SITE C FISHERIES STUDIES
HALFWAY RIVER AND MOBERLY RIVER FALL MOUNTAIN WHITEFISH MIGRATION AND SPAWNING STUDY
2009

Prepared for

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August 2010

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Citation: Mainstream Aquatics Ltd. 2010. Site C fisheries studies – Halfway River and Moberly River fall mountain whitefish migration and spawning study 2009. Prepared for BC Hydro. Report No. 09008CF: 31 p. + appendices.

NOTIFICATION

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EXECUTIVE SUMMARY

BC Hydro is considering the Peace River Site C Hydroelectric Project (Site C) in north eastern British Columbia as a potential resource option to help meet BC's future electricity needs. BC Hydro is taking a stage-by-stage approach to the evaluation of Site C and is currently in Stage 2, Project Definition, and Consultation. Fisheries studies are presently underway to add to existing baseline information and to address data gaps.

Fish studies in fall 2008 that included boat electrofisher fish sampling, fish traps, and egg surveys indicated that mountain whitefish from the Peace River spawned in the Halfway River and the Moberly River. Although mountain whitefish use these Peace River tributaries for spawning, the relative importance of these systems to the Peace River mountain whitefish population remained unclear.

In 2009, upstream and downstream fish traps were placed on the Moberly River from 23 September to 24 October to enumerate fish. Kick net surveys for mountain whitefish eggs were completed on large sections of the Halfway River and Moberly River to ascertain the distribution of mountain whitefish spawning sites.

During the 2009 study, water temperature and river discharge of the Moberly River and Halfway River were within the range expected for mountain whitefish spawning activity. River discharge was at or approaching base flow in both tributaries. Water temperatures rapidly declined during the study period and reached 0^{o}C by mid-October. This caused surface and frazil ice formation on the Moberly River and Halfway River. These conditions prevented full operation of fish traps on the Moberly River, hindered effective egg surveys on both systems, and prevented the scheduled snorkel survey on the Moberly River. Despite these conditions fish traps were fully operational for 28 of the 31 sample days and eggs surveys on the Moberly River and Halfway River were completed.

In total, 3,097 fish were collected in fish traps on the Moberly River. A total of 14 species were recorded. Young mountain whitefish (53 fish) accounted for 18.2 % of the downstream catch in the small fish hoop net; redside shiner and longnose sucker were the other numerically important species. Adult mountain whitefish (112 fish) accounted for 15.2 % of the downstream catch of the large fish trap; longnose sucker was the other numerically dominant species. In the upstream large fish trap, 2,050 adult mountain whitefish were captured, which represented 99.1 % of that sample.

The majority of adult mountain whitefish in the fish traps were in spawning condition at the time of capture and the size distribution of fish was consistent with the size distribution of the adult cohort of the Peace River mountain whitefish population. In total, 104 mountain whitefish previously marked and released in the Peace River were recaptured in the fish traps. The recaptured fish traveled as far as 80 km downstream and 25 km upstream to access the Moberly River.

In total, 67 sites on the Moberly River and 133 sites on the Halfway River were examined for the presence of mountain whitefish eggs. Surveys on both tributaries located sites containing mountain whitefish eggs. In the Moberly River, eggs were recorded at many sites that were widely distributed within the sampled section. The egg survey on the Halfway River recorded a small number of sites that contained eggs, but these sites also were widely distributed. The findings indicate that mountain whitefish spawning activity is widespread in the Moberly River and the Halfway River.

The results of the present study were consistent with findings made by the 2008 investigation. The second year of data improves the baseline data set and increases the certainty regarding our understanding of the ecology of Peace River fish populations.

ACKNOWLEDGEMENTS

This report was produced for Bruce Mattock and Hugh Smith of BC Hydro. Kim Hawkins of BC Hydro Water License Requirements provided Peace River water temperature data and Patty McKenna of BC Hydro Photogrammetry Services provided BC Ministry Trim maps of the study area.

The following Mainstream Aquatics Ltd. personnel participated in the program:

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1.0 INTRODUCTION

1.1 BACKGROUND

BC Hydro is considering the Peace River Site C Hydroelectric Project (Site C) in north eastern British Columbia as a potential resource option to help meet BC's future electricity needs. BC Hydro is taking a stage-by-stage approach to the evaluation of Site C. BC Hydro is currently in Stage 2, Project Definition, and Consultation. Fisheries studies are presently underway to add to existing baseline information and to address data gaps that have been identified.

In 2008, baseline fish studies concluded that mountain whitefish that originate from the Peace River spawn in the Moberly River and Halfway River (Mainstream 2009). Mountain whitefish in spawning condition were captured by boat electrofisher on the Halfway River and by fish trap on the Moberly River. Size distributions and recapture of fish originally marked in the Peace River provided evidence that the spawning mountain whitefish originated from the Peace River. An egg survey on the Moberly River provided evidence that mountain whitefish spawning sites were widely distributed; however, the extent of mountain whitefish spawning was not established in the Halfway River due to low numbers of recovered eggs.

In 2009, Mainstream Aquatics Ltd. was contracted by BC Hydro to continue the assessment of fish use of the Halfway River and the Moberly River in fall. The primary goals were to obtain a better understanding of the number of mountain whitefish that enter the Moberly River to spawn and the extent of mountain whitefish spawning in the Halfway River.

1.2 PURPOSE AND OBJECTIVES

The purpose of the study was to collect baseline fisheries information to describe fish use of the Halfway River and Moberly River in fall with the primary focus being spawning mountain whitefish.

The objectives of the study were as follows:

- Monitor fish traps on the Moberly River in fall to determine the magnitude, duration, and timing of upstream and downstream movements, with emphasis on spawning mountain whitefish.
- Conduct egg surveys on the Moberly River and Halfway River to document the distribution of mountain whitefish spawning sites.
- Conduct snorkel surveys to document the presence and distribution of overwintering adult fish in the Moberly River. This objective was not completed due to the presence of surface ice on the Moberly River.

1.3 STUDY AREA

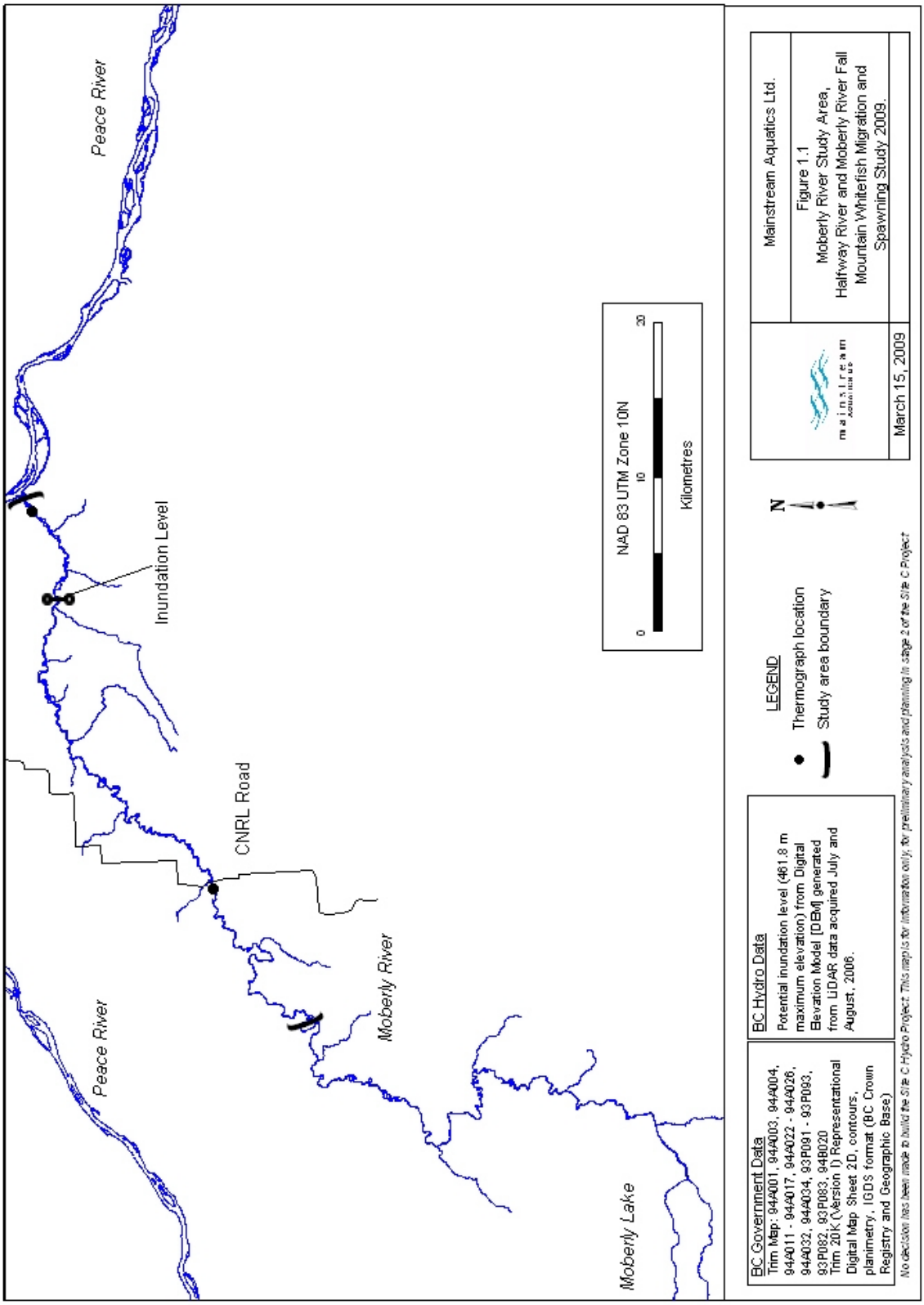
The study area consisted of the mainstem sections of the Moberly River (Figure 1.1) and the Halfway River (Figure 1.2).

The Halfway River study area included the 121 km section of river between the confluence with the Chowade River (Km 131) and the confluence with the Peace River. On the Moberly River, the study area consisted of a 65 km section of river from 22 km upstream of the Canadian Natural Resources Ltd. bridge downstream to the confluence with the Peace River.

As with previous studies (Mainstream 2009), these two watercourses were stratified into Upstream and Downstream sections based on the predicted inundation level of the potential Site C reservoir. Inundation zones were located 14 km on the Halfway River and 10 km on the Moberly River upstream from the confluence with the Peace River (AMEC and LGL 2007).

1.4 STUDY PERIOD

The study was completed between 23 September and 24 October 2009.


