10	3.5	170	Mostly Cloudy (51-90%)	high	medium	1.1	SR-18H (Cal)	high	11.0	1.8	DC						100
CS-02A	3	23-Apr-22	500	363	10	3.6	170	Partly Cloudy (10-50%)	high	medium	1.1	SR-18H (Cal)	high	11.0	1.8	DC	70			20	10	
CS-02B	3	23-Apr-22	500	294	10	3.6	170	Mostly Cloudy (51-90%)	high	medium	1.1	SR-18H (Cal)	high	11.0	1.8	DC						
CS-04A	3	23-Apr-22	708	921	10	4.5	170	Partly Cloudy (10-50%)	high	low	1.1	SR-18H (Cal)	high	11.0	1.8	DC	50					50
CS-04B	3	23-Apr-22	748	770	10	4.5	170	Mostly Cloudy (51-90%)	high	low	1.1	SR-18H (Cal)	high	11.0	1.8	DC						100
CS-01A	3	23-Apr-22	440	483	8	3.1	170	Clear (0-10%)	high	low	1.1	SR-18H (Cal)	high	11.0	1.8	DC	70			20	10	
CS-01B	3	23-Apr-22	440	405	8	3.4	170	Clear (0-10%)	high	medium	1.1	SR-18H (Cal)	high	11.0	1.8	DC				10	90	
CS-03A	3	23-Apr-22	701	296	8	3.2	170	Clear (0-10%)	high	high	1.1	SR-18H (Cal)	high	11.0	1.8	DC						100
CS-03B	3	23-Apr-22	713	244	8	3.1	170	Clear (0-10%)	high	high	1.1	SR-18H (Cal)	high	11.0	1.8	DC						100
CS-05A	3	23-Apr-22	281	587	7	3.3	170	Clear (0-10%)	high	low	1.1	SR-18H (Cal)	high	15.0	1.8	DC	60			20	20	
CS-05B	3	23-Apr-22	218	557	7	3.1	170	Clear (0-10%)	high	low	1.1	SR-18H (Cal)	high	11.0	1.8	DC				30	70	
CS-05B	4	28-Apr-22	218	550	3	2.7	190	Overcast (90-100%)	medium	low	0.3	SR-18H (Cas)	high	14.0	3.6	DC				40	30	30
CS-05A	4	28-Apr-22	281	636	3	2.7	190	Overcast (90-100%)	medium	low	0.3	SR-18H (Cas)	high	14.0	3.6	DC	60			30	10	
CS-04A	4	29-Apr-22	708	818	1	2.9	190	Overcast (90-100%)	medium	low	0.3	SR-18H (Cal)	high	12.0	1.8	DC	50					30
CS-04B	4	29-Apr-22	748	681	1	3.0	190	Overcast (90-100%)	medium	low	0.3	SR-18H (Cal)	high	12.0	1.8	DC						50
CS-06A	4	29-Apr-22	225	294	2	3.0	190	Overcast (90-100%)	medium	medium	0.3	SR-18H (Cal)	high	12.0	1.8	DC				20	50	30
CS-06B	4	29-Apr-22	225	278	2	3.0	190	Overcast (90-100%)	medium	medium	0.3	SR-18H (Cal)	high	12.0	1.8	DC				10	60	30
CS-03A	4	29-Apr-22	701	256	1	2.8	190	Overcast (90-100%)	high	high	0.3	SR-18H (Cal)	high	11.0	1.8	DC						50
CS-03B	4	29-Apr-22	713	198	1	2.8	190	Overcast (90-100%)	high	high	0.3	SR-18H (Cal)	high	12.0	1.8	DC						50
CS-01A	4	29-Apr-22	440	504	1	2.8	190	Overcast (90-100%)	high	medium	0.3	SR-18H (Cal)	high	12.0	1.8	DC	50			30		20
CS-01B	4	29-Apr-22	440	401	1	2.8	190	Overcast (90-100%)	high	medium	0.3	SR-18H (Cal)	high	12.0	1.8	DC						50
CS-02A	4	29-Apr-22	500	292	1	2.9	190	Overcast (90-100%)	medium	high	0.3	SR-18H (Cal)	high	12.0	1.8	DC	50					30
CS-02B	4	29-Apr-22	500	240	2	2.9	190	Overcast (90-100%)	medium	high	0.3	SR-18H (Cal)	high	12.0	1.8	DC						50
CS-05B	5	04-May-22	218	461	11	3.6	170	Overcast (90-100%)	low	low	0.2	SR-18H (Cal)	high	14.0	1.8	DC				80	20	
CS-05A	5	04-May-22	281	549	11	3.6	170	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	14.0	1.8	DC	60			30	10	
CS-03B	5	04-May-22	713	224	12	3.6	90	Mostly Cloudy (51-90%)	medium	high	0.2	SR-18H (Cal)	high	12.0	1.8	DC						50
CS-03A	5	04-May-22	701	275	12	3.7	190	Overcast (90-100%)	medium	high	0.2	SR-18H (Cal)	high	14.0	1.8	DC						50

<sup>a</sup> See Figure 1 for sample site locations.

<sup>b</sup> Clear = <10%; Partly Cloudy = 10-50%; Mostly Cloudy = 50-90%; Overcast = >90%.

<sup>c</sup> High = flat surface; Medium = wind ripples; Low = waves.

<sup>d</sup> High = >1.0 m/s; Medium = 0.5-1.0 m/s; Low = <0.5 m/s.

...continued.

Table A1: Continued.

Site <sup>a</sup>	Session	Date	Site Length (m)	Effort (seconds)	Air Temperature (°C)	Water Temperature (°C)	Conductivity (µS/cm)	Cloud Cover <sup>b</sup>	Surface Visibility <sup>c</sup>	Instream Velocity <sup>d</sup>	Secchi Bar Depth (m)	Electroshocker Settings					Cover Types (%)					
												Boat Model	Range	Percent	Amperes	Mode	Substrate Interstices	Woody Debris	Turbulence	Shallow Water	Deep Water	Turbidity
CS-01B	5	04-May-22	440	348	12	3.6	190	Mostly Cloudy (51-90%)	medium	medium	0.2	SR-18H (Cal)	high	12.0	1.8	DC					70	30
CS-01A	5	04-May-22	440	451	12	3.6	190	Mostly Cloudy (51-90%)	medium	medium	0.2	SR-18H (Cal)	high	12.0	1.8	DC	50			30		20
CS-02A	5	04-May-22	500	309	15	4.0	190	Partly Cloudy (10-50%)	medium	high	0.2	SR-18H (Cal)	high	15.0	1.8	DC	50				20	30
CS-04A	5	04-May-22	708	823	15	4.3	190	Mostly Cloudy (51-90%)	medium	low	0.2	SR-18H (Cal)	high	15.0	1.8	DC	60				20	20
CS-04B	5	05-May-22	748	750	8	4.2	170	Partly Cloudy (10-50%)	high	low	0.2	SR-18H (Cal)	high	15.0	1.8	DC					50	50
CS-02B	5	05-May-22	500	269	8	3.9	170	Partly Cloudy (10-50%)	high	high	0.2	SR-18H (Cal)	high	14.0	1.8	DC			10	60	30	
CS-06A	5	05-May-22	225	315	8	2.7	170	Partly Cloudy (10-50%)	high	medium	0.2	SR-18H (Cal)	high	15.0	1.8	DC			20	30	50	
CS-06B	5	05-May-22	225	365	10	3.7	170	Partly Cloudy (10-50%)	high	medium	0.2	SR-18H (Cal)	high	15.0	1.8	DC			10	40	50	
CS-03A	6	11-May-22	701	324	12	4.8	180	Partly Cloudy (10-50%)	high	medium		SR-18H (Cal)	high	15.0	1.8	DC			50	10	40	
CS-01A	6	11-May-22	440	491	9	4.0	180	Clear (0-10%)	high	medium	0.3	SR-18H (Cal)	high	15.0	1.8	DC	90		10			
CS-01B	6	11-May-22	440	297	9	4.0	180	Clear (0-10%)	high	medium	0.3	SR-18H (Cal)	high	15.0	1.8	DC			10	90		
CS-04A	6	11-May-22	708	804	10	4.6	180	Clear (0-10%)	high	low	0.3	SR-18H (Cal)	high	15.0	1.8	DC	50				30	20
CS-06A	6	11-May-22	225	496	10	4.6	180	Clear (0-10%)	high	medium	0.3	SR-18H (Cal)	high	15.0	1.8	DC	30		40	5	25	
CS-04B	6	11-May-22	748	772	12	4.7	180	Clear (0-10%)	med	low	0.3	SR-18H (Cal)	high	15.0	1.8	DC				50	50	
CS-02B	6	12-May-22	500	278	12	4.2	180	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	15.0	1.8	DC				50	50	
CS-06B	6	11-May-22	225	430	15	4.5	180	Clear (0-10%)	high	medium	0.3	SR-18H (Cal)	high	15.0	1.8	DC			30	40	30	
CS-03B	6	11-May-22	713	279	12	4.9	180	Clear (0-10%)	med	high	0.3	SR-18H (Cal)	high	15.0	1.8	DC					50	50
CS-02A	6	12-May-22	500	320	12	4.1	180	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	15.0	1.8	DC	30		10	10	30	
CS-05A	6	12-May-22	281	627	11	4.3	180	Clear (0-10%)	high	low	0.2	SR-18H (Cal)	high	15.0	1.8	DC	50			30		20
CS-05B	6	12-May-22	218	628	11	4.3	180	Clear (0-10%)	high	low	0.2	SR-18H (Cal)	high	15.0	1.8	DC				70	10	20
CS-06B	7	18-May-22	225	566	15	5.3	170	Partly Cloudy (10-50%)	high	low	0.2	SR-18H (Cal)	high	19.0	2.0	DC			50	50		
CS-01A	7	18-May-22	440	422	11	5.3	170	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cal)	high	18.0	1.9	DC			50	50		
CS-01B	7	18-May-22	440	255	12	5.3	170	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cal)	high	18.0	1.9	DC			50	50		
CS-03A	7	18-May-22	701	258	12	5.3	170	Overcast (90-100%)	high	high	0.2	SR-18H (Cal)	high	18.0	1.8	DC			50		50	
CS-03B	7	18-May-22	713	313	12	5.4	170	Overcast (90-100%)	high	high	0.2	SR-18H (Cal)	high	15.0	1.8	DC			50	25	25	
CS-04A	7	18-May-22	658	437	12	5.3	170	Mostly Cloudy (51-90%)	high	low	0.2	SR-18H (Cal)	high	17.0	1.8	DC				50		50
CS-04B	7	18-May-22	748	897	15	5.3	170	Partly Cloudy (10-50%)	high	low	0.2	SR-18H (Cal)	high	18.0	1.9	DC						100
CS-06A	7	18-May-22	225	991	12	5.3	170	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cal)	high	20.0	1.8	DC			50			
CS-02A	7	19-May-22	500	412	6	5.4	180	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	18.0	1.8	DC	30			40	30	
CS-05B	7	19-May-22	22	240	6	5.1	180	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	18.0	1.8	DC	40			40		20
CS-02B	7	19-May-22	500	402	6	5.2	180	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	18.0	1.8	DC				60	10	30
CS-03A	8	24-May-22	701	461	10	7.5	190	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC				60	10	30
CS-04A	8	24-May-22	708	804	10	7.1	190	Partly Cloudy (10-50%)	high	low	0.2	SR-18H (Cal)	high	11.0	1.8	DC	50			30	10	10
CS-04B	8	24-May-22	748	635	10	7.5	190	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	11.0	1.8	DC					50	50
CS-06A	8	24-May-22	175	697	10	7.5	190	Overcast (90-100%)	medium	low	0.2	SR-18H (Cal)	high	11.0	1.8	DC				45	5	50
CS-06B	8	25-May-22	225	399	10	5.7	170	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC	20			30	30	20
CS-03B	8	25-May-22	713	271	8	5.7	170	Overcast (90-100%)	high	high	0.2	SR-18H (Cal)	high	11.0	1.8	DC					50	50
CS-01A	8	25-May-22	440	389	10	5.6	170	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC	60			20		20
CS-02B	8	25-May-22	500	359	15	6.2	170	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC				20	40	40
CS-02A	8	25-May-22	500	447	15	6.2	170	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC	30			20	20	30
CS-01B	8	25-May-22	440	314	15	6.2	170	Overcast (90-100%)	high	medium	0.2	SR-18H (Cal)	high	11.0	1.8	DC				40	30	30
CS-05A	8	25-May-22	281	1069	8	5.6	180	Overcast (90-100%)	high	low	0.2	SR-18H (Cal)	high	11.0	1.8	DC	20			40	10	30
CS-01A	9	01-Jun-22	440	513	17	9.5	180	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	10.0	1.8	DC	50			15	5	30
CS-01B	9	01-Jun-22	440	281	17	9.3	180	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	10.0	1.8	DC				20	30	50
CS-03A	9	01-Jun-22	701	390	15	9.1	180	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	12.0	2.0	DC	10			40	10	40
CS-03B	9	01-Jun-22	713	321	15	9.1	180	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	12.0	2.0	DC					50	50
CS-04B	9	01-Jun-22	678	772	17	9.8	180	Clear (0-10%)	high	low	0.1	SR-18H (Cal)	high	10.0	1.8	DC				10	50	40
CS-04A	9	01-Jun-22	638	829	15	9.5	180	Clear (0-10%)	high	low	0.1	SR-18H (Cal)	high	10.0	1.8	DC	50			10	10	30
CS-06A	9	01-Jun-22	125	563	20	9.2	180	Clear (0-10%)	high	low	0.1	SR-18H (Cal)	high	10.0	1.8	DC	25			40	5	30
CS-06B	9	01-Jun-22	155	534	22	9.3	180	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	10.0	1.8	DC				30	20	50
CS-02A	9	02-Jun-22	500	376	12	8.3	200	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	10.0	1.8	DC	25	10		25	10	30
CS-02B	9	02-Jun-22	500	345	12	8.2	200	Clear (0-10%)	high	medium	0.1	SR-18H (Cal)	high	10.0	1.8	DC				20	30	50
CS-05A	9	02-Jun-22	56	1581	15	8.5	200	Clear (0-10%)	high	low	0.1	SR-18H (Cal)	high	10.0	1.8	DC	40			30		30

<sup>a</sup> See Figure 1 for sample site locations.

<sup>b</sup> Clear = <10%; Partly Cloudy = 10-50%; Mostly Cloudy = 50-90%; Overcast = >90%.

<sup>c</sup> High = flat surface; Medium = wind ripples; Low = waves.

<sup>d</sup> High = >1.0 m/s; Medium = 0.5-1.0 m/s; Low = <0.5 m/s.

...continued.

Table A1: Concluded.

Site <sup>a</sup>	Session	Date	Site Length (m)	Effort (seconds)	Air Temperature (°C)	Water Temperature (°C)	Conductivity (µS/cm)	Cloud Cover <sup>b</sup>	Surface Visibility <sup>c</sup>	Instream Velocity <sup>d</sup>	Secchi Bar Depth (m)	Electroshocker Settings					Cover Types (%)					
												Boat Model	Range	Percent	Amperes	Mode	Substrate Interstices	Woody Debris	Turbulence	Shallow Water	Deep Water	Turbidity
CS-05B	9	02-Jun-22	218	1035	17	8.4	200	Clear (0-10%)	high	low	0.1	SR-18H (Cal)	high	10.0	1.8	DC	20			40	10	30
CS-01A	10	07-Jun-22	440	489	12	8.9	210	Partly Cloudy (10-50%)	high	medium	0.1	SR-18H (Cas)	high	14.0	3.6	DC	50			20		30
CS-01B	10	07-Jun-22	440	337	15	8.8	210	Clear (0-10%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.7	DC				10	60	30
CS-02A	10	07-Jun-22	500	604	19	9.6	210	Clear (0-10%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.7	DC	30			30	10	30
CS-02B	10	07-Jun-22	440	274	19	9.6	210	Clear (0-10%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.7	DC						
CS-04A	10	07-Jun-22	708	682	19	21.2	210	Clear (0-10%)	high	low	0.1	SR-18H (Cas)	high	15.0	3.5	DC	30			30	20	20
CS-03A	10	08-Jun-22	701	351	18	9.7	200	Overcast (90-100%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.5	DC	30			10	30	30
CS-03B	10	08-Jun-22	713	323	18	9.7	200	Overcast (90-100%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.8	DC					50	50
CS-06B	10	08-Jun-22	225	603	18	9.9	200	Overcast (90-100%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.6	DC				30	40	30
CS-05B	10	08-Jun-22	218	851	21	10.0	200	Mostly Cloudy (51-90%)	high	low	0.1	SR-18H (Cas)	high	15.0	3.4	DC	20			40	10	30
CS-04B	10	08-Jun-22	748	799	18	13.8	200	Overcast (90-100%)	high	low	0.1	SR-18H (Cas)	high	15.0	3.6	DC					70	30
CS-06A	10	08-Jun-22	225	640	18	10.4	200	Overcast (90-100%)	high	medium	0.1	SR-18H (Cas)	high	15.0	3.8	DC	20			40	10	30
CS-06B	11	15-Jun-22	125	722	17	11.1	220	Overcast (90-100%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC				60	20	20
CS-05B	11	15-Jun-22	22	254	14	10.8	220	Overcast (90-100%)	high	low	0.2	SR-18H (Cas)	high	12.0	3.6	DC	20			40	20	20
CS-03B	11	14-Jun-22	713	386	30	11.1	220	Partly Cloudy (10-50%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC				10	70	20
CS-01B	11	14-Jun-22	440	243	30	11.1	220	Clear (0-10%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC				60	20	20
CS-06A	11	14-Jun-22	125	747	30	11.6	220	Overcast (90-100%)	med	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC				70	10	20
CS-03A	11	14-Jun-22	651	308	18	10.4	220	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC	5			70	5	20
CS-01A	11	14-Jun-22	440	446	18	10.4	220	Overcast (90-100%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC	40			40		20
CS-04B	11	14-Jun-22	648	726	22	13.8	220	Clear (0-10%)	high	low	0.2	SR-18H (Cas)	high	12.0	3.6	DC				10	70	20
CS-04A	11	14-Jun-22	608	847	22	13.9	220	Clear (0-10%)	high	low	0.2	SR-18H (Cas)	high	12.0	3.5	DC	40			20	20	20
CS-02B	11	15-Jun-22	450	529	14	11.1	220	Overcast (90-100%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC	20			40	20	20
CS-02A	11	15-Jun-22	500	589	14	10.9	220	Mostly Cloudy (51-90%)	high	medium	0.2	SR-18H (Cas)	high	12.0	3.6	DC	50			25	5	20
CS-01A	12	09-Aug-22	440	436	25	13.6	190	Clear (0-10%)	high	medium	0.3	SR-18H (Cas)	high	14.0	3.6	DC	70			20	10	
CS-02A	12	09-Aug-22	435	148	20	17.1	210	Clear (0-10%)	high	medium	0.3	SR-18H (Cal)	high	15.0	4.0	DC	80			10	10	

<sup>a</sup> See Figure 1 for sample site locations.

<sup>b</sup> Clear = <10%; Partly Cloudy = 10-50%; Mostly Cloudy = 50-90%; Overcast = >90%.

<sup>c</sup> High = flat surface; Medium = wind ripples; Low = waves.

<sup>d</sup> High = >1.0 m/s; Medium = 0.5-1.0 m/s; Low = <0.5 m/s.