Peace River
Inundation Level
CNRL Road
Moberly River
Peace River
Moberly Lake
NAD 83 UTM Zone 10N
0
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Kilometres
LEGEND
Thermograph location
Study area boundary
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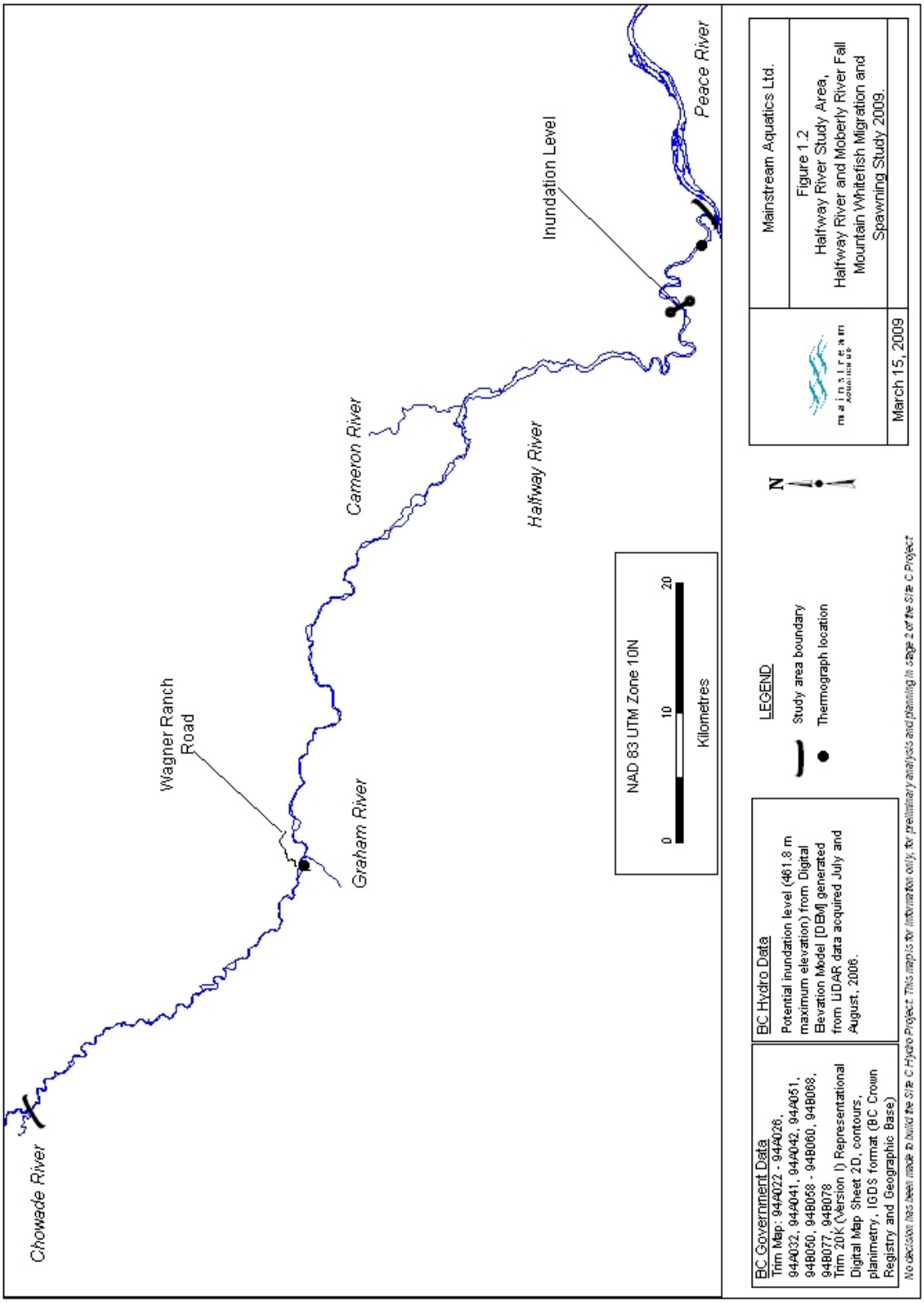
BC Government Data
Trim Map: 94A001, 94A003, 94A004, 94A011 - 94A017, 94A022 - 94A026, 94A032, 94A034, 93P091 - 93P093, 93P082, 93P083, 94B020
Trim 20K (Version I) Representational Digital Map Sheet 2D, contours, planimetry, IGDS format (BC Crown Registry and Geographic Base)
BC Hydro Data
Potential inundation level (461.8 m maximum elevation) from Digital Elevation Model [DEM] generated from LiDAR data acquired July and August, 2006.
No decision has been made to build the Site C Hydro Project. This map is for information only, for preliminary analysis and planning in stage 2 of the Site C Project
Mainstream Aquatics Ltd.
Figure 1.1
Moberly River Study Area,
Halfway River and Moberly River Fall Mountain Whitefish Migration and Spawning Study 2009.
March 15, 2009


Chowade River
Wagner Ranch Road
Graham River
Cameron River
Halfway River
Inundation Level
Peace River
NAD 83 UTM Zone 10N
0
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Kilometres
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Study area boundary
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Mainstream Aquatics Ltd.
Figure 1.2
Halfway River Study Area,
Halfway River and Moberly River Fall Mountain Whitefish Migration and Spawning Study 2009.
March 15, 2009

2.0 METHODS

2.1 FIELD

2.1.1 Fish Traps

The Moberly River fish fence and traps were placed near the Peace River confluence immediately upstream of the Peace River inundation level. The specific location was selected in order to maximize sample effectiveness and to capture upstream migrants before spawning was initiated.

Two types of fish traps/fences were used during the study (Plate 1). Two box traps and a single conduit fish fence were used to enumerate larger-sized fish (≥200 mm fork length) moving upstream and downstream through the site (Plates 2 and 3). A single small mesh hoop trap and barrier net was used to capture smaller-sized fish moving downstream through the site (Plate 4).

The box traps, which were identical to those used in 2008 (Mainstream 2009), consisted of reinforced angle iron frames measuring 1.0 m x 1.8 m x 0.9 m. The sides parallel to the current and the bottom were covered with 13 mm Tenax® plastic mesh. The back of each trap consisted of 13 mm diameter aluminum rods set 20 mm apart. This design was used to allow the quick removal of the rods to facilitate flow through of debris accumulation. The entrance of the traps consisted of a 45^{o} funnel formed by 13 mm diameter aluminum rods set 20 mm apart. The apex of the funnel had an 8 cm space to allow fish entry into the trap. A wooden lid facilitated access to each of the traps. Box traps were positioned in the thalweg of the streambed (0.6 to 0.7 m water depth).

The fish fence consisted of several panels containing aluminum conduits (3.0 m long x 1.5 m wide; 13 mm conduit spacing) supported by triangle framed wooden supports set at 1.5 m intervals. Fish fence panels were placed on either side of the fish trap and extended across the entire wetted channel. The rods within each panel conformed to the channel bottom, which prevented fish passage under the fence. Debris accumulation was cleaned from the panels by removing the rods, and the panel and frame had sufficient strength to withstand high water flows. To allow boat traffic, one section of the fish fence was a barrier net (6 mm mesh). This section was easily removable in the event a boat required passage up or downstream past the sampling site.

A hoop trap and barrier net were deployed in a shallow water (0.25 m depth) low velocity area immediately upstream of the large fish traps and targeted small fish moving downstream. The hoop net was 3.8 m long and consisted of a series of five rings connected with two funnels that terminated in a cod

end. The rings were 0.8 m in diameter with a distance of 0.8 m between each ring with throat openings of 0.2 m. The frame was enclosed in 6 mm mesh; zippers were located between hoops to facilitate fish removal. The cod end also had an opening, which was tied off to prevent fish from escaping. Barrier net wings (7.6 m long x 1.2 m wide; 13 mm mesh) were placed on either side of the hoop net in order to funnel fish into the net. The wings, which were secured to the river bottom with large rocks, were set diagonally to the current across approximately 65 % of the channel.

Plate 1: Fish fence, traps and hoop net on Moberly River, fall 2009.

Plate 2: Upstream box trap and conduit fence on Moberly River, fall 2009.

Plate 3: Downstream box trap on Moberly River, fall 2009.

Plate 4: Hoop net on the Moberly River, fall 2009.

Fish traps were continually monitored. Traps were checked twice daily, morning and evening, and sometimes more often depending on fish numbers.

All captured fish were held in a holding tank for processing. Data recorded during each check included date and time, species and number captured, fork length (to nearest mm), sexual maturity by external examination of condition (gravid, ripe, spent), and the presence of a tag. Once fish were processed they were released in a calm water area along the channel margin in the direction of travel in which they were captured.

2.1.2 Fish Trap Effort

Fish traps were deployed and operational in the Moberly River starting 23 September 2009 (Table 2.1). The intent of the program was to continuously monitor traps for 40 days during the period of expected adult mountain whitefish movement in the Moberly River. An intense cold period that resulted in ice formation during the trapping period (Plate 5) forced temporary suspension of the program. The traps and fence were not operational from 11 to 14 October, which allowed fish to pass the site. The traps and fence were reactivated on 15 October and were fully operational until 24 October. The fish trapping program was terminated on this date due to a second cold period and subsequent ice formation on the Moberly River.

Table 2.1 Fish trap sample effort, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Fish Group	Trap Type	Set Date	Dates Not Fully Operational	Demobilization Date	Sampled Days
Large Fish	Upstream Box Trap	22 Sept.	12 - 14 Oct.	24 Oct.	30
	Downstream Box Trap	22 Sept.	12 - 14 Oct.	24 Oct.	30
Small Fish	Downstream Hoop Net	23 Sept.	12 - 14 Oct.	24 Oct.	29

Plate 5: Ice damming at the fish fence on the Moberly River, fall 2009.

2.1.3 Mountain Whitefish Egg Survey

A mountain whitefish egg survey was completed by two-person crews on the Halfway River from 14 to 24 October. The majority of the Halfway River was investigated; the portion not surveyed for eggs was a 9 km section immediately upstream of the Graham River. Two surveys were completed on the Moberly River. The first, which encompassed 50 km of river starting at the Peace River confluence, was completed from 15 to 19 October. Because few eggs were located during the first survey it was repeated from 20 to 24 October. The second survey encompassed the 50 km section inventoried during the first survey and an additional 15 km upstream of the first survey zone. Surveys were conducted by first identifying sites in suitable mountain whitefish spawning habitat in the field based on characteristics quantified by RL&L (1999).

Criteria for mountain whitefish spawning site selection were as follows:

- water depths of 0.5 m to 1.2 m
- water velocities of 0.2 m/s to 0.8 m/s
- bed material type gravel to cobble
- run habitat immediately upstream or downstream of a riffle or rapid.

Each site was sampled for eggs by disturbing the material (by kicking) and allowing dislodged eggs to drift into a kick net (30 cm diameter mouth by 23 cm deep; 0.05 mm stretched mesh) placed immediately downstream of the disturbed area. The length of each kick sample was 2.0 m. A total of 6 kicks were completed at each site (3 per person). This equaled 1.38 m^2 of sample effort per site.

Parameters (Definitions in Appendix B) measured at each fish egg sample site were as follows:

- Date and time
- Geodetic location
- Water temperature (^oC)
- Length of sweep (m)
- No. of sweeps
- No. of eggs collected
- Depth (m)
- Substrate type (%)
- Silt content (low, moderate, high)
- Substrate embeddedness (low, moderate, high)
- Substrate compaction (low, moderate, high)

Mountain whitefish egg surveys were hampered by ice conditions on the Moberly River and the Halfway River (Plates 6 and 7). On the Moberly River survey conditions were suboptimal from 15 to 19 October. On the Halfway River conditions were suboptimal from 14 to 24 October. Suboptimal conditions caused by surface ice limited access to potential mountain whitefish spawning sites.

Plate 6: Egg survey conditions (20 to 24 Oct.) on the Moberly River, fall 2009.

Plate 7: Egg survey conditions (14 to 24 Oct.) on the Halfway River, fall 2009.

2.1.4 Snorkel Survey

A study task was to conduct snorkel surveys on the Moberly River, but ice conditions precluded safe, effective use of this technique. Therefore, the snorkel survey was not undertaken.

2.1.5 Water Temperature and Discharge

Water temperatures (± 0.1^{o}C) of the Halfway River and Moberly River were monitored at one hour intervals using Vemco Minilog 8 bit temperature data loggers. Data loggers were deployed near the tributary mouths upstream of the influence from the Peace River. Hourly water temperature of the Peace River was provided by BC Hydro Water License Requirements from Station 2038623 located downstream of Halfway River confluence (Appendix C).

Preliminary discharge data (no quality assurance) from Water Survey of Canada were obtained from the following stations:

- Moberly River – 07FB008
- Halfway River – 07FA006
- Peace River – 07FA004

2.2 OFFICE

Data Management and Quality Assurance

All data collected in the field were recorded on standardized forms. Forms were checked daily for errors or omissions. Information was entered into standardized data entry spreadsheets using Microsoft Excel™. The data was visually compared to the field forms for errors and subjected to several summary analyses

including graphical examination to identify errors and outliers. The checked data were then transferred to a Microsoft Access™ data management file for data management and storage.

Software Applications

Summary analyses were completed using either Microsoft® Excel or SPSS® 13.0 for Windows. Graphical presentations were made using Sigma Plot 2002 for Windows. Mapping and spatial calculations were completed using MapInfo Professional Version 7.0.

Water Temperature and Discharge

Analyses of water temperature and discharge entailed summarizing hourly data and presenting the information graphically.

Fish Enumeration

Fish enumeration data from fish traps involved calculating daily catch. The unit of measure used was "number of fish per day" because traps were checked at least once daily throughout the field program.

Species and Age-group Designations

Species designations were based on current scientific nomenclature (Table 2.2). Standard abbreviations were used in place of species names for some summary presentations.