**APPENDIX B**

**Fish Data**

Table B1: Summary of fish captured during Contingent Boat Electroshocking Surveys, 9 April to 9 August 2022.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS01a	09-Apr-22	1	Largescale Sucker	488	1377		900230000211099				Peace River Upstream Release Location
CS01a	09-Apr-22	2	Largescale Sucker	552	1744		900230000211468				Peace River Upstream Release Location
CS01a	09-Apr-22	3	Largescale Sucker	481	1318		900230000268329				Peace River Upstream Release Location
CS01a	09-Apr-22	4	Mountain Whitefish	318	269	Scales	900230000207748				
CS01a	09-Apr-22	5	Bull Trout	408	841	Finray	900230000258722		DNA-2022-0003		Peace River Upstream Release Location
CS01a	09-Apr-22	6	Rainbow Trout	290	328	Scales	900228000468986		DNA-2022-0004		Peace River Upstream Release Location
CS01a	09-Apr-22	7	Bull Trout	735	4412	Finray	982126057511857		DNA-2022-0005		Peace River Upstream Release Location
CS03a	09-Apr-22	8	Mountain Whitefish	275	188	Scales	900228000370230				
CS04b	09-Apr-22	10	Kokanee	173	42	Scales					
CS04a	09-Apr-22	12	Largescale Sucker	477	1291		900230000268022				Peace River Upstream Release Location
CS04a	09-Apr-22	13	Largescale Sucker	484	1229		900230000211054				Peace River Upstream Release Location
CS04a	09-Apr-22	14	Mountain Whitefish	290	248	Scales	900228000348849				
CS04a	09-Apr-22	15	Arctic Grayling	242	123	Scales	900228000463719		DNA-2022-0006		Peace River Upstream Release Location
CS05a	09-Apr-22	17	Largescale Sucker	444	1145		900230000159599				Peace River Upstream Release Location
CS05a	09-Apr-22	18	Longnose Sucker	403	865		900230000258409				Peace River Upstream Release Location
CS05a	09-Apr-22	19	Mountain Whitefish	322	264	Scales	900230000055602				
CS05a	09-Apr-22	20	Mountain Whitefish	283	199	Scales	900228000464498				
CS05a	09-Apr-22	21	Mountain Whitefish	375	489	Scales	900228000294442				
CS05a	09-Apr-22	22	Mountain Whitefish	308	291	Scales	900230000080291				
CS05a	09-Apr-22	23	Mountain Whitefish	298	209	Scales	900228000460884				
CS05a	09-Apr-22	24	Bull Trout	430	959	Finray	900230000258828		DNA-2022-0007		Peace River Upstream Release Location
CS05a	09-Apr-22	25	Bull Trout	250	140	Finray	900228000469045		DNA-2022-0008		
CS05a	09-Apr-22	26	Bull Trout	552	2015	Finray	900230000259295		DNA-2022-0009		Peace River Upstream Release Location
CS05b	09-Apr-22	28	Largescale Sucker	462	1199		900230000258451				Peace River Upstream Release Location
CS05b	09-Apr-22	29	Largescale Sucker	454	1175		900230000258835				Peace River Upstream Release Location
CS05b	09-Apr-22	30	Largescale Sucker	508	1617		900230000266688				Peace River Upstream Release Location
CS05b	09-Apr-22	31	Largescale Sucker	509	1629		900230000269249				Peace River Upstream Release Location
CS05b	09-Apr-22	32	Bull Trout	672	3399	Finray	900230000258588		DNA-2022-0010		Peace River Upstream Release Location
CS05b	09-Apr-22	33	Bull Trout	430	846	Finray	900230000259750		DNA-2022-0011		Peace River Upstream Release Location
CS06a	09-Apr-22	35	Mountain Whitefish	266	165	Scales	900228000438809				
CS06a	09-Apr-22	36	Mountain Whitefish	240	134	Scales	900228000462279				
CS06a	09-Apr-22	37	Mountain Whitefish	289	175	Scales	900228000368765				
CS06a	09-Apr-22	38	Largescale Sucker	580	2261		900230000266678				Peace River Upstream Release Location
CS01b	09-Apr-22	40	Mountain Whitefish	322	317	Scales	900230000258542				
CS01b	09-Apr-22	41	Mountain Whitefish	304	260	Scales	900228000349709				
CS01b	09-Apr-22	42	Largescale Sucker	582	2222		900230000124840				Peace River Upstream Release Location
CS01b	09-Apr-22	43	Bull Trout	754	4107	Finray	900230000258895		DNA-2022-0012		Peace River Upstream Release Location
CS06b	09-Apr-22	45	Largescale Sucker	525	1683		900230000258190				Peace River Upstream Release Location
CS06b	09-Apr-22	46	Largescale Sucker	496	1363		900230000266642				Peace River Upstream Release Location
CS06b	09-Apr-22	47	Largescale Sucker	526	1875		981098104937077	900230000206778			Peace River Upstream Release Location
CS06b	09-Apr-22	48	Bull Trout	532	1605		900230000084593				Peace River Upstream Release Location
CS05a	14-Apr-22	50	Mountain Whitefish	330	297	Scales	900230000258757				
CS02a	14-Apr-22	59	Mountain Whitefish	338	350	Scales	981098106069272	900230000258743			
CS02a	14-Apr-22	60	Mountain Whitefish	302	272	Scales	900228000681331				
CS04a	14-Apr-22	64	Kokanee	73	4	Scales					
CS04a	14-Apr-22	65	Mountain Whitefish	290	204	Scales	900230000259224				
CS06a	14-Apr-22	69	Mountain Whitefish	310	273	Scales	900230000268083				
CS06a	14-Apr-22	70	Largescale Sucker	525	1969		900230000259017				Peace River Upstream Release Location
CS06a	14-Apr-22	71	Bull Trout	510	1627	Finray	900230000258933		DNA-2022-0013	155	Peace River Upstream Release Location
CS01a	14-Apr-22	74	Bull Trout	412	643	Finray	900230000204156		DNA-2022-0014		Peace River Upstream Release Location
CS01a	14-Apr-22	75	Bull Trout	790	5330		900230000204147				Peace River Upstream Release Location
CS05a	23-Apr-22	77	White Sucker	249	188		900228000678471				
CS05a	23-Apr-22	78	White Sucker	210	100		900228000469311				
CS05a	23-Apr-22	79	Mountain Whitefish	427	693		900230000269172				
CS05a	23-Apr-22	82	Bull Trout	630	2841	Finray	900230000259683		DNA-2022-0015	145	Peace River Upstream Release Location
CS05b	23-Apr-22	84	White Sucker	295	328						
CS05b	23-Apr-22	85	Mountain Whitefish	288	230	Scales	900228000438255				
CS05b	23-Apr-22	86	Bull Trout	751	3660		900230000204914				Peace River Upstream Release Location
CS03a	23-Apr-22	90	Mountain Whitefish	289	225	Scales	900228000294660				
CS01a	23-Apr-22	92	Largescale Sucker	515	1662		900230000211684				Peace River Upstream Release Location
CS01a	23-Apr-22	93	Largescale Sucker	545	2008		900230000259376				Peace River Upstream Release Location
CS01a	23-Apr-22	94	Largescale Sucker	458	1219		900230000259848				Peace River Upstream Release Location
CS01a	23-Apr-22	95	Largescale Sucker	386	724		900230000258208				Peace River Upstream Release Location
CS01a	23-Apr-22	96	Largescale Sucker	447	1108		900230000266650				Peace River Upstream Release Location
CS01a	23-Apr-22	97	Largescale Sucker	474	1442		900230000259533				Peace River Upstream Release Location
CS01a	23-Apr-22	98	Mountain Whitefish	408	766	Scales	900230000269038				
CS01b	23-Apr-22	100	Largescale Sucker	439	966		900230000259844				Peace River Upstream Release Location
CS01b	23-Apr-22	101	Largescale Sucker	515	1550		900230000263932				Peace River Upstream Release Location
CS01b	23-Apr-22	102	Largescale Sucker	450	1084		900230000259646				Peace River Upstream Release Location
CS01b	23-Apr-22	103	Largescale Sucker	530	1789		900230000259771				Peace River Upstream Release Location
CS01b	23-Apr-22	104	Largescale Sucker	535	2155		900230000075685				Peace River Upstream Release Location
CS01b	23-Apr-22	105	Rainbow Trout	280	222	Scales	900228000468019		DNA-2022-0016		Peace River Upstream Release Location
CS01b	23-Apr-22	106	Mountain Whitefish	420	800	Scales	900230000211933				
CS04a	23-Apr-22	108	Kokanee	164	42	Scales					
CS04a	23-Apr-22	109	Kokanee	185	58	Scales					
CS04a	23-Apr-22	110	Mountain Whitefish	301	255	Scales	900228000681331				
CS04a	23-Apr-22	111	White Sucker	265	231		900228000463677				Peace River Upstream Release Location
CS04a	23-Apr-22	112	White Sucker	235	156		900228000468662				
CS04a	23-Apr-22	113	Mountain Whitefish	299	261	Scales	900228000679280				
CS04a	23-Apr-22	114	Bull Trout	506	1490	Finray	900230000210413		DNA-2022-0017	159	Peace River Upstream Release Location
CS04a	23-Apr-22	115	Bull Trout	598	2647		900230000205826				Peace River Upstream Release Location
CS02a	23-Apr-22	117	Mountain Whitefish	275	209	Scales	900228000680523				
CS02a	23-Apr-22	118	Mountain Whitefish	274	218	Scales	900228000461770				
CS02a	23-Apr-22	119	Mountain Whitefish	313	287	Scales	900228000540006				
CS02a	23-Apr-22	120	Mountain Whitefish	324	332	Scales	900228000678844				
CS02a	23-Apr-22	121	Longnose Sucker	254	185		900228000469938				Peace River Upstream Release Location
CS02a	23-Apr-22	122	Mountain Whitefish	345	475	Scales	900230000204444				
CS02a	23-Apr-22	123	Arctic Grayling	219	108	Scales	900228000468576		DNA-2022-0018		Peace River Upstream Release Location
CS04b	23-Apr-22	125	Bull Trout	452	1241		900230000259142				Peace River Upstream Release Location
CS02b	23-Apr-22	127	Largescale Sucker	521	1553		900230000262163				Peace River Upstream Release Location
CS06a	23-Apr-22	129	Mountain Whitefish	350	438	Scales	900230000084472				
CS06a	23-Apr-22	130	Mountain Whitefish	280	241	Scales	900228000370162				
CS06a	23-Apr-22	131	Bull Trout	740	4581	Finray	900230000259692		DNA-2022-0019		Peace River Upstream Release Location
CS05a	28-Apr-22	135	Arctic Grayling	240	140	Scales	900228000468979		DNA-2022-0020		Moberly River Release Location
CS05a	28-Apr-22	136	Rainbow Trout	330	386	Scales	900230000259846		DNA-2022-0021	152	Peace River Upstream Release Location
CS05a	28-Apr-22	137	Largescale Sucker	450	1074		900230000258109				Peace River Upstream Release Location
CS05a	28-Apr-22	138	Mountain Whitefish	337	500	Scales	900230000158114				
CS05a	28-Apr-22	139	Kokanee	180	49	Scales					
CS05a	28-Apr-22	140	Mountain Whitefish	300	266	Scales	900228000635504				
CS05a	28-Apr-22	141	Longnose Sucker	250	177		900228000469535				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05a	28-Apr-22	142	Mountain Whitefish	310	265	Scales	900228000591911				
CS05a	28-Apr-22	143	Mountain Whitefish	280	212	Scales	900228000348137				
CS05b	28-Apr-22	145	Mountain Whitefish	370	505	Scales	900230000242208				
CS05b	28-Apr-22	146	Largescale Sucker	520	1389		981098104940777	900230000259528			Peace River Upstream Release Location
CS05b	28-Apr-22	147	Mountain Whitefish	340	367	Scales	900230000259110				
CS05b	28-Apr-22	148	Largescale Sucker	450	1139		900230000031518				Peace River Upstream Release Location
CS05b	28-Apr-22	149	Mountain Whitefish	290	235	Scales	900228000370192				
CS05b	28-Apr-22	150	Mountain Whitefish	310	243	Scales	900230000260084				
CS05b	28-Apr-22	151	Mountain Whitefish	360	450	Scales	900230000126865				
CS01a	29-Apr-22	157	Mountain Whitefish	210	85	Scales	900226001617848				
CS01a	29-Apr-22	158	Mountain Whitefish	270	222	Scales	900228000464041				
CS01a	29-Apr-22	159	Kokanee	160	40	Scales					
CS01a	29-Apr-22	160	Mountain Whitefish	280	231	Scales	900228000370251				
CS01a	29-Apr-22	161	Bull Trout	450	1141		900230000259142			158	Peace River Upstream Release Location
CS01b	29-Apr-22	163	Longnose Sucker	310	358		900230000259251				Peace River Upstream Release Location
CS01b	29-Apr-22	164	Mountain Whitefish	450	971	Scales	900230000268774				
CS01b	29-Apr-22	165	Mountain Whitefish	310	306	Scales	900230000204330				
CS04a	29-Apr-22	167	White Sucker	400	760		900230000266655				Peace River Upstream Release Location
CS04a	29-Apr-22	168	Mountain Whitefish	450	774	Scales	900230000057663				
CS04a	29-Apr-22	169	Largescale Sucker	540	1812		900230000262642				Peace River Upstream Release Location
CS04a	29-Apr-22	170	Kokanee	150	35	Scales					
CS04a	29-Apr-22	171	Largescale Sucker	460	1158		900230000258413				Peace River Upstream Release Location
CS04a	29-Apr-22	172	Bull Trout	330	363	Finray	900230000259526		DNA-2022-0023		Peace River Upstream Release Location
CS04a	29-Apr-22	173	Kokanee	170	49	Scales					
CS04a	29-Apr-22	174	Mountain Whitefish	363	449	Scales	981098104940644	900230000258809			
CS04a	29-Apr-22	175	Kokanee	208	69	Scales					
CS04a	29-Apr-22	176	Bull Trout	646	3343	Finray	900230000266625		DNA-2022-0024	146	Peace River Upstream Release Location
CS04a	29-Apr-22	177	Kokanee	158	41	Scales					
CS04b	29-Apr-22	179	Kokanee	168	38	Scales					
CS04b	29-Apr-22	180	Kokanee	155	37	Scales					
CS02a	29-Apr-22	182	Mountain Whitefish	273	191	Scales	900228000721122				
CS02a	29-Apr-22	183	Largescale Sucker	438	1060		900230000204599				Peace River Upstream Release Location
CS02a	29-Apr-22	184	Longnose Sucker	398	877		900230000259163				Peace River Upstream Release Location
CS02b	29-Apr-22	186	Largescale Sucker	568	2307		900230000209443				Peace River Upstream Release Location
CS06a	29-Apr-22	188	Mountain Whitefish	277	171	Scales	900228000349640				
CS06a	29-Apr-22	189	Mountain Whitefish	338	309	Scales	900228000680745				
CS06a	29-Apr-22	190	Mountain Whitefish	282	257	Scales	900228000587460				
CS06a	29-Apr-22	191	Largescale Sucker	536	1815		900230000258932				Peace River Upstream Release Location
CS06b	29-Apr-22	193	Mountain Whitefish	348	519	Scales	900230000269189				
CS05a	04-May-22	195	Mountain Whitefish	294	231	Scales	900228000438255				
CS05a	04-May-22	196	Mountain Whitefish	333	386	Scales	900026000083733				
CS05a	04-May-22	197	Kokanee	170	45	Scales					
CS05a	04-May-22	198	Mountain Whitefish	261	170	Scales	900228000438881				
CS05a	04-May-22	199	Kokanee	170	55	Scales					
CS05a	04-May-22	200	Mountain Whitefish	306	308	Scales	900230000205802				
CS05a	04-May-22	201	Rainbow Trout	196	76	Scales	900226001222121		DNA-2022-0022		
CS05a	04-May-22	202	Mountain Whitefish	271	213	Scales	900228000540923				
CS05a	04-May-22	203	Mountain Whitefish	320	286	Scales	900230000211901				
CS05a	04-May-22	204	Kokanee	158	41	Scales					
CS05a	04-May-22	205	Mountain Whitefish	286	221	Scales	900228000635756				
CS05a	04-May-22	206	Rainbow Trout	361	543	Scales	900228000469212		DNA-2022-0025	151	Peace River Upstream Release Location
CS05a	04-May-22	207	Rainbow Trout	361	491	Scales	900230000258598		DNA-2022-0026	148	Peace River Upstream Release Location
CS05a	04-May-22	208	Arctic Grayling	244	162	Scales	900230000259721		DNA-2022-0027		Moberly River Release Location
CS05a	04-May-22	209	Longnose Sucker	349	575		900230000259430				Peace River Upstream Release Location
CS05a	04-May-22	210	Bull Trout	625	2691	Finray	900230000210694		DNA-2022-0028	153	Halfway River Release Location
CS05b	04-May-22	211	Mountain Whitefish	346	420	Scales	900026000053375				
CS05b	04-May-22	212	Mountain Whitefish	358	440	Scales	900230000260014				
CS05b	04-May-22	213	Northern Pikeminnow	366	552						
CS05b	04-May-22	214	Mountain Whitefish	298	292	Scales	900228000370177				
CS05b	04-May-22	215	Kokanee	161	30	Scales					
CS05b	04-May-22	216	Mountain Whitefish	280	222	Scales	900228000438674				
CS05b	04-May-22	217	Mountain Whitefish	317	286	Scales	900230000124915				
CS05b	04-May-22	218	Mountain Whitefish	296	278	Scales	900228000369775				
CS05b	04-May-22	219	Mountain Whitefish	309	342	Scales	900228000721064				
CS05b	04-May-22	220	Mountain Whitefish	360	493	Scales	900230000242249				
CS05b	04-May-22	221	Kokanee	203	93	Scales					
CS05b	04-May-22	222	Largescale Sucker	462	1203		900230000259486				Peace River Upstream Release Location
CS05b	04-May-22	223	Largescale Sucker	457	1098		900230000266630				Peace River Upstream Release Location
CS05b	04-May-22	224	Longnose Sucker	285	294		900230000259757				Peace River Upstream Release Location
CS05b	04-May-22	225	Arctic Grayling	262	206	Scales	900230000259831		DNA-2022-0029		Moberly River Release Location
CS05b	04-May-22	226	Longnose Sucker	414	910		900230000211007				Peace River Upstream Release Location
CS05b	04-May-22	227	Longnose Sucker	440	1073		981098104935429	900230000210618			Peace River Upstream Release Location
CS05b	04-May-22	228	Longnose Sucker	350	542		900230000158022				Peace River Upstream Release Location
CS01a	04-May-22	233	Largescale Sucker	484	1587		900230000258645				Peace River Upstream Release Location
CS01a	04-May-22	234	Largescale Sucker	466	1175		900230000206553				Peace River Upstream Release Location
CS01a	04-May-22	235	Mountain Whitefish	347	500	Scales	900230000206259				
CS01a	04-May-22	236	Largescale Sucker	429	1190		900230000259574				Peace River Upstream Release Location
CS01a	04-May-22	237	Mountain Whitefish	331	319	Scales	900230000204734				
CS01a	04-May-22	238	Largescale Sucker	455	1301		900230000259073				Peace River Upstream Release Location
CS01a	04-May-22	239	Mountain Whitefish	396	579	Scales	900230000204224				
CS01a	04-May-22	240	Largescale Sucker	532	1950		900026000057439	900230000268610			Peace River Upstream Release Location
CS01a	04-May-22	241	Longnose Sucker	395	811		900230000259076				Peace River Upstream Release Location
CS01a	04-May-22	242	Mountain Whitefish	343	449	Scales	965000000110187	900230000209704			
CS01a	04-May-22	243	Largescale Sucker	529	1605		900230000158694				Peace River Upstream Release Location
CS01a	04-May-22	244	Rainbow Trout	289	264	Scales	900228000468088		DNA-2022-0030		Peace River Upstream Release Location
CS01a	04-May-22	245	Arctic Grayling	297	316	Scales	900228000468042		DNA-2022-0031		Moberly River Release Location
CS01a	04-May-22	246	Kokanee	159	40	Scales					
CS01a	04-May-22	247	Bull Trout	593	2279	Finray	900230000258261		DNA-2022-0032	147	Halfway River Release Location
CS01a	04-May-22	248	Bull Trout	715	5301	Finray	900230000259769		DNA-2022-0033	150	Halfway River Release Location
CS01a	04-May-22	249	Arctic Grayling	310	301	Scales	900230000258378		DNA-2022-0034	157	Moberly River Release Location
CS01b	04-May-22	251	Largescale Sucker	469	1242		900230000258457				Peace River Upstream Release Location
CS01b	04-May-22	252	Largescale Sucker	599	2283		900230000269857				Peace River Upstream Release Location
CS01b	04-May-22	253	Kokanee	168	38	Scales					
CS04a	04-May-22	255	Bull Trout	696	3289	Finray	900230000268921		DNA-2022-0035		Halfway River Release Location
CS04a	04-May-22	256	Northern Pikeminnow	480	1438						
CS04a	04-May-22	257	Bull Trout	701	3685		981098104938712	900230000262108	DNA-2022-0036	156	Halfway River Release Location
CS04a	04-May-22	258	Largescale Sucker	440	1059		900230000259476				Peace River Upstream Release Location
CS04a	04-May-22	259	Largescale Sucker	450	1147		900230000267252				Peace River Upstream Release Location
CS04a	04-May-22	260	Largescale Sucker	497	1754		900230000258780				Peace River Upstream Release Location
CS04a	04-May-22	261	Largescale Sucker	540	1941		900230000127105				Peace River Upstream Release Location
CS04a	04-May-22	263	Burbot	522	935	Finray	900230000259234				
CS02a	04-May-22	265	Mountain Whitefish	253	154	Scales	900228000635668				

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS02a	04-May-22	266	Rainbow Trout	351	483	Scales	900230000259409		DNA-2022-0037		Peace River Upstream Release Location
CS02a	04-May-22	267	Mountain Whitefish	353	472	Scales	900230000204888				
CS02a	04-May-22	268	Largescale Sucker	520	1845		900230000204903				Peace River Upstream Release Location
CS02a	04-May-22	269	Burbot	493	506	Finray	982126057511852				
CS02a	04-May-22	270	Arctic Grayling	237	139	Scales	900228000463724		DNA-2022-0038		Moberly River Release Location
CS04a	04-May-22	272	Rainbow Trout	325	345	Scales	900230000259717		DNA-2022-0039		Peace River Upstream Release Location
CS04b	05-May-22	274	Mountain Whitefish	293	196	Scales	900228000465887				
CS04b	05-May-22	275	Kokanee	189	69	Scales					
CS04b	05-May-22	276	Longnose Sucker	379	699		900230000259279				Peace River Upstream Release Location
CS04b	05-May-22	277	Longnose Sucker	431	1072		900230000259392				Peace River Upstream Release Location
CS04b	05-May-22	278	Mountain Whitefish	394	629	Scales	96500000281049	900230000268226			
CS04b	05-May-22	279	Rainbow Trout	251	162	Scales	900228000468105		DNA-2022-0040		Peace River Upstream Release Location
CS04b	05-May-22	280	Bull Trout	568	1932	Finray	900230000210808		DNA-2022-0041	321	Halfway River Release Location
CS02b	05-May-22	282	Longnose Sucker	390	825		900230000259086				Peace River Upstream Release Location
CS06a	05-May-22	284	Mountain Whitefish	266	208	Scales	900228000678812				
CS06a	05-May-22	285	Largescale Sucker	433	1064		900230000211304				Peace River Upstream Release Location
CS06a	05-May-22	286	Largescale Sucker	560	1999		900230000206882				Peace River Upstream Release Location
CS06b	05-May-22	288	Mountain Whitefish	312	291	Scales	900230000080354				
CS06b	05-May-22	289	Largescale Sucker	512	1851		900230000259761				Peace River Upstream Release Location
CS06b	05-May-22	290	Largescale Sucker	505	1727		900230000204123				Peace River Upstream Release Location
CS01a	11-May-22	292	Kokanee	199	82	Scales					
CS01a	11-May-22	293	Mountain Whitefish	304	227	Scales	900230000260084				
CS01a	11-May-22	294	Arctic Grayling	249	152	Scales	900228000463401		DNA-2022-0042		Peace River Upstream Release Location
CS01a	11-May-22	295	Mountain Whitefish	356	395	Scales	900230000205167				
CS01a	11-May-22	296	Mountain Whitefish	302	247	Scales	900228000591911				
CS01a	11-May-22	297	Mountain Whitefish	267	192	Scales	900228000681438				
CS01a	11-May-22	298	Largescale Sucker	512	1689		900230000258110				Peace River Upstream Release Location
CS01a	11-May-22	299	Largescale Sucker	532	1837		900230000259162				Peace River Upstream Release Location
CS01a	11-May-22	300	Largescale Sucker	444	1044		900230000269344				Peace River Upstream Release Location
CS01a	11-May-22	301	Kokanee	145	33	Scales					
CS01a	11-May-22	302	Largescale Sucker	478	1386		900010000099099	900230000259466			Peace River Upstream Release Location
CS01a	11-May-22	303	Longnose Sucker	446	1072		900230000259632				Peace River Upstream Release Location
CS01a	11-May-22	304	Largescale Sucker	514	1847		900230000258355				Peace River Upstream Release Location
CS01a	11-May-22	305	Mountain Whitefish	323	316	Scales	981098104942141	900230000206511			
CS01a	11-May-22	306	Longnose Sucker	327	444		900230000258879				Peace River Upstream Release Location
CS01a	11-May-22	307	Longnose Sucker	381	712		900230000259712				Peace River Upstream Release Location
CS01a	11-May-22	308	Largescale Sucker	475	1376		900230000211759				Peace River Upstream Release Location
CS01a	11-May-22	309	Mountain Whitefish	271	216	Scales	900228000462944				
CS01b	11-May-22	311	Largescale Sucker	435	945		900230000203849				Peace River Upstream Release Location
CS01b	11-May-22	312	Mountain Whitefish	304	301	Scales	900230000263804				
CS01b	11-May-22	313	Largescale Sucker	538	1920		900230000258538				Peace River Upstream Release Location
CS04a	11-May-22	315	Arctic Grayling	317		Scales			DNA-2022-0043		Peace River Upstream Release Location
CS04a	11-May-22	316	Largescale Sucker	455	1669		900228000463539				Peace River Upstream Release Location
CS04a	11-May-22	317	Largescale Sucker	495	1807		900230000258010				Peace River Upstream Release Location
CS04a	11-May-22	318	Largescale Sucker	508	1644		900230000258167				Peace River Upstream Release Location
CS04a	11-May-22	319	Mountain Whitefish	368	558	Scales	900230000032808				
CS04a	11-May-22	320	White Sucker	262	227		900228000468345				Peace River Upstream Release Location
CS04a	11-May-22	321	Kokanee	216	83	Scales					
CS06a	11-May-22	323	Largescale Sucker	518	1854		900230000258344				Peace River Upstream Release Location
CS06a	11-May-22	324	Largescale Sucker	596	2481		900230000125108				Peace River Upstream Release Location
CS06a	11-May-22	325	Largescale Sucker	473	1384		900230000258207				Peace River Upstream Release Location
CS06a	11-May-22	326	Mountain Whitefish	309	375	Scales	900230000204428				
CS06a	11-May-22	327	Mountain Whitefish	313	335	Scales	900230000211108				
CS06a	11-May-22	328	Mountain Whitefish	340	392	Scales	900230000125215				
CS06a	11-May-22	329	Mountain Whitefish	307	299	Scales	900228000635951				
CS06a	11-May-22	330	Largescale Sucker	454	1212		900230000262271				Peace River Upstream Release Location
CS06a	11-May-22	331	White Sucker	376	761		900228000468975				Peace River Upstream Release Location
CS06a	11-May-22	332	Kokanee	197	78	Scales					
CS06a	11-May-22	333	Largescale Sucker	509	1652		900230000080445				Peace River Upstream Release Location
CS06a	11-May-22	334	Longnose Sucker	208	107		900228000468889				
CS06a	11-May-22	335	Largescale Sucker	465	1220		900230000159835				Peace River Upstream Release Location
CS06a	11-May-22	336	Longnose Sucker	445	1133		900230000211358				Peace River Upstream Release Location
CS06a	11-May-22	337	Largescale Sucker	456	1225		900230000259600				Peace River Upstream Release Location
CS06a	11-May-22	338	Mountain Whitefish	351	443	Scales	900230000209704				
CS06a	11-May-22	339	Largescale Sucker	484	1439		900230000159712				Peace River Upstream Release Location
CS06a	11-May-22	340	Largescale Sucker	507	1418		900230000259760				Peace River Upstream Release Location
CS06a	11-May-22	341	Mountain Whitefish	287	259	Scales	900228000679280				
CS04b	11-May-22	343	Largescale Sucker	446	1110		900230000211414				Peace River Upstream Release Location
CS04b	11-May-22	344	Longnose Sucker	372	714		900230000269686				Peace River Upstream Release Location
CS04b	11-May-22	345	White Sucker	443	1133		900230000266657				Peace River Upstream Release Location
CS04b	11-May-22	346	Longnose Sucker	417	919		900230000211814				Peace River Upstream Release Location
CS04b	11-May-22	347	White Sucker	454	1106		900230000206947				Peace River Upstream Release Location
CS04b	11-May-22	348	Kokanee	211	88	Scales					
CS04b	11-May-22	349	Kokanee	207	82	Scales					
CS04b	11-May-22	350	Longnose Sucker	376	691		900230000258342				Peace River Upstream Release Location
CS04b	11-May-22	351	Mountain Whitefish	381	525	Scales	900230000204280				
CS04b	11-May-22	352	Kokanee	166	41	Scales					
CS04b	11-May-22	353	Longnose Sucker	377	636		900230000269881				Peace River Upstream Release Location
CS04b	11-May-22	354	Longnose Sucker	396	884		900230000056997				Peace River Upstream Release Location
CS04b	11-May-22	355	Longnose Sucker	431	1031		900230000206493				Peace River Upstream Release Location
CS04b	11-May-22	356	Longnose Sucker	318	437		900230000210729				Peace River Upstream Release Location
CS04b	11-May-22	357	Longnose Sucker	382	710		900230000259199				Peace River Upstream Release Location
CS06b	11-May-22	359	Largescale Sucker	474	1352		900230000269005				Peace River Upstream Release Location
CS06b	11-May-22	360	Largescale Sucker	437	981		900230000055163				Peace River Upstream Release Location
CS06b	11-May-22	361	Largescale Sucker	394	778		900230000268107				Peace River Upstream Release Location
CS06b	11-May-22	362	Largescale Sucker	408	963		900230000258786				Peace River Upstream Release Location
CS06b	11-May-22	363	Mountain Whitefish	312		Scales	900230000076482				
CS06b	11-May-22	364	Mountain Whitefish	265	177	Scales	900228000461562				
CS06b	11-May-22	365	Largescale Sucker	421	839		900230000269168				Peace River Upstream Release Location
CS06b	11-May-22	366	Largescale Sucker	483	1569		900230000258335				Peace River Upstream Release Location
CS06b	11-May-22	367	Largescale Sucker	488	1526		900230000269186				Peace River Upstream Release Location
CS06b	11-May-22	368	Largescale Sucker	477	1315		900230000267285				Peace River Upstream Release Location
CS06b	11-May-22	369	Mountain Whitefish	268	199	Scales	900228000465228				
CS06b	11-May-22	370	Largescale Sucker	457	1214		900230000258767				Peace River Upstream Release Location
CS06b	11-May-22	371	Longnose Sucker	378	667		900230000259736				Peace River Upstream Release Location
CS03a	11-May-22	373	Mountain Whitefish	318	326	Scales	900230000202571				
CS05a	12-May-22	376	Largescale Sucker	560	2311		900230000259164				Peace River Upstream Release Location
CS05a	12-May-22	377	Longnose Sucker	388	686		900230000268171				Peace River Upstream Release Location
CS05a	12-May-22	378	Mountain Whitefish	287	246	Scales	900228000370195				
CS05a	12-May-22	379	Mountain Whitefish	300	264	Scales	900228000721076				
CS05a	12-May-22	380	Largescale Sucker	513	1637		900230000259470				Peace River Upstream Release Location
CS05a	12-May-22	381	Mountain Whitefish	342	422		900228000679291				

...continued.



Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05a	12-May-22	382	Longnose Sucker	409	822		900230000262704				Peace River Upstream Release Location
CS05a	12-May-22	383	Bull Trout	274	169	Finray	900228000460262		DNA-2022-0044		Halfway River Release Location
CS05a	12-May-22	384	Lake Trout	257	138	Finray	900228000469966		DNA-2022-0046		
CS05a	12-May-22	385	Longnose Sucker	403	798		900230000056310				Peace River Upstream Release Location
CS05a	12-May-22	386	Mountain Whitefish	310	286	Scales	900230000268826				
CS05a	12-May-22	387	Kokanee	182	51	Scales					
CS05a	12-May-22	388	Kokanee	156	36	Scales					
CS05a	12-May-22	389	Longnose Sucker	412	977		900230000259746				Peace River Upstream Release Location
CS05a	12-May-22	390	Northern Pikeminnow	217	110						
CS05a	12-May-22	391	Arctic Grayling	248	147	Scales	900228000463545		DNA-2022-0045		Peace River Upstream Release Location
CS05a	12-May-22	392	Longnose Sucker	287	287		900228000463878				Peace River Upstream Release Location
CS05a	12-May-22	393	Mountain Whitefish	285	265	Scales	900228000721128				
CS05a	12-May-22	394	Mountain Whitefish	288	234	Scales	900228000461247				
CS05a	12-May-22	395	Rainbow Trout	434	801	Scales	900230000258508		DNA-2022-0047	326	Peace River Upstream Release Location
CS05a	12-May-22	396	Bull Trout	753	4791	Finray	900230000268858		DNA-2022-0048	318	Halfway River Release Location
CS05a	12-May-22	397	Largescale Sucker	258	220		900228000468266				Peace River Upstream Release Location
CS05a	12-May-22	398	Rainbow Trout	407	696	Scales	900230000259819		DNA-2022-0049	223	Peace River Upstream Release Location
CS05b	12-May-22	400	Largescale Sucker	498	1398		900230000258448				Peace River Upstream Release Location
CS05b	12-May-22	401	Largescale Sucker	512	1453		900230000210834				Peace River Upstream Release Location
CS05b	12-May-22	402	Longnose Sucker	403	898		900230000258351				Peace River Upstream Release Location
CS05b	12-May-22	403	Largescale Sucker	480	1250		900230000258914				Peace River Upstream Release Location
CS05b	12-May-22	404	White Sucker	411	890		900230000210837				Peace River Upstream Release Location
CS05b	12-May-22	405	Largescale Sucker	495	1466		900230000211061				Peace River Upstream Release Location
CS05b	12-May-22	406	Mountain Whitefish	420	825	Scales	900230000269599				
CS05b	12-May-22	407	Mountain Whitefish	288	225	Scales	900228000464570				
CS05b	12-May-22	408	Mountain Whitefish	306	273	Scales	900228000438942				
CS05b	12-May-22	409	Mountain Whitefish	320	320	Scales	900228000721086				
CS05b	12-May-22	410	Bull Trout	637	3218		900230000159616				Halfway River Release Location
CS05b	12-May-22	411	Mountain Whitefish	292	244	Scales	900228000591760				
CS05b	12-May-22	412	Mountain Whitefish	268	159	Scales	900228000591277				
CS05b	12-May-22	413	Mountain Whitefish	264	176	Scales	900228000369017				
CS05b	12-May-22	414	Mountain Whitefish	338	451	Scales	900230000269992				
CS05b	12-May-22	415	Mountain Whitefish	259	152	Scales	900228000679388				
CS05b	12-May-22	416	Mountain Whitefish	347	424	Scales	900026000033622				
CS05b	12-May-22	417	Mountain Whitefish	406	593	Scales	900230000204224				
CS05b	12-May-22	418	Mountain Whitefish	276	208	Scales	900228000540149				
CS05b	12-May-22	419	Mountain Whitefish	278	194	Scales	900228000681163				
CS05b	12-May-22	420	Mountain Whitefish	338	383	Scales	900230000076950				
CS05b	12-May-22	421	Mountain Whitefish	329	333	Scales	900230000204233				
CS05b	12-May-22	422	Largescale Sucker	466	1269		900230000205392				Peace River Upstream Release Location
CS05b	12-May-22	423	Largescale Sucker	552	2212		900230000268091				Peace River Upstream Release Location
CS05b	12-May-22	424	Longnose Sucker	432	937		900230000206820				Peace River Upstream Release Location
CS05b	12-May-22	425	Largescale Sucker	398	772		900230000259660				Peace River Upstream Release Location
CS05b	12-May-22	426	Largescale Sucker	440	1224		900230000054987				Peace River Upstream Release Location
CS05b	12-May-22	427	Largescale Sucker	521	1907		900230000259414				Peace River Upstream Release Location
CS05b	12-May-22	428	Largescale Sucker	450	1206		900230000033852				Peace River Upstream Release Location
CS05b	12-May-22	429	Longnose Sucker	370	666		900230000204680				Peace River Upstream Release Location
CS05b	12-May-22	430	Largescale Sucker	447	1254		981098106069851				Peace River Upstream Release Location
CS05b	12-May-22	431	Longnose Sucker	375	700		900230000258880				Peace River Upstream Release Location
CS05b	12-May-22	432	Largescale Sucker	496	1510		900230000258658				Peace River Upstream Release Location
CS05b	12-May-22	433	Longnose Sucker	399	737		900230000259000				Peace River Upstream Release Location
CS05b	12-May-22	434	Longnose Sucker	440	1020		900230000032452				Peace River Upstream Release Location
CS05b	12-May-22	435	Longnose Sucker	214	133		900228000468644				Peace River Upstream Release Location
CS05b	12-May-22	436	Largescale Sucker	395	815		900230000258323				Peace River Upstream Release Location
CS05b	12-May-22	437	Rainbow Trout	418	630	Scales	900230000258153		DNA-2022-0050	303	Peace River Upstream Release Location
CS05b	12-May-22	438	Kokanee	213	80	Scales					
CS02a	12-May-22	442	Mountain Whitefish	306	284	Scales	900230000204540				
CS02a	12-May-22	443	Largescale Sucker	443	1174		900230000206699				Peace River Upstream Release Location
CS02a	12-May-22	444	Rainbow Trout	305	287	Scales	900230000258545		DNA-2022-0051	306	Peace River Upstream Release Location
CS02a	12-May-22	445	Largescale Sucker	514	1688		900230000259606				Peace River Upstream Release Location
CS02a	12-May-22	446	Rainbow Trout	264	197	Scales	900228000469380		DNA-2022-0052		Peace River Upstream Release Location
CS02a	12-May-22	447	Largescale Sucker	538	1843		900230000258848				Peace River Upstream Release Location
CS01b	18-May-22	563	Mountain Whitefish	348	373	Scales	900230000159633				
CS01b	18-May-22	564	Largescale Sucker	487	1501		900230000259633				Peace River Upstream Release Location
CS01b	18-May-22	565	Largescale Sucker	510	1586		900230000263815				Peace River Upstream Release Location
CS01b	18-May-22	566	Largescale Sucker	467	1182		900230000259128				Peace River Upstream Release Location
CS01b	18-May-22	567	Largescale Sucker	452	1055		900230000259014				Peace River Upstream Release Location
CS01b	18-May-22	568	Largescale Sucker	503	1409		900230000268475				Peace River Upstream Release Location
CS01b	18-May-22	569	Mountain Whitefish	340	380	Scales	900230000242202				
CS01b	18-May-22	570	White Sucker	425	914		900230000258482				Peace River Upstream Release Location
CS01b	18-May-22	571	Largescale Sucker	502	1336		900230000210902				Peace River Upstream Release Location
CS01b	18-May-22	572	Largescale Sucker	426	956		900230000268584				Peace River Upstream Release Location
CS01b	18-May-22	573	Largescale Sucker	501	1365		900230000267278				Peace River Upstream Release Location
CS01b	18-May-22	574	Mountain Whitefish	276	232	Scales	900228000460699				
CS01a	18-May-22	576	Largescale Sucker	475	1574		900230000259811				Peace River Upstream Release Location
CS01a	18-May-22	577	Largescale Sucker	444	1003		900230000259622				Peace River Upstream Release Location
CS01a	18-May-22	578	Northern Pikeminnow	408	869						
CS01a	18-May-22	579	Largescale Sucker	505	1683		981098104939817	900230000258773			Peace River Upstream Release Location
CS01a	18-May-22	580	Largescale Sucker	373	592		900230000159698				Peace River Upstream Release Location
CS01a	18-May-22	581	Northern Pikeminnow	366	555						
CS01a	18-May-22	582	Longnose Sucker	420	968		900230000269202				Peace River Upstream Release Location
CS01a	18-May-22	583	Largescale Sucker	555	2068		900230000259843				Peace River Upstream Release Location
CS01a	18-May-22	584	Largescale Sucker	501	1423		900230000269598				Peace River Upstream Release Location
CS01a	18-May-22	585	Longnose Sucker	425	805		900230000259022				Peace River Upstream Release Location
CS01a	18-May-22	586	Mountain Whitefish	337	340	Scales	900230000211624				
CS01a	18-May-22	587	Longnose Sucker	400	890		900230000206875				Peace River Upstream Release Location
CS01a	18-May-22	588	Largescale Sucker	434	923		900230000258501				Peace River Upstream Release Location
CS01a	18-May-22	589	Mountain Whitefish	282	206	Scales	900228000464498				
CS01a	18-May-22	590	Largescale Sucker	475	1449		900230000258826				Peace River Upstream Release Location
CS01a	18-May-22	591	Largescale Sucker	440	1036		900230000269030				Peace River Upstream Release Location
CS01a	18-May-22	592	Largescale Sucker	489	1461		900230000159795				Peace River Upstream Release Location
CS01a	18-May-22	593	Longnose Sucker	374	619		900230000259617				Peace River Upstream Release Location
CS01a	18-May-22	594	Longnose Sucker	330	391		900230000259440				Peace River Upstream Release Location
CS01a	18-May-22	595	Largescale Sucker	446	999		900230000205605				Peace River Upstream Release Location
CS01a	18-May-22	596	Largescale Sucker	404	729		900230000266568				Peace River Upstream Release Location
CS01a	18-May-22	597	Longnose Sucker	383	776		900230000268062				Peace River Upstream Release Location
CS01a	18-May-22	598	Largescale Sucker	417	939		900230000206969				Peace River Upstream Release Location
CS01a	18-May-22	599	Longnose Sucker	390	745		900230000269274				Peace River Upstream Release Location
CS01a	18-May-22	600	Largescale Sucker	413	819		900230000259296				Peace River Upstream Release Location
CS01a	18-May-22	601	Largescale Sucker	473	1293		900230000259254				Peace River Upstream Release Location
CS01a	18-May-22	602	Largescale Sucker	402	796		900230000259768				Peace River Upstream Release Location
CS01a	18-May-22	603	Rainbow Trout	215	105	Scales	900228000469845		DNA-2022-0053		