Table 2.2 Fish species designations, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Group	Common Name	Scientific Name	Species Label
Sportfish	Arctic grayling	*Thymallus arcticus*	GR
	Bull trout	*Salvelinus confluentus*	BT
	Burbot	*Lota lota*	BB
	Kokanee	*Oncorhynchus nerka*	KO
	Lake whitefish	*Coregonus clupeaformis*	LW
	Mountain whitefish	*Prosopium williamsoni*	MW
	Northern pike	*Esox lucius*	NP
	Rainbow trout	*Oncorhynchus mykiss*	RB
Sucker	Largescale sucker	*Catostomus macrocheilus*	CSU
	Longnose sucker	*Catostomus catostomus*	LSU
	White sucker	*Catostomus commersoni*	WSC
Minnow/Trout-perch	Flathead chub	*Platygobio gracilis*	FHC
	Lake chub	*Couesius plumbeus*	LKC
	Longnose dace	*Rhinichthys cataractae*	LNC
	Northern pikeminnow	*Ptychocheilus oregonensis*	NSC
	Peamouth	*Mylocheilus caurinus*	PMC
	Redside shiner	*Richardsonius balteatus*	RSC
Sculpin	Prickly sculpin	*Cottus asper*	CAS
	Slimy sculpin	*Cottus cognatus*	CCG
	Spoonhead sculpin	*Cottus ricei*	CRI

Mountain whitefish were assumed to be adult fish if fork length was ≥ 240 mm based on work completed by Mainstream and Gazey (2005). Young-of-the-year mountain whitefish were assumed to be ≤ 100 mm based on work completed by the same authors.

Reproductive Status

Reproductive status was identified using criteria presented in Appendix B. The numbers of adult fish that were in spawning condition (ripe) or had just completed spawning (spent) were compared to numbers of fish that were not in spawning condition. These metrics were used to examine timing of spawning, portion of the sample population that was in spawning condition, and the distribution of fish in spawning condition.

Mountain Whitefish Egg Survey

Egg counts from individual sites were plotted on study area maps to examine the distribution of mountain whitefish spawning areas. The numbers of eggs per site were used to illustrate the density of eggs within a sampled section of tributary.

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3.0 RESULTS

3.1 WATER TEMPERATURE AND DISCHARGE

3.1.1 Water Temperature

Hourly water temperature in the Moberly River ranged from 0.0 to 15.5 ^{O}C with an average value of 4.9 ^{O}C. Water temperatures steadily decreased from 23 September to 11 October (Table 3.1, Figure 3.1). Water temperatures reached freezing on 12 October and remained near 0.0 ^{O}C for four days. This resulted in a large amount of frazil and surface ice formation in the Moberly River. Water temperatures warmed slowly after 14 October, but did not exceed 5 ^{O}C for the remainder of the study period.

Table 3.1 Hourly water temperature and discharge of the Moberly, Halfway and Peace Rivers, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

River	Water Temperature (°C)			Discharge (m^3/s)		
	Date	Average	Range	Date	Average	Range
Moberly River	23 Sep -23 Oct	4.9	0.0 - 15.5	23 Sep - 31 Oct	2.4	1.5 - 3.5
Halfway River	23 Sep - 14 Oct	5.9	-0.6 - 13.9	23 Sep - 31 Oct	33.7	25.9 - 42.6
Peace River	23 Sep - 31 Oct	10.4	6.1 - 12.9	22 Sep - 19 Oct	1120	545 - 1480

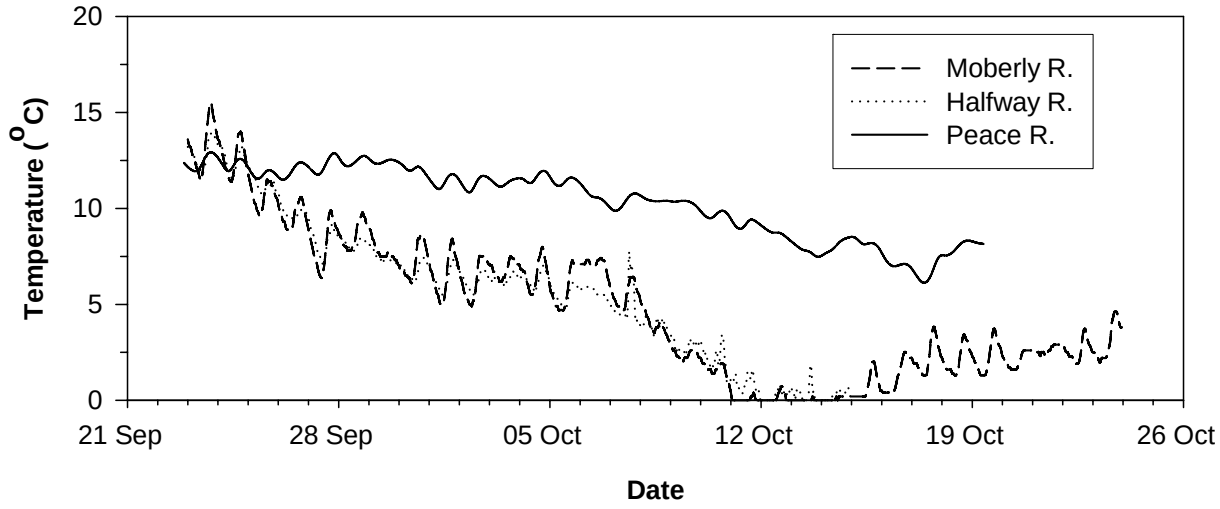


Figure 3.1 Hourly temperatures of the Moberly, Halfway and Peace Rivers, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Water temperature in the Halfway River followed a similar pattern to the Moberly River. The average water temperature was 5.9 ^{O}C and ranged from -0.6 to 13.9 ^{O}C. Water temperatures reached freezing on 12 October and remained near 0 ^{O}C until temperature recording ended on 14 October.

The Peace River average water temperature was higher than water temperatures in the Moberly River and Halfway River. The average water temperature was 10.4 ^{O}C and it ranged from 6.1 to 12.9 ^{O}C. Although the Peace River water temperature was higher than the tributary water temperatures, it followed the same downward trend.

3.1.2 Discharge

Moberly Lake provides the source water for Moberly River in the study area. Moberly River hourly discharge was low and stable throughout the sampling period, averaging 2.4 m^3/s and ranging from 1.5 to 3.5 m^3/s (Table 3.1, Figure 3.2). Halfway River discharge also was near base flows with an average discharge of 33.7 m^3/s. Unlike the Moberly River, discharge of the Halfway River gradually declined from a high of 42.6 m^3/s at the beginning of the program to a low of 25.9 m^3/s by the end of the study.

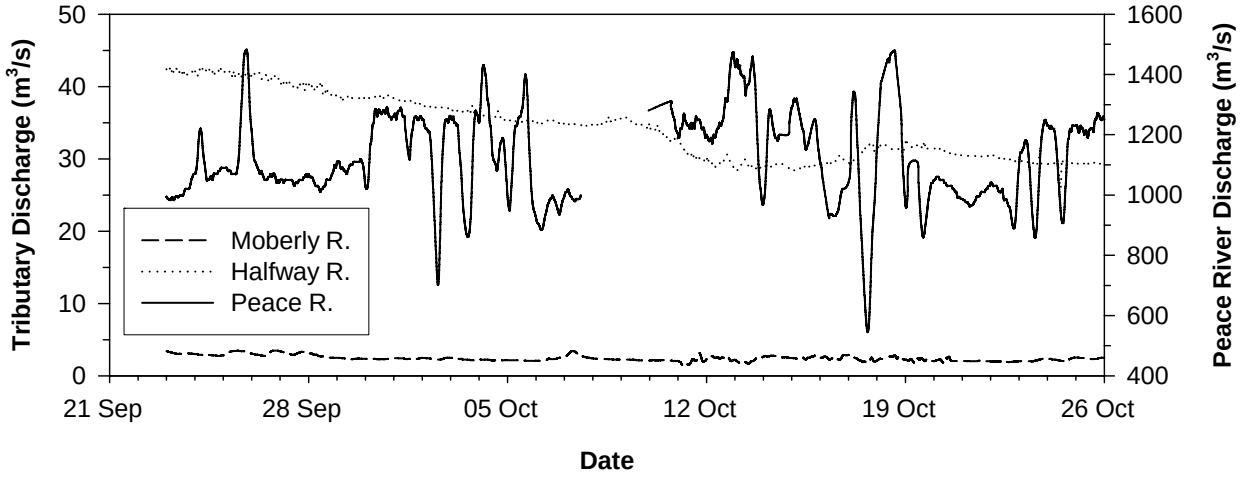


Figure 3.2 Hourly discharge of the Moberly, Halfway and Peace Rivers, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Peace River hourly discharge was variable. During the sample period, the average flow was 1120 m^3/s and flow ranged between 545 and 1480 m^3/s.

3.2 MOBERLY RIVER FISH ENUMERATIONS

3.2.1 Fish Number and Species Composition

A total of 3,097 fish were recorded from the Moberly River fish traps; 291 fish in the small fish downstream hoop net, 738 fish in the downstream large fish box trap, and 2,068 fish in the large fish upstream box trap (Table 3.2). Fourteen species were recorded, which included five sportfish, three suckers, two sculpins, and four minnows. In the large fish traps, ten species were recorded moving

downstream and eight species were recorded moving upstream. Eleven species were captured in the downstream small fish hoop net.

Table 3.2 Species composition for upstream and downstream traps on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Group	Species	Small Fish Downstream Hoop Net Trap[a]		Large Fish Traps				Total	
				Downstream Trap		Upstream Trap			
		No.	%	No.	%	No.	%	No.	%
Sportfish	Arctic grayling	5	1.7	7	0.9	3	0.2	15	0.5
	Bull trout	1	0.3	2	0.3	2	0.1	5	0.2
	Burbot			3	0.4			3	0.1
	Mountain whitefish	53	18.2	112	15.2	2050	99.1	2215	71.5
	Northern pike			4	0.5	1	0.0	5	0.2
Suckers	Largescale sucker	17	5.8	32	4.3	1	0.1	50	1.6
	Longnose sucker	45	15.5	566	76.7	9	0.4	620	20.0
	White sucker			5	0.7			5	0.2
Minnows	Lake chub	15	5.2					15	0.5
	Longnose dace	15	5.2	1	0.1	1	0.1	17	0.5
	Northern pikeminnow	9	3.1	6	0.8	1	0.1	16	0.5
	Redside shiner	122	41.9					122	3.9
Sculpins	Prickly sculpin	8	2.7					8	0.3
	Slimy sculpin	1	0.3					1	0.0
Total		**291**	**100.0**	**738**	**100.0**	**2068**	**100.0**	**3097**	**100.0**

[a] Includes fish of all sizes.

In the large fish catch, mountain whitefish was numerically dominant in the upstream trap (2,050 fish, 99.1 %). Longnose suckers were numerically dominant in the downstream trap (566 fish, 76.7 %), while mountain whitefish were much less numerous (112 fish, 15.2 %). In the small fish catch of the downstream hoop net, redside shiners were dominant (122 fish, 41.9 %), followed by lower contributions of mountain whitefish (53 fish, 18.2 %) and longnose sucker (45 fish, 15.5 %). All other species contributed ≤ 5.8 % to the catch.

3.2.2 Small Fish Hoop Net Enumeration

Small fish (≤ 200 mm fork length) were targeted by the downstream hoop net. The three numerically dominant species in the downstream hoop net were mountain whitefish (mean fork length = 93 mm; range = 70 mm to 157 mm), longnose sucker (mean fork length = 203 mm; range = 32 mm to 302 mm), and redside shiner (mean fork length = 53 mm; range = 19 mm to 56 mm). As such, the longnose sucker catch included large-sized fish.

Movement of these species occurred throughout the trapping period, but there were three periods when increased fish numbers were recorded (Figure 3.3). These were 25 to 26 September, 8 October, and 15 to 19 October. The influx of fish during each period corresponded to a rapid change in water temperature immediately preceding the period.