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS04a	18-May-22	605	Northern Pike minnow	472	1474						
CS04a	18-May-22	606	Kokanee	170	53	Scales					
CS04a	18-May-22	607	Kokanee	153	37	Scales					
CS04a	18-May-22	608	Kokanee	156	37	Scales					
CS04a	18-May-22	609	Largescale Sucker	423	854		900230000259322				Peace River Upstream Release Location
CS04a	18-May-22	610	Kokanee	207	78	Scales					
CS04a	18-May-22	611	Kokanee	172	47						
CS04a	18-May-22	612	Largescale Sucker	438	1060		900230000210399				Peace River Upstream Release Location
CS04a	18-May-22	613	Northern Pike minnow	406	861						
CS04a	18-May-22	614	Longnose Sucker	346	567		900230000258532				Peace River Upstream Release Location
CS04a	18-May-22	615	Largescale Sucker	507	1767		900230000259436				Peace River Upstream Release Location
CS04a	18-May-22	616	Largescale Sucker	456	1229		900230000206963				Peace River Upstream Release Location
CS04a	18-May-22	617	Longnose Sucker	377	675		900230000259546				Peace River Upstream Release Location
CS04a	18-May-22	618	Largescale Sucker	505	1579		900230000262398				Peace River Upstream Release Location
CS04a	18-May-22	619	Largescale Sucker	410	840		900230000258612				Peace River Upstream Release Location
CS04a	18-May-22	620	Longnose Sucker	375	613		900230000258307				Peace River Upstream Release Location
CS04a	18-May-22	621	Largescale Sucker	435	1112		900230000268749				Peace River Upstream Release Location
CS04a	18-May-22	622	Longnose Sucker	417	885		900230000268656				Peace River Upstream Release Location
CS04a	18-May-22	623	Longnose Sucker	395	799		900230000258888				Peace River Upstream Release Location
CS04a	18-May-22	624	Rainbow Trout	270	198	Scales	900228000469066		DNA-2022-0054		Peace River Upstream Release Location
CS04a	18-May-22	625	Largescale Sucker	452	1199		900230000258400				Peace River Upstream Release Location
CS04a	18-May-22	626	Bull Trout	720	4252		900230000210984				Halfway River Release Location
CS04a	18-May-22	627	Bull Trout	730	5471	Finray	900230000258877		DNA-2022-0055	349	Halfway River Release Location
CS04a	18-May-22	628	Bull Trout	550	1955	Finray	900230000258866		DNA-2022-0056	322	Halfway River Release Location
CS06a	18-May-22	630	Mountain Whitefish	400	600	Scales	981098106071224				
CS06a	18-May-22	631	Largescale Sucker	381	698		900230000259368				Peace River Upstream Release Location
CS06a	18-May-22	632	Largescale Sucker	381	712		900230000158797				Peace River Upstream Release Location
CS06a	18-May-22	633	Largescale Sucker	483	1494		900230000258369				Peace River Upstream Release Location
CS06a	18-May-22	634	Largescale Sucker	543	2073		900230000262546				Peace River Upstream Release Location
CS06a	18-May-22	635	Largescale Sucker	410	953		900230000158983				Peace River Upstream Release Location
CS06a	18-May-22	636	Largescale Sucker	516	1865		900230000259458				Peace River Upstream Release Location
CS06a	18-May-22	637	Largescale Sucker	438	983		900230000259703				Peace River Upstream Release Location
CS06a	18-May-22	638	Longnose Sucker	437	1099		900230000259543				Peace River Upstream Release Location
CS06a	18-May-22	639	Mountain Whitefish	370	536		900230000126477				
CS06a	18-May-22	640	Largescale Sucker	524	1929		900230000209085				Peace River Upstream Release Location
CS06a	18-May-22	641	Largescale Sucker	480	1190		900230000259511				Peace River Upstream Release Location
CS06a	18-May-22	642	Largescale Sucker	480	1260		900230000259762				Peace River Upstream Release Location
CS06a	18-May-22	643	Longnose Sucker	414	829		900230000266697				Peace River Upstream Release Location
CS06a	18-May-22	644	Mountain Whitefish	273	154	Scales	900228000465484				
CS06a	18-May-22	645	Largescale Sucker	411	920		900230000258904				Peace River Upstream Release Location
CS06a	18-May-22	646	Largescale Sucker	525	1829		900230000259679				Peace River Upstream Release Location
CS06a	18-May-22	647	Longnose Sucker	422	1032		900230000262524				Peace River Upstream Release Location
CS06a	18-May-22	648	Mountain Whitefish	328	321	Scales	900230000205987				
CS06a	18-May-22	649	Mountain Whitefish	350	469	Scales	900228000368807				
CS06a	18-May-22	650	Largescale Sucker	505	1540		981098104942017	900230000266686			Peace River Upstream Release Location
CS06a	18-May-22	651	Largescale Sucker	457	1120		900230000259431				Peace River Upstream Release Location
CS06a	18-May-22	652	Largescale Sucker	505	1573		900230000077417				Peace River Upstream Release Location
CS06a	18-May-22	653	Longnose Sucker	418	880		900230000206389				Peace River Upstream Release Location
CS06a	18-May-22	654	Largescale Sucker	523	1850		900230000258708				Peace River Upstream Release Location
CS06a	18-May-22	655	Largescale Sucker	516	1688		900230000268088				Peace River Upstream Release Location
CS06a	18-May-22	656	Largescale Sucker	424	1020		900230000258913				Peace River Upstream Release Location
CS06a	18-May-22	657	Northern Pike minnow	484	1480						
CS06a	18-May-22	658	Largescale Sucker	448	1002		900230000159931				Peace River Upstream Release Location
CS06a	18-May-22	659	Longnose Sucker	398	686		900230000258251				Peace River Upstream Release Location
CS06a	18-May-22	660	Largescale Sucker	445	1073		900230000259195				Peace River Upstream Release Location
CS06a	18-May-22	661	Largescale Sucker	396	788		900230000258397				Peace River Upstream Release Location
CS06a	18-May-22	662	Bull Trout	461	901	Finray	900230000258746		DNA-2022-0057		Halfway River Release Location
CS06a	18-May-22	663	Bull Trout	770	5131	Finray	900230000268372		DNA-2022-0058	327	Halfway River Release Location
CS06a	18-May-22	664	Bull Trout	858	7370	Finray	900230000268761		DNA-2022-0059	292	Halfway River Release Location
CS04a	18-May-22	666	Burbot	252	72		900228000468056				
CS04b	18-May-22	672	Bull Trout	608	2221		900230000258959				Halfway River Release Location
CS04b	18-May-22	673	Bull Trout	626	3057	Finray	900230000258725		DNA-2022-0060	315	Halfway River Release Location
CS04b	18-May-22	674	Kokanee	161	39	Scales					
CS04b	18-May-22	675	Kokanee	154	30	Scales					
CS04b	18-May-22	676	Mountain Whitefish	280	229	Scales	900228000463601				
CS04b	18-May-22	677	Kokanee	174	48	Scales					
CS04b	18-May-22	678	Kokanee	161	40	Scales					
CS04b	18-May-22	679	Kokanee	165	36	Scales					
CS04b	18-May-22	680	Largescale Sucker	523	1659		900230000259335				Peace River Upstream Release Location
CS04b	18-May-22	681	Largescale Sucker	519	1678		900230000242297				Peace River Upstream Release Location
CS04b	18-May-22	682	Lake Trout	534	3177		900230000159435				
CS04b	18-May-22	683	Largescale Sucker	422	1047		900230000206434				Peace River Upstream Release Location
CS04b	18-May-22	684	White Sucker	314	396		900230000259830				Peace River Upstream Release Location
CS04b	18-May-22	685	Longnose Sucker	195	82						
CS04b	18-May-22	686	Longnose Sucker	233	149		900228000468422				
CS04b	18-May-22	687	Longnose Sucker	230	126		900228000468932				
CS04b	18-May-22	688	Longnose Sucker	431	1003		900230000258341				Peace River Upstream Release Location
CS04b	18-May-22	689	Longnose Sucker	435	991		900230000259667				Peace River Upstream Release Location
CS06b	18-May-22	691	Largescale Sucker	348	522		900230000210326				Peace River Upstream Release Location
CS06b	18-May-22	692	Largescale Sucker	519	1709		900230000209614				Peace River Upstream Release Location
CS06b	18-May-22	693	Largescale Sucker	444	1056		900230000074332				Peace River Upstream Release Location
CS06b	18-May-22	694	Largescale Sucker	426	919		900230000159388				Peace River Upstream Release Location
CS06b	18-May-22	695	Largescale Sucker	561	2327		900230000211484				Peace River Upstream Release Location
CS06b	18-May-22	696	Mountain Whitefish	269	168	Scales	900228000540965				
CS06b	18-May-22	697	Largescale Sucker	392	784		900230000158895				Peace River Upstream Release Location
CS06b	18-May-22	698	Mountain Whitefish	319	392	Scales	900230000159563				
CS06b	18-May-22	699	Mountain Whitefish	328	349	Scales	900228000348918				
CS06b	18-May-22	700	Mountain Whitefish	374	499	Scales	900230000268431				
CS06b	18-May-22	701	Longnose Sucker	399	790		900230000211259				Peace River Upstream Release Location
CS06b	18-May-22	702	Largescale Sucker	260	222		900228000469429				Peace River Upstream Release Location
CS06b	18-May-22	703	Largescale Sucker	398	815		900230000056677				Peace River Upstream Release Location
CS06b	18-May-22	704	Longnose Sucker	385	710		900230000211010				Peace River Upstream Release Location
CS06b	18-May-22	705	Longnose Sucker	387	693		900230000032748				Peace River Upstream Release Location
CS06b	18-May-22	706	Longnose Sucker	431	997		900230000057565				Peace River Upstream Release Location
CS06b	18-May-22	707	Longnose Sucker	466	1116		900230000259391				Peace River Upstream Release Location
CS06b	18-May-22	708	Longnose Sucker	416	841		900230000269220				Peace River Upstream Release Location
CS02b	19-May-22	710	Largescale Sucker	511	1571		900230000268114				Peace River Upstream Release Location
CS02b	19-May-22	711	Largescale Sucker	445	1028		900230000259032				Peace River Upstream Release Location
CS02b	19-May-22	712	Largescale Sucker	460	1135		900230000210909				Peace River Upstream Release Location
CS02b	19-May-22	713	Longnose Sucker	480	1564		900230000269510				Peace River Upstream Release Location
CS02b	19-May-22	714	Longnose Sucker	250	190		900228000468779				Peace River Upstream Release Location
CS02b	19-May-22	715	Mountain Whitefish	320	336	Scales	900228000587788				

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS02b	19-May-22	716	Longnose Sucker	416	912		900230000258674				Peace River Upstream Release Location
CS02b	19-May-22	717	Kokanee	172	54	Scales					
CS02b	19-May-22	718	Mountain Whitefish	292	281	Scales	900228000463235				
CS02a	19-May-22	720	Mountain Whitefish	240	138	Scales	900226001167062				
CS02a	19-May-22	721	Largescale Sucker	420	901		900230000269486				Peace River Upstream Release Location
CS02a	19-May-22	722	Mountain Whitefish	325	334	Scales	900230000057945				
CS02a	19-May-22	723	Mountain Whitefish	333	290	Scales	900230000080564				
CS02a	19-May-22	724	Mountain Whitefish	261	158	Scales	900228000369823				
CS02a	19-May-22	725	Mountain Whitefish	312	266	Scales	900228000370304				
CS05b	19-May-22	727	Largescale Sucker	461	1078		900230000159683				Peace River Upstream Release Location
CS05b	19-May-22	728	Mountain Whitefish	375	418	Scales	90023000030230				
CS05b	19-May-22	729	Largescale Sucker	505	1454		981098106072015	900230000259580			Peace River Upstream Release Location
CS05b	19-May-22	730	Lake Trout	755	5585	Finray	900230000258347		DNA-2022-0061		
CS05b	19-May-22	731	Largescale Sucker	480	1213		900230000259413				Peace River Upstream Release Location
CS05b	19-May-22	732	Longnose Sucker	229	127		900228000468743				
CS05b	19-May-22	733	Largescale Sucker	483	1480		900230000258952				Peace River Upstream Release Location
CS05b	19-May-22	734	Largescale Sucker	545	2093		981098106067743	900230000032448			Peace River Upstream Release Location
CS05b	19-May-22	735	Lake Trout	624	2519	Finray	900230000258903		DNA-2022-0062		
CS05b	19-May-22	736	Largescale Sucker	533	1888		900230000054124				Peace River Upstream Release Location
CS05b	19-May-22	737	Largescale Sucker	407	792		900230000269851				Peace River Upstream Release Location
CS05b	19-May-22	738	Mountain Whitefish	303	237	Scales	900228000348210				
CS05b	19-May-22	739	Largescale Sucker	474	1227		900230000209407				Peace River Upstream Release Location
CS05b	19-May-22	740	Mountain Whitefish	327	323	Scales	981098106067910	900230000258392			
CS05b	19-May-22	741	Largescale Sucker	584	2229		900230000259798				Peace River Upstream Release Location
CS05b	19-May-22	742	Largescale Sucker	552	2082		900230000268514				Peace River Upstream Release Location
CS05b	19-May-22	743	Largescale Sucker	515	1534		900230000057879				Peace River Upstream Release Location
CS05b	19-May-22	744	Largescale Sucker	497	1540		900230000269485				Peace River Upstream Release Location
CS05b	19-May-22	745	Largescale Sucker	380	673		900230000268305				Peace River Upstream Release Location
CS05b	19-May-22	746	Longnose Sucker	335	497		900230000258275				Peace River Upstream Release Location
CS05b	19-May-22	747	Largescale Sucker	543	1832		900230000259469				Peace River Upstream Release Location
CS05b	19-May-22	748	Longnose Sucker	402	839		900230000159859				Peace River Upstream Release Location
CS05b	19-May-22	749	Longnose Sucker	398	770		900230000258500				Peace River Upstream Release Location
CS05b	19-May-22	750	Longnose Sucker	376	722		900230000206832				Peace River Upstream Release Location
CS05b	19-May-22	751	Largescale Sucker	460	1102		900230000259672				Peace River Upstream Release Location
CS05b	19-May-22	752	Longnose Sucker	386	683		900228000541855				Peace River Upstream Release Location
CS05b	19-May-22	753	Longnose Sucker	421	873		900230000030732				Peace River Upstream Release Location
CS05b	19-May-22	754	Longnose Sucker	443	1208		900230000258549				Peace River Upstream Release Location
CS05b	19-May-22	755	Longnose Sucker	405	872		900230000258789				Peace River Upstream Release Location
CS05b	19-May-22	756	Longnose Sucker	421	901		900230000262169				Peace River Upstream Release Location
CS05b	19-May-22	757	Longnose Sucker	425	959		900230000033685				Peace River Upstream Release Location
CS05b	19-May-22	758	Largescale Sucker	400	803		900230000259441				Peace River Upstream Release Location
CS05b	19-May-22	759	Arctic Grayling	309	359	Scales	900230000266640		DNA-2022-0063	300	Peace River Upstream Release Location
CS05b	19-May-22	760	Rainbow Trout	402	653	Scales	900230000259639		DNA-2022-0064	302	Peace River Upstream Release Location
CS05b	19-May-22	761	Longnose Sucker	342	526		900230000259177				Peace River Upstream Release Location
CS05b	19-May-22	762	Arctic Grayling	318	363	Scales	900230000259029		DNA-2022-0065	314	Peace River Upstream Release Location
CS05b	19-May-22	763	Bull Trout	860	7881		900230000126839			337	Halfway River Release Location
CS05b	19-May-22	764	Longnose Sucker	253			900228000469156				Peace River Upstream Release Location
CS04a	24-May-22	765	Longnose Sucker	381	756		900230000206855				Peace River Upstream Release Location
CS04a	24-May-22	766	Largescale Sucker	504	1754		900230000259201				Peace River Upstream Release Location
CS04a	24-May-22	767	Longnose Sucker	369	719		900230000210305				Peace River Upstream Release Location
CS04a	24-May-22	768	Redside Shiner	85	12						
CS04a	24-May-22	769	Largescale Sucker	478	1284		900230000262902				Peace River Upstream Release Location
CS04a	24-May-22	770	Longnose Sucker	292	270		900228000635369				Peace River Upstream Release Location
CS04a	24-May-22	771	Northern Pikeminnow	475	1591						
CS04a	24-May-22	772	Largescale Sucker	357	605		900230000269016				Peace River Upstream Release Location
CS04a	24-May-22	773	White Sucker	396	886		900230000258011				Peace River Upstream Release Location
CS04a	24-May-22	774	White Sucker	344	700		900230000259739				Peace River Upstream Release Location
CS04a	24-May-22	775	White Sucker	357	630		900230000259498				Peace River Upstream Release Location
CS04a	24-May-22	776	Largescale Sucker	451	1190		900230000211295				Peace River Upstream Release Location
CS04a	24-May-22	777	Longnose Sucker	395	772		900230000258481				Peace River Upstream Release Location
CS04a	24-May-22	778	White Sucker	405	738		900230000269210				Peace River Upstream Release Location
CS04a	24-May-22	779	Largescale Sucker	434	1188		982126057511899				Peace River Upstream Release Location
CS04a	24-May-22	780	Longnose Sucker	364	666		900230000258581				Peace River Upstream Release Location
CS04a	24-May-22	781	Largescale Sucker	459	1160		900230000210342				Peace River Upstream Release Location
CS04a	24-May-22	782	Largescale Sucker	444	1083		900230000210069				Peace River Upstream Release Location
CS04a	24-May-22	783	White Sucker	364	617		900230000258408				Peace River Upstream Release Location
CS04a	24-May-22	784	Largescale Sucker	466	1202		900230000258295				Peace River Upstream Release Location
CS04a	24-May-22	785	Kokanee	195	76	Scales					
CS04a	24-May-22	786	Mountain Whitefish	261	175	Scales	900228000460547				
CS04a	24-May-22	787	Bull Trout	621	2699		900230000204733				Halfway River Release Location
CS04a	24-May-22	788	Bull Trout	570	2574	Finray	900230000206424		DNA-2022-0066	310	Halfway River Release Location
CS04a	24-May-22	789	Bull Trout	690	3801		900230000159870				Halfway River Release Location
CS04b	24-May-22	791	Largescale Sucker	536	1729		900230000259424				Peace River Upstream Release Location
CS04b	24-May-22	792	Longnose Sucker	450	1080		900230000158064				Peace River Upstream Release Location
CS04b	24-May-22	793	Largescale Sucker	500	1469		900230000032842				Peace River Upstream Release Location
CS04b	24-May-22	794	Longnose Sucker	430	976		900230000259630				Peace River Upstream Release Location
CS04b	24-May-22	795	Longnose Sucker	425	1079		900230000258024				Peace River Upstream Release Location
CS04b	24-May-22	796	Largescale Sucker	302	350		900230000259662				Peace River Upstream Release Location
CS04b	24-May-22	797	Longnose Sucker	370	690		900230000258811				Peace River Upstream Release Location
CS04b	24-May-22	798	Longnose Sucker	435	1327		982126057511809				Peace River Upstream Release Location
CS04b	24-May-22	799	Longnose Sucker	244	156		900228000468053				
CS04b	24-May-22	800	Longnose Sucker	235	136		900228000468959				
CS04b	24-May-22	801	Longnose Sucker	330	436		900230000206067				Peace River Upstream Release Location
CS04b	24-May-22	802	Longnose Sucker	335	478		900230000259656				Peace River Upstream Release Location
CS04b	24-May-22	803	Longnose Sucker	315	391		900228000465976				Peace River Upstream Release Location
CS04b	24-May-22	804	Longnose Sucker	455	947		900230000206521				Peace River Upstream Release Location
CS04b	24-May-22	805	Largescale Sucker	460	1222		900230000258321				Peace River Upstream Release Location
CS04b	24-May-22	806	Longnose Sucker	430	1148		900230000269469				Peace River Upstream Release Location
CS04b	24-May-22	807	Slimy Sculpin	70	4						
CS04b	24-May-22	808	Bull Trout	500	1135	Finray	900230000266509		DNA-2022-0067		Halfway River Release Location
CS04b	24-May-22	809	Bull Trout	530	1417		900230000262610				Halfway River Release Location
CS06a	24-May-22	811	Mountain Whitefish	340	456	Scales	981098104791439	900230000258221			
CS06a	24-May-22	812	Mountain Whitefish	280	185	Scales	900228000462226				
CS06a	24-May-22	813	Largescale Sucker	410	918		900230000259594				Peace River Upstream Release Location
CS06a	24-May-22	814	Mountain Whitefish	325	328	Scales	900230000206749				
CS06a	24-May-22	815	Longnose Sucker	420	934		900230000258084				Peace River Upstream Release Location
CS06a	24-May-22	816	Largescale Sucker	430	966		900230000159856				Peace River Upstream Release Location
CS06a	24-May-22	817	Northern Pikeminnow	468	1148						
CS06a	24-May-22	818	Largescale Sucker	405	819		900230000266638				Peace River Upstream Release Location
CS06a	24-May-22	819	Largescale Sucker	576	1296		900230000258444				Peace River Upstream Release Location
CS06a	24-May-22	820	Largescale Sucker	515	1432		900230000205623				Peace River Upstream Release Location
CS06a	24-May-22	821	Mountain Whitefish	273	214	Scales	900228000349553				