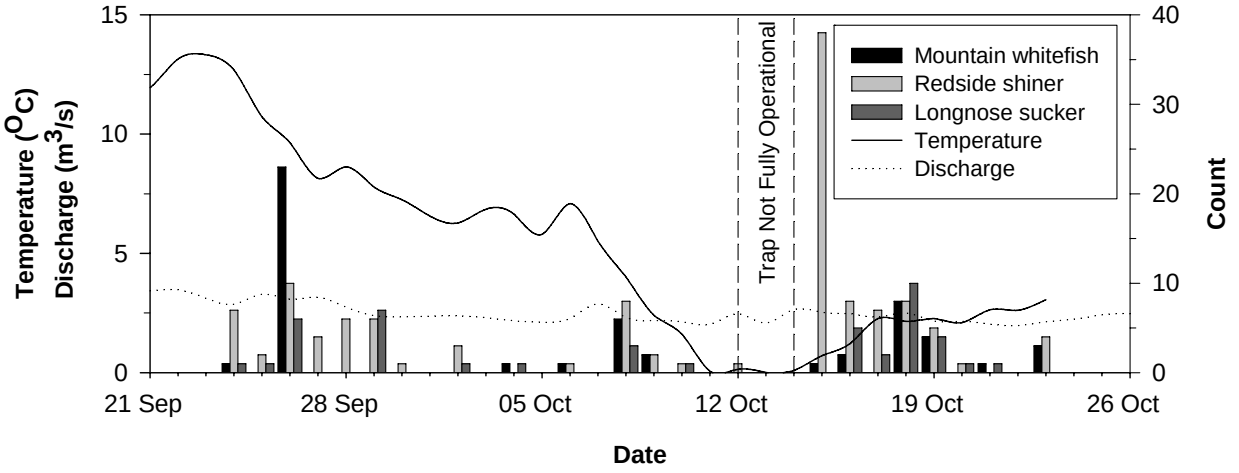


Figure 3.3 Numbers of small (≤ 250 mm fork length) mountain whitefish, longnose suckers, and redside shiners recorded in the downstream small fish hoop net with comparisons to water temperature and discharge on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

The highest number of small mountain whitefish was recorded moving downstream on 26 September when 23 fish were collected, which accounted for 43.0 % of the mountain whitefish catch in the hoop net. No more than 10 mountain whitefish were recorded in the hoop net during all other sample days. The small longnose sucker catch never exceeded 10 fish per day. The redside shiner daily catch rarely exceeded 10 fish per day except on 15 October when 38 fish were collected (31 % of all redside shiners). This was immediately following the period of zero water temperatures during which the hoop net was not functioning.

3.2.3 Large Fish Trap Enumeration

Longnose sucker and mountain whitefish were the numerically dominant species in the large fish traps. In the downstream trap the mean fork length of longnose suckers was 217 mm (range = 119 mm to 370 mm) and the mean fork length of mountain whitefish was 294 mm (range = 184 mm to 417 mm). In the upstream trap the mean fork length of longnose suckers was 225 mm (range = 180 mm to 285 mm) and the mean fork length of mountain whitefish was 295 mm (range = 201 mm to 472 mm).

Longnose sucker

Longnose suckers were frequently recorded in the downstream large fish catch (n = 566) (Figure 3.4), but exhibited three peaks in downstream movement. These peaks occurred from 26 to 27 September, from 8 to 9 October, and from 15 to 17 October. These periods closely corresponded to periods of high longnose sucker numbers recorded in the downstream hoop net. The influx of longnose suckers during each period corresponded to a rapid change in water temperature immediately preceding the period. The highest number of longnose suckers occurred on 9 October when 139 fish were recorded. High numbers were also recorded on 16 October (110 fish), and 26 September (62 fish). Very low numbers of longnose suckers were recorded in the large fish upstream trap (n = 9).

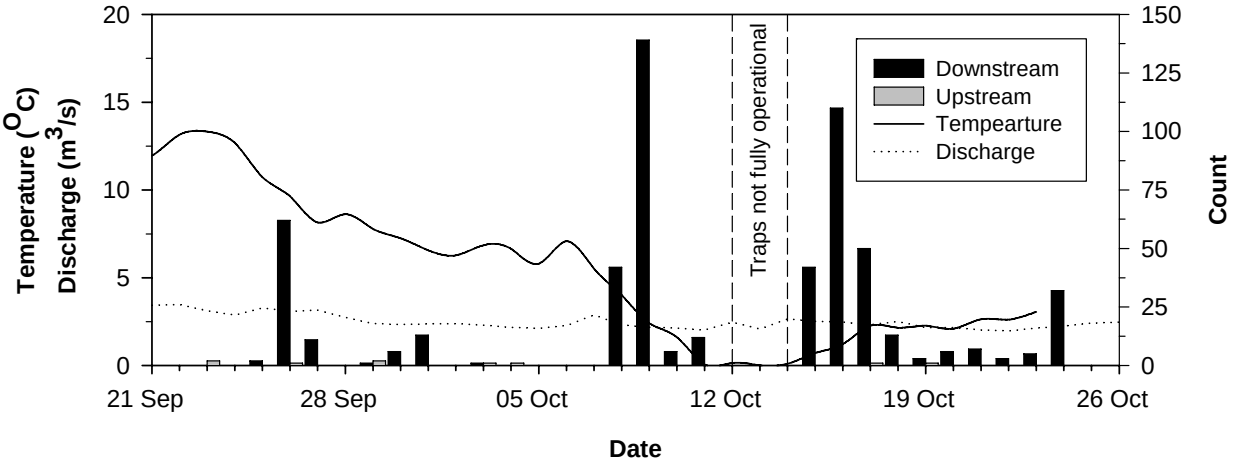


Figure 3.4 Numbers of longnose suckers recorded in large fish upstream and downstream fish traps on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Mountain whitefish

Lower numbers of mountain whitefish (n = 112) were recorded in the downstream large fish trap (Figure 3.5). Few mountain whitefish were recorded each day until the latter portion of the sampling program. No more than 6 fish per day were recorded until 23 October. On that date 51 fish were collected followed by 18 fish on 24 October, which was the last day of sampling.

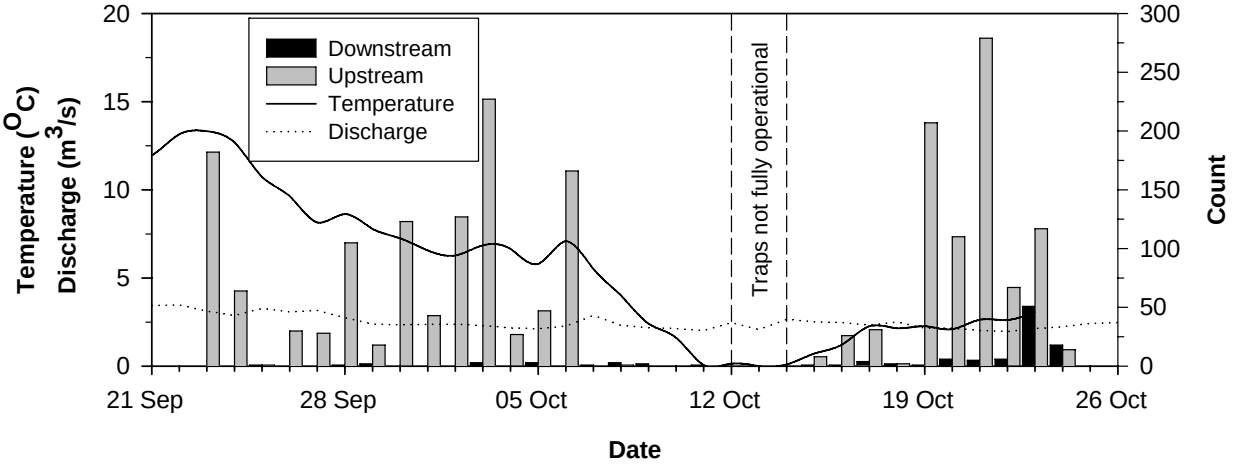


Figure 3.5 Numbers of mountain whitefish recorded in large fish upstream and downstream fish traps on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

High numbers of mountain whitefish were recorded in the large fish upstream trap during the majority of the sampling program. Fish were encountered on 25 of 28 days when the large fish traps were operational. No distinct peaks in daily fish numbers were recorded during the first portion of the sampling program (23 September to 6 October). The daily catch ranged from 1 to 227 fish. During this period water temperatures gradually declined from 13.3 ^{o}C to 5.8 ^{o}C. From 6 to 14 October water temperatures fell rapidly to 0.0 ^{o}C and few mountain whitefish were encountered (note that the trap was not operational from 12 to 14 October). When water temperatures increased from 0.0 to 3.1 ^{o}C between 15 and 24 October, mountain whitefish numbers also increased to the highest level recorded during the sample program (279 fish on 21 October).

3.2.4 Mountain Whitefish Reproductive Status

The majority of mountain whitefish recorded in the large fish traps were ready to spawn (gravid or ripe) or had recently spawned (90.8 % in downstream trap and 72.9 % in upstream trap). The remaining fish could not be sexed by external examination (553 fish in upstream trap and 10 fish in downstream trap). This latter group of fish may have been sub adults, not have spawned, were not ready to spawn, or had completed spawning several days prior to capture. Of the fish that could be sexed by external examination the majority were females (64.6 % in the downstream trap and 60.3 % in the upstream trap).

Reproductive status was reflected in whether fish were captured in the upstream or downstream fish traps (Figure 3.6). The upstream sample was dominated by gravid and ripe fish with few spent fish recorded (3 males and 15 females). In contrast, spent fish accounted for a larger portion of the catch in the

downstream fish trap. Spent males accounted for 11.1 % of the catch and spent females accounted for 35.8 % of the catch.

The different trap results suggested that mountain whitefish were moving upstream into the Moberly River to spawn and then returned downstream after spawning was completed. A plot of mountain whitefish daily catch versus reproductive status provides additional evidence that mountain whitefish were moving upstream into the Moberly River to spawn (Figure 3.7). The percent of mountain whitefish in the large fish upstream trap that could not be sexed decreased during the sampling program. In contrast, the percentage of males and females that were in reproductive condition increased.

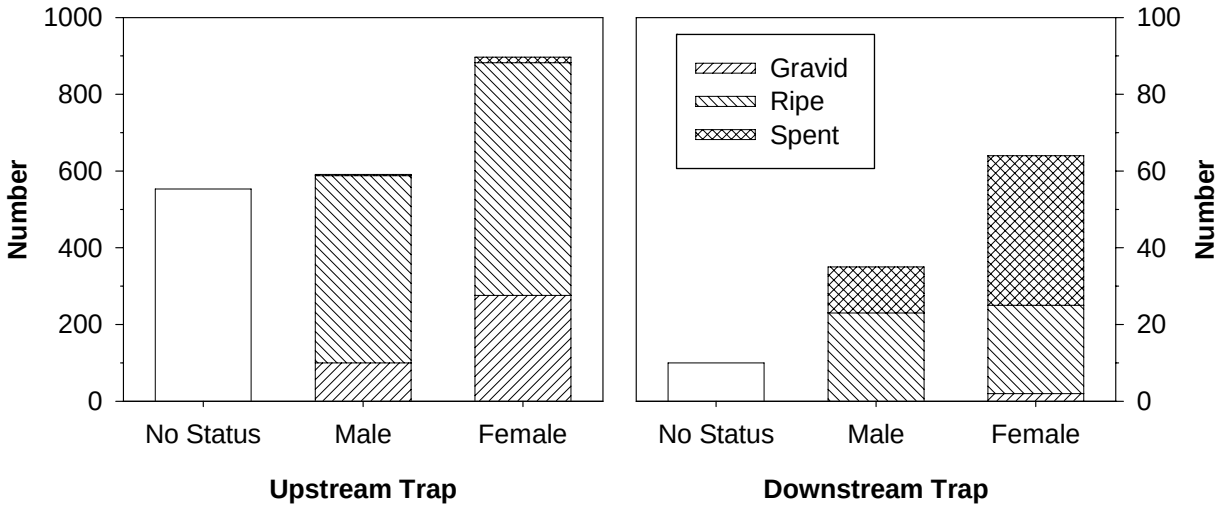


Figure 3.6 Reproductive status of mountain whitefish captured in large fish traps on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