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS06a	24-May-22	822	Longnose Sucker	395	786		900230000263126				Peace River Upstream Release Location
CS06a	24-May-22	823	Longnose Sucker	405	840		900230000263069				Peace River Upstream Release Location
CS06a	24-May-22	824	Longnose Sucker	420	973		900230000259094				Peace River Upstream Release Location
CS06a	24-May-22	825	Longnose Sucker	418	916		900230000269122				Peace River Upstream Release Location
CS06a	24-May-22	826	Longnose Sucker	410	904		900230000078443				Peace River Upstream Release Location
CS06a	24-May-22	827	Northern Pikeminnow	375	655						
CS06a	24-May-22	828	Mountain Whitefish	295	244		900228000721016				
CS06a	24-May-22	829	Largescale Sucker	424	944		900230000259772				Peace River Upstream Release Location
CS06a	24-May-22	830	Longnose Sucker	382	675		982126057511861				Peace River Upstream Release Location
CS06a	24-May-22	831	Largescale Sucker	416	965		900230000259828				Peace River Upstream Release Location
CS06a	24-May-22	832	Longnose Sucker	400	832		900230000258785				Peace River Upstream Release Location
CS06a	24-May-22	833	Largescale Sucker	395	772		900230000259366				Peace River Upstream Release Location
CS06a	24-May-22	834	Longnose Sucker	400	738		900230000259313				Peace River Upstream Release Location
CS06a	24-May-22	835	Largescale Sucker	495	1617		900230000266696				Peace River Upstream Release Location
CS06a	24-May-22	836	Largescale Sucker	473	1356		900230000159511				Peace River Upstream Release Location
CS06a	24-May-22	837	Largescale Sucker	490	1490		982126057511871				Peace River Upstream Release Location
CS06a	24-May-22	838	Largescale Sucker	430	768		900230000206847				Peace River Upstream Release Location
CS06a	24-May-22	839	Largescale Sucker	388	786		900230000259752				Peace River Upstream Release Location
CS06a	24-May-22	840	Largescale Sucker	426	1064		900230000258647				Peace River Upstream Release Location
CS06a	24-May-22	841	Largescale Sucker	498	1408		900230000259837				Peace River Upstream Release Location
CS06a	24-May-22	842	Largescale Sucker	386	760		900230000259682				Peace River Upstream Release Location
CS06a	24-May-22	843	White Sucker	304	345		900230000259700				Peace River Upstream Release Location
CS06a	24-May-22	844	Largescale Sucker	444	1012		900230000259564				Peace River Upstream Release Location
CS06a	24-May-22	845	Longnose Sucker	418	938		900230000158157				Peace River Upstream Release Location
CS06a	24-May-22	846	Burbot	498	711		982126057511852				
CS06a	24-May-22	847	Longnose Sucker	245	160		900228000439815	900228000439815			
CS06a	24-May-22	848	Largescale Sucker	375	546		900230000259398				Peace River Upstream Release Location
CS06a	24-May-22	849	Longnose Sucker	418	783		900230000258771				Peace River Upstream Release Location
CS03a	24-May-22	851	Mountain Whitefish	321	357	Scales	981098104938541	900230000258302			
CS03a	24-May-22	852	Mountain Whitefish	329	302	Scales	981098106072344	900230000258971			
CS03a	24-May-22	853	Largescale Sucker	465	1303		900230000268395				Peace River Upstream Release Location
CS03a	24-May-22	854	Northern Pikeminnow	430	973						
CS03a	24-May-22	855	Longnose Sucker	364	710		900230000268306				Peace River Upstream Release Location
CS03a	24-May-22	856	Largescale Sucker	395	745		900230000258991				Peace River Upstream Release Location
CS03a	24-May-22	857	Longnose Sucker	430	1071		900230000127945				Peace River Upstream Release Location
CS03a	24-May-22	858	Largescale Sucker	515	1668		900230000259047				Peace River Upstream Release Location
CS03a	24-May-22	859	Longnose Sucker	414	909		900230000259834				Peace River Upstream Release Location
CS03a	24-May-22	860	Longnose Sucker	391	749		900230000259835				Peace River Upstream Release Location
CS03a	24-May-22	861	Largescale Sucker	492	752						
CS03a	24-May-22	862	Northern Pikeminnow	389	665						
CS03a	24-May-22	863	Longnose Sucker	408	902		900230000210508				Peace River Upstream Release Location
CS03a	24-May-22	864	Largescale Sucker	460	1155		900230000124645				Peace River Upstream Release Location
CS03a	24-May-22	865	Largescale Sucker	444	1145		900230000258629				Peace River Upstream Release Location
CS03a	24-May-22	866	Longnose Sucker	366	612		900230000258858				Peace River Upstream Release Location
CS03a	24-May-22	867	Longnose Sucker	371	655		900230000259579				Peace River Upstream Release Location
CS03a	24-May-22	868	Longnose Sucker	439	941		900230000259714				Peace River Upstream Release Location
CS03a	24-May-22	869	Longnose Sucker	380	674		900230000258661				Peace River Upstream Release Location
CS03a	24-May-22	870	Longnose Sucker	413	808		900230000259367				Peace River Upstream Release Location
CS03a	24-May-22	871	Largescale Sucker	445	1074		900230000258520				Peace River Upstream Release Location
CS03a	24-May-22	872	Longnose Sucker	394	688		900230000259330				Peace River Upstream Release Location
CS03a	24-May-22	873	Longnose Sucker	380	712		900230000259021				Peace River Upstream Release Location
CS03a	24-May-22	874	Longnose Sucker	395	717		900230000259410				Peace River Upstream Release Location
CS03a	24-May-22	875	Largescale Sucker	484	1295		900230000078751				Peace River Upstream Release Location
CS03a	24-May-22	876	Longnose Sucker	414	762		900230000211496				Peace River Upstream Release Location
CS03a	24-May-22	877	Longnose Sucker	392	772		900230000259459				Peace River Upstream Release Location
CS03a	24-May-22	878	Longnose Sucker	366	548		900230000259133				Peace River Upstream Release Location
CS03a	24-May-22	879	Largescale Sucker	458	1187		900230000079957				Peace River Upstream Release Location
CS03a	24-May-22	880	Largescale Sucker	460	1035		900230000208323				Peace River Upstream Release Location
CS03a	24-May-22	881	Bull Trout	606	2695	Finrays	900230000262211			312	Halfway River Release Location
CS03a	24-May-22	882	Bull Trout	614	2174	Finrays	900230000259102		DNA-2022-0068	325	Halfway River Release Location
CS05a	25-May-22	884	Mountain Whitefish	328	331		900230000076758				
CS05a	25-May-22	885	Largescale Sucker	446	1141		900230000259425				Peace River Upstream Release Location
CS05a	25-May-22	886	Largescale Sucker	456	1197		900230000258504				Peace River Upstream Release Location
CS05a	25-May-22	887	Largescale Sucker	475	1199		982126057511824				Peace River Upstream Release Location
CS05a	25-May-22	888	Largescale Sucker	440	1199		900230000258453				Peace River Upstream Release Location
CS05a	25-May-22	889	Largescale Sucker	478	1141		900230000268452				Peace River Upstream Release Location
CS05a	25-May-22	890	Largescale Sucker	500	1769		900230000204745				Peace River Upstream Release Location
CS05a	25-May-22	891	Largescale Sucker	535	1978		900230000158624				Peace River Upstream Release Location
CS05a	25-May-22	892	Largescale Sucker	504	1816		900230000076885				Peace River Upstream Release Location
CS05a	25-May-22	893	Longnose Sucker	425	902		900230000203392				Peace River Upstream Release Location
CS05a	25-May-22	894	Largescale Sucker	511	1677		900230000258316				Peace River Upstream Release Location
CS05a	25-May-22	895	Largescale Sucker	500	1473		900230000206695				Peace River Upstream Release Location
CS05a	25-May-22	896	Largescale Sucker	425	887		900230000269449				Peace River Upstream Release Location
CS05a	25-May-22	897	Longnose Sucker	424	1131		900230000259818				Peace River Upstream Release Location
CS05a	25-May-22	898	Largescale Sucker	505	1583		900230000126654				Peace River Upstream Release Location
CS05a	25-May-22	899	Longnose Sucker	407	832		900230000258226				Peace River Upstream Release Location
CS05a	25-May-22	900	Largescale Sucker	418	950		900228000586289				Peace River Upstream Release Location
CS05a	25-May-22	901	Largescale Sucker	509	1748		900230000268681				Peace River Upstream Release Location
CS05a	25-May-22	902	Longnose Sucker	411	1001		900230000259813				Peace River Upstream Release Location
CS05a	25-May-22	903	Largescale Sucker	504	1628		900230000127767				Peace River Upstream Release Location
CS05a	25-May-22	904	Largescale Sucker	411	945		900230000203982				Peace River Upstream Release Location
CS05a	25-May-22	905	Largescale Sucker	482	1412		900230000211565				Peace River Upstream Release Location
CS05a	25-May-22	906	Arctic Grayling	221	106	Scales	900226001222325				Peace River Upstream Release Location
CS05a	25-May-22	907	Largescale Sucker	441	1165		900230000259765				Peace River Upstream Release Location
CS05a	25-May-22	908	Largescale Sucker	474	1479		900230000030060				Peace River Upstream Release Location
CS05a	25-May-22	909	Longnose Sucker	405	830		900230000259613				Peace River Upstream Release Location
CS05a	25-May-22	910	Rainbow Trout	425	733		900230000258986		DNA-2022-0069	305	Peace River Upstream Release Location
CS05a	25-May-22	911	Largescale Sucker	446	962		900230000159637				Peace River Upstream Release Location
CS05a	25-May-22	912	Longnose Sucker	461	1190		900230000269803				Peace River Upstream Release Location
CS05a	25-May-22	913	Longnose Sucker	381	704		900230000211730				Peace River Upstream Release Location
CS05a	25-May-22	914	Largescale Sucker	489	1510		900230000211143				Peace River Upstream Release Location
CS05a	25-May-22	915	Largescale Sucker	479	1690		900230000268536				Peace River Upstream Release Location
CS05a	25-May-22	916	Largescale Sucker	475	1189		900230000258995				Peace River Upstream Release Location
CS05a	25-May-22	917	Largescale Sucker	486	1351		900230000205793				Peace River Upstream Release Location
CS05a	25-May-22	918	Largescale Sucker	521	1749		900230000206703				Peace River Upstream Release Location
CS05a	25-May-22	919	Longnose Sucker	356	548		900230000259711				Peace River Upstream Release Location
CS05a	25-May-22	920	Longnose Sucker	401	801		900230000259196				Peace River Upstream Release Location
CS05a	25-May-22	921	Largescale Sucker	472	1283		900230000159098				Peace River Upstream Release Location
CS05a	25-May-22	922	Northern Pikeminnow	432	905						
CS05a	25-May-22	923	Largescale Sucker	376	631		900230000269225				Peace River Upstream Release Location
CS05a	25-May-22	924	Largescale Sucker	490	1551		900230000258096				Peace River Upstream Release Location
CS05a	25-May-22	925	Largescale Sucker	485	1626		900230000258067				Peace River Upstream Release Location

...continued.



Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05a	25-May-22	926	Largescale Sucker	450	1177		900230000258385				Peace River Upstream Release Location
CS05a	25-May-22	927	Largescale Sucker	425	983		900230000259369				Peace River Upstream Release Location
CS05a	25-May-22	928	Largescale Sucker	461	1262		900230000259650				Peace River Upstream Release Location
CS05a	25-May-22	929	Longnose Sucker	420	804		900230000266635				Peace River Upstream Release Location
CS05a	25-May-22	930	White Sucker	418	866		900230000259475				Peace River Upstream Release Location
CS05a	25-May-22	931	Arctic Grayling	361	577	Scales	982126057511886		DNA-2022-0070	313	Peace River Upstream Release Location
CS05a	25-May-22	932	Longnose Sucker	400	744		900230000260149				Peace River Upstream Release Location
CS05a	25-May-22	933	Longnose Sucker	344	556		900230000259223				Peace River Upstream Release Location
CS05a	25-May-22	934	Largescale Sucker	494	1455		900230000268998				Peace River Upstream Release Location
CS05a	25-May-22	935	Largescale Sucker	455	1024		900230000159934				Peace River Upstream Release Location
CS05a	25-May-22	936	Longnose Sucker	375	647		900230000259522				Peace River Upstream Release Location
CS05a	25-May-22	937	Largescale Sucker	472	1270		900230000211238				Peace River Upstream Release Location
CS05a	25-May-22	938	White Sucker	480	1476		900230000263830				Peace River Upstream Release Location
CS05a	25-May-22	939	Largescale Sucker	480	1315		96500000087249				Peace River Upstream Release Location
CS05a	25-May-22	940	Largescale Sucker	434	968		900230000259787				Peace River Upstream Release Location
CS05a	25-May-22	941	Largescale Sucker	510	1532		900230000211310				Peace River Upstream Release Location
CS05a	25-May-22	942	Longnose Sucker	380	651		900230000259825				Peace River Upstream Release Location
CS05a	25-May-22	943	Largescale Sucker	390	763		900230000259815				Peace River Upstream Release Location
CS05a	25-May-22	944	Largescale Sucker	409	858		900230000268943				Peace River Upstream Release Location
CS05a	25-May-22	945	Largescale Sucker	490	1292		900230000259356				Peace River Upstream Release Location
CS05a	25-May-22	946	Bull Trout	805	6520		900230000259550		DNA-2022-0071	320	Halfway River Release Location
CS06b	25-May-22	947	Mountain Whitefish	404	746	Scales	900010000094122	900230000259545			
CS06b	25-May-22	948	Mountain Whitefish	324		Scales	900228000635692				
CS06b	25-May-22	949	Mountain Whitefish	307	322	Scales	900228000591704				
CS06b	25-May-22	950	Mountain Whitefish	295	266	Scales	900228000681925				
CS06b	25-May-22	951	Mountain Whitefish	315	277	Scales	900230000206908				
CS06b	25-May-22	952	Mountain Whitefish	303	319	Scales	900228000369845				
CS06b	25-May-22	953	Largescale Sucker	507	1676		900230000258485				Peace River Upstream Release Location
CS06b	25-May-22	954	Longnose Sucker	390	726		900230000259668				Peace River Upstream Release Location
CS06b	25-May-22	955	Largescale Sucker	454	1030		900230000258894				Peace River Upstream Release Location
CS06b	25-May-22	956	Largescale Sucker	506	1584		900230000205082				Peace River Upstream Release Location
CS06b	25-May-22	957	Bull Trout	480	1229		982126057511827		DNA-2022-0072		Halfway River Release Location
CS06b	25-May-22	958	Largescale Sucker	541	1950		900230000084391				Peace River Upstream Release Location
CS06b	25-May-22	959	Largescale Sucker	403	787		900230000258744				Peace River Upstream Release Location
CS06b	25-May-22	960	Largescale Sucker	437	1033		900230000258290				Peace River Upstream Release Location
CS06b	25-May-22	961	Longnose Sucker	458	1208		900230000206802				Peace River Upstream Release Location
CS06b	25-May-22	962	Largescale Sucker	485	1324		900230000258905				Peace River Upstream Release Location
CS06b	25-May-22	963	Largescale Sucker	442	1090		982126057511901				Peace River Upstream Release Location
CS06b	25-May-22	964	Largescale Sucker	502	1528		900230000210705				Peace River Upstream Release Location
CS06b	25-May-22	965	Largescale Sucker	444	1052		900230000258616				Peace River Upstream Release Location
CS06b	25-May-22	966	Largescale Sucker	419	882		900230000206928				Peace River Upstream Release Location
CS01a	25-May-22	970	Largescale Sucker	485	1240		900230000268458				Peace River Upstream Release Location
CS01a	25-May-22	971	Largescale Sucker	409	845		900230000269078				Peace River Upstream Release Location
CS01a	25-May-22	972	Largescale Sucker	475	1284		900230000258815				Peace River Upstream Release Location
CS01a	25-May-22	973	Northern Pikeminnow	390	754						
CS01a	25-May-22	974	Northern Pikeminnow	458	1346						
CS01a	25-May-22	975	Largescale Sucker	526	1840		900230000269759				Peace River Upstream Release Location
CS01a	25-May-22	976	Mountain Whitefish	317	326	Scales	900026000065120	900230000259658			
CS01a	25-May-22	977	Largescale Sucker	457	1344		900230000259417				Peace River Upstream Release Location
CS01a	25-May-22	978	Largescale Sucker	467	1337		900230000242318				Peace River Upstream Release Location
CS01a	25-May-22	979	White Sucker	476	1414		900230000266689				Peace River Upstream Release Location
CS01a	25-May-22	980	Largescale Sucker	507	1738		900230000259382				Peace River Upstream Release Location
CS01a	25-May-22	981	Northern Pikeminnow	415	841						
CS01a	25-May-22	982	Largescale Sucker	424	988		900230000259471				Peace River Upstream Release Location
CS01a	25-May-22	983	Largescale Sucker	521	1721		900230000207124				Peace River Upstream Release Location
CS01a	25-May-22	984	Largescale Sucker	410	869		900230000258698				Peace River Upstream Release Location
CS01a	25-May-22	985	Largescale Sucker	409	866		900230000259378				Peace River Upstream Release Location
CS01a	25-May-22	986	Largescale Sucker	490	1610		900230000268916				Peace River Upstream Release Location
CS01a	25-May-22	987	Largescale Sucker	390	778		900230000208720				Peace River Upstream Release Location
CS01a	25-May-22	988	Northern Pikeminnow	455	1050						
CS01a	25-May-22	989	Largescale Sucker	485	1347		900230000205871				Peace River Upstream Release Location
CS01a	25-May-22	990	Largescale Sucker	506	1601		900230000259740				Peace River Upstream Release Location
CS01a	25-May-22	991	Largescale Sucker	460	1232		900230000262772				Peace River Upstream Release Location
CS01a	25-May-22	992	Largescale Sucker	430	999		900230000079955				Peace River Upstream Release Location
CS01a	25-May-22	993	Largescale Sucker	529	1669		900230000210868				Peace River Upstream Release Location
CS01a	25-May-22	994	Largescale Sucker	456	1147		900230000266646				Peace River Upstream Release Location
CS01a	25-May-22	995	Longnose Sucker	415	872		900230000258554				Peace River Upstream Release Location
CS01a	25-May-22	996	Largescale Sucker	444	1031		900230000258484				Peace River Upstream Release Location
CS01a	25-May-22	997	Longnose Sucker	413	797		900230000259490				Peace River Upstream Release Location
CS01a	25-May-22	998	Longnose Sucker	389	778		900230000258248				Peace River Upstream Release Location
CS01a	25-May-22	999	Longnose Sucker	424	925		900230000259499				Peace River Upstream Release Location
CS01a	25-May-22	1000	Largescale Sucker	463	1211		900230000258924				Peace River Upstream Release Location
CS01a	25-May-22	1001	Largescale Sucker	475	1530		900230000266683				Peace River Upstream Release Location
CS01a	25-May-22	1002	Longnose Sucker	406	847		900230000080146				Peace River Upstream Release Location
CS01a	25-May-22	1003	Largescale Sucker	493	1430		900230000259756				Peace River Upstream Release Location
CS01a	25-May-22	1004	Longnose Sucker	391	705		900230000202905				Peace River Upstream Release Location
CS01a	25-May-22	1005	Largescale Sucker	537	1828		900230000259482				Peace River Upstream Release Location
CS01a	25-May-22	1006	Largescale Sucker	546	2013		900230000268934				Peace River Upstream Release Location
CS01a	25-May-22	1007	Longnose Sucker	375	620		900230000258634				Peace River Upstream Release Location
CS01a	25-May-22	1008	Largescale Sucker	463	1187		900230000258063				Peace River Upstream Release Location
CS01a	25-May-22	1009	Longnose Sucker	405	774		900230000127577				Peace River Upstream Release Location
CS01a	25-May-22	1010	Longnose Sucker	390	688		900230000259456				Peace River Upstream Release Location
CS01a	25-May-22	1011	Largescale Sucker	466	1159		900230000258721				Peace River Upstream Release Location
CS01a	25-May-22	1012	Northern Pikeminnow	265	203						
CS01a	25-May-22	1013	Largescale Sucker	414	1100		900230000259689				Peace River Upstream Release Location
CS01a	25-May-22	1014	Longnose Sucker	377	690		900230000266632				Peace River Upstream Release Location
CS01a	25-May-22	1015	Largescale Sucker	420	911		900230000258405				Peace River Upstream Release Location
CS01a	25-May-22	1016	Longnose Sucker	404	802		900230000266682				Peace River Upstream Release Location
CS01a	25-May-22	1017	Largescale Sucker	423	967		900230000258765				Peace River Upstream Release Location
CS01a	25-May-22	1018	Largescale Sucker	467	1271		900230000209105				Peace River Upstream Release Location
CS01a	25-May-22	1019	Bull Trout	645	2974		900230000262452				Halfway River Release Location
CS01a	25-May-22	1020	Bull Trout	695	4138		900230000262817				Halfway River Release Location
CS01a	25-May-22	1021	Bull Trout	685	4450		900230000259434		DNA-2022-0073	226	Halfway River Release Location
CS02a	25-May-22	1023	Largescale Sucker	477	1304		900230000258315				Peace River Upstream Release Location
CS02a	25-May-22	1024	Largescale Sucker	429	903		900230000263554				Peace River Upstream Release Location
CS02a	25-May-22	1025	Largescale Sucker	515	1588		900260000056228	900230000266700			Peace River Upstream Release Location
CS02a	25-May-22	1026	Largescale Sucker	504	1605		900230000077607				Peace River Upstream Release Location
CS02a	25-May-22	1027	Longnose Sucker	425	930		900230000259647				Peace River Upstream Release Location
CS02a	25-May-22	1028	Arctic Grayling	213	100	Scales	900228000678765		DNA-2022-0074		Peace River Upstream Release Location
CS02a	25-May-22	1029	Mountain Whitefish	340	415	Scales	900228000679291				Peace River Upstream Release Location
CS02a	25-May-22	1030	Rainbow Trout	284	206	Scales	900228000468665		DNA-2022-0075		Peace River Upstream Release Location
CS02a	25-May-22	1031	Rainbow Trout	320	341	Scales	900230000259776		DNA-2022-0076	308	Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS02a	25-May-22	1032	Bull Trout	567	1917		900228000586994		DNA-2022-0077		Halfway River Release Location
CS02a	25-May-22	1033	Bull Trout	595	2585		900230000259807				Halfway River Release Location
CS02b	25-May-22	1035	Largescale Sucker	475	1370		900230000259385				Peace River Upstream Release Location
CS02b	25-May-22	1036	Largescale Sucker	408	867		900230000211389				Peace River Upstream Release Location
CS02b	25-May-22	1037	Northern Pikeminnow	397	630						
CS02b	25-May-22	1038	Longnose Sucker	368	600		900230000268844				Peace River Upstream Release Location
CS02b	25-May-22	1039	Mountain Whitefish	303	286	Scales	900230000205441				
CS01b	25-May-22	1041	Mountain Whitefish	275	196	Scales	900228000464240				
CS01b	25-May-22	1042	Mountain Whitefish	310	315	Scales	900230000205844				
CS01b	25-May-22	1043	Mountain Whitefish	265	176	Scales	900228000679254				
CS01b	25-May-22	1044	Largescale Sucker	534	1702		900230000269224				Peace River Upstream Release Location
CS01b	25-May-22	1045	Largescale Sucker	435	1082		982126057511815				Peace River Upstream Release Location
CS01b	25-May-22	1046	Largescale Sucker	481	1572		900230000269704				Peace River Upstream Release Location
CS01b	25-May-22	1047	Largescale Sucker	450	1072		900230000206621				Peace River Upstream Release Location
CS01b	25-May-22	1048	Largescale Sucker	480	1281		900230000076309				Peace River Upstream Release Location
CS01b	25-May-22	1049	Largescale Sucker	387	676		900230000269912				Peace River Upstream Release Location
CS01b	25-May-22	1050	Largescale Sucker	404	712		900230000206510				Peace River Upstream Release Location
CS01b	25-May-22	1051	Largescale Sucker	450	1076		900230000259418				Peace River Upstream Release Location
CS01b	25-May-22	1052	Largescale Sucker	518	1668		900230000077804				Peace River Upstream Release Location
CS01b	25-May-22	1053	Largescale Sucker	438	1101		900230000207945				Peace River Upstream Release Location
CS01b	25-May-22	1054	Longnose Sucker	415	942		900230000258032				Peace River Upstream Release Location
CS01b	25-May-22	1055	Largescale Sucker	405	777		900230000259598				Peace River Upstream Release Location
CS01b	25-May-22	1056	Mountain Whitefish	271	186	Scales	900228000465091				
CS01b	25-May-22	1057	Largescale Sucker	450	1126		900230000269540				Peace River Upstream Release Location
CS01b	25-May-22	1058	Mountain Whitefish	316	316	Scales	981098104934164	900230000259411			
CS01b	25-May-22	1059	Longnose Sucker	384	644		900230000211381				Peace River Upstream Release Location
CS01b	25-May-22	1060	Largescale Sucker	426	888		900230000258074				Peace River Upstream Release Location
CS01b	25-May-22	1061	Largescale Sucker	425	1009		900230000259555				Peace River Upstream Release Location
CS01b	25-May-22	1062	Largescale Sucker	387	670		900230000259725				Peace River Upstream Release Location
CS01b	25-May-22	1063	Bull Trout	625	2788		900230000204886				Halfway River Release Location
CS01b	25-May-22	1064	Bull Trout	591	2387	Finray	900230000258357		DNA-2022-0078 DNA-2022-0079		Halfway River Release Location
CS03a	01-Jun-22	1066	Bull Trout	710	4216	Finray	900230000259451				
CS03a	01-Jun-22	1067	Longnose Sucker	410	953		900230000262144				Peace River Upstream Release Location
CS03a	01-Jun-22	1068	Largescale Sucker	520	1635		900230000266644				Peace River Upstream Release Location
CS03a	01-Jun-22	1069	Largescale Sucker	490	1571		900230000259108				Peace River Upstream Release Location
CS03a	01-Jun-22	1070	Largescale Sucker	495	1550		900230000211132				Peace River Upstream Release Location
CS03a	01-Jun-22	1071	Northern Pikeminnow	485	1328						
CS03a	01-Jun-22	1072	Largescale Sucker	510	1549		900230000211811				Peace River Upstream Release Location
CS03a	01-Jun-22	1073	Largescale Sucker	415	972		900230000258777				Peace River Upstream Release Location
CS03a	01-Jun-22	1074	Largescale Sucker	435	1147		900230000259806				Peace River Upstream Release Location
CS03a	01-Jun-22	1075	Largescale Sucker	425	941		982126057511846				Peace River Upstream Release Location
CS03a	01-Jun-22	1076	Longnose Sucker	430	1117		900230000258025				Peace River Upstream Release Location
CS03a	01-Jun-22	1077	Longnose Sucker	345	557		900230000258223				Peace River Upstream Release Location
CS03a	01-Jun-22	1078	Largescale Sucker	440	1169		900230000259190				Peace River Upstream Release Location
CS03a	01-Jun-22	1079	Northern Pikeminnow	352	572						
CS03a	01-Jun-22	1080	Longnose Sucker	368	612		900230000259553				Peace River Upstream Release Location
CS03a	01-Jun-22	1081	Largescale Sucker	452	1108		900230000159644				Peace River Upstream Release Location
CS03a	01-Jun-22	1082	Largescale Sucker	423	982		900230000258683				Peace River Upstream Release Location
CS03a	01-Jun-22	1083	Largescale Sucker	388	750		900230000268131				Peace River Upstream Release Location
CS03a	01-Jun-22	1084	Largescale Sucker	408	948		900230000259343				Peace River Upstream Release Location
CS03a	01-Jun-22	1085	Largescale Sucker	398	865		900230000259010				Peace River Upstream Release Location
CS03b	01-Jun-22	1087	Mountain Whitefish	258	182	Scales	900228000462669				
CS04a	01-Jun-22	1089	Largescale Sucker	413	913		900230000210968				Peace River Upstream Release Location
CS04a	01-Jun-22	1090	Northern Pikeminnow	518	1744						
CS04a	01-Jun-22	1091	Northern Pikeminnow	432	984						
CS04a	01-Jun-22	1092	Northern Pikeminnow	447	1157						
CS04a	01-Jun-22	1093	Largescale Sucker	554	2054		982126057511847				Peace River Upstream Release Location
CS04a	01-Jun-22	1094	Largescale Sucker	515	1781		900230000259770				Peace River Upstream Release Location
CS04a	01-Jun-22	1095	Largescale Sucker	455	1147		900230000211284				Peace River Upstream Release Location
CS04a	01-Jun-22	1096	Longnose Sucker	414	913		900230000258227				Peace River Upstream Release Location
CS04a	01-Jun-22	1097	Largescale Sucker	483	1465		900230000260066				Peace River Upstream Release Location
CS04a	01-Jun-22	1098	Longnose Sucker	406	916		900230000262273				Peace River Upstream Release Location
CS04a	01-Jun-22	1099	Longnose Sucker	432	987		900230000208483				Peace River Upstream Release Location
CS04a	01-Jun-22	1100	Longnose Sucker	432	1034		900230000076163				Peace River Upstream Release Location
CS04a	01-Jun-22	1101	Burbot	410	430		900230000211471				
CS04a	01-Jun-22	1102	Longnose Sucker	365	666		900230000210878				Peace River Upstream Release Location
CS04a	01-Jun-22	1103	Burbot	615	1229		982126057511885				
CS04a	01-Jun-22	1104	Burbot	430	379		900230000258206				
CS04a	01-Jun-22	1105	Largescale Sucker	419	898		900230000259573				Peace River Upstream Release Location
CS04a	01-Jun-22	1106	Largescale Sucker	493	1299		900230000202431				Peace River Upstream Release Location
CS04a	01-Jun-22	1107	Northern Pikeminnow	434	983						
CS04a	01-Jun-22	1108	Largescale Sucker	475	1401		900230000259317				Peace River Upstream Release Location
CS04a	01-Jun-22	1109	Largescale Sucker	450	1287		900230000210210				Peace River Upstream Release Location
CS04a	01-Jun-22	1110	Largescale Sucker	478	1293		900230000258563				Peace River Upstream Release Location
CS04a	01-Jun-22	1111	Largescale Sucker	388	784		900230000258912				Peace River Upstream Release Location
CS04a	01-Jun-22	1112	Largescale Sucker	530	1822		900230000258288				Peace River Upstream Release Location
CS04a	01-Jun-22	1113	Longnose Sucker	394	737		900230000258376				Peace River Upstream Release Location
CS04a	01-Jun-22	1114	Longnose Sucker	390	734		900230000259643				Peace River Upstream Release Location
CS04a	01-Jun-22	1115	White Sucker	315	384		900230000258936				Peace River Upstream Release Location
CS04a	01-Jun-22	1116	Longnose Sucker	375	671		900230000033707				Peace River Upstream Release Location
CS04b	01-Jun-22	1118	Northern Pike	710	3063	Finray	900230000259758				
CS04b	01-Jun-22	1119	Burbot	518	1041		900230000259693				
CS04b	01-Jun-22	1120	Largescale Sucker	432	953		982126057511839				Peace River Upstream Release Location
CS04b	01-Jun-22	1121	Largescale Sucker	475	1398		900230000259735				Peace River Upstream Release Location
CS04b	01-Jun-22	1122	Largescale Sucker	424	950		900230000259581				Peace River Upstream Release Location
CS04b	01-Jun-22	1123	Largescale Sucker	490	1574		900230000259755				Peace River Upstream Release Location
CS04b	01-Jun-22	1124	Largescale Sucker	406	844		900230000259530				Peace River Upstream Release Location
CS04b	01-Jun-22	1125	Burbot	483	508		900230000259726				
CS04b	01-Jun-22	1126	Longnose Sucker	395	752		900230000259184				Peace River Upstream Release Location
CS01a	01-Jun-22	1128	Largescale Sucker	524	1693		900230000056836				Peace River Upstream Release Location
CS01a	01-Jun-22	1129	Longnose Sucker	434	1139		900230000259780				Peace River Upstream Release Location
CS01a	01-Jun-22	1130	Largescale Sucker	419	907		900230000259479				Peace River Upstream Release Location
CS01a	01-Jun-22	1131	Largescale Sucker	545	2194		900230000266661				Peace River Upstream Release Location
CS01a	01-Jun-22	1132	Longnose Sucker	436	1182		900230000259629				Peace River Upstream Release Location
CS01a	01-Jun-22	1133	Largescale Sucker	472	1319		900230000266680				Peace River Upstream Release Location
CS01a	01-Jun-22	1134	Largescale Sucker	511	1766		900230000258139				Peace River Upstream Release Location
CS01a	01-Jun-22	1135	Northern Pikeminnow	492	1658						
CS01a	01-Jun-22	1136	Largescale Sucker	488	1243		982126057511873				Peace River Upstream Release Location
CS01a	01-Jun-22	1137	Mountain Whitefish	309	272	Scales	900230000202623				
CS01a	01-Jun-22	1138	White Sucker	465	1309		900230000268469				Peace River Upstream Release Location
CS01a	01-Jun-22	1139	Largescale Sucker	439	1069		900230000268700				Peace River Upstream Release Location
CS01a	01-Jun-22	1140	Longnose Sucker	375	653		900230000258306				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS01a	01-Jun-22	1141	Longnose Sucker	373	666		900230000210067				Peace River Upstream Release Location
CS01a	01-Jun-22	1142	Longnose Sucker	356	454		900230000258695				Peace River Upstream Release Location
CS01a	01-Jun-22	1143	Largescale Sucker	468	1277		900230000258784				Peace River Upstream Release Location
CS01a	01-Jun-22	1144	White Sucker	376	751		900230000259152				Peace River Upstream Release Location
CS01a	01-Jun-22	1145	Longnose Sucker	434	1049		900230000159163				Peace River Upstream Release Location
CS01a	01-Jun-22	1146	Largescale Sucker	498	1693		900230000268887				Peace River Upstream Release Location
CS01a	01-Jun-22	1147	Longnose Sucker	298	365		900228000469953				Peace River Upstream Release Location
CS01a	01-Jun-22	1148	Longnose Sucker	429	975		900230000084394				Peace River Upstream Release Location
CS01a	01-Jun-22	1149	Arctic Grayling	252	160	Scales	900228000460540		DNA-2022-0080		Peace River Upstream Release Location
CS01a	01-Jun-22	1150	Mountain Whitefish	300	272	Scales	900230000260176				Peace River Upstream Release Location
CS01a	01-Jun-22	1151	Longnose Sucker	386	670		900230000269116				Peace River Upstream Release Location
CS01a	01-Jun-22	1152	Burbot	295	166		900228000463363				Peace River Upstream Release Location
CS01a	01-Jun-22	1153	Longnose Sucker	394	526		900230000211247				Peace River Upstream Release Location
CS01a	01-Jun-22	1154	Northern Pikeminnow	368	630						Peace River Upstream Release Location
CS01a	01-Jun-22	1155	Largescale Sucker	378	691		900230000242357				Peace River Upstream Release Location
CS01a	01-Jun-22	1156	Largescale Sucker	395	821		900230000268499				Peace River Upstream Release Location
CS01a	01-Jun-22	1157	Largescale Sucker	312	410		900230000258690				Peace River Upstream Release Location
CS01a	01-Jun-22	1158	Longnose Sucker	342	535		900230000258920				Peace River Upstream Release Location
CS01a	01-Jun-22	1159	Bull Trout	732	4734		900230000210226				Halfway River Release Location
CS01a	01-Jun-22	1160	Bull Trout	484	1118	Finray	900230000210684		DNA-2022-0081		Halfway River Release Location
CS01a	01-Jun-22	1161	Bull Trout	668	3402		900230000126576				Halfway River Release Location
CS01a	01-Jun-22	1162	Bull Trout	558	1825	Finray	900230000259089		DNA-2022-0082		Halfway River Release Location
CS01b	01-Jun-22	1164	Largescale Sucker	450	996		900230000258292				Peace River Upstream Release Location
CS01b	01-Jun-22	1165	Largescale Sucker	468	1126		900230000259716				Peace River Upstream Release Location
CS01b	01-Jun-22	1166	Longnose Sucker	428	835		900230000258723				Peace River Upstream Release Location
CS01b	01-Jun-22	1167	Longnose Sucker	318	396		900230000258429				Peace River Upstream Release Location
CS01b	01-Jun-22	1168	Largescale Sucker	462	1154		900230000259212				Peace River Upstream Release Location
CS01b	01-Jun-22	1169	Longnose Sucker	376	690		900230000206057				Peace River Upstream Release Location
CS01b	01-Jun-22	1170	White Sucker	384	654		900230000269229				Peace River Upstream Release Location
CS01b	01-Jun-22	1171	Longnose Sucker	378	721		900230000259311				Peace River Upstream Release Location
CS06a	01-Jun-22	1174	Northern Pikeminnow	365	661						Peace River Upstream Release Location
CS06a	01-Jun-22	1175	Northern Pikeminnow	396	733						Peace River Upstream Release Location
CS06a	01-Jun-22	1176	Longnose Sucker	275	235		900228000468895				Peace River Upstream Release Location
CS06a	01-Jun-22	1177	Largescale Sucker	494	1468		900230000258606				Peace River Upstream Release Location
CS06a	01-Jun-22	1178	Largescale Sucker	390	759		900230000266677				Peace River Upstream Release Location
CS06a	01-Jun-22	1179	Northern Pikeminnow	412	745						Peace River Upstream Release Location
CS06a	01-Jun-22	1180	Largescale Sucker	414	895		900230000259106				Peace River Upstream Release Location
CS06a	01-Jun-22	1181	Largescale Sucker	490	1583		900230000159588				Peace River Upstream Release Location
CS06a	01-Jun-22	1182	Longnose Sucker	398	753		900230000159338				Peace River Upstream Release Location
CS06a	01-Jun-22	1183	Largescale Sucker	433	1068		900230000268594				Peace River Upstream Release Location
CS06a	01-Jun-22	1184	Longnose Sucker	335	455		900230000259291				Peace River Upstream Release Location
CS06a	01-Jun-22	1185	Largescale Sucker	420	930		900230000205307				Peace River Upstream Release Location
CS06a	01-Jun-22	1186	Longnose Sucker	370	531		900230000258271				Peace River Upstream Release Location
CS06a	01-Jun-22	1187	Mountain Whitefish	322	323	Scales	981098104791144	900230000258608			Peace River Upstream Release Location
CS06a	01-Jun-22	1188	Mountain Whitefish	423	639		900230000159261				Peace River Upstream Release Location
CS06a	01-Jun-22	1189	Largescale Sucker	420	962						Peace River Upstream Release Location
CS06a	01-Jun-22	1190	Largescale Sucker	466	1293		900230000259561				Peace River Upstream Release Location
CS06a	01-Jun-22	1191	Largescale Sucker	395	823		900230000159794				Peace River Upstream Release Location
CS06a	01-Jun-22	1192	Mountain Whitefish	347	405	Scales	900230000078845				Peace River Upstream Release Location
CS06a	01-Jun-22	1193	Longnose Sucker	368	601		900230000259731				Peace River Upstream Release Location
CS06a	01-Jun-22	1194	Burbot	520	882		900230000211083				Peace River Upstream Release Location
CS06a	01-Jun-22	1195	Longnose Sucker	265	230		900228000469144				Peace River Upstream Release Location
CS06a	01-Jun-22	1196	Largescale Sucker	523	1773		900230000259170				Peace River Upstream Release Location
CS06a	01-Jun-22	1197	Longnose Sucker	403	704		900230000266692				Peace River Upstream Release Location
CS06a	01-Jun-22	1198	Longnose Sucker	282	251		900228000469006				Peace River Upstream Release Location
CS06a	01-Jun-22	1199	Longnose Sucker	395	794		900230000258028				Peace River Upstream Release Location
CS06a	01-Jun-22	1200	Largescale Sucker	212	106		900228000465000				Peace River Upstream Release Location
CS06a	01-Jun-22	1201	Longnose Sucker	286	295		900228000468746				Peace River Upstream Release Location
CS06a	01-Jun-22	1202	Longnose Sucker	421	876		900230000258099				Peace River Upstream Release Location
CS06a	01-Jun-22	1203	Longnose Sucker	262	205		900228000468191				Peace River Upstream Release Location
CS06a	01-Jun-22	1204	Longnose Sucker	235	161		900228000463317				Peace River Upstream Release Location
CS06a	01-Jun-22	1205	Longnose Sucker	269	225		900230000210662				Peace River Upstream Release Location
CS06a	01-Jun-22	1206	Longnose Sucker	429	986		900230000158389				Peace River Upstream Release Location
CS06a	01-Jun-22	1207	Bull Trout	780	5245		900230000210085				Halfway River Release Location
CS02a	02-Jun-22	1210	Largescale Sucker	464	1245		900230000268227				Peace River Upstream Release Location
CS02a	02-Jun-22	1211	Largescale Sucker	458	1269		900230000159987				Peace River Upstream Release Location
CS02a	02-Jun-22	1212	Largescale Sucker	554	2157		900230000258399				Peace River Upstream Release Location
CS02a	02-Jun-22	1213	Northern Pikeminnow	298	265						Peace River Upstream Release Location
CS02a	02-Jun-22	1214	Largescale Sucker	457	1180		900230000258600				Peace River Upstream Release Location
CS02a	02-Jun-22	1215	Longnose Sucker	265	181		900228000463544				Peace River Upstream Release Location
CS02a	02-Jun-22	1216	Longnose Sucker	222	139		900228000469944				Peace River Upstream Release Location
CS02a	02-Jun-22	1217	Rainbow Trout	269	212	Scales	900228000468440		DNA-2022-0083		Peace River Upstream Release Location
CS02b	02-Jun-22	1219	Largescale Sucker	418	971		900230000259547				Peace River Upstream Release Location
CS02b	02-Jun-22	1220	Largescale Sucker	396	818		900230000259327				Peace River Upstream Release Location
CS02b	02-Jun-22	1221	Largescale Sucker	362	626		900230000258876				Peace River Upstream Release Location
CS02b	02-Jun-22	1222	Largescale Sucker	356	531		900230000259405				Peace River Upstream Release Location
CS02b	02-Jun-22	1223	Mountain Whitefish	292	250	Scales	900228000368901				Peace River Upstream Release Location
CS05a	02-Jun-22	1225	Northern Pikeminnow	443	1015						Peace River Upstream Release Location
CS05a	02-Jun-22	1226	Northern Pikeminnow	440	762						Peace River Upstream Release Location
CS05a	02-Jun-22	1227	Longnose Sucker	438	1040		900230000258596				Peace River Upstream Release Location
CS05a	02-Jun-22	1228	Northern Pikeminnow	425	761						Peace River Upstream Release Location
CS05a	02-Jun-22	1229	Largescale Sucker	463	1148		900230000078038				Peace River Upstream Release Location
CS05a	02-Jun-22	1230	Longnose Sucker	317	427		900230000268320				Peace River Upstream Release Location
CS05a	02-Jun-22	1231	Largescale Sucker	461	1141		900230000268997				Peace River Upstream Release Location
CS05a	02-Jun-22	1232	Longnose Sucker	436	1026		900230000057231				Peace River Upstream Release Location
CS05a	02-Jun-22	1233	Longnose Sucker	350	562		900230000210812				Peace River Upstream Release Location
CS05a	02-Jun-22	1234	Longnose Sucker	452	1158		900230000259576				Peace River Upstream Release Location
CS05a	02-Jun-22	1235	Longnose Sucker	344	474		900230000268958				Peace River Upstream Release Location
CS05a	02-Jun-22	1236	Longnose Sucker	382	685		900230000268807				Peace River Upstream Release Location
CS05a	02-Jun-22	1237	Longnose Sucker	419	839		900230000211393				Peace River Upstream Release Location
CS05a	02-Jun-22	1238	Longnose Sucker	384	780		900230000269011				Peace River Upstream Release Location
CS05a	02-Jun-22	1239	Longnose Sucker	433	936		900230000258727				Peace River Upstream Release Location
CS05a	02-Jun-22	1240	Longnose Sucker	385	717		900230000259673				Peace River Upstream Release Location
CS05a	02-Jun-22	1241	Longnose Sucker	388	701		900230000258751				Peace River Upstream Release Location
CS05a	02-Jun-22	1242	White Sucker	413	987		982126057511893				Peace River Upstream Release Location
CS05a	02-Jun-22	1243	Longnose Sucker	390	725		900230000268165				Peace River Upstream Release Location
CS05a	02-Jun-22	1244	Longnose Sucker	429	957		900230000205189				Peace River Upstream Release Location
CS05a	02-Jun-22	1245	Longnose Sucker	411	919		900230000266542				Peace River Upstream Release Location
CS05a	02-Jun-22	1246	Longnose Sucker	329	466		900230000258586				Peace River Upstream Release Location
CS05a	02-Jun-22	1247	Longnose Sucker	440	1012		981098106068930	900228000369788			Peace River Upstream Release Location
CS05a	02-Jun-22	1248	Longnose Sucker	374	628		900230000266260				Peace River Upstream Release Location
CS05a	02-Jun-22	1249	White Sucker	408	871		900230000258615				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05a	02-Jun-22	1250	Largescale Sucker	486	1597		900230000258654				Peace River Upstream Release Location
CS05a	02-Jun-22	1251	Longnose Sucker	419	876		900230000268598				Peace River Upstream Release Location
CS05a	02-Jun-22	1252	Largescale Sucker	467			900230000078932				Peace River Upstream Release Location
CS05a	02-Jun-22	1253	Longnose Sucker	428	1051		900230000258817				Peace River Upstream Release Location
CS05a	02-Jun-22	1254	Longnose Sucker	374	690		900230000268732				Peace River Upstream Release Location
CS05a	02-Jun-22	1255	Largescale Sucker	467	1226		900230000269345				Peace River Upstream Release Location
CS05a	02-Jun-22	1256	Longnose Sucker	431	939		900230000259321				Peace River Upstream Release Location
CS05a	02-Jun-22	1257	Longnose Sucker	339	462		900230000259754				Peace River Upstream Release Location
CS05a	02-Jun-22	1258	Longnose Sucker	365	630		900230000258491				Peace River Upstream Release Location
CS05a	02-Jun-22	1259	Longnose Sucker	375	617		900230000258886				Peace River Upstream Release Location
CS05a	02-Jun-22	1260	Longnose Sucker	387	757		900230000258867				Peace River Upstream Release Location
CS05a	02-Jun-22	1261	Longnose Sucker	344	573		900230000259549				Peace River Upstream Release Location
CS05a	02-Jun-22	1262	Largescale Sucker	475	1309		900230000259079				Peace River Upstream Release Location
CS05a	02-Jun-22	1263	Longnose Sucker	360	587		900230000258662				Peace River Upstream Release Location
CS05a	02-Jun-22	1264	Longnose Sucker	400	777		900230000159911				Peace River Upstream Release Location
CS05a	02-Jun-22	1265	Longnose Sucker	361	542		900230000259839				Peace River Upstream Release Location
CS05a	02-Jun-22	1266	Longnose Sucker	372	675		900230000211277				Peace River Upstream Release Location
CS05a	02-Jun-22	1267	Longnose Sucker	401	744		900230000203193				Peace River Upstream Release Location
CS05a	02-Jun-22	1268	White Sucker	412	770		900230000258477				Peace River Upstream Release Location
CS05a	02-Jun-22	1269	White Sucker	407	1060						
CS05a	02-Jun-22	1270	Longnose Sucker	402	885		900230000266679				Peace River Upstream Release Location
CS05a	02-Jun-22	1271	Longnose Sucker	406	832		900230000258653				Peace River Upstream Release Location
CS05a	02-Jun-22	1272	Longnose Sucker	382	620		900230000259569				Peace River Upstream Release Location
CS05a	02-Jun-22	1273	Longnose Sucker	429	1004		900230000259648				Peace River Upstream Release Location
CS05a	02-Jun-22	1274	Longnose Sucker	251	191		900228000468003				Peace River Upstream Release Location
CS05a	02-Jun-22	1275	Largescale Sucker	418	850		900230000259214				Peace River Upstream Release Location
CS05a	02-Jun-22	1276	Longnose Sucker	377	622		900228000294652				Peace River Upstream Release Location
CS05a	02-Jun-22	1277	Longnose Sucker	393	663		900230000266691				Peace River Upstream Release Location
CS05a	02-Jun-22	1278	Bull Trout	783	6010		900230000081643				Halfway River Release Location
CS05b	02-Jun-22	1280	Largescale Sucker	398	820		900230000259833				Peace River Upstream Release Location
CS05b	02-Jun-22	1281	Largescale Sucker	471	1324		900230000262469				Peace River Upstream Release Location
CS05b	02-Jun-22	1282	Largescale Sucker	502	1601		900230000268974				Peace River Upstream Release Location
CS05b	02-Jun-22	1283	Longnose Sucker	397	778		900230000268109				Peace River Upstream Release Location
CS05b	02-Jun-22	1284	Northern Pikeminnow	473	1200						
CS05b	02-Jun-22	1285	Longnose Sucker	449	1263		900230000262808				Peace River Upstream Release Location
CS05b	02-Jun-22	1286	Largescale Sucker	528	1561		900230000266639				Peace River Upstream Release Location
CS05b	02-Jun-22	1287	Longnose Sucker	425	932		900230000211956				Peace River Upstream Release Location
CS05b	02-Jun-22	1288	Largescale Sucker	488	1817		900230000259509				Peace River Upstream Release Location
CS05b	02-Jun-22	1289	Largescale Sucker	521	1538		900230000262646				Peace River Upstream Release Location
CS05b	02-Jun-22	1290	Largescale Sucker	424	995		900230000206938				Peace River Upstream Release Location
CS05b	02-Jun-22	1291	Kokanee	297	66	Scales					
CS05b	02-Jun-22	1292	Largescale Sucker	524	1662		900230000259428				Peace River Upstream Release Location
CS05b	02-Jun-22	1293	White Sucker	465	1395		900230000210515				Peace River Upstream Release Location
CS05b	02-Jun-22	1294	Longnose Sucker	417	887		900230000259782				Peace River Upstream Release Location
CS05b	02-Jun-22	1295	Largescale Sucker	423	911		900230000258228				Peace River Upstream Release Location
CS05b	02-Jun-22	1296	Largescale Sucker	419	996		900230000159343				Peace River Upstream Release Location
CS05b	02-Jun-22	1297	Longnose Sucker	410	669		900230000211600				Peace River Upstream Release Location
CS05b	02-Jun-22	1298	Largescale Sucker	485	1333		900230000269377				Peace River Upstream Release Location
CS05b	02-Jun-22	1299	Largescale Sucker	468	1100		900230000210884				Peace River Upstream Release Location
CS05b	02-Jun-22	1300	Largescale Sucker	434	1010		982126057511849				Peace River Upstream Release Location
CS05b	02-Jun-22	1301	Longnose Sucker	448	1084		900230000259149				Peace River Upstream Release Location
CS05b	02-Jun-22	1302	Longnose Sucker	368	644		982126057511848				Peace River Upstream Release Location
CS05b	02-Jun-22	1303	White Sucker	463	1355		900230000258510				Peace River Upstream Release Location
CS05b	02-Jun-22	1304	Longnose Sucker	436	1077		900230000259390				Peace River Upstream Release Location
CS05b	02-Jun-22	1305	Longnose Sucker	428	992		900230000032411				Peace River Upstream Release Location
CS05b	02-Jun-22	1306	Longnose Sucker	414	924		900230000077670				Peace River Upstream Release Location
CS05b	02-Jun-22	1307	White Sucker	305	383		900230000258572				Peace River Upstream Release Location
CS05b	02-Jun-22	1308	Longnose Sucker	418	934		900230000266627				Peace River Upstream Release Location
CS05b	02-Jun-22	1309	Burbot	520	617		900230000268728				
CS05b	02-Jun-22	1310	Longnose Sucker	406	755		900230000258707				Peace River Upstream Release Location
CS05b	02-Jun-22	1311	Largescale Sucker	464	1199		900230000266667				Peace River Upstream Release Location
CS05b	02-Jun-22	1312	Largescale Sucker	497	1450		981098104934808	900230000258531			Peace River Upstream Release Location
CS05b	02-Jun-22	1313	Largescale Sucker	396	890		900230000258245				Peace River Upstream Release Location
CS05b	02-Jun-22	1314	Longnose Sucker	388	716		900230000206838				Peace River Upstream Release Location
CS05b	02-Jun-22	1315	Longnose Sucker	384	672		900230000258311				Peace River Upstream Release Location
CS05b	02-Jun-22	1316	Longnose Sucker	377	772		900230000211654				Peace River Upstream Release Location
CS05b	02-Jun-22	1317	Longnose Sucker	376	630		900230000258745				Peace River Upstream Release Location
CS05b	02-Jun-22	1318	Longnose Sucker	443	1003		900230000268366				Peace River Upstream Release Location
CS05b	02-Jun-22	1319	Largescale Sucker	460	1439		900230000159341				Peace River Upstream Release Location
CS05b	02-Jun-22	1320	Longnose Sucker	388	655		900230000258424				Peace River Upstream Release Location
CS05b	02-Jun-22	1321	Longnose Sucker	379	608		900230000259552				Peace River Upstream Release Location
CS05b	02-Jun-22	1322	Redside Shiner	57	3						
CS05b	02-Jun-22	1323	Longnose Sucker	381	714		900230000259742				Peace River Upstream Release Location
CS05b	02-Jun-22	1324	Longnose Sucker	422	919		900230000210311				Peace River Upstream Release Location
CS05b	02-Jun-22	1325	Longnose Sucker	374	680		900230000159647				Peace River Upstream Release Location
CS05b	02-Jun-22	1326	Longnose Sucker	348	512		900230000259778				Peace River Upstream Release Location
CS05b	02-Jun-22	1327	Longnose Sucker	428	1061		900230000259399				Peace River Upstream Release Location
CS05b	02-Jun-22	1328	Longnose Sucker	397	826		900230000208725				Peace River Upstream Release Location
CS05b	02-Jun-22	1329	Largescale Sucker	448	1189		900230000259265				Peace River Upstream Release Location
CS05b	02-Jun-22	1330	Longnose Sucker	346	544		900230000211368				Peace River Upstream Release Location
CS05b	02-Jun-22	1331	Longnose Sucker	308	341		900230000210315				Peace River Upstream Release Location
CS05b	02-Jun-22	1332	Longnose Sucker	392	660		900230000258617				Peace River Upstream Release Location
CS05b	02-Jun-22	1333	Longnose Sucker	409	933		900230000258080				Peace River Upstream Release Location
CS05b	02-Jun-22	1334	Longnose Sucker	432	906		900230000258665				Peace River Upstream Release Location
CS05b	02-Jun-22	1335	Longnose Sucker	420	898		900230000259419				Peace River Upstream Release Location
CS05b	02-Jun-22	1336	Longnose Sucker	398	750		982126057511823				Peace River Upstream Release Location
CS05b	02-Jun-22	1337	Longnose Sucker	386	716		900230000258036				Peace River Upstream Release Location
CS05b	02-Jun-22	1338	Longnose Sucker	395	812		900230000258252				Peace River Upstream Release Location
CS05b	02-Jun-22	1339	Longnose Sucker	407	800		900230000266649				Peace River Upstream Release Location
CS05b	02-Jun-22	1340	Largescale Sucker	443	1051		900230000159977				Peace River Upstream Release Location
CS05b	02-Jun-22	1341	Longnose Sucker	332	455		900230000211020				Peace River Upstream Release Location
CS05b	02-Jun-22	1342	Longnose Sucker	354	566		900230000259307				Peace River Upstream Release Location
CS05b	02-Jun-22	1343	Longnose Sucker	384	688		900230000268828				Peace River Upstream Release Location
CS05b	02-Jun-22	1344	Longnose Sucker	458	1410		900230000210457				Peace River Upstream Release Location
CS05b	02-Jun-22	1345	Largescale Sucker	414	830		900230000259292				Peace River Upstream Release Location
CS05b	02-Jun-22	1346	Longnose Sucker	435	888		900230000266663				Peace River Upstream Release Location
CS05b	02-Jun-22	1347	Longnose Sucker	413	738		900230000258691				Peace River Upstream Release Location
CS05b	02-Jun-22	1348	Longnose Sucker	385	735		900230000206772				Peace River Upstream Release Location
CS05b	02-Jun-22	1349	Longnose Sucker	358	573		900230000258296				Peace River Upstream Release Location
CS05b	02-Jun-22	1350	Mountain Whitefish	329		Scales	965000000086661				
CS05b	02-Jun-22	1351	Longnose Sucker	436	1064		900230000258939				Peace River Upstream Release Location
CS05b	02-Jun-22	1352	Longnose Sucker	381	699		900230000206940				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05b	02-Jun-22	1353	Longnose Sucker	384	714		900230000259706				Peace River Upstream Release Location
CS05b	02-Jun-22	1354	White Sucker	342	535		900230000258152				Peace River Upstream Release Location
CS05b	02-Jun-22	1355	Longnose Sucker	417	905		900230000258489				Peace River Upstream Release Location
CS05b	02-Jun-22	1356	Longnose Sucker	388	792		900230000259694				Peace River Upstream Release Location
CS05b	02-Jun-22	1357	Largescale Sucker	426	1077		900230000210461				Peace River Upstream Release Location
CS05b	02-Jun-22	1358	Longnose Sucker	394	691		900230000258225				Peace River Upstream Release Location
CS05b	02-Jun-22	1359	Largescale Sucker	232	147		900228000468570				Peace River Upstream Release Location
CS05b	02-Jun-22	1360	Longnose Sucker	296	299		900228000468049				Peace River Upstream Release Location
CS05b	02-Jun-22	1361	Largescale Sucker	414	965		900230000259659				Peace River Upstream Release Location
CS05b	02-Jun-22	1362	Longnose Sucker	399	833		900230000258294				Peace River Upstream Release Location
CS05b	02-Jun-22	1363	Longnose Sucker	424	932		900230000258852				Peace River Upstream Release Location
CS05b	02-Jun-22	1364	Longnose Sucker	388	701		900230000210416				Peace River Upstream Release Location
CS05b	02-Jun-22	1365	Longnose Sucker	398	714		900230000259566				Peace River Upstream Release Location
CS05b	02-Jun-22	1366	Northern Pikeminnow	247	152						Peace River Upstream Release Location
CS05b	02-Jun-22	1367	Longnose Sucker	452	1088		900230000259239				Peace River Upstream Release Location
CS05b	02-Jun-22	1368	Longnose Sucker	422	951		900230000269735				Peace River Upstream Release Location
CS05b	02-Jun-22	1369	Longnose Sucker	443	1114		900230000258269				Peace River Upstream Release Location
CS05b	02-Jun-22	1370	Longnose Sucker	414	905		900230000258018				Peace River Upstream Release Location
CS05b	02-Jun-22	1371	Longnose Sucker	403	839		900230000269462				Peace River Upstream Release Location
CS05b	02-Jun-22	1372	White Sucker	392	811		900230000269063				Peace River Upstream Release Location
CS05b	02-Jun-22	1373	Longnose Sucker	284	281		900228000469577				Peace River Upstream Release Location
CS05b	02-Jun-22	1374	Longnose Sucker	371	648		900230000266674				Peace River Upstream Release Location
CS05b	02-Jun-22	1375	White Sucker	344	481		900230000268224				Peace River Upstream Release Location
CS05b	02-Jun-22	1376	Longnose Sucker	364	658		900230000266631				Peace River Upstream Release Location
CS05b	02-Jun-22	1377	Largescale Sucker	164	44						Peace River Upstream Release Location
CS05b	02-Jun-22	1378	White Sucker	239	162		900228000468511				Peace River Upstream Release Location
CS05b	02-Jun-22	1379	Largescale Sucker	216	107		900228000469311				Peace River Upstream Release Location
CS05b	02-Jun-22	1380	Longnose Sucker	424	873		900230000258730				Peace River Upstream Release Location
CS05b	02-Jun-22	1381	Longnose Sucker	254	184		900228000465851				Peace River Upstream Release Location
CS05b	02-Jun-22	1382	White Sucker	231	144		900228000460817				Peace River Upstream Release Location
CS05b	02-Jun-22	1383	Longnose Sucker	381	709		900230000258885				Peace River Upstream Release Location
CS05b	02-Jun-22	1384	Longnose Sucker	264	239		900228000464867				Peace River Upstream Release Location
CS05b	02-Jun-22	1385	Longnose Sucker	364	543		900230000268878				Peace River Upstream Release Location
CS05b	02-Jun-22	1386	Longnose Sucker	236	133		900228000461636				Peace River Upstream Release Location
CS05b	02-Jun-22	1387	Longnose Sucker	249	177		900228000469972				Peace River Upstream Release Location
CS05b	02-Jun-22	1388	Longnose Sucker	302	343		900230000259585				Peace River Upstream Release Location
CS05b	02-Jun-22	1389	Longnose Sucker	216	104		900228000348344				Peace River Upstream Release Location
CS01a	07-Jun-22	1391	Largescale Sucker	464	1379		900230000269214				Peace River Upstream Release Location
CS01a	07-Jun-22	1392	Longnose Sucker	405	821		900230000258333				Peace River Upstream Release Location
CS01a	07-Jun-22	1393	Longnose Sucker	342	559		900230000259233				Peace River Upstream Release Location
CS01a	07-Jun-22	1394	Largescale Sucker	463	1239		981098104936432	900230000258329			Peace River Upstream Release Location
CS01a	07-Jun-22	1395	White Sucker	412	907		900230000259406				Peace River Upstream Release Location
CS01a	07-Jun-22	1396	Longnose Sucker	458	1103		900230000259225				Peace River Upstream Release Location
CS01a	07-Jun-22	1397	Largescale Sucker	397	857		900230000259340				Peace River Upstream Release Location
CS01a	07-Jun-22	1398	Longnose Sucker	388	707		900230000268604				Peace River Upstream Release Location
CS01a	07-Jun-22	1399	Longnose Sucker	222	146		900228000469406				Peace River Upstream Release Location
CS01a	07-Jun-22	1400	White Sucker	376	842		900230000258996				Peace River Upstream Release Location
CS01a	07-Jun-22	1401	Longnose Sucker	294	339		900228000468927				Peace River Upstream Release Location
CS01a	07-Jun-22	1402	Burbot	437	495		900230000259609				Peace River Upstream Release Location
CS01a	07-Jun-22	1403	Rainbow Trout	394	609	Scales	900230000259665		DNA-2022-0084	293	Peace River Upstream Release Location
CS01a	07-Jun-22	1404	White Sucker	414	1004		900230000259832				Peace River Upstream Release Location
CS01a	07-Jun-22	1405	Largescale Sucker	517	1641		900230000258937				Peace River Upstream Release Location
CS01a	07-Jun-22	1406	Largescale Sucker	440	1076		900230000210869				Peace River Upstream Release Location
CS01a	07-Jun-22	1407	Largescale Sucker	459	1127		900230000259497				Peace River Upstream Release Location
CS01a	07-Jun-22	1408	Longnose Sucker	396	769		900230000211271				Peace River Upstream Release Location
CS01a	07-Jun-22	1409	Largescale Sucker	496	1515		900230000259255				Peace River Upstream Release Location
CS01a	07-Jun-22	1410	Largescale Sucker	336	490		900230000258146				Peace River Upstream Release Location
CS01a	07-Jun-22	1411	Largescale Sucker	532	1819		900230000259141				Peace River Upstream Release Location
CS01a	07-Jun-22	1412	Largescale Sucker	397	894		900230000259833				Peace River Upstream Release Location
CS01a	07-Jun-22	1413	Longnose Sucker	420	789		900230000259538				Peace River Upstream Release Location
CS01a	07-Jun-22	1414	Longnose Sucker	390	756		900230000258560				Peace River Upstream Release Location
CS01a	07-Jun-22	1415	Largescale Sucker	487	1372		900230000205130				Peace River Upstream Release Location
CS01a	07-Jun-22	1416	Longnose Sucker	427	987		900230000258279				Peace River Upstream Release Location
CS01a	07-Jun-22	1417	Longnose Sucker	422	904		900230000258770				Peace River Upstream Release Location
CS01a	07-Jun-22	1418	Largescale Sucker	416	883		900230000268932				Peace River Upstream Release Location
CS01a	07-Jun-22	1419	Longnose Sucker	416	814		981098104940605	900230000077665			Peace River Upstream Release Location
CS01a	07-Jun-22	1420	White Sucker	392	803		900230000259681				Peace River Upstream Release Location
CS01a	07-Jun-22	1421	Largescale Sucker	470	1252		900230000258862				Peace River Upstream Release Location
CS01a	07-Jun-22	1422	Longnose Sucker	247	173		900228000460865				Peace River Upstream Release Location
CS01a	07-Jun-22	1423	Largescale Sucker	390	772		982126057511808				Peace River Upstream Release Location
CS01a	07-Jun-22	1424	Bull Trout	549	1871	Finray	900230000258433		DNA-2022-0085		Halfway River Release Location
CS01b	07-Jun-22	1427	Northern Pikeminnow	418	921						Peace River Upstream Release Location
CS01b	07-Jun-22	1428	Longnose Sucker	444	1145		900230000259439				Peace River Upstream Release Location
CS01b	07-Jun-22	1429	Longnose Sucker	449	1124		900230000268694				Peace River Upstream Release Location
CS01b	07-Jun-22	1430	Longnose Sucker	395	808		900230000262560				Peace River Upstream Release Location
CS01b	07-Jun-22	1431	Longnose Sucker	398	781		900230000259737				Peace River Upstream Release Location
CS01b	07-Jun-22	1432	Largescale Sucker	405	784		900230000258439				Peace River Upstream Release Location
CS01b	07-Jun-22	1433	White Sucker	435	1161		900230000258219				Peace River Upstream Release Location
CS02a	07-Jun-22	1435	Largescale Sucker	438	982		900230000258585				Peace River Upstream Release Location
CS02a	07-Jun-22	1436	Largescale Sucker	431	1016		900230000266695				Peace River Upstream Release Location
CS02a	07-Jun-22	1437	Largescale Sucker	442	1125		900230000259747				Peace River Upstream Release Location
CS02a	07-Jun-22	1438	Longnose Sucker	416	876		900230000206922				Peace River Upstream Release Location
CS02a	07-Jun-22	1439	Largescale Sucker	546	2033		900230000266620				Peace River Upstream Release Location
CS02a	07-Jun-22	1440	Largescale Sucker	458	1164		900230000079672				Peace River Upstream Release Location
CS02a	07-Jun-22	1441	Longnose Sucker	316	368		900230000259523				Peace River Upstream Release Location
CS02a	07-Jun-22	1442	Longnose Sucker	444	1126		900230000033140				Peace River Upstream Release Location
CS02a	07-Jun-22	1443	Longnose Sucker	273	252		900228000463758				Peace River Upstream Release Location
CS02a	07-Jun-22	1444	Largescale Sucker	445	1097		900230000259803				Peace River Upstream Release Location
CS02a	07-Jun-22	1445	Longnose Sucker	364	576		900230000258671				Peace River Upstream Release Location
CS02a	07-Jun-22	1446	Longnose Sucker	353	536		900230000259614				Peace River Upstream Release Location
CS02a	07-Jun-22	1447	Longnose Sucker	273	251		900228000469567				Peace River Upstream Release Location
CS02a	07-Jun-22	1448	Longnose Sucker	216	122		900228000461491				Peace River Upstream Release Location
CS02a	07-Jun-22	1449	Burbot	274	119		900228000463383				Peace River Upstream Release Location
CS02b	07-Jun-22	1451	Mountain Whitefish	366	466	Scales	900230000242208				Peace River Upstream Release Location
CS02b	07-Jun-22	1452	White Sucker	386	730		900230000262306				Peace River Upstream Release Location
CS02b	07-Jun-22	1453	Longnose Sucker	331	424		900230000269802				Peace River Upstream Release Location
CS02b	07-Jun-22	1454	Longnose Sucker	423	1009		900230000211363				Peace River Upstream Release Location
CS02b	07-Jun-22	1455	Largescale Sucker	464	1222		900230000162373				Peace River Upstream Release Location
CS04a	07-Jun-22	1457	Largescale Sucker	507	1725		900230000258892				Peace River Upstream Release Location
CS04a	07-Jun-22	1458	Longnose Sucker	415	845		900230000258266				Peace River Upstream Release Location
CS04a	07-Jun-22	1459	Largescale Sucker	460	1168		900230000258512				Peace River Upstream Release Location
CS04a	07-Jun-22	1460	Longnose Sucker	378	575		981098104939615	900230000259028			Peace River Upstream Release Location

...continued.



Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS04a	07-Jun-22	1461	Longnose Sucker	429	945	Finray	900230000259777		DNA-2022-0086		Peace River Upstream Release Location
CS04a	07-Jun-22	1462	Longnose Sucker	384	654		900230000079618			Peace River Upstream Release Location	
CS04a	07-Jun-22	1463	Largescale Sucker	507	1589		900230000209257			Peace River Upstream Release Location	
CS04a	07-Jun-22	1464	Longnose Sucker	396	706		900230000269858			Peace River Upstream Release Location	
CS04a	07-Jun-22	1465	Longnose Sucker	385	744		900230000258874			Peace River Upstream Release Location	
CS04a	07-Jun-22	1466	Longnose Sucker	401	736		900230000258919			Peace River Upstream Release Location	
CS04a	07-Jun-22	1467	Longnose Sucker	306	356		900230000258552			Peace River Upstream Release Location	
CS04a	07-Jun-22	1468	Longnose Sucker	425	890		900230000258156			Peace River Upstream Release Location	
CS04a	07-Jun-22	1469	Longnose Sucker	279	246		900228000468271			Peace River Upstream Release Location	
CS04a	07-Jun-22	1470	White Sucker	412	862		900230000258391			Peace River Upstream Release Location	
CS04a	07-Jun-22	1471	Longnose Sucker	397	768		900230000268488			Peace River Upstream Release Location	
CS04a	07-Jun-22	1472	Largescale Sucker	439	1181		900230000268554			Peace River Upstream Release Location	
CS04a	07-Jun-22	1473	Longnose Sucker	396	741		900230000258373			Peace River Upstream Release Location	
CS04a	07-Jun-22	1474	Largescale Sucker	407	870		900230000080820			Peace River Upstream Release Location	
CS04a	07-Jun-22	1475	Longnose Sucker	395	802		900230000259157			Peace River Upstream Release Location	
CS04a	07-Jun-22	1476	Largescale Sucker	471	1441		900230000204263			Peace River Upstream Release Location	
CS04a	07-Jun-22	1477	Longnose Sucker	291	301		900228000463303			Peace River Upstream Release Location	
CS04a	07-Jun-22	1478	Redside Shiner	104	14						
CS04a	07-Jun-22	1479	White Sucker	396	768		900230000258209			Peace River Upstream Release Location	
CS04a	07-Jun-22	1480	Bull Trout	495	1175		900230000259687			Halfway River Release Location	
CS05b	08-Jun-22	1484	Largescale Sucker	469	1288		900230000259774			Peace River Upstream Release Location	
CS05b	08-Jun-22	1485	Longnose Sucker	400	766		900230000259180			Peace River Upstream Release Location	
CS05b	08-Jun-22	1486	Largescale Sucker	508	1717		900230000207238			Peace River Upstream Release Location	
CS05b	08-Jun-22	1487	Longnose Sucker	379	644		900230000258896			Peace River Upstream Release Location	
CS05b	08-Jun-22	1488	Longnose Sucker	310	365		900230000259065			Peace River Upstream Release Location	
CS05b	08-Jun-22	1489	Longnose Sucker	406	765		900230000074242			Peace River Upstream Release Location	
CS05b	08-Jun-22	1490	Longnose Sucker	384	744		900230000259257			Peace River Upstream Release Location	
CS05b	08-Jun-22	1491	Largescale Sucker	504	1666		900230000258854			Peace River Upstream Release Location	
CS05b	08-Jun-22	1492	Longnose Sucker	472	1190		900230000259055			Peace River Upstream Release Location	
CS05b	08-Jun-22	1493	Longnose Sucker	380	631		900230000259276			Peace River Upstream Release Location	
CS05b	08-Jun-22	1494	Longnose Sucker	422	875		900230000258490			Peace River Upstream Release Location	
CS05b	08-Jun-22	1495	Longnose Sucker	455	1144		900230000269676			Peace River Upstream Release Location	
CS05b	08-Jun-22	1496	Largescale Sucker	390	656		900230000259829			Peace River Upstream Release Location	
CS05b	08-Jun-22	1497	Northern Pikeminnow	375	702						
CS05b	08-Jun-22	1498	Longnose Sucker	368	585		900230000258643			Peace River Upstream Release Location	
CS05b	08-Jun-22	1499	Largescale Sucker	513	1636		900230000259577			Peace River Upstream Release Location	
CS05b	08-Jun-22	1500	Longnose Sucker	411	793		900230000211204			Peace River Upstream Release Location	
CS05b	08-Jun-22	1501	Longnose Sucker	419	849		900230000259066			Peace River Upstream Release Location	
CS05b	08-Jun-22	1502	Longnose Sucker	393	727		900230000258736			Peace River Upstream Release Location	
CS05b	08-Jun-22	1503	Longnose Sucker	467	1065		900230000262667			Peace River Upstream Release Location	
CS05b	08-Jun-22	1504	Largescale Sucker	456	1200		900230000075373			Peace River Upstream Release Location	
CS05b	08-Jun-22	1505	Longnose Sucker	441	981		900230000203272			Peace River Upstream Release Location	
CS05b	08-Jun-22	1506	Longnose Sucker	462	1103	900230000259460		Peace River Upstream Release Location			
CS05b	08-Jun-22	1507	Longnose Sucker	377	613	900230000259260		Peace River Upstream Release Location			
CS05b	08-Jun-22	1508	Longnose Sucker	409	864	900230000260007		Peace River Upstream Release Location			
CS05b	08-Jun-22	1509	Longnose Sucker	386	745	900230000211195		Peace River Upstream Release Location			
CS05b	08-Jun-22	1510	Longnose Sucker	330	431	900230000211474		Peace River Upstream Release Location			
CS05b	08-Jun-22	1511	Longnose Sucker	383	676	900230000259336		Peace River Upstream Release Location			
CS05b	08-Jun-22	1512	White Sucker	395	870	900230000269216		Peace River Upstream Release Location			
CS05b	08-Jun-22	1513	Longnose Sucker	406	707	900230000206759		Peace River Upstream Release Location			
CS05b	08-Jun-22	1514	Longnose Sucker	394	800	900228000586780		Peace River Upstream Release Location			
CS05b	08-Jun-22	1515	White Sucker	435	844	900230000258150		Peace River Upstream Release Location			
CS05b	08-Jun-22	1516	Longnose Sucker	408	855	900230000258404		Peace River Upstream Release Location			
CS05b	08-Jun-22	1517	Longnose Sucker	403	758	900230000268845		Peace River Upstream Release Location			
CS05b	08-Jun-22	1518	Longnose Sucker	430	927	900230000266669		Peace River Upstream Release Location			
CS05b	08-Jun-22	1519	Longnose Sucker	391		900230000259316		Peace River Upstream Release Location			
CS05b	08-Jun-22	1520	Longnose Sucker	419	812	900230000258812		Peace River Upstream Release Location			
CS05b	08-Jun-22	1521	Longnose Sucker	292	342	900228000469696		Peace River Upstream Release Location			
CS05b	08-Jun-22	1522	Longnose Sucker	448	1052	900230000258240		Peace River Upstream Release Location			
CS05b	08-Jun-22	1523	Largescale Sucker	431	913	900230000258679		Peace River Upstream Release Location			
CS05b	08-Jun-22	1524	Longnose Sucker	436	938	900230000055296		Peace River Upstream Release Location			
CS05b	08-Jun-22	1525	Longnose Sucker	384	638	900230000259621		Peace River Upstream Release Location			
CS05b	08-Jun-22	1526	Longnose Sucker	395	733	900230000259159		Peace River Upstream Release Location			
CS05b	08-Jun-22	1527	Longnose Sucker	410	903	900230000258353		Peace River Upstream Release Location			
CS05b	08-Jun-22	1528	Longnose Sucker	370	640	900230000258256		Peace River Upstream Release Location			
CS05b	08-Jun-22	1529	Longnose Sucker	368	537	900230000259401		Peace River Upstream Release Location			
CS05b	08-Jun-22	1530	Longnose Sucker	390	755	982126057511831		Peace River Upstream Release Location			
CS05b	08-Jun-22	1531	Longnose Sucker	418	831	900230000259209		Peace River Upstream Release Location			
CS05b	08-Jun-22	1532	Longnose Sucker	379	738	900230000258089		Peace River Upstream Release Location			
CS05b	08-Jun-22	1533	Largescale Sucker	472	1316	900230000259370		Peace River Upstream Release Location			
CS05b	08-Jun-22	1534	Longnose Sucker	399	731	900230000268805		Peace River Upstream Release Location			
CS05b	08-Jun-22	1535	Longnose Sucker	404	790	900230000258628		Peace River Upstream Release Location			
CS05b	08-Jun-22	1536	Largescale Sucker	464	1204	900230000259045		Peace River Upstream Release Location			
CS05b	08-Jun-22	1537	Largescale Sucker	460	1276	900230000159957		Peace River Upstream Release Location			
CS05b	08-Jun-22	1538	Longnose Sucker	364	576	900230000258255		Peace River Upstream Release Location			
CS05b	08-Jun-22	1539	Longnose Sucker	262	222	900228000461989		Peace River Upstream Release Location			
CS05b	08-Jun-22	1540	Longnose Sucker	431	1000	900230000258374		Peace River Upstream Release Location			
CS05b	08-Jun-22	1541	Largescale Sucker	458	1272	900230000268942		Peace River Upstream Release Location			
CS05b	08-Jun-22	1542	Longnose Sucker	376	720	900230000259282		Peace River Upstream Release Location			
CS05b	08-Jun-22	1543	Largescale Sucker	448	1101	900230000211642		Peace River Upstream Release Location			
CS05b	08-Jun-22	1544	Longnose Sucker	280	256	900228000460285		Peace River Upstream Release Location			
CS05b	08-Jun-22	1545	Longnose Sucker	390	733	900230000032415		Peace River Upstream Release Location			
CS05b	08-Jun-22	1546	Longnose Sucker	394	810	900230000269035		Peace River Upstream Release Location			
CS05b	08-Jun-22	1547	Longnose Sucker	377	590	900230000258144		Peace River Upstream Release Location			
CS05b	08-Jun-22	1548	Longnose Sucker	387	706	900230000269405		Peace River Upstream Release Location			
CS05b	08-Jun-22	1549	Longnose Sucker	425	963	900230000259670		Peace River Upstream Release Location			
CS05b	08-Jun-22	1550	Largescale Sucker	473	1138	900230000258312		Peace River Upstream Release Location			
CS05b	08-Jun-22	1551	Longnose Sucker	350	544	900230000210876		Peace River Upstream Release Location			
CS05b	08-Jun-22	1552	Longnose Sucker	420	906	900230000259328		Peace River Upstream Release Location			
CS05b	08-Jun-22	1553	Largescale Sucker	413	903	900230000258947		Peace River Upstream Release Location			
CS05b	08-Jun-22	1554	Longnose Sucker	378	679	900230000259037		Peace River Upstream Release Location			
CS05b	08-Jun-22	1555	Longnose Sucker	410	825	900230000159372		Peace River Upstream Release Location			
CS05b	08-Jun-22	1556	Longnose Sucker	395	671	900230000258107		Peace River Upstream Release Location			
CS05b	08-Jun-22	1557	Longnose Sucker	306	346	900230000259493		Peace River Upstream Release Location			
CS05b	08-Jun-22	1558	White Sucker	338	485	900230000266608		Peace River Upstream Release Location			
CS05b	08-Jun-22	1559	Longnose Sucker	375	668	900230000206806		Peace River Upstream Release Location			
CS05b	08-Jun-22	1560	White Sucker	404	782	900230000258684		Peace River Upstream Release Location			
CS05b	08-Jun-22	1561	Longnose Sucker	314	396	900230000259259		Peace River Upstream Release Location			
CS05b	08-Jun-22	1562	Longnose Sucker	390	666	900230000269384		Peace River Upstream Release Location			
CS05b	08-Jun-22	1563	Longnose Sucker	420	841	900230000269567		Peace River Upstream Release Location			
CS05b	08-Jun-22	1564	White Sucker	315	398	900230000268410		Peace River Upstream Release Location			
CS05b	08-Jun-22	1565	Longnose Sucker	388	682	900230000258387		Peace River Upstream Release Location			

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS05b	08-Jun-22	1566	Longnose Sucker	366	609		900230000258732				Peace River Upstream Release Location
CS05b	08-Jun-22	1567	Longnose Sucker	297	333		900228000463869				Peace River Upstream Release Location
CS05b	08-Jun-22	1568	Longnose Sucker	313	354		900230000211102				Peace River Upstream Release Location
CS05b	08-Jun-22	1569	Longnose Sucker	385	694		900230000159005				Peace River Upstream Release Location
CS05b	08-Jun-22	1570	Longnose Sucker	380	606		900230000258855				Peace River Upstream Release Location
CS05b	08-Jun-22	1571	White Sucker	395	811		900230000268294				Peace River Upstream Release Location
CS05b	08-Jun-22	1572	Longnose Sucker	325	377		900230000258830				Peace River Upstream Release Location
CS05b	08-Jun-22	1573	Arctic Grayling	295	269	Scales	900228000468666		DNA-2022-0087	304	Peace River Upstream Release Location
CS05b	08-Jun-22	1574	Longnose Sucker	127	23						
CS05b	08-Jun-22	1575	Redside Shiner	120	25						
CS05b	08-Jun-22	1576	Longnose Sucker	272	252		900228000468877				Peace River Upstream Release Location
CS05b	08-Jun-22	1577	White Sucker	405	843		900230000258644				Peace River Upstream Release Location
CS05b	08-Jun-22	1578	Bull Trout	640	2573		900230000076467				Halfway River Release Location
CS05b	08-Jun-22	1579	Longnose Sucker	238	161		900228000469164				
CS05b	08-Jun-22	1580	Bull Trout	742	4423	Finray	900230000268740		DNA-2022-0088		Halfway River Release Location
CS05b	08-Jun-22	1581	Largescale Sucker	197	89						
CS04a	08-Jun-22	1586	Northern Pike	546	1205	Finray	900230000269933				
CS04a	08-Jun-22	1587	Northern Pike	642	1981	Finray	900230000259443				
CS04a	08-Jun-22	1588	Northern Pikeminnow	395	726						
CS04a	08-Jun-22	1589	Northern Pike	586	1484	Finray	900230000258304				
CS04a	08-Jun-22	1590	Largescale Sucker	496	1465		900230000258961				Peace River Upstream Release Location
CS04a	08-Jun-22	1591	Largescale Sucker	500	1513		900230000258611				Peace River Upstream Release Location
CS04a	08-Jun-22	1592	Largescale Sucker	473	1366		900230000259702				Peace River Upstream Release Location
CS04a	08-Jun-22	1593	Largescale Sucker	471	1272		900230000258264				Peace River Upstream Release Location
CS04a	08-Jun-22	1594	Largescale Sucker	440	1133		900230000259052				Peace River Upstream Release Location
CS04a	08-Jun-22	1595	Northern Pike	471	778	Finray	900230000258623				
CS04a	08-Jun-22	1596	Largescale Sucker	455	1194		900230000259054				Peace River Upstream Release Location
CS04a	08-Jun-22	1597	Largescale Sucker	461	1436		900230000259294				Peace River Upstream Release Location
CS04a	08-Jun-22	1598	Largescale Sucker	460	1099		900230000259677				Peace River Upstream Release Location
CS04a	08-Jun-22	1599	Longnose Sucker	416	729		900230000258620				Peace River Upstream Release Location
CS04a	08-Jun-22	1600	Largescale Sucker	440	1066		900230000258970				Peace River Upstream Release Location
CS04a	08-Jun-22	1601	Northern Pikeminnow	476	1686						
CS04a	08-Jun-22	1602	Largescale Sucker	429	948		900230000205155				Peace River Upstream Release Location
CS04a	08-Jun-22	1603	Largescale Sucker	421	963		982126057511868				Peace River Upstream Release Location
CS04a	08-Jun-22	1604	Largescale Sucker	474	1336		900230000262290				Peace River Upstream Release Location
CS04a	08-Jun-22	1605	Longnose Sucker	379	583		900230000259759				Peace River Upstream Release Location
CS04a	08-Jun-22	1606	Longnose Sucker	401	747		900230000258699				Peace River Upstream Release Location
CS04a	08-Jun-22	1607	Largescale Sucker	460	1096		900230000259412				Peace River Upstream Release Location
CS04a	08-Jun-22	1608	White Sucker	459	1353		900230000162778				Peace River Upstream Release Location
CS04a	08-Jun-22	1609	Largescale Sucker	460	1189		900230000266130				Peace River Upstream Release Location
CS04a	08-Jun-22	1610	Longnose Sucker	329	514		900230000269102				Peace River Upstream Release Location
CS04a	08-Jun-22	1611	Northern Pikeminnow	378	727						
CS04a	08-Jun-22	1612	Largescale Sucker	416	846		900230000258871				Peace River Upstream Release Location
CS04a	08-Jun-22	1613	Redside Shiner	36	1						
CS04a	08-Jun-22	1614	Burbot	248	99		900228000469678				
CS06a	08-Jun-22	1616	Largescale Sucker	481	1253		900230000259608				Peace River Upstream Release Location
CS06a	08-Jun-22	1617	Largescale Sucker	448	1053		900230000242355				Peace River Upstream Release Location
CS06a	08-Jun-22	1618	Largescale Sucker	499	1583		900230000259386				Peace River Upstream Release Location
CS06a	08-Jun-22	1619	Longnose Sucker	378	613		900230000258591				Peace River Upstream Release Location
CS06a	08-Jun-22	1620	Largescale Sucker	311	378		900230000258297				Peace River Upstream Release Location
CS06a	08-Jun-22	1621	Longnose Sucker	422	953		900230000211434				Peace River Upstream Release Location
CS06a	08-Jun-22	1622	Largescale Sucker	495	1528		900230000262768				Peace River Upstream Release Location
CS06a	08-Jun-22	1623	Largescale Sucker	495	1658		900230000259211				Peace River Upstream Release Location
CS06a	08-Jun-22	1624	Largescale Sucker	496	1466		900230000209609				Peace River Upstream Release Location
CS06a	08-Jun-22	1625	Northern Pikeminnow	430	868						
CS06a	08-Jun-22	1626	Largescale Sucker	456	1129		900230000259563				Peace River Upstream Release Location
CS06a	08-Jun-22	1627	Largescale Sucker	426	968		900230000258338				Peace River Upstream Release Location
CS06a	08-Jun-22	1628	Largescale Sucker	419	933		900230000258276				Peace River Upstream Release Location
CS06a	08-Jun-22	1629	Longnose Sucker	388	702		900230000211543				Peace River Upstream Release Location
CS06a	08-Jun-22	1630	Longnose Sucker	434	1004		900230000258704				Peace River Upstream Release Location
CS06a	08-Jun-22	1631	Largescale Sucker	454	1067		900230000258762				Peace River Upstream Release Location
CS06a	08-Jun-22	1632	Longnose Sucker	320	448		900230000259323				Peace River Upstream Release Location
CS06a	08-Jun-22	1633	Largescale Sucker	464	1240		900230000258799				Peace River Upstream Release Location
CS06a	08-Jun-22	1634	Longnose Sucker	386	656		900228000586700				Peace River Upstream Release Location
CS06a	08-Jun-22	1635	Largescale Sucker	383	667		900230000259203				Peace River Upstream Release Location
CS06a	08-Jun-22	1636	Longnose Sucker	392	628		900230000031779				Peace River Upstream Release Location
CS06a	08-Jun-22	1637	Longnose Sucker	337	408		900230000258390				Peace River Upstream Release Location
CS06a	08-Jun-22	1638	Largescale Sucker	366	648		900228000349838				Peace River Upstream Release Location
CS06a	08-Jun-22	1639	Longnose Sucker	351	514		900230000258709				Peace River Upstream Release Location
CS06a	08-Jun-22	1640	Mountain Whitefish	380	467	Scales	981098104942815	900230000258247			
CS06a	08-Jun-22	1641	Longnose Sucker	406	874		900230000259654				Peace River Upstream Release Location
CS06a	08-Jun-22	1642	Mountain Whitefish	282	195	Scales	900228000460587				
CS06a	08-Jun-22	1643	Largescale Sucker	416	899		900230000258883				Peace River Upstream Release Location
CS06a	08-Jun-22	1644	Northern Pikeminnow	281	261						
CS06a	08-Jun-22	1645	Longnose Sucker	406	758		900230000259182				Peace River Upstream Release Location
CS06a	08-Jun-22	1646	Longnose Sucker	348	565		900230000211296				Peace River Upstream Release Location
CS06a	08-Jun-22	1647	Longnose Sucker	377	566		900230000259362				Peace River Upstream Release Location
CS06a	08-Jun-22	1648	Longnose Sucker	302	331		900230000259231				Peace River Upstream Release Location
CS06a	08-Jun-22	1649	Longnose Sucker	216	104		900228000469527				
CS06a	08-Jun-22	1650	Northern Pikeminnow	326	359						
CS06a	08-Jun-22	1651	Longnose Sucker	275	250		900228000469890				Peace River Upstream Release Location
CS06a	08-Jun-22	1652	Mountain Whitefish	224	99	Scales	900228000463497				
CS04b	08-Jun-22	1654	Largescale Sucker	574	2068		900230000269820				Peace River Upstream Release Location
CS04b	08-Jun-22	1655	Largescale Sucker	493	1449		900230000259098				Peace River Upstream Release Location
CS04b	08-Jun-22	1656	Largescale Sucker	397	1530		900230000210268				Peace River Upstream Release Location
CS04b	08-Jun-22	1657	Largescale Sucker	492	1399		900230000258200				Peace River Upstream Release Location
CS04b	08-Jun-22	1658	Longnose Sucker	437	1029		900230000258758				Peace River Upstream Release Location
CS04b	08-Jun-22	1659	Largescale Sucker	448	1512		900230000258262				Peace River Upstream Release Location
CS04b	08-Jun-22	1660	Northern Pikeminnow	413	840						
CS04b	08-Jun-22	1661	Largescale Sucker	502	1679		900230000211451				Peace River Upstream Release Location
CS04b	08-Jun-22	1662	Largescale Sucker	562	2139		900230000266566				Peace River Upstream Release Location
CS04b	08-Jun-22	1663	Northern Pikeminnow	406	889						
CS04b	08-Jun-22	1664	Largescale Sucker	502	1829		900230000258564				Peace River Upstream Release Location
CS04b	08-Jun-22	1665	Largescale Sucker	578	2074		982126057511843				Peace River Upstream Release Location
CS04b	08-Jun-22	1666	Largescale Sucker	458	1080		900230000258955				Peace River Upstream Release Location
CS04b	08-Jun-22	1667	Largescale Sucker	426	947		900230000268896				Peace River Upstream Release Location
CS04b	08-Jun-22	1668	Largescale Sucker	489	1279		900230000206552				Peace River Upstream Release Location
CS04b	08-Jun-22	1669	Largescale Sucker	461	1239		900230000204812				Peace River Upstream Release Location
CS04b	08-Jun-22	1670	Largescale Sucker	537	2058		900230000258868				Peace River Upstream Release Location
CS04b	08-Jun-22	1671	Largescale Sucker	484	1318		900230000158808				Peace River Upstream Release Location
CS04b	08-Jun-22	1672	Largescale Sucker	476	1627		900230000258861				Peace River Upstream Release Location
CS04b	08-Jun-22	1673	Largescale Sucker	433	981		900230000258483				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS04b	08-Jun-22	1674	Longnose Sucker	435	999		900230000259653				Peace River Upstream Release Location
CS04b	08-Jun-22	1675	Largescale Sucker	561	2125		900230000210209				Peace River Upstream Release Location
CS04b	08-Jun-22	1676	Largescale Sucker	463	1111		982126057511892				Peace River Upstream Release Location
CS04b	08-Jun-22	1677	Longnose Sucker	351	565		982126057511898				Peace River Upstream Release Location
CS04b	08-Jun-22	1678	Largescale Sucker	497	782		982126057511900				Peace River Upstream Release Location
CS04b	08-Jun-22	1679	Longnose Sucker	393	725		900230000258046				Peace River Upstream Release Location
CS04b	08-Jun-22	1680	Largescale Sucker	422	901		900230000259219				Peace River Upstream Release Location
CS04b	08-Jun-22	1681	Longnose Sucker	370	628		900230000259847				Peace River Upstream Release Location
CS04b	08-Jun-22	1682	Northern Pikeminnow	361	547						
CS04b	08-Jun-22	1683	White Sucker	364	627		900230000268487				Peace River Upstream Release Location
CS06b	08-Jun-22	1685	Largescale Sucker	424	1044		900230000258881				Peace River Upstream Release Location
CS06b	08-Jun-22	1686	Largescale Sucker	422	1017		900230000209998				Peace River Upstream Release Location
CS06b	08-Jun-22	1687	Largescale Sucker	389	712		900230000259166				Peace River Upstream Release Location
CS06b	08-Jun-22	1688	Longnose Sucker	442	1055		900230000269378				Peace River Upstream Release Location
CS06b	08-Jun-22	1689	Longnose Sucker	365	639		900230000211084				Peace River Upstream Release Location
CS06b	08-Jun-22	1690	Largescale Sucker	453	1155		900230000258419				Peace River Upstream Release Location
CS06b	08-Jun-22	1691	Longnose Sucker	216	121		900228000468348				
CS06b	08-Jun-22	1692	Longnose Sucker	264	229		900228000464538				Peace River Upstream Release Location
CS06b	08-Jun-22	1693	Longnose Sucker	406	788		900230000259515				Peace River Upstream Release Location
CS06b	08-Jun-22	1694	Largescale Sucker	486	1542		900230000204157				Peace River Upstream Release Location
CS06b	08-Jun-22	1695	Largescale Sucker	465	1218		900230000158221				Peace River Upstream Release Location
CS06b	08-Jun-22	1696	Longnose Sucker	438	1120		900230000258217				Peace River Upstream Release Location
CS06b	08-Jun-22	1697	Largescale Sucker	503	1732		900230000259795				Peace River Upstream Release Location
CS06b	08-Jun-22	1698	Largescale Sucker	450	1123		900230000259104				Peace River Upstream Release Location
CS06b	08-Jun-22	1699	Longnose Sucker	402	743		900230000208856				Peace River Upstream Release Location
CS06b	08-Jun-22	1700	Burbot	535	1033		900230000211614				
CS06b	08-Jun-22	1701	Longnose Sucker	276	214		900228000468293				Peace River Upstream Release Location
CS06b	08-Jun-22	1702	Longnose Sucker	380	724		900228000591397				Peace River Upstream Release Location
CS03a	08-Jun-22	1706	Largescale Sucker	411	775		900230000258907				Peace River Upstream Release Location
CS03a	08-Jun-22	1707	Largescale Sucker	480	1192		900230000259156				Peace River Upstream Release Location
CS03a	08-Jun-22	1708	Largescale Sucker	453	1139		900230000203518				Peace River Upstream Release Location
CS03a	08-Jun-22	1709	Longnose Sucker	404	968		900230000207814				Peace River Upstream Release Location
CS03a	08-Jun-22	1710	Rainbow Trout	265	191	Scales	900228000469066				Peace River Upstream Release Location
CS03a	14-Jun-22	1712	Longnose Sucker	395	761		900228000469407				Peace River Upstream Release Location
CS03a	14-Jun-22	1713	Largescale Sucker	512	1688		900230000032725				Peace River Upstream Release Location
CS03a	14-Jun-22	1714	Largescale Sucker	532	1490		900228000469677				Peace River Upstream Release Location
CS03a	14-Jun-22	1715	Largescale Sucker	464	1385		900228000461252				Peace River Upstream Release Location
CS03a	14-Jun-22	1716	Largescale Sucker	456	1185		900228000469521				Peace River Upstream Release Location
CS03a	14-Jun-22	1717	Largescale Sucker	421	904		900228000469877				Peace River Upstream Release Location
CS03a	14-Jun-22	1718	Largescale Sucker	432	1098		900228000468297				Peace River Upstream Release Location
CS03a	14-Jun-22	1719	Largescale Sucker	441	1070						Peace River Upstream Release Location
CS03a	14-Jun-22	1720	Largescale Sucker	571	2281		900230000204985				Peace River Upstream Release Location
CS03a	14-Jun-22	1721	Longnose Sucker	388	715						Peace River Upstream Release Location
CS03a	14-Jun-22	1722	Largescale Sucker	416	871						Peace River Upstream Release Location
CS03a	14-Jun-22	1723	Largescale Sucker	397	743		900228000468473				Peace River Upstream Release Location
CS03a	14-Jun-22	1724	Largescale Sucker	452	1076		900230000268551				Peace River Upstream Release Location
CS03a	14-Jun-22	1725	Longnose Sucker	365	591		900230000258493				Peace River Upstream Release Location
CS03a	14-Jun-22	1726	Largescale Sucker	477	1586		900230000268928				Peace River Upstream Release Location
CS03a	14-Jun-22	1727	Largescale Sucker	451	1125		900230000258103				Peace River Upstream Release Location
CS03a	14-Jun-22	1728	Longnose Sucker	403	843		900230000259205				Peace River Upstream Release Location
CS03a	14-Jun-22	1729	Longnose Sucker	244	184		900228000469698				
CS03a	14-Jun-22	1730	White Sucker	422	827		900230000258577				Peace River Upstream Release Location
CS03a	14-Jun-22	1731	Largescale Sucker	426	937		900230000258663				Peace River Upstream Release Location
CS03a	14-Jun-22	1732	Longnose Sucker	336	421		900230000269559				Peace River Upstream Release Location
CS03a	14-Jun-22	1733	Longnose Sucker	301	343		900230000259748				Peace River Upstream Release Location
CS03a	14-Jun-22	1734	Bull Trout	725	4734	Finray	900230000258147		DNA-2022-0089		Halfway River Release Location
CS01a	14-Jun-22	1736	Northern Pikeminnow	424	930		96500000074231				
CS01a	14-Jun-22	1737	Longnose Sucker	427	1060		900230000258953				Peace River Upstream Release Location
CS01a	14-Jun-22	1738	Largescale Sucker	468	1203		900230000258205				Peace River Upstream Release Location
CS01a	14-Jun-22	1739	Largescale Sucker	511	1742		900230000268460				Peace River Upstream Release Location
CS01a	14-Jun-22	1740	Longnose Sucker	422	923		900230000269018				Peace River Upstream Release Location
CS01a	14-Jun-22	1741	Largescale Sucker	497	1608		900230000259539				Peace River Upstream Release Location
CS01a	14-Jun-22	1742	Northern Pikeminnow	438	1151						
CS01a	14-Jun-22	1743	Longnose Sucker	428	924		900230000258023				Peace River Upstream Release Location
CS01a	14-Jun-22	1744	Largescale Sucker	508	1661		900230000203923				Peace River Upstream Release Location
CS01a	14-Jun-22	1745	Largescale Sucker	426	1011		900230000206426				Peace River Upstream Release Location
CS01a	14-Jun-22	1746	Northern Pikeminnow	497	1371						
CS01a	14-Jun-22	1747	Largescale Sucker	508	1487		900230000258470				Peace River Upstream Release Location
CS01a	14-Jun-22	1748	Largescale Sucker	401	841		900230000208608				Peace River Upstream Release Location
CS01a	14-Jun-22	1749	Largescale Sucker	481	1181		900230000258463				Peace River Upstream Release Location
CS01a	14-Jun-22	1750	Northern Pikeminnow	377	642						
CS01a	14-Jun-22	1751	Longnose Sucker	374	645		900230000258857				Peace River Upstream Release Location
CS01a	14-Jun-22	1752	Largescale Sucker	528	1799		900230000268576				Peace River Upstream Release Location
CS01a	14-Jun-22	1753	White Sucker	416	806		900230000258973				Peace River Upstream Release Location
CS01a	14-Jun-22	1754	Longnose Sucker	398	689		900230000211862				Peace River Upstream Release Location
CS01a	14-Jun-22	1755	White Sucker	381	680		900230000258236				Peace River Upstream Release Location
CS01a	14-Jun-22	1756	Longnose Sucker	377	643		900230000258547				Peace River Upstream Release Location
CS01a	14-Jun-22	1757	Longnose Sucker	403	779		900230000259125				Peace River Upstream Release Location
CS01a	14-Jun-22	1758	White Sucker	388	815		900230000259312				Peace River Upstream Release Location
CS01a	14-Jun-22	1759	Longnose Sucker	374	581		900230000258902				Peace River Upstream Release Location
CS01a	14-Jun-22	1760	Largescale Sucker	523	1680		981098106071350	982126057511888			Peace River Upstream Release Location
CS01a	14-Jun-22	1761	Longnose Sucker	460	1127		900230000269961				Peace River Upstream Release Location
CS01a	14-Jun-22	1762	Largescale Sucker	397	818		900230000211252				Peace River Upstream Release Location
CS01a	14-Jun-22	1763	Largescale Sucker	533	1862		900230000258334				Peace River Upstream Release Location
CS01a	14-Jun-22	1764	Longnose Sucker	392	742		900230000258656				Peace River Upstream Release Location
CS01a	14-Jun-22	1765	Northern Pikeminnow	378	681						
CS01a	14-Jun-22	1766	Longnose Sucker	373	741		900230000259678				Peace River Upstream Release Location
CS01a	14-Jun-22	1767	Longnose Sucker	387	785		900230000258566				Peace River Upstream Release Location
CS01a	14-Jun-22	1768	Longnose Sucker	420	808		900230000076601				Peace River Upstream Release Location
CS01a	14-Jun-22	1769	Longnose Sucker	431	983		900230000263877				Peace River Upstream Release Location
CS01a	14-Jun-22	1770	White Sucker	233	179		900228000463452				
CS01a	14-Jun-22	1771	Longnose Sucker	418	871		900230000203395				Peace River Upstream Release Location
CS01a	14-Jun-22	1772	Largescale Sucker	378	658		900230000211676				Peace River Upstream Release Location
CS01a	14-Jun-22	1773	Longnose Sucker	395	756		900230000258488				Peace River Upstream Release Location
CS01a	14-Jun-22	1774	Longnose Sucker	367	640		900230000158696				Peace River Upstream Release Location
CS01a	14-Jun-22	1775	Largescale Sucker	472	1362		900230000204164				Peace River Upstream Release Location
CS01a	14-Jun-22	1776	Longnose Sucker	412	790		900230000079667				Peace River Upstream Release Location
CS01a	14-Jun-22	1777	Longnose Sucker	397	713		900230000204395				Peace River Upstream Release Location
CS01a	14-Jun-22	1778	White Sucker	420	959		900230000268185				Peace River Upstream Release Location
CS01a	14-Jun-22	1779	Largescale Sucker	518	1811		900230000258571				Peace River Upstream Release Location
CS01a	14-Jun-22	1780	Longnose Sucker	443	905		900230000259355				Peace River Upstream Release Location
CS01a	14-Jun-22	1781	Longnose Sucker	363	569		900230000268557				Peace River Upstream Release Location