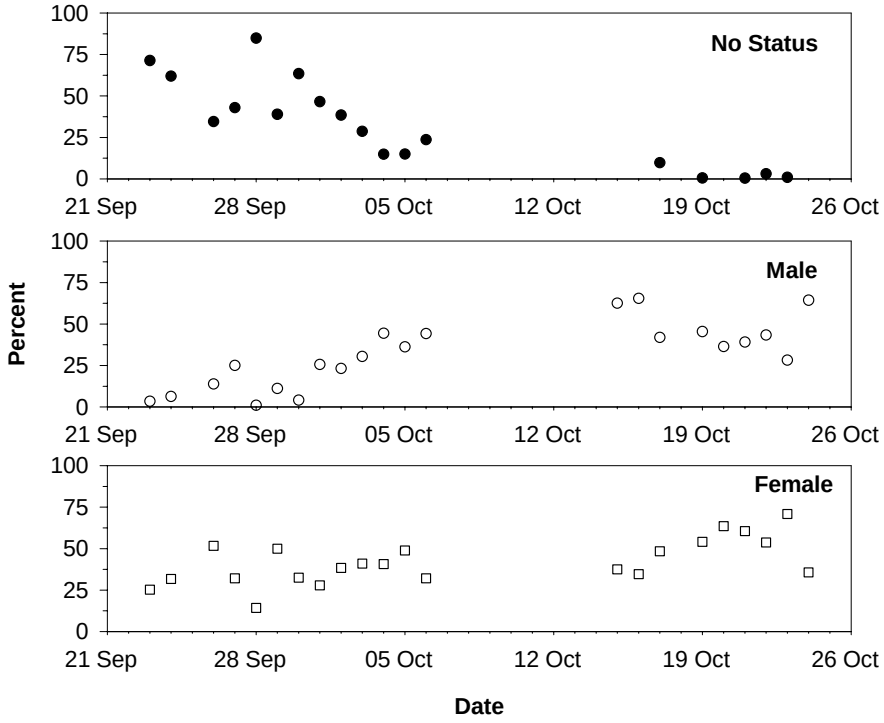


Figure 3.7 Daily movement of male, female and no status mountain whitefish caught in the upstream fish trap on the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

3.2.5 Mountain Whitefish Biological Characteristics

Adult mountain whitefish (≥ 240 mm) dominated the catch in the upstream and downstream large fish traps (Figure 3.8). Young of the year mountain whitefish (60 to 100 mm) were the dominant age group in the downstream small fish hoop net. The length distribution of adult mountain whitefish collected in the large fish traps exhibited a truncated distribution compared to the assumed parent population of adult fish in the Peace River. The length distribution of adult mountain whitefish collected in the large fish traps was also different from the length distribution of mountain whitefish recorded in the Moberly River during tributary sampling in August 2009 (Mainstream 2010). These results may reflect size selectivity of the fish traps used during the program (i.e., smaller fish could move through the fence and trap and larger fish may not have entered the trap). However, these data suggest that adult mountain whitefish entering the Moberly River represent a subset of the adult mountain whitefish population in the Peace River and these fish may be distinct from the mountain whitefish that are present in the Moberly River in August.

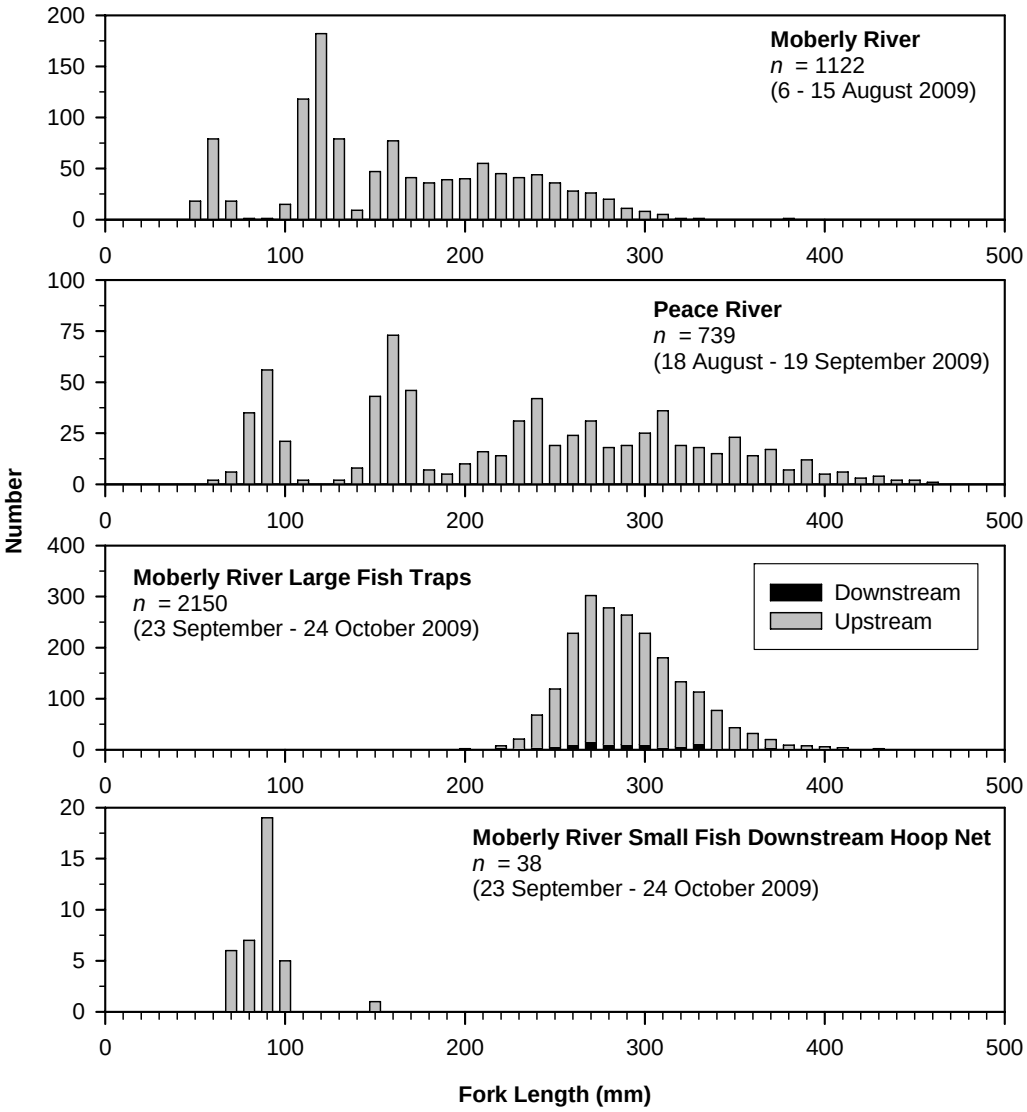


Figure 3.8 Mountain whitefish length distributions from large fish traps and small fish hoop net on the Moberly River with comparisons to Moberly River and Peace River near the Moberly River confluence, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

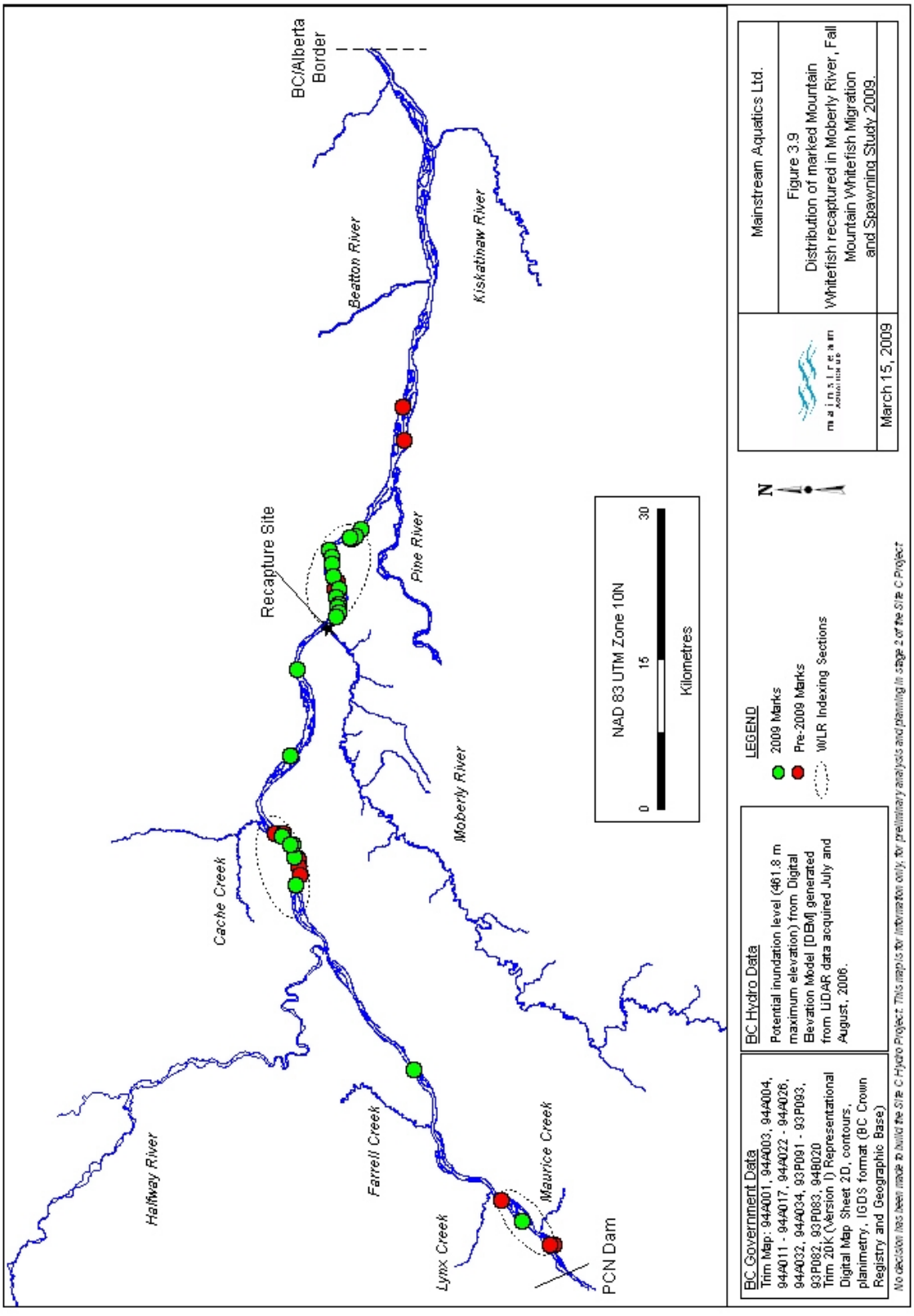
3.2.6 Origin of Mountain Whitefish

In total, 104 mountain whitefish collected from the Moberly River fish traps (upstream and downstream large fish traps) had been previously marked by the ongoing Peace River Fish Community Indexing Study (Mainstream and Gazey 2010). Of these fish, 44 had been marked and released in 2009, while 60 fish had been marked and released between 2001 and 2008 during previous studies (Table 3.3). Only one marked fish recorded moving upstream through the fence and trap on the Moberly River was subsequently recaptured moving downstream.

Table 3.3 Distance and direction traveled in the Peace River by marked mountain whitefish that were recaptured in the Moberly River, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

Marking Period	Direction of Movement in Peace River	Number of Recaptures	Distance traveled (Km)	
			Average	Range
2009	Downstream	13	38.8	25.0 – 79.8
	Upstream	31	5.8	1.0 – 25.2
Pre-2009	Downstream	10	31.7	5.5 – 75.8
	Upstream	50	4.9	1.0 – 11.4

Recaptured fish originated from a large area of the Peace River (Figure 3.9). The majority of fish marked in 2009 had moved upstream from their release locations to enter the Moberly River. Average distances traveled by these groups were similar – 5.8 km for fish marked in 2009 and 4.9 km for fish marked pre-2009. When compared to upstream migrants, fewer fish moved downstream to enter the Moberly River, but average distance traveled was greater – 38.8 km for fish marked in 2009 and 31.7 km for fish marked pre-2009. Individual fish moved substantial distances to reach the Moberly River. Within the 2009 marked cohort, maximum distance traveled was 79.8 km downstream and 25.2 km upstream. Fish that completed these movements had been at large for no more than 60 days.


BC/Alberta Border
Beatton River
Kiskatinaw River
Recapture Site
Pine River
Moberly River
Cache Creek
Halfway River
Farrell Creek
Lynx Creek
Maurice Creek
PCN Dam
NAD 83 UTM Zone 10N
0
15
30
Kilometres
N
LEGEND
2009 Marks
Pre-2009 Marks
WLR Indexing Sections
BC Government Data
Trim Map: 94A001, 94A003, 94A004, 94A011 - 94A017, 94A022 - 94A026, 94A032, 94A034, 93P091 - 93P093, 93P082, 93P083, 94B020
Trim 20K (Version I) Representational Digital Map Sheet 2D, contours, planimetry, IGDS format (BC Crown Registry and Geographic Base)
BC Hydro Data
Potential inundation level (461.8 m maximum elevation) from Digital Elevation Model [DEM] generated from LiDAR data acquired July and August, 2006.
No decision has been made to build the Site C Hydro Project. This map is for information only, for preliminary analysis and planning in stage 2 of the Site C Project
Mainstream Aquatics Ltd.
Figure 3.9
Distribution of marked Mountain Whitefish recaptured in Moberly River, Fall Mountain Whitefish Migration and Spawning Study 2009.
March 15, 2009

3.3 MOUNTAIN WHITEFISH EGG SURVEY

3.3.1 Halfway River

In total, 133 sites were sampled for mountain whitefish eggs on the Halfway River from 14 to 24 October, 2010 (Table 3.4, Figure 3.10). Sixteen of these sites were in the 14 km section located downstream of the proposed Site C reservoir inundation zone. The remaining 117 sites were distributed as far upstream as the Chowade River confluence, which is a distance of approximately 121 km from the Peace River.