...continued.

Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS01a	14-Jun-22	1782	Longnose Sucker	410	773		900230000258195				Peace River Upstream Release Location
CS01a	14-Jun-22	1783	Longnose Sucker	352	662		900230000258797				Peace River Upstream Release Location
CS01a	14-Jun-22	1784	Largescale Sucker	514	1571		900230000258981				Peace River Upstream Release Location
CS01a	14-Jun-22	1785	Largescale Sucker	427	978		900230000078652				Peace River Upstream Release Location
CS04a	14-Jun-22	1787	Northern Pike	511	932	Finray	900230000266676				
CS04a	14-Jun-22	1788	Walleye	556	1864	Finray	900230000258578				
CS04a	14-Jun-22	1789	Longnose Sucker	357	561		900230000206591				Peace River Upstream Release Location
CS04a	14-Jun-22	1790	White Sucker	485	1353		900230000258534				Peace River Upstream Release Location
CS04a	14-Jun-22	1791	Largescale Sucker	537	1829		900230000207253				Peace River Upstream Release Location
CS04a	14-Jun-22	1792	Longnose Sucker	433	987		900230000258561				Peace River Upstream Release Location
CS04a	14-Jun-22	1793	Longnose Sucker	402	845		900230000268900				Peace River Upstream Release Location
CS04a	14-Jun-22	1794	Largescale Sucker	463	1267		900230000210095				Peace River Upstream Release Location
CS04a	14-Jun-22	1795	Walleye	467	1068	Finray	900230000258515				Peace River Upstream Release Location
CS04a	14-Jun-22	1796	Longnose Sucker	381	728		981098104934678	900230000258781			Peace River Upstream Release Location
CS04a	14-Jun-22	1797	Largescale Sucker	440	975		900230000268349				Peace River Upstream Release Location
CS04a	14-Jun-22	1798	Longnose Sucker	454	1138		900230000259305				Peace River Upstream Release Location
CS04a	14-Jun-22	1799	Longnose Sucker	366	590		900230000269549				Peace River Upstream Release Location
CS04a	14-Jun-22	1800	Redside Shiner	101	14						
CS04a	14-Jun-22	1801	Longnose Sucker	356	521		900230000262982				Peace River Upstream Release Location
CS04a	14-Jun-22	1802	Longnose Sucker	421	871		900230000258498				Peace River Upstream Release Location
CS04a	14-Jun-22	1803	White Sucker	395	720		900230000259707				Peace River Upstream Release Location
CS04a	14-Jun-22	1804	Longnose Sucker	371	656		900230000266520				Peace River Upstream Release Location
CS04a	14-Jun-22	1805	Longnose Sucker	392	712		900230000258013				Peace River Upstream Release Location
CS04a	14-Jun-22	1806	Longnose Sucker	404	864		900230000268324				Peace River Upstream Release Location
CS04a	14-Jun-22	1807	Longnose Sucker	378	659		900230000259346				Peace River Upstream Release Location
CS04a	14-Jun-22	1808	Longnose Sucker	403	718		900230000258844				Peace River Upstream Release Location
CS04a	14-Jun-22	1809	Longnose Sucker	315	434		900230000268811				Peace River Upstream Release Location
CS04a	14-Jun-22	1810	Longnose Sucker	372	635		900230000258648				Peace River Upstream Release Location
CS04a	14-Jun-22	1811	Longnose Sucker	369	684		900230000268124				Peace River Upstream Release Location
CS04a	14-Jun-22	1812	Longnose Sucker	273	237		900228000469024				Peace River Upstream Release Location
CS04a	14-Jun-22	1813	Longnose Sucker	315	398		900230000266593				Peace River Upstream Release Location
CS04b	14-Jun-22	1815	Burbot	632	917		900230000259501				
CS04b	14-Jun-22	1816	Longnose Sucker	431	963		900230000259245				Peace River Upstream Release Location
CS04b	14-Jun-22	1817	Longnose Sucker	384	695		900230000259704				Peace River Upstream Release Location
CS04b	14-Jun-22	1818	Longnose Sucker	444	1195		900230000262585				Peace River Upstream Release Location
CS04b	14-Jun-22	1819	Longnose Sucker	416	897		900230000267282				Peace River Upstream Release Location
CS04b	14-Jun-22	1820	White Sucker	425	820		900230000259115				Peace River Upstream Release Location
CS04b	14-Jun-22	1821	Longnose Sucker	394	682		900230000258568				Peace River Upstream Release Location
CS04b	14-Jun-22	1822	Longnose Sucker	408	831		900230000258301				Peace River Upstream Release Location
CS04b	14-Jun-22	1823	Longnose Sucker	416	796		900230000211631				Peace River Upstream Release Location
CS04b	14-Jun-22	1824	Largescale Sucker	436	1036		900230000159520				Peace River Upstream Release Location
CS04b	14-Jun-22	1825	Longnose Sucker	434	855		900230000033717				Peace River Upstream Release Location
CS04b	14-Jun-22	1826	Longnose Sucker	357	571		900230000259809				Peace River Upstream Release Location
CS04b	14-Jun-22	1827	Longnose Sucker	360	624		900230000262318				Peace River Upstream Release Location
CS04b	14-Jun-22	1828	Longnose Sucker	292	285		900228000461708				Peace River Upstream Release Location
CS01b	14-Jun-22	1830	Longnose Sucker	451	1069		900230000258798				Peace River Upstream Release Location
CS01b	14-Jun-22	1831	Longnose Sucker	461	1218		900230000268553				Peace River Upstream Release Location
CS01b	14-Jun-22	1832	Longnose Sucker	428	972		900230000259773				Peace River Upstream Release Location
CS01b	14-Jun-22	1833	Longnose Sucker	361	630		900230000258733				Peace River Upstream Release Location
CS01b	14-Jun-22	1834	Largescale Sucker	392	775		900230000269352				Peace River Upstream Release Location
CS01b	14-Jun-22	1835	Largescale Sucker	381	717		900230000210631				Peace River Upstream Release Location
CS03b	14-Jun-22	1837	Longnose Sucker	421	892		900230000266356				Peace River Upstream Release Location
CS03b	14-Jun-22	1838	Longnose Sucker	341	513		900230000258740				Peace River Upstream Release Location
CS03b	14-Jun-22	1839	Largescale Sucker	422	917		900230000262555				Peace River Upstream Release Location
CS03b	14-Jun-22	1840	Largescale Sucker	436	1034		900230000259058				Peace River Upstream Release Location
CS03b	14-Jun-22	1841	Bull Trout	531	1684	Finray	900230000259230		DNA-2022-0090		Halfway River Release Location
CS06a	14-Jun-22	1843	Northern Pikeminnow	497	1595						
CS06a	14-Jun-22	1844	Largescale Sucker	538	1938		900230000269785				Peace River Upstream Release Location
CS06a	14-Jun-22	1845	Largescale Sucker	418	900		900230000159255				Peace River Upstream Release Location
CS06a	14-Jun-22	1846	Largescale Sucker	545	2154		900230000159284				Peace River Upstream Release Location
CS06a	14-Jun-22	1847	Longnose Sucker	427	869		900230000210943				Peace River Upstream Release Location
CS06a	14-Jun-22	1848	Largescale Sucker	463	1268		900230000259285				Peace River Upstream Release Location
CS06a	14-Jun-22	1849	Largescale Sucker	464	1212		900230000258589				Peace River Upstream Release Location
CS06a	14-Jun-22	1850	Largescale Sucker	483	1505		900230000259416				Peace River Upstream Release Location
CS06a	14-Jun-22	1851	Largescale Sucker	484	1408		900230000259248				Peace River Upstream Release Location
CS06a	14-Jun-22	1852	Longnose Sucker	458	1196		900230000258592				Peace River Upstream Release Location
CS06a	14-Jun-22	1853	Largescale Sucker	445	1209		900230000258605				Peace River Upstream Release Location
CS06a	14-Jun-22	1854	Longnose Sucker	402	744		900230000259179				Peace River Upstream Release Location
CS06a	14-Jun-22	1855	Largescale Sucker	474	1256		900230000077425				Peace River Upstream Release Location
CS06a	14-Jun-22	1856	Largescale Sucker	420	951		900230000258354				Peace River Upstream Release Location
CS06a	14-Jun-22	1857	Largescale Sucker	477	1225		900230000268327				Peace River Upstream Release Location
CS06a	14-Jun-22	1858	Longnose Sucker	376	680		900230000268099				Peace River Upstream Release Location
CS06a	14-Jun-22	1859	Longnose Sucker	420	976		900230000032504				Peace River Upstream Release Location
CS06a	14-Jun-22	1860	Largescale Sucker	511	1564		900230000259134				Peace River Upstream Release Location
CS06a	14-Jun-22	1861	Longnose Sucker	404	893		982126057511822				Peace River Upstream Release Location
CS06a	14-Jun-22	1862	Largescale Sucker	507	1452		900230000258573				Peace River Upstream Release Location
CS06a	14-Jun-22	1863	Largescale Sucker	437	1060		900230000211633				Peace River Upstream Release Location
CS06a	14-Jun-22	1864	Largescale Sucker	517	1834		900230000259232				Peace River Upstream Release Location
CS06a	14-Jun-22	1865	Longnose Sucker	437	947		900230000259331				Peace River Upstream Release Location
CS06a	14-Jun-22	1866	Longnose Sucker	383	688		900230000259845				Peace River Upstream Release Location
CS06a	14-Jun-22	1867	Largescale Sucker	383	718		900230000269521				Peace River Upstream Release Location
CS06a	14-Jun-22	1868	Longnose Sucker	441	1040		900230000258403				Peace River Upstream Release Location
CS06a	14-Jun-22	1869	Longnose Sucker	268	255		900228000468055				Peace River Upstream Release Location
CS06a	14-Jun-22	1870	Largescale Sucker	524	1828		900230000258950				Peace River Upstream Release Location
CS06a	14-Jun-22	1871	Longnose Sucker	383	766		900230000210181				Peace River Upstream Release Location
CS06a	14-Jun-22	1872	Largescale Sucker	492	1502		900230000259012				Peace River Upstream Release Location
CS06a	14-Jun-22	1873	Longnose Sucker	343	433		900230000159872				Peace River Upstream Release Location
CS06a	14-Jun-22	1874	Largescale Sucker	478	1201		900230000262309				Peace River Upstream Release Location
CS06a	14-Jun-22	1875	Longnose Sucker	413	792		900230000259480				Peace River Upstream Release Location
CS06a	14-Jun-22	1876	Northern Pikeminnow	428	858						
CS06a	14-Jun-22	1877	Largescale Sucker	399	760		900230000259449				Peace River Upstream Release Location
CS06a	14-Jun-22	1878	Longnose Sucker	395	801		900230000258774				Peace River Upstream Release Location
CS06a	14-Jun-22	1879	Longnose Sucker	404	726		900230000269991				Peace River Upstream Release Location
CS06a	14-Jun-22	1880	Largescale Sucker	437	1085		900230000269091				Peace River Upstream Release Location
CS06a	14-Jun-22	1881	Largescale Sucker	496	1355		900230000259680				Peace River Upstream Release Location
CS06a	14-Jun-22	1882	Longnose Sucker	406	847		900230000258680				Peace River Upstream Release Location
CS06a	14-Jun-22	1883	Largescale Sucker	414	929		900230000242376				Peace River Upstream Release Location
CS06a	14-Jun-22	1884	Longnose Sucker	391	828		900230000081180				Peace River Upstream Release Location
CS06a	14-Jun-22	1885	Longnose Sucker	438	937		900230000075204				Peace River Upstream Release Location
CS06a	14-Jun-22	1886	Longnose Sucker	404	728		900230000259474				Peace River Upstream Release Location
CS06a	14-Jun-22	1887	Longnose Sucker	411	899		900230000259171				Peace River Upstream Release Location
CS06a	14-Jun-22	1888	Longnose Sucker	397	990		900230000259763				Peace River Upstream Release Location

...continued.



Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS06a	14-Jun-22	1889	Longnose Sucker	447	994		900230000259588				Peace River Upstream Release Location
CS06a	14-Jun-22	1890	Longnose Sucker	368	661		900230000259252				Peace River Upstream Release Location
CS06a	14-Jun-22	1891	Longnose Sucker	451	1094		900230000259548				Peace River Upstream Release Location
CS06a	14-Jun-22	1892	Longnose Sucker	391	894		900230000259096				Peace River Upstream Release Location
CS06a	14-Jun-22	1893	Longnose Sucker	300	331		900230000259644				Peace River Upstream Release Location
CS06a	14-Jun-22	1894	Longnose Sucker	392	842		900230000258511				Peace River Upstream Release Location
CS06a	14-Jun-22	1895	Longnose Sucker	382	648		900230000259339				Peace River Upstream Release Location
CS06a	14-Jun-22	1896	Largescale Sucker	524	1619		900230000258402				Peace River Upstream Release Location
CS06a	14-Jun-22	1897	Longnose Sucker	397	602		900230000268082				Peace River Upstream Release Location
CS06a	14-Jun-22	1898	Longnose Sucker	348	504		900230000211530				Peace River Upstream Release Location
CS06a	14-Jun-22	1899	Largescale Sucker	472	1389		900230000204666				Peace River Upstream Release Location
CS06a	14-Jun-22	1900	Largescale Sucker	478	1337		900230000263776				Peace River Upstream Release Location
CS06a	14-Jun-22	1901	Largescale Sucker	513	1576		900230000266561				Peace River Upstream Release Location
CS06a	14-Jun-22	1902	Largescale Sucker	435	1083		900230000269472				Peace River Upstream Release Location
CS06a	14-Jun-22	1903	Largescale Sucker	475	1310		900230000123150				Peace River Upstream Release Location
CS06a	14-Jun-22	1904	Largescale Sucker	490	1338		900230000210151				Peace River Upstream Release Location
CS06a	14-Jun-22	1905	Largescale Sucker	435	1042		900230000259121				Peace River Upstream Release Location
CS06a	14-Jun-22	1906	Longnose Sucker	383	674		900230000258441				Peace River Upstream Release Location
CS06a	14-Jun-22	1907	White Sucker	382	738		900230000258997				Peace River Upstream Release Location
CS06a	14-Jun-22	1908	Longnose Sucker	276	261		900228000468292				Peace River Upstream Release Location
CS06a	14-Jun-22	1909	Longnose Sucker	247	199		900228000463831				
CS06a	14-Jun-22	1910	Northern Pikeminnow	364	595						
CS06a	14-Jun-22	1911	Largescale Sucker	402	787		900230000258849				Peace River Upstream Release Location
CS06a	14-Jun-22	1912	Longnose Sucker	399	793		900230000259506				Peace River Upstream Release Location
CS06a	14-Jun-22	1913	Longnose Sucker	281	284		900228000463557				Peace River Upstream Release Location
CS06a	14-Jun-22	1914	Longnose Sucker	242	190		900228000469339				
CS06a	14-Jun-22	1915	Longnose Sucker	293	294		900228000439863				Peace River Upstream Release Location
CS06a	14-Jun-22	1916	Longnose Sucker	257	203		900228000464611				Peace River Upstream Release Location
CS06a	14-Jun-22	1917	Longnose Sucker	363	585		900230000269495				Peace River Upstream Release Location
CS06a	14-Jun-22	1918	Longnose Sucker	377	612		900230000258514				Peace River Upstream Release Location
CS06a	14-Jun-22	1919	Longnose Sucker	411	878		900230000269346				Peace River Upstream Release Location
CS06a	14-Jun-22	1920	Largescale Sucker	427	946		900230000259176				Peace River Upstream Release Location
CS06a	14-Jun-22	1921	Northern Pikeminnow	336	440						
CS06a	14-Jun-22	1922	Longnose Sucker	257	187		900228000463983				Peace River Upstream Release Location
CS06a	14-Jun-22	1923	Longnose Sucker	251	162		900228000464984				Peace River Upstream Release Location
CS06a	14-Jun-22	1924	Longnose Sucker	272	219		900228000468172				Peace River Upstream Release Location
CS05b	15-Jun-22	1926	Northern Pikeminnow	435	861						
CS05b	15-Jun-22	1927	Northern Pikeminnow	466	1227						
CS05b	15-Jun-22	1928	Northern Pikeminnow	448	1123						
CS05b	15-Jun-22	1929	Northern Pikeminnow	395	663						
CS05b	15-Jun-22	1930	Northern Pikeminnow	444	1014						
CS05b	15-Jun-22	1931	Largescale Sucker	465			900230000259137				Peace River Upstream Release Location
CS05b	15-Jun-22	1932	White Sucker	419	800		900230000269807				Peace River Upstream Release Location
CS05b	15-Jun-22	1933	Northern Pikeminnow	409	751						
CS05b	15-Jun-22	1934	Longnose Sucker	425	858		900230000258649				Peace River Upstream Release Location
CS05b	15-Jun-22	1935	Longnose Sucker	416	760		900230000266626				Peace River Upstream Release Location
CS05b	15-Jun-22	1936	Longnose Sucker	438	675		900230000259454				Peace River Upstream Release Location
CS05b	15-Jun-22	1937	Largescale Sucker	465	1259		900230000258706				Peace River Upstream Release Location
CS05b	15-Jun-22	1938	Largescale Sucker	530	1821		900230000258887				Peace River Upstream Release Location
CS05b	15-Jun-22	1939	Longnose Sucker	400	763		900230000080424				Peace River Upstream Release Location
CS05b	15-Jun-22	1940	Longnose Sucker	441	962		900230000210144				Peace River Upstream Release Location
CS05b	15-Jun-22	1941	Rainbow Trout	252	151	Scales	900228000468958		DNA-2022-0091		Peace River Upstream Release Location
CS05b	15-Jun-22	1942	Longnose Sucker	460	1302		900230000259090				Peace River Upstream Release Location
CS05b	15-Jun-22	1943	Largescale Sucker	499	1430		900230000259338				Peace River Upstream Release Location
CS05b	15-Jun-22	1944	Longnose Sucker	382	687		900230000266289				Peace River Upstream Release Location
CS05b	15-Jun-22	1945	Largescale Sucker	445	1013		900230000159612				Peace River Upstream Release Location
CS05b	15-Jun-22	1946	Largescale Sucker	408	915		900230000259272				Peace River Upstream Release Location
CS05b	15-Jun-22	1947	Longnose Sucker	433	862		900230000259592				Peace River Upstream Release Location
CS05b	15-Jun-22	1948	Northern Pikeminnow	446	1035						
CS05b	15-Jun-22	1949	Longnose Sucker	405	814		900230000258258				Peace River Upstream Release Location
CS05b	15-Jun-22	1950	White Sucker	292	303		900228000463563				Peace River Upstream Release Location
CS05b	15-Jun-22	1951	Longnose Sucker	446	1062		900230000258526				Peace River Upstream Release Location
CS05b	15-Jun-22	1952	Largescale Sucker	488	1273		900230000056218				Peace River Upstream Release Location
CS05b	15-Jun-22	1953	Longnose Sucker	414	814		900230000258747				Peace River Upstream Release Location
CS05b	15-Jun-22	1954	Longnose Sucker	285	281		900228000465390				Peace River Upstream Release Location
CS05b	15-Jun-22	1955	Longnose Sucker	418	922		900230000263955				Peace River Upstream Release Location
CS05b	15-Jun-22	1956	Longnose Sucker	433	904		900230000258750				Peace River Upstream Release Location
CS05b	15-Jun-22	1957	Largescale Sucker	492	1519		900230000258249				Peace River Upstream Release Location
CS05b	15-Jun-22	1958	Largescale Sucker	485	1292		900230000259472				Peace River Upstream Release Location
CS05b	15-Jun-22	1959	Longnose Sucker	415	775		900230000266699				Peace River Upstream Release Location
CS05b	15-Jun-22	1960	Longnose Sucker	418	792		900230000259400				Peace River Upstream Release Location
CS05b	15-Jun-22	1961	Largescale Sucker	502	1672		900026000033521				Peace River Upstream Release Location
CS05b	15-Jun-22	1962	Largescale Sucker	421	932		900230000259657				Peace River Upstream Release Location
CS05b	15-Jun-22	1963	Longnose Sucker	355	516		900230000259275				Peace River Upstream Release Location
CS05b	15-Jun-22	1964	Largescale Sucker	488	1352		900230000258975				Peace River Upstream Release Location
CS05b	15-Jun-22	1965	Largescale Sucker	456	1229		900230000259318				Peace River Upstream Release Location
CS05b	15-Jun-22	1966	Longnose Sucker	376	578		900230000259274				Peace River Upstream Release Location
CS05b	15-Jun-22	1967	Largescale Sucker	486	1328		900230000259618				Peace River Upstream Release Location
CS05b	15-Jun-22	1968	Largescale Sucker	475	1348		900230000268600				Peace River Upstream Release Location
CS05b	15-Jun-22	1969	Largescale Sucker	554	2091		900230000057395				Peace River Upstream Release Location
CS05b	15-Jun-22	1970	Largescale Sucker	407	785		900230000259722				Peace River Upstream Release Location
CS05b	15-Jun-22	1971	White Sucker	389	721		900230000258655				Peace River Upstream Release Location
CS05b	15-Jun-22	1972	Longnose Sucker	379	602		900230000259287				Peace River Upstream Release Location
CS05b	15-Jun-22	1973	Largescale Sucker	441	929		900230000159434				Peace River Upstream Release Location
CS05b	15-Jun-22	1974	Longnose Sucker	400	739		900230000159405				Peace River Upstream Release Location
CS05b	15-Jun-22	1975	Longnose Sucker	363	555		900230000258536				Peace River Upstream Release Location
CS05b	15-Jun-22	1976	Longnose Sucker	249	163		900228000468922				
CS05b	15-Jun-22	1977	Longnose Sucker	435	939		900230000259290				Peace River Upstream Release Location
CS05b	15-Jun-22	1978	Longnose Sucker	265	196		900228000463414				Peace River Upstream Release Location
CS05b	15-Jun-22	1979	Longnose Sucker	284	258		900228000469008				Peace River Upstream Release Location
CS05b	15-Jun-22	1980	Longnose Sucker	448	1129		900230000259671				Peace River Upstream Release Location
CS05b	15-Jun-22	1981	Longnose Sucker	241	158		900228000464707				
CS05b	15-Jun-22	1982	Largescale Sucker	415	896		900230000259611				Peace River Upstream Release Location
CS05b	15-Jun-22	1983	Longnose Sucker	379	652		900230000159952				Peace River Upstream Release Location
CS05b	15-Jun-22	1984	Longnose Sucker	390	666		900230000258685				Peace River Upstream Release Location
CS05b	15-Jun-22	1985	Largescale Sucker	422	891		900230000259048				Peace River Upstream Release Location
CS05b	15-Jun-22	1986	Largescale Sucker	412	891		900230000258220				Peace River Upstream Release Location
CS05b	15-Jun-22	1987	Bull Trout	488	1231	Finray	900230000258004		DNA-2022-0092		Halfway River Release Location
CS05b	15-Jun-22	1988	Rainbow Trout	418	789		900230000259402		DNA-2022-0093		Peace River Upstream Release Location
CS05b	15-Jun-22	1989	Arctic Grayling	303	275		900230000259724		DNA-2022-0094	240	Peace River Upstream Release Location
CS02b	15-Jun-22	1992	Largescale Sucker	508	1707		900230000259705				Peace River Upstream Release Location
CS02b	15-Jun-22	1993	Longnose Sucker	263	230		900228000681012				Peace River Upstream Release Location

...continued.



Table B1: Continued.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location
CS02b	15-Jun-22	1994	Longnose Sucker	389	685		900230000258328				Peace River Upstream Release Location
CS02b	15-Jun-22	1995	White Sucker	414	912		900230000266539				Peace River Upstream Release Location
CS02b	15-Jun-22	1996	Longnose Sucker	386	678		900230000258650				Peace River Upstream Release Location
CS02b	15-Jun-22	1997	Largescale Sucker	454	995		900230000158864				Peace River Upstream Release Location
CS02b	15-Jun-22	1998	Longnose Sucker	337	421		900230000259284				Peace River Upstream Release Location
CS02b	15-Jun-22	1999	Largescale Sucker	416	981		900230000259092				Peace River Upstream Release Location
CS02b	15-Jun-22	2000	Largescale Sucker	415	901		900230000258639				Peace River Upstream Release Location
CS02b	15-Jun-22	2001	Northern Pikeminnow	306	282						
CS02b	15-Jun-22	2002	Longnose Sucker	352	539		900230000259380				Peace River Upstream Release Location
CS02b	15-Jun-22	2003	Longnose Sucker	325	417		900230000207140				Peace River Upstream Release Location
CS02b	15-Jun-22	2004	Longnose Sucker	310	370		900230000258900				Peace River Upstream Release Location
CS02b	15-Jun-22	2005	Longnose Sucker	304	337		900230000258212				Peace River Upstream Release Location
CS02b	15-Jun-22	2006	Longnose Sucker	266	225		900228000463395				Peace River Upstream Release Location
CS02b	15-Jun-22	2007	Longnose Sucker	288	266		900228000469552				Peace River Upstream Release Location
CS02b	15-Jun-22	2008	Longnose Sucker	329	458		900230000210647				Peace River Upstream Release Location
CS02b	15-Jun-22	2009	White Sucker	298	314		900228000464633				Peace River Upstream Release Location
CS02b	15-Jun-22	2010	Largescale Sucker	275	254		900228000465519				Peace River Upstream Release Location
CS02a	15-Jun-22	2012	Northern Pikeminnow	500	1591						
CS02a	15-Jun-22	2013	Longnose Sucker	367	634		900230000258559				Peace River Upstream Release Location
CS02a	15-Jun-22	2014	Largescale Sucker	448	1026		900230000258015				Peace River Upstream Release Location
CS02a	15-Jun-22	2015	Northern Pikeminnow	430	874						
CS02a	15-Jun-22	2016	Largescale Sucker	434	1069		900230000266176				Peace River Upstream Release Location
CS02a	15-Jun-22	2017	White Sucker	463	1425		900230000159198				Peace River Upstream Release Location
CS02a	15-Jun-22	2018	Northern Pikeminnow	414	849						
CS02a	15-Jun-22	2019	Longnose Sucker	312	393		900230000258804				Peace River Upstream Release Location
CS02a	15-Jun-22	2020	Largescale Sucker	510	1705		900230000268525				Peace River Upstream Release Location
CS02a	15-Jun-22	2021	White Sucker	455	1288		900230000268205				Peace River Upstream Release Location
CS02a	15-Jun-22	2022	Longnose Sucker	444	1022		900230000126346				Peace River Upstream Release Location
CS02a	15-Jun-22	2023	Largescale Sucker	447	992		900230000204046				Peace River Upstream Release Location
CS02a	15-Jun-22	2024	Largescale Sucker	393	701		900230000258763				Peace River Upstream Release Location
CS02a	15-Jun-22	2025	Longnose Sucker	450	1056		900230000259236				Peace River Upstream Release Location
CS02a	15-Jun-22	2026	Longnose Sucker	431	940		900230000259727				Peace River Upstream Release Location
CS02a	15-Jun-22	2027	Longnose Sucker	430	938		900230000258567				Peace River Upstream Release Location
CS02a	15-Jun-22	2028	Longnose Sucker	448	1291		900230000268167				Peace River Upstream Release Location
CS02a	15-Jun-22	2029	Longnose Sucker	377	643		900230000268323				Peace River Upstream Release Location
CS02a	15-Jun-22	2030	Largescale Sucker	379	633		900230000262191				Peace River Upstream Release Location
CS02a	15-Jun-22	2031	Walleye	471	885	Finray	900230000211272				
CS02a	15-Jun-22	2032	Longnose Sucker	398	683		900230000268373				Peace River Upstream Release Location
CS02a	15-Jun-22	2033	Largescale Sucker	390	780		900230000204604				Peace River Upstream Release Location
CS02a	15-Jun-22	2034	Longnose Sucker	322	399		900230000258556				Peace River Upstream Release Location
CS02a	15-Jun-22	2035	Longnose Sucker	343	472		900230000259690				Peace River Upstream Release Location
CS02a	15-Jun-22	2036	Longnose Sucker	277	240		900228000469610				Peace River Upstream Release Location
CS02a	15-Jun-22	2037	Longnose Sucker	247	174		900228000461190				
CS02a	15-Jun-22	2038	Longnose Sucker	253	180		900228000469141				Peace River Upstream Release Location
CS02a	15-Jun-22	2039	Longnose Sucker	258	183		900228000460963				Peace River Upstream Release Location
CS02a	15-Jun-22	2040	Redside Shiner	103	12						
CS02a	15-Jun-22	2041	White Sucker	231	133		900228000468299				
CS06b	15-Jun-22	2043	Northern Pikeminnow	483	1117						
CS06b	15-Jun-22	2044	Largescale Sucker	446	1071		900230000258073				Peace River Upstream Release Location
CS06b	15-Jun-22	2045	Largescale Sucker	392	717		900230000258362				Peace River Upstream Release Location
CS06b	15-Jun-22	2046	Largescale Sucker	496	1530		900230000259558				Peace River Upstream Release Location
CS06b	15-Jun-22	2047	Largescale Sucker	477	1562		900230000258495				Peace River Upstream Release Location
CS06b	15-Jun-22	2048	Largescale Sucker	519	1984		900230000259372				Peace River Upstream Release Location
CS06b	15-Jun-22	2049	Mountain Whitefish	252	147	Scales	900228000464571				
CS06b	15-Jun-22	2050	Largescale Sucker	306	344		900230000259519				Peace River Upstream Release Location
CS06b	15-Jun-22	2051	Mountain Whitefish	274	191	Scales	900228000439103				
CS06b	15-Jun-22	2052	White Sucker	251	201		900228000469075				Peace River Upstream Release Location
CS06b	15-Jun-22	2053	Largescale Sucker	431	923		900230000269431				Peace River Upstream Release Location
CS06b	15-Jun-22	2054	Longnose Sucker	405	742		900230000258632				Peace River Upstream Release Location
CS06b	15-Jun-22	2055	Largescale Sucker	532	1743		900230000269108				Peace River Upstream Release Location
CS06b	15-Jun-22	2056	Longnose Sucker	381	677		900230000266653				Peace River Upstream Release Location
CS06b	15-Jun-22	2057	Largescale Sucker	322	416		900230000266501				Peace River Upstream Release Location
CS06b	15-Jun-22	2058	Mountain Whitefish	325	298	Scales	900230000077700				
CS06b	15-Jun-22	2059	Longnose Sucker	313	400		900230000206694				Peace River Upstream Release Location
CS06b	15-Jun-22	2060	Longnose Sucker	465	1119		900230000127140				Peace River Upstream Release Location
CS06b	15-Jun-22	2061	Longnose Sucker	390	684		982126057511829				Peace River Upstream Release Location
CS06b	15-Jun-22	2062	Longnose Sucker	377	617		900230000262079				Peace River Upstream Release Location
CS06b	15-Jun-22	2063	Largescale Sucker	426	875		900230000259698				Peace River Upstream Release Location
CS06b	15-Jun-22	2064	Longnose Sucker	458	1040		900230000259345				Peace River Upstream Release Location
CS06b	15-Jun-22	2065	Longnose Sucker	421	915		900230000259250				Peace River Upstream Release Location
CS06b	15-Jun-22	2066	Largescale Sucker	511	1570		900230000258418				Peace River Upstream Release Location
CS06b	15-Jun-22	2067	Longnose Sucker	408	856		900230000268800				Peace River Upstream Release Location
CS06b	15-Jun-22	2068	Largescale Sucker	435	1021		900230000258030				Peace River Upstream Release Location
CS06b	15-Jun-22	2069	Longnose Sucker	270	212		900228000463515				Peace River Upstream Release Location
CS06b	15-Jun-22	2070	Northern Pikeminnow	396	740						
CS06b	15-Jun-22	2071	Longnose Sucker	384	656		900230000259218				Peace River Upstream Release Location
CS06b	15-Jun-22	2072	Largescale Sucker	460	993		900230000268670				Peace River Upstream Release Location
CS06b	15-Jun-22	2073	Largescale Sucker	514	1714		900230000205488				Peace River Upstream Release Location
CS06b	15-Jun-22	2074	Longnose Sucker	300	349		900230000259396				Peace River Upstream Release Location
CS06b	15-Jun-22	2075	Longnose Sucker	316	353		900230000159499				Peace River Upstream Release Location
CS06b	15-Jun-22	2076	Largescale Sucker	418	836		900230000258829				Peace River Upstream Release Location
CS06b	15-Jun-22	2077	Longnose Sucker	321	404		900230000258149				Peace River Upstream Release Location
CS06b	15-Jun-22	2078	Longnose Sucker	246	155		900228000469559				
CS06b	15-Jun-22	2079	Longnose Sucker	400	789		900230000268936				Peace River Upstream Release Location
CS06b	15-Jun-22	2080	Longnose Sucker	384	702		900230000269217				Peace River Upstream Release Location
CS06b	15-Jun-22	2081	Longnose Sucker	458	1157		900230000269658				Peace River Upstream Release Location
CS06b	15-Jun-22	2082	Largescale Sucker	503	1709		900230000258705				Peace River Upstream Release Location
CS06b	15-Jun-22	2083	Longnose Sucker	454	1124		981098104937175				Peace River Upstream Release Location
CS06b	15-Jun-22	2084	Longnose Sucker	401	754		900230000266637				Peace River Upstream Release Location
CS06b	15-Jun-22	2085	Longnose Sucker	443	877		900230000258963				Peace River Upstream Release Location
CS06b	15-Jun-22	2086	Longnose Sucker	422	774		900230000258214				Peace River Upstream Release Location
CS06b	15-Jun-22	2087	White Sucker	496	1498		900230000258458				Peace River Upstream Release Location
CS06b	15-Jun-22	2088	Longnose Sucker	240	158		900228000465687				
CS06b	15-Jun-22	2089	Longnose Sucker	322	440		900230000259732				Peace River Upstream Release Location
CS06b	15-Jun-22	2090	Longnose Sucker	368	501		900230000266656				Peace River Upstream Release Location
CS06b	15-Jun-22	2091	Longnose Sucker	385	696		900230000268413				Peace River Upstream Release Location
CS06b	15-Jun-22	2092	Longnose Sucker	325	390		900230000258478				Peace River Upstream Release Location
CS06b	15-Jun-22	2093	Longnose Sucker	398	691		900230000206919				Peace River Upstream Release Location
CS06b	15-Jun-22	2094	Longnose Sucker	323	402		900230000268281				Peace River Upstream Release Location
CS06b	15-Jun-22	2095	Longnose Sucker	262	212		900228000469959				Peace River Upstream Release Location
CS06b	15-Jun-22	2096	Largescale Sucker	401	841		900230000258865				Peace River Upstream Release Location
CS06b	15-Jun-22	2097	Largescale Sucker	460	1154		900230000269642				Peace River Upstream Release Location

...continued.

Table B1: Concluded.

Site <sup>a</sup>	Sample Date	Sample Number	Species	Length (mm)	Weight (g)	Ageing Structure	PIT Tag #1	PIT Tag #2	DNA Sample Number	Radio Tag Number	Release Location	
CS06b	15-Jun-22	2098	Largescale Sucker	547	1769		900230000159453		DNA-2022-0095		Peace River Upstream Release Location	
CS06b	15-Jun-22	2099	Longnose Dace	81	6							
CS06b	15-Jun-22	2100	Longnose Sucker	360	610		900230000258282					Peace River Upstream Release Location
CS06b	15-Jun-22	2101	Largescale Sucker	377	661		900230000268966					Peace River Upstream Release Location
CS06b	15-Jun-22	2102	Longnose Sucker	441	978		900230000207608					Peace River Upstream Release Location
CS06b	15-Jun-22	2103	Longnose Sucker	406	747		900230000268392					Peace River Upstream Release Location
CS06b	15-Jun-22	2104	Longnose Sucker	426	872		900230000259015					Peace River Upstream Release Location
CS06b	15-Jun-22	2105	Longnose Sucker	366	573		900230000258129					Peace River Upstream Release Location
CS06b	15-Jun-22	2106	Longnose Sucker	385	734		900230000259612					Peace River Upstream Release Location
CS06b	15-Jun-22	2107	Longnose Sucker	349	555		900230000259147					Peace River Upstream Release Location
CS06b	15-Jun-22	2108	Longnose Sucker	380	676		900230000259333					Peace River Upstream Release Location
CS06b	15-Jun-22	2109	Longnose Sucker	381	606		900230000258203					Peace River Upstream Release Location
CS01a	09-Aug-22	2337	Longnose Sucker	444	940		900230000267540					
CS01a	09-Aug-22	2338	Mountain Whitefish	126	23	Scales						
CS01a	09-Aug-22	2339	Mountain Whitefish	261	189	Scales	900228000460553					Peace River Upstream Release Location
CS01a	09-Aug-22	2340	White Sucker	364	546		900230000259488					
CS01a	09-Aug-22	2341	Mountain Whitefish	415	673	Scales	900230000266819				Peace River Upstream Release Location	
CS01a	09-Aug-22	2342	Mountain Whitefish	319	274	Scales	900230000266811				Peace River Upstream Release Location	
CS01a	09-Aug-22	2343	Mountain Whitefish	282	192	Scales	900228000469398				Peace River Upstream Release Location	
CS01a	09-Aug-22	2344	Bull Trout	725	3997	Finray	900230000258380		DNA-2022-1397		Halfway River Release Location	
CS01a	09-Aug-22	2345	Mountain Whitefish	249	152	Scales	900228000463590					Peace River Upstream Release Location
CS01a	09-Aug-22	2346	Mountain Whitefish	140	25	Scales						
CS01a	09-Aug-22	2347	Mountain Whitefish	310	242	Scales	900230000258778					Peace River Upstream Release Location
CS01a	09-Aug-22	2348	Redside Shiner	91	9							
CS01a	09-Aug-22	2349	Mountain Whitefish	300	318	Scales	900230000258254					Peace River Upstream Release Location
CS01a	09-Aug-22	2350	Longnose Sucker	345	465		900230000258546					
CS01a	09-Aug-22	2351	Mountain Whitefish	253	160	Scales	900228000468034					Peace River Upstream Release Location
CS01a	09-Aug-22	2352	Mountain Whitefish	232	164	Scales	900228000469309					Peace River Upstream Release Location
CS01a	09-Aug-22	2353	White Sucker	403	742		900230000259840					
CS01a	09-Aug-22	2354	Largescale Sucker	477	1262		900230000032872					
CS01a	09-Aug-22	2355	Largescale Sucker	577	1670		900230000258782					
CS01a	09-Aug-22	2356	Longnose Sucker	412	769		900230000267636					
CS01a	09-Aug-22	2357	Mountain Whitefish	393	695	Scales	900230000258071					Peace River Upstream Release Location
CS01a	09-Aug-22	2358	Mountain Whitefish	334	269	Scales	900230000266604					Peace River Upstream Release Location
CS01a	09-Aug-22	2359	Walleye	440	927	Finray	900230000259938					
CS01a	09-Aug-22	2360	White Sucker	452	1226		981098104941677					
CS01a	09-Aug-22	2361	Mountain Whitefish	315	243	Scales	900230000258440				Peace River Upstream Release Location	
CS01a	09-Aug-22	2364	Longnose Sucker		162		900228000463603					
CS01a	09-Aug-22	2365	Mountain Whitefish	304	241	Scales	900230000159681				Peace River Upstream Release Location	
CS01a	09-Aug-22	2366	Mountain Whitefish	292	220	Scales	900228000465635				Peace River Upstream Release Location	
CS01a	09-Aug-22	2367	Longnose Sucker	446	973		982126057511897					
CS01a	09-Aug-22	2368	Northern Pikeminnow	245	154							
CS01a	09-Aug-22	2369	Mountain Whitefish	238	132	Scales	900228000461385				Peace River Upstream Release Location	
CS01a	09-Aug-22	2370	Mountain Whitefish	244	133	Scales	900228000460506				Peace River Upstream Release Location	
CS01a	09-Aug-22	2371	Northern Pikeminnow	317	313							
CS01a	09-Aug-22	2372	Bull Trout	558	1655		900230000263041				Halfway River Release Location	
CS01a	09-Aug-22	2373	Slimy Sculpin	594	1922		900230000262334			163	Halfway River Release Location	
CS02a	09-Aug-22	2375	Rainbow Trout	340	415	Scales	900230000267300		DNA-2022-1398		Peace River Upstream Release Location	
CS02a	09-Aug-22	2376	Largescale Sucker	440	1017		900230000266967					

**APPENDIX C**

**Release Summary**

Table C1: Summary of upstream fish release events during Site C contingent boat electroshocking surveys, 9 April to 9 August 2022.

Date	Session	Initial Load Time	Release Site <sup>a</sup>	At Departure			At Midway			At Release Site			Receiving Water		Verified Oxygen Operational	Stresscoat Added	Release Summary										
				Departure Time	Water Temp (°C)	DO (mg/L)	Time	Water Temp (°C)	DO (mg/L)	Release Time	Water Temp (°C)	DO (mg/L)	Water Temp (°C)	DO (mg/L)			Arctic Grayling	Bull Trout	Largescale Sucker	Longnose Sucker	Mountain Whitefish	Rainbow Trout	White Sucker	Total			
09-Apr	1	10:18	Peace River Upstream	16:00	3.0						16:18	3.5		3.0		Y	Y	1	8	15	1		1				26
14-Apr	2	13:25	Peace River Upstream	15:12	2.4	23.0					15:25	2.5	23.7	2.6	11.4	Y	Y		3	1							4
23-Apr	3	13:20	Peace River Upstream	17:21	4.5	33.6					17:35	4.6	27.6	4.3	9.9	Y	Y	1	6	12	1		1	1			22
28-Apr	4	13:55	Peace River Upstream	15:04	3.3	21.6					16:35	3.3	25.4	3.3	11.1	Y	Y			3	1		1				5
28-Apr	4	15:00	Moberly River	15:04	3.3	24.6					15:25	3.3	25.4	3.3	11.1	Y	Y	1									1
29-Apr	4	10:40	Peace River Upstream	14:22	3.4	37.8					14:42	3.4	33.4	3.6	10.0	Y	Y		3	5	2			1			11
05-May	5	10:25	Peace River Upstream	11:42	4.8	30.0					11:57	4.9	29.0	4.9	10.4	Y	Y			4	3		1				8
05-May	5	10:45	Halfway River	11:49	4.7	12.9	12:30	4.7	13.6		12:51	4.7	14.3	5.3	9.7	Y	Y		1								1
04-May	5	17:05	Moberly River	17:33	6.0	9.2					17:50	5.6	8.8	4.5	8.4	Y	Y	1									1
04-May	5	12:51	Halfway River	16:38	5.2	19.6	17:22	5.3	18.3		17:47	5.3	18.1	5.7	10.2	Y	Y		5								5
04-May	5	14:20	Moberly River	15:24	6.0	13.0					15:45	11.9	8.5	7.6	9.8	Y	Y	4									4
04-May	5	11:40	Peace River Upstream	17:33	6.0	36.5					18:00	6.0	30.2	5.1	9.2	Y	Y			16	6		5				27
12-May	6	12:55	Halfway River	14:10	5.1	24.4	14:55	5.2	21.7		15:16	5.2	20.3	7.9	8.2	Y	Y		3								3
12-May	6	10:40	Peace River Upstream	14:16	5.2	33.6					14:40	5.3	30.2	5.6	9.5	Y	Y	1		19	12		5	1			38
11-May	6	10:45	Peace River Upstream	16:00	6.2	31.4					16:15	6.3	27.9	6.8	9.2	Y	Y	2		30	13			4			49
18-May	7	13:45	Halfway River	15:42	7.0	12.8	16:28	7.1	11.7		16:50	7.1	11.6	9.7	8.9	Y	Y		8								8
19-May	7	11:55	Peace River Upstream	15:05	5.7	29.3					15:25	5.7	27.9	5.9	9.7	Y	Y	2		20	15		1				38
18-May	7	10:18	Peace River Upstream	16:58	7.2	27.3					17:16	7.3	23.4	7.2	8.5	Y	Y			64	25		1	2			92
19-May	7	14:10	Halfway River	15:04	5.6	11.9	15:48	5.5	13.2		16:12	5.5	12.0	7.7	9.6	Y	Y		1								1
25-May	8	9:01	Peace River Upstream	15:57							16:21	7.5	20.0	7.6	10.0	Y	Y	3		104	31		3	3			144
25-May	8	9:30	Halfway River	15:49	7.2	9.7	16:40	7.3	8.6		17:04	7.3	8.1	11.4	8.3	Y	Y		9								9
24-May	8	11:57	Peace River Upstream	16:02	8.5	21.4					16:21	8.6	19.9	9.8	8.6	Y	Y			39	42			6			87
24-May	8	12:35	Halfway River	16:00	10.4	16.7	16:39	9.0	15.5		17:01	9.1	14.4	12.1	8.5	Y	Y		7								7
02-Jun	9	10:15	Halfway River	12:18	9.5	18.1	12:43	9.7	17.4		13:25	9.8	16.7	11.3	8.5	Y	Y		1								1
01-Jun	9	10:15	Peace River Upstream	16:29	11.4	15.2					17:05	11.4	17.7	11.5	8.7	Y	Y	1		54	42			4			101
01-Jun	9	13:30	Halfway River	16:12	10.9	15.1	16:46	11.1	13.8		17:24	11.1	9.1	12.1	8.2	Y	Y		5								5
02-Jun	9	8:55	Peace River Upstream	12:26	10.1	17.0					12:46	10.1	13.6	10.2	9.1	Y	Y			37	108		1	9			155
07-Jun	10	11:40	Halfway River	14:18	10.7	18.0	15:12	10.8	18.0		15:36	10.8	18.1	10.6	8.7	Y	Y		2								2
07-Jun	10	10:00	Peace River Upstream	14:37	10.6	16.9					14:56	10.6	12.3	10.9	8.7	Y	Y			28	38		1	8			75
08-Jun	10	11:08	Halfway River	15:17	11.2	14.2	15:50	11.3	13.9		16:30	11.3	13.0	10.9	8.6	Y	Y		2								2
08-Jun	10	10:05	Peace River Upstream	15:32	11.7	8.1					15:48	11.8	8.0	11.1	8.8	Y	Y	1		76	102		1	9			189
14-Jun	11	10:25	Halfway River	17:47	12.2	15.7	18:39	12.3	15.3		19:07	12.3	14.6	12.3	8.9	Y	Y		2								2
14-Jun	11	15:46	Peace River Upstream	18:00	13.2	5.8					18:18	13.2	6.5	13.4	8.3	Y	Y			72	106			9			187
15-Jun	11	11:45	Halfway River	14:58	12.1	11.0	15:38	12.2	11.4		16:09	12.2	11.4	12.5	8.3	Y	Y		1								1
15-Jun	11	10:05	Peace River Upstream	14:50	12.3	18.2					15:07	12.4	14.8	13.7	8.1	Y	Y	1		53	89		2	9			154
09-Aug	12	16:30	Halfway River	17:43	14.2	19.6	18:27	14.3	17.4		19:00	14.4	15.0	17.1	7.8	Y	Y		3								3
09-Aug	12	16:20	Peace River Upstream	17:58	13.7	23.9					18:17	13.8	20.6	14.0	8.0	Y	Y					16	1				17
<b>Total</b>																		<b>19</b>	<b>70</b>	<b>652</b>	<b>637</b>	<b>16</b>	<b>25</b>	<b>66</b>			<b>1485</b>

<sup>a</sup> See Figure 1 for release locations.