Table 3.4 Summary of mountain whitefish egg surveys on the Halfway and Moberly Rivers, Halfway and Moberly rivers mountain whitefish migration and spawning study 2009.

River	Section[a]	Number of Sites	Percent of Sites with Eggs	Number of Eggs at Sites with Eggs	
				Average	Range
Halfway R.	Upstream	117	5.1	2.2	1 - 8
	Downstream	16	25.0	2.5	2 - 4
Moberly R.	Upstream	49	59.2	3.4	1 - 12
	Downstream	18	16.6	6.9	1 - 25

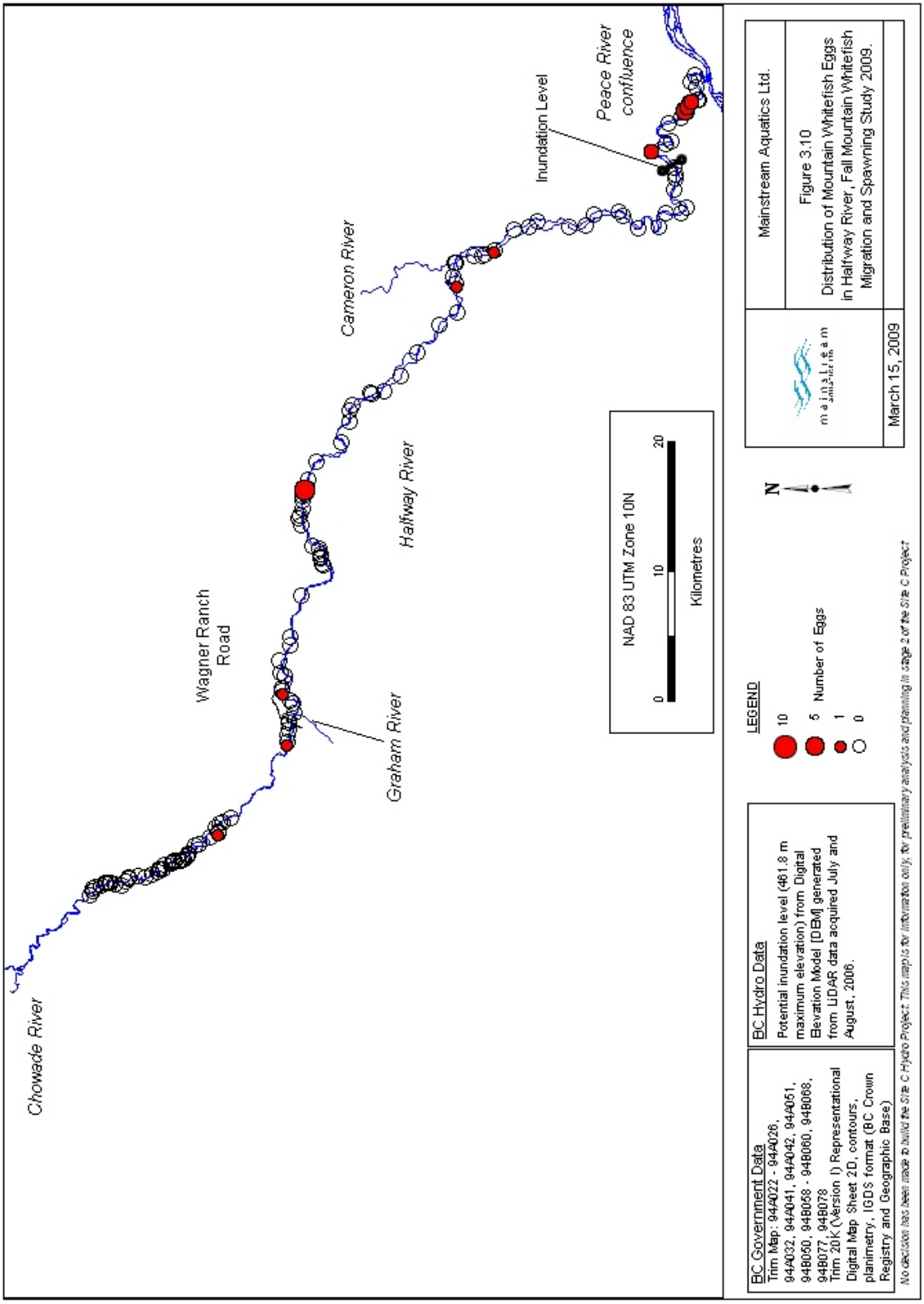
[a] Location relative to the inundation level of the proposed Site C reservoir.

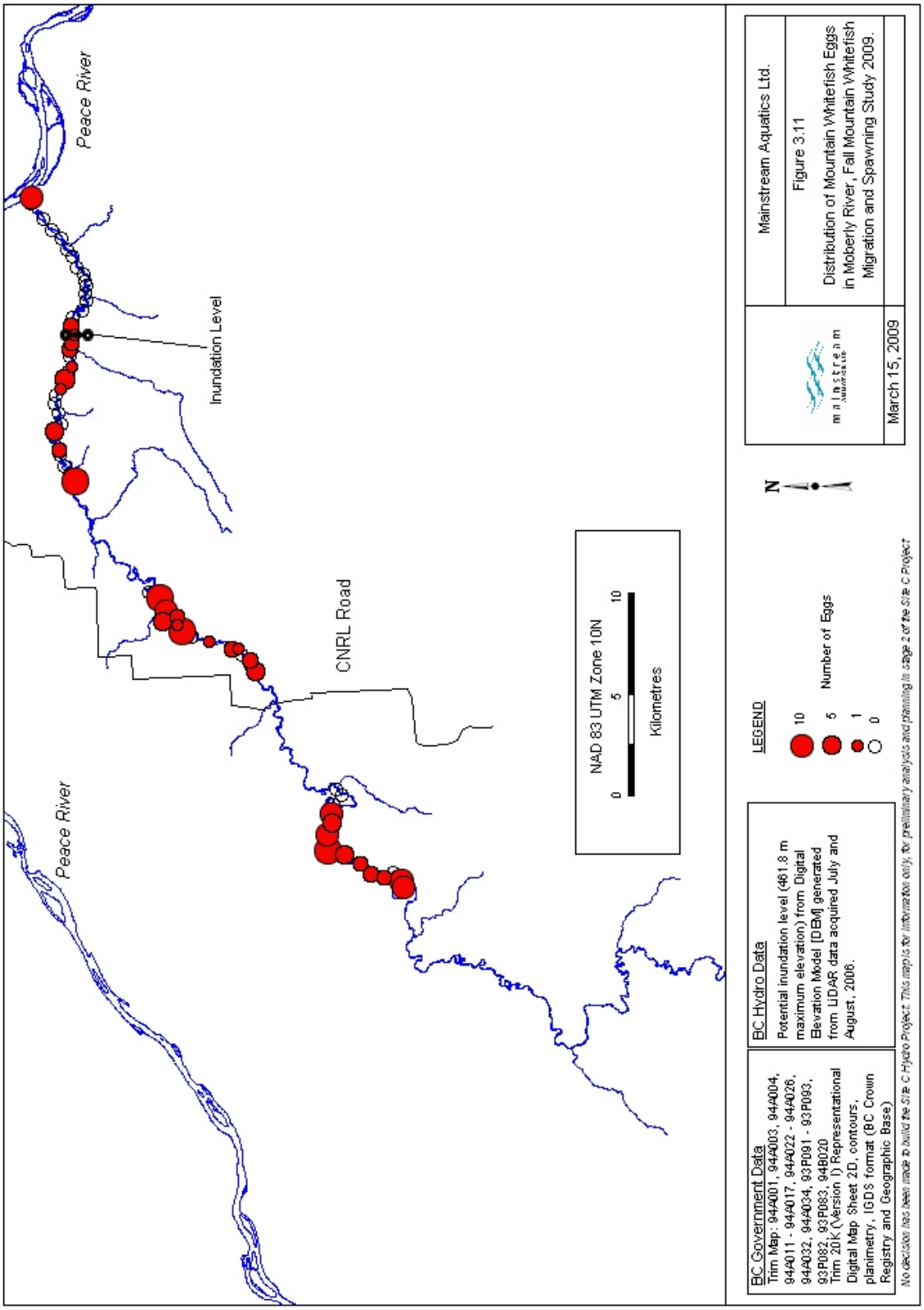
In the upstream zone, a small percentage of potential spawning sites contained mountain whitefish eggs (5.1 %). Of the six sites that contained eggs, one was located downstream of the Cameron River confluence, three were located between the Cameron River and the Graham River confluence, and two were located upstream of the Graham River. The average number of eggs was 2.2 at sites that contained eggs (range = 1 to 8 eggs). A higher percentage of sites contained eggs in the downstream zone (25 % or 4 sites). The average number of eggs was 2.5 at sites that contained eggs (range = 2 to 4 eggs).

3.3.2 Moberly River

Two surveys were completed on the Moberly River, the first occurred from 15 to 19 October and the second between 20 and 24 October. The second survey included the portion of the Moberly River inventoried during the first survey. During the first survey, 8.9 % of the 101 sites contained mountain whitefish eggs; therefore, the survey was repeated. During the second survey 47.8 % of the 67 sites contained mountain whitefish eggs. The results of the second survey are summarized here (Table 3.4, Figure 3.11); all data are presented in Appendix F.

In total 59.2 % of sites in the upstream zone contained eggs, while 16.6 % of sites located in the predicted Site C reservoir inundation zone contained eggs (Table 3.4). The lower percentage of sites with eggs in the inundation section may be attributed to suboptimal spawning, sampling or both conditions caused by sediment inputs caused by two major slides observed at Km 12.5 and Km 16.0.


Chowade River
Graham River
Wagner Ranch Road
Halfway River
Cameron River
Inundation Level
Peace River confluence
NAD 83 UTM Zone 10N
0
10
20
Kilometres
LEGEND
10
5
1
0
Number of Eggs
N
BC Government Data
Trim Map: 94A022 - 94A026, 94A032, 94A041, 94A042, 94A051, 94B050, 94B058 - 94B060, 94B068, 94B077, 94B078 Trim 20K (Version I) Representational Digital Map Sheet 2D, contours, planimetry, IGDS format (BC Crown Registry and Geographic Base)
BC Hydro Data
Potential inundation level (461.8 m maximum elevation) from Digital Elevation Model [DEM] generated from LiDAR data acquired July and August, 2006.
No decision has been made to build the Site C Hydro Project. This map is for information only, for preliminary analysis and planning in stage 2 of the Site C Project
Mainstream Aquatics Ltd.
Figure 3.10
Distribution of Mountain Whitefish Eggs in Halfway River, Fall Mountain Whitefish Migration and Spawning Study 2009.
March 15, 2009


Peace River
Inundation Level
CNRL Road
Peace River
NAD 83 UTM Zone 10N
0
5
10
Kilometres
N
LEGEND
10
5
1
0
Number of Eggs
BC Hydro Data
Potential inundation level (461.8 m maximum elevation) from Digital Elevation Model [DEM] generated from LiDAR data acquired July and August, 2006.
BC Government Data
Trim Map: 94A001, 94A003, 94A004, 94A011 - 94A017, 94A022 - 94A026, 94A032, 94A034, 93P091 - 93P093, 93P082, 93P083, 94B020
Trim 20K (Version I) Representational Digital Map Sheet 2D, contours, planimetry, IGDS format (BC Crown Registry and Geographic Base)
No decision has been made to build the Site C Hydro Project. This map is for information only, for preliminary analysis and planning in stage 2 of the Site C Project
Mainstream Aquatics Ltd.
Figure 3.11
Distribution of Mountain Whitefish Eggs in Moberly River, Fall Mountain Whitefish Migration and Spawning Study 2009.
March 15, 2009

4.0 DISCUSSION

4.1 FISH ENUMERATIONS

A fish trap study was completed between 23 September and 24 October 2009 on the Moberly River. The primary focus was to enumerate spawning mountain whitefish. A second task was to enumerate small fish that moved downstream past the site. Methods included upstream and downstream large fish traps associated with a fish fence that blocked the entire channel, and a downstream small fish hoop net and barrier net that blocked a portion of the channel.

Discharge during the sampling period was at or near base flow, which allowed effective deployment and monitoring of the fish traps and fish fence. Immediately after study initiation, water temperatures rapidly declined to below zero by mid-October, which caused surface ice formation. The surface ice disrupted the fish trap operations for three days, after which the fish traps and fence were fully operational. The sample period encompassed 31 days, of which 3 days could not be sampled.

Several species including the numerically dominant redside shiner, small longnose sucker, and young-of-the-year mountain whitefish were captured in the downstream small fish hoop net during the present study. These results were similar to results of the 2008 investigation (Mainstream 2009). These findings suggest that at least a portion of the Moberly River small-fish species populations and younger age classes of large fish (young-of-the-year and juveniles) species populations make downstream movements to overwinter in the Peace River.

Large fish trap results provided strong evidence that Peace River mountain whitefish populations spawn in the Moberly River. Numbers of adult mountain whitefish captured, spawning condition of captured fish, and recaptures of tagged fish provided evidence indicating use of the tributary for spawning by the Peace River mountain whitefish population.

In total, 2,050 and 212 mountain whitefish were captured in the upstream and downstream large fish traps, respectively. The majority of fish in the upstream trap were in pre-spawning or spawning condition indicating entry into the Moberly River to spawn. In contrast, a large percentage of fish in the downstream trap indicated that fish had completed spawning and were returning to the Peace River and this movement occurred after a period of high egg deposition in the Moberly River. The size distribution of adult mountain whitefish in the fish trap catch was a truncated version of the size distribution of mountain whitefish recorded in the Peace River (i.e., the adult cohort). In addition, the size distribution of

fish collected from the fall fish trap contained a much greater number of adult mountain whitefish compared to the size distribution of mountain whitefish collected from the Moberly River in summer. These data also indicated that fish originated from the Peace River. Finally, 104 mountain whitefish that had been originally marked and released in the Peace River by other studies were recaptured in the Moberly River fish traps.

The findings of the present study were consistent with findings of the 2008 investigation. A difference between studies was the distribution of the catch between upstream and downstream traps. In 2008, most adult mountain whitefish (78 %) were collected from the downstream trap. In 2009, 91 % of the sample was collected from the upstream trap. Both studies occurred during the same general period, although the 2009 program began a week earlier, water levels were low, and water temperatures were declining. Given that fall conditions were more advanced in 2009 compared to 2008 (i.e., occurrence of surface ice on 12 October 2009 versus on 26 October 2008), it is surprising that mountain whitefish spawning activity was not more advanced in 2009. Potential explanations may include annual differences in Peace River water temperature and/or discharge.

The mechanisms that control the timing of adult mountain whitefish movement into and out of the Moberly River are unknown; however, the results of the 2008 and the present study indicate that the system is used for spawning by the Peace River mountain whitefish population.

4.2 EGG SURVEY

Mountain whitefish eggs were recorded at numerous sites within the surveyed area of the Moberly River. Sites with mountain whitefish eggs were widely distributed, but most sites were upstream of the inundation level of the proposed Site C reservoir. These results were similar to the findings made in 2008. As stated in the 2008 report, caution should be used when interpreting the egg survey data in that there was no way to differentiate eggs that may have been deposited by resident fish versus Peace River fish. Regardless, evidence from both years of study indicated that mountain whitefish spawning sites are widely distributed in the Moberly River.

The mountain whitefish egg survey on the Halfway River recorded a low number of sites that contained eggs, but sites that did contain eggs were widely distributed (i.e., from downstream of the Chowade River confluence to the Peace River confluence). This included sites upstream and downstream of the inundation level of the proposed Site C reservoir. The low percentage of sites with eggs was similar to 2008 findings, which encompassed a smaller section of the Halfway River.

5.0 SUMMARY

The goal of the Peace River tributaries fall fish study was largely achieved. The purpose of the study was to collect baseline fisheries information that described fish use of the Halfway River and Moberly River in fall with the primary focus being spawning mountain whitefish. The primary objectives were to determine the magnitude, duration, and timing of upstream and downstream movements of spawning mountain whitefish on the Moberly River using fish traps and to conduct egg surveys on the Moberly River and Halfway River to document the distribution of mountain whitefish spawning sites. The objective to conduct snorkel surveys to document the presence and distribution of overwintering adult fish in the Moberly River was not completed due to poor and unsafe sampling conditions caused by surface ice formation.

Adult mountain whitefish accounted for the majority of the catch in fish traps on the Moberly River. The numbers of fish captured, the spawning condition of fish, the size distribution, and the presence of fish marked in the catch that were previously released in the Peace River provide evidence that this tributary is used for spawning by the Peace River mountain whitefish population.

Egg surveys on the Moberly River and Halfway River located mountain whitefish eggs. In the Moberly River, mountain whitefish eggs were recorded at many sites that were widely distributed within the lower 65 km section of river. The egg survey on the Halfway River recorded a small number of sites that contained eggs, and these sites were widely distributed in the 120 km section of river.

The results of the present study were consistent with findings made by the 2008 investigation. The second year of data improves the baseline data set and increases the certainty regarding our understanding of the ecology of Peace River mountain whitefish population.

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APPENDICES

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APPENDIX A
Site Data

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Appendix A Table A1. Sample site information in the Moberly River, Site C tributaries fall fish study 2009.

Trap Type	Site	Direction	NAD	Zone	Easting	Northing
FISH TRAP						
	MTDW	DOWNSTREAM	83	10	628546	6230032
	MTUP	UPSTREAM	83	10	628546	6230032
HOOP NET						
	MHDW	DOWNSTREAM	83	10	628546	6230032

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APPENDIX B
Definitions

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Appendix – B1
Habitat and Substrate Type Classification Systems

Instream Habitat

Provides a qualitative assessment of the physical characteristics of a stream and its potential as fish habitat.

Riffle - Portion of channel with increased velocity relative to Run and Pool habitat types; broken water surface due to effects of submerged or exposed bed materials; shallow (less than 25 cm). Limited value as habitat for larger juveniles and adults (i.e., feeding), but may be used extensively by young-of-the-year and small juveniles.

RF - Typical riffle habitat type; provides limited cover for all life stages.

RF/BG - Riffle habitat type with abundance of large cobble and boulder substrates. Limited cover for juveniles and adults; but, may be used extensively by young-of-the-year fish.

Rapids (RA) - Portion of channel with highest velocity relative to other habitat types. Deep (>25 cm); often formed by channel constriction. Substrate extremely coarse; dominated by large cobble and boulder substrates. Habitat provided for juveniles and adults in pocket eddies associated with substrate.

Run - Portion of channel characterized by moderate to high current velocity relative to Pool and Flat habitats; water surface largely unbroken. Potentially high habitat value for all life stages. Can be differentiated into five types based on depth and cover.

R1 - Maximum depth exceeding 1.5 m; average depth 1.0 m. High cover at all flow conditions. Highest quality habitat for larger juveniles and adults; limited value for young-of-the-year-fish.

R2/BG - Maximum depth reaching 1.0 m and generally exceeding 0.75 m; presence of large cobble or boulder substrates in channel. High cover at all flows. Moderate to high quality habitat for larger juveniles and adults.

R2 - Maximum depth reaching 1.0 m and generally exceeding 0.75 m. High cover during most flows, but not during base flows. Moderate quality habitat for juveniles and adults; limited value for young-of-the-year-fish.

R3/BG - Maximum depth of 0.75 m, but averaging <0.50 m; presence of large cobble or boulder substrates in channel. Moderate cover at all flows. Moderate quality habitat for juveniles and adults; but, the value to young-of-the-year-fish is potentially high.

R3 - Maximum depth of 0.75 m, but averaging <0.50 m. Low cover at all flows. Lowest quality habitat for juveniles and adults; but, the value to young-of-the-year-fish is potentially high.

Flat - Area of channel characterized by low current velocities (relative to RF and Run cover types); near-laminar (i.e., non-turbulent) flow. Depositional area dominated sand/silt substrates. Differentiated from Pool habitat type by high channel uniformity and lack of direct association with riffle/run complex. Potential habitat value for all life stages is moderate to high. Can be differentiated into five types based on depth and cover.

F1 - Maximum depth exceeding 1.5 m; average depth 1.0 m or greater. High cover at all flows. Highest quality habitat for larger juveniles and adults; limited value for young-of-the-year-fish.

F2/BG - Maximum depth reaching 1.0 m and generally exceeding 0.75 m; presence of large cobble or boulder substrates in channel. High cover at all flows. Moderate to high quality habitat for larger juveniles and adults.

F2 - Maximum depth exceeding 1.0 m; generally exceeding 0.75 m. High cover during most flows, but not during base flows. Moderate quality habitat for juveniles and adults; limited value for young-of-the-year-fish.

F3/BG - Maximum depth of 0.75 m, but averaging <0.50 m; presence of large cobble or boulder substrates in channel. Moderate cover at all flows. Moderate quality habitat for juveniles and adults; but, the value to young-of-the-year-fish is potentially high.

F3 - Maximum depth of 0.75 m, averaging less than 0.50 m. Low cover at all flows. Lowest quality habitat for juveniles and adults; but, the value to young-of-the-year-fish is potentially high.

Pool - Discrete portion of channel featuring increased depth and reduced velocity (downstream oriented) relative to Riffle and Run habitat types. Normally featuring Riffle/Run associations. Principal habitat value for all life stages is cover. When in close association with Riffle/Run habitats, value can be very high. Can be differentiated into three types based on depth.

P1 - Maximum depth exceeding 1.5 m; average depth 1.0 m or greater; high cover at all flow conditions. Often intergrades with deep-slow type of R1. Highest quality habitat for larger juveniles and adults; limited value for young-of-the-year-fish.

P2 - Maximum depth reaching or exceeding 1.0 m, generally exceeding 0.75 m. High cover at all but base flows. Moderate quality habitat for juveniles and adults; limited value for young-of-the-year-fish.

P3 - Maximum depth of 0.75 m, averaging <0.50 m. Low instream cover; includes small pocket eddies. Lowest quality habitat for all life stages.

Special Features - Includes the following instream features:

Ledges (LG) - Areas of bedrock intrusion into the channel; often creates Chutes and Pool habitat.

Falls (FAL) - Channel section exhibiting distinct vertical falls over boulder and bedrock. Often a barrier to fish.

Cascade (CAS) - Area of channel exhibiting distinct drop over boulder and bedrock, but, no defined falls. Often a barrier to fish.

Tributary Confluence (TC) - Area of main river channel directly affected by tributary confluence.

Backwater (BW) - Well-defined zone of zero or reverse flow water velocity associated with a large bank irregularity.

Tributary Confluence/Backwater (TCBW) – area of main channel and backwater associated with bank irregularities formed by tributary confluence.

Snye (SN) - Well-defined back channel not subjected to mainstem currents.

Oxbow (OX) – Bend or meander in a stream or river that becomes detached from the stream channel from natural fluvial processes.

Bank Habitat

The zone within the immediate hydraulic influence of the bank-water interface. Typically extends from the annual high-water to low-water mark.

Armoured
Bank is stable and is composed of armoured cobble to boulder substrates that are not subjected to movement during annual floods; can be differentiated into categories based on the amount of bank roughness.
(A1 very rough, A2 moderately rough, A3 not rough)

Canyon
Bank is stable, is near vertical, and is composed of boulder to bedrock substrates; can be differentiated into categories based on the amount of bank roughness (C1 very rough, C2 moderately rough, C3 not rough).

Depositional
Bank exhibits low relief and is composed of silt to cobble substrates; characterized by high substrate mobility and low bank roughness (D1 cobble; D2 gravel; D3 sand and silts). Differentiated into tributary (TD) and mainstem (MD) depositional zones.

Erosional
Bank is dominated silt to gravel substrates that exhibit evidence of active erosion; note that large rock substrates can be present; can be differentiated into categories based on the amount of bank roughness
(E1 very rough, E2 moderately rough, E3 not rough).

Mesohabitat

To address issues caused by sampling several habitat types within on site using small fish and large fish boat electrofisher methods , sampled instream and bank habitat types were categorized into discrete groups based on differences in physical characteristics that included bank slope, water velocity, and the presence of physical cover (see table).

Four mesohabitat types sampled during the program were as follows:

- SFC - Moderate slope; shallow water; high water; velocity; physical cover
- SFN - Gradual slope; shallow water; high water velocity; no physical cover
- SSC - Moderate slope; shallow water; slow; physical cover
- SSN - Gradual slope; shallow water; slow; no physical cover

MesoHabitat Category	Bank Habitat[a]	Instream Habitat	Water Velocity[a]	Channel Bed Slope[a]	Physical Instream Cover	Substrate
SFN	A3	Run	Moderate to High	Low	Absent	Rock
SFC	A1/A2	Run	Moderate to High	Moderate	Present	Rock
SSN	A3	Flat	Low	Low	Absent	Rock or Sand
SSC	A1/A2	Flat	Low	Moderate	Present	Rock or Sand

[a] Based on subjective measure by field biologist.

Substrate Classification System

Modified Wentworth classification for substrate particle sizes (from Cummins 1962)

Category	Particle Size Range (mm)
Bedrock	-
Boulder	>256
Cobble	32 - 256
Gravel	1 - 32
Sand	0.0625 - 0.2-1
Silt	0.0039-0.0625
Clay	<0.0039
Organics	-

Appendix – B2
Site Characteristics Definitions

Habitat type:	See Appendix B1 for definitions.
Water conductivity:	Measured using Hanna HI98311 EC/TDS meter (μ*S*/cm) (± 2% full scale).
Water temperature:	Measured using Hanna HI98311 EC/TDS meter (± 0.1^{o}C).
Water pH:	Measured using Hanna HI98311 EC/TDS meter (± 0.01).
Water clarity:	Measured to the nearest centimetre using a secchi plate mounted on a pole (plate was 2.5 cm wide x 21 cm long partitioned into three equal sections of black, white, and black).
Sample effort:	Dependent on sample method. Boat electrofishing measured as number of fish/km, backpack electrofishing effort measured as number of fish/m, beach seine effort measured as number fish/100 m^2, gill net effort measured as number fish/100 m^2/24 h, and minnow trap effort measured as number of fish/trap/24 h.
Substrate type (%):	Material forming the bottom of the stream bed (see Substrate Classification System, Appendix B1). Visually rated within a predetermined area of stream bed.
Fish Cover (%):	Overhead (Ovh) cover, rock cover, large organic debris (LOD) cover, submergent (Sub) vegetation cover, emergent (Emer) vegetation cover, algal cover, that provide protection for fish within a predetermined area.
D90 (cm):	Represented the average size of substrate particle that is in the 90th percentile.
Embeddedness:	Degree to which rock substrates are surrounded and/or are covered by fines (Low, Moderate, High).
Compaction:	Looseness of substrate; ability to be moved during high flow (Low, Moderate, High).
Depth (m):	Depth of water at a point measured to nearest centimetre. At beach seines sites depth is measured at ¼, ½, and ¾ of the haul width. Depth at electrofisher sites depth is measured in the same manner across the width of sampled area.
Velocity (m/s):	Measured in the same place depth is taken at beach seine and backpack electrofisher sites. Measured with Swoffer Model 2100 flow meter wading wand (wand automatically determines depth at 0.6 m from water surface – best place to determine average velocity of water column in relatively shallow water) (m/s every 6.0 seconds).

Appendix – B3
Fish Life History Data Abbreviations and Codes

BC Label	Alberta Label	Common Name	Scientific Name	BC Label	Alberta Label	Common Name	Scientific Name
RB	RBTR	Rainbow trout	*Oncorhynchus mykiss*	BB	BURB	Burbot	*Lota lota*
GB	BNTR	Brown trout	*Salmo trutta*	CCG	SLSC	Slimy sculpin	*Cottus cognatus*
CT	CTTR	Cutthroat trout	*Oncorhynchus clarkii*	CRI	SPSC	Spoonhead sculpin	*Cottus ricei*
BT	BLTR	Bull trout	*Salvelinus confluentus*	CAS	PRSC	Prickly sculpin	*Cottus asper*
DV	DOVR	Dolly varden	*Salvelinus malma*	CAL	CSSC	Coastrange sculpin	*Cottus aleuticus*
LT	LKTR	Lake trout	*Salvelinus namaycush*	CCN	SHSC	Shorthead sculpin	*Cottus confusus*
AC	ARCH	Arctic char	*Salvelinus alpinus*	CLA	PSSC	Pacific staghorn sculpin	*Leptocottus armatus*
EB	BKTR	Brook trout	*Salvelinus fontinalis*	CBA	MTSC	Mottled sculpin	*Cottus bairdii*
GR	ARGR	Arctic grayling	*Thymallus arcticus*	CRH	TRSC	Torrent sculpin	*Cottus rhotheus*
MW	MNWH	Mountain whitefish	*Prosopium williamsoni*	BSB	BRST	Brook stickleback	*Culaea inconstans*
RW	RNWH	Round whitefish	*Prosopium cylindraceum*	NSB	NNST	Ninespine stickleback	*Pungitius pungitius*
PW	PGWH	Pygmy whitefish	*Prosopium coulterii*	TSB	THST	Threespine stickleback	*Gasterosteus aculeatus*
LW	LKWH	Lake whitefish	*Coregonus clupeaformis*	RSC	RDSH	Redside shiner	*Richardsonius balteatus*
KO	KOKA	Kokanee	*Oncorhynchus nerka*	NSC	NPMN	Northern pikeminnow	*Ptychocheilus oregonensis*
LSU	LNSC	Longnose sucker	*Catostomus catostomus*	PDC	PRDC	Pearl dace	*Margariscus margarita*
WSU	WHSC	White sucker	*Catostomus commersonii*	PCC	PEAM	Peamouth	*Mylocheilus caurinus*
CSU	LSSC	Largescale sucker	*Catostomus macrocheilus*	FHC	FLCH	Flathead chub	*Platygobio gracilis*
BSC	BRSC	Bridgelip sucker	*Catostomus columbianus*	LKC	LKCH	Lake chub	*Couesius plumbeus*
MSC	MNSC	Mountain sucker	*Catostomus platyrhynchus*	LNC	LNDC	Longnose dace	*Rhinichthys cataractae*
CMC	CHIS	Chiselmouth	*Acrocheilus alutaceus*	FDC	FNDC	Finescale dace	*Phoxinus neogaeus*
LSG	LKST	Lake sturgeon	*Acipenser fulvescens*	RDC	NRDC	Northern redbelly dace	*Phoxinus eos*
WSG	WHST	White sturgeon	*Acipenser transmontanus*	LDC	LPDC	Leopard dace	*Rhinichthys falcatus*
GE	GOLD	Goldeye	*Hiodon alosoides*	ESC	EMSH	Emerald shiner	*Notropis atherinoides*
NP	NRPK	Northern pike	*Esox lucius*	STC	SPSH	Spottail shiner	*Notropis hudsonius*
WP	WALL	Walleye	*Sander vitreus*	FM	FTMN	Fathead minnow	*Pimephales promelas*
	SAUG	Sauger	*Sander canadensis*	TP	TRPR	Trout-perch	*Percopsis omiscomaycus*
YP	YLPR	Yellow perch	*Perca flavescens*		IWDR	Iowa darter	*Etheostoma exile*

Sex and Maturity Descriptions

M	F	Class	Description
99		Immature A	Sex indeterminable due to small gonad size.
01	11	Immature B	Small gonad size; fish has never spawned and will not spawn during the coming spawning season.
02	12		Maturing but not ready to spawn; will spawn this year
06	16	Alternate	Small gonad size associated with large size; suggests alternate year spawner.
07	17	Gravid	Sexual organs fill cavity testes white, drops of milt fall with pressure; eggs completely round, some already translucent.
08	18	Ripe	Roe or milt are extruded by slight pressure on the belly.
09	19	Spent	Spawning completed; resorbtion of residual ovarian tissue is not yet complete.
10	20	External	Sex determined by external characteristics
97		Adult	Based on fish size; sex not determined.
98		Juvenile	Based on fish size; sex not determined.

Capture Method Codes

Code	Capture Method	Code	Capture Method
SL	Set line	ES	Boat electrofisher
DN	Dip net	EF	Backpack electrofisher
GN	Gill net	AL	Angling
BS	Beach seine	GE	Gee minnow trap
HN	Hoop net	RST	Rotary screw trap
TR	Trap		

Tag Codes

Code	Tag Code
Y, W, O	Color code for tag (Yellow, White, Orange)

Tag Type
PIT (Passive Integrated Transponder)
Radio (Radio transmitter tags)
Floy

Capture Codes

Code	Capture Code
0	First capture, released
1	First capture, mortality
2	Recapture, released
3	Recapture, mortality
5	Recapture, fin clip and lost tag

Age Structure Codes

Code	Age Structure	Code	Age Structure
SC	Scales	CL	Cleithra
OT	Otoliths	CS	Cleithra and scales
SO	Scales and otoliths	SF	Scales and fin rays
FR	Fin ray		

Identified to Family

BC/Alberta Label	Family
SU/SUCK	Catostomidae
CC/SCUL	Cottidae
MINN	Cyprinidae

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APPENDIX C
Environmental Characteristics

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Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
13-May-09	0:00:00	6.1	20-Jun-09	18:00:00	14.5	29-Jul-09	12:00:00	19.9	6-Sep-09	6:00:00	14.9
13-May-09	1:00:00	6.1	20-Jun-09	19:00:00	14.6	29-Jul-09	13:00:00	20.3	6-Sep-09	7:00:00	14.6
13-May-09	2:00:00	6.1	20-Jun-09	20:00:00	14.5	29-Jul-09	14:00:00	20.6	6-Sep-09	8:00:00	14.6
13-May-09	3:00:00	5.9	20-Jun-09	21:00:00	14.5	29-Jul-09	15:00:00	21.3	6-Sep-09	9:00:00	14.5
13-May-09	4:00:00	5.8	20-Jun-09	22:00:00	14.2	29-Jul-09	16:00:00	21.8	6-Sep-09	10:00:00	14.2
13-May-09	5:00:00	5.6	20-Jun-09	23:00:00	13.9	29-Jul-09	17:00:00	21.9	6-Sep-09	11:00:00	13.9
13-May-09	6:00:00	5.6	21-Jun-09	0:00:00	13.8	29-Jul-09	18:00:00	22.1	6-Sep-09	12:00:00	13.9
13-May-09	7:00:00	5.5	21-Jun-09	1:00:00	13.3	29-Jul-09	19:00:00	22.1	6-Sep-09	13:00:00	13.8
13-May-09	8:00:00	5.3	21-Jun-09	2:00:00	13.2	29-Jul-09	20:00:00	22.1	6-Sep-09	14:00:00	13.8
13-May-09	9:00:00	5.3	21-Jun-09	3:00:00	13.0	29-Jul-09	21:00:00	21.9	6-Sep-09	15:00:00	13.8
13-May-09	10:00:00	5.3	21-Jun-09	4:00:00	12.6	29-Jul-09	22:00:00	21.9	6-Sep-09	16:00:00	13.9
13-May-09	11:00:00	5.3	21-Jun-09	5:00:00	12.6	29-Jul-09	23:00:00	21.6	6-Sep-09	17:00:00	14.0
13-May-09	12:00:00	5.5	21-Jun-09	6:00:00	12.3	30-Jul-09	0:00:00	21.3	6-Sep-09	18:00:00	13.9
13-May-09	13:00:00	5.6	21-Jun-09	7:00:00	12.1	30-Jul-09	1:00:00	21.1	6-Sep-09	19:00:00	13.9
13-May-09	14:00:00	5.8	21-Jun-09	8:00:00	12.0	30-Jul-09	2:00:00	20.8	6-Sep-09	20:00:00	13.9
13-May-09	15:00:00	5.9	21-Jun-09	9:00:00	11.8	30-Jul-09	3:00:00	20.5	6-Sep-09	21:00:00	13.8
13-May-09	16:00:00	6.1	21-Jun-09	10:00:00	12.0	30-Jul-09	4:00:00	20.3	6-Sep-09	22:00:00	13.5
13-May-09	17:00:00	6.4	21-Jun-09	11:00:00	12.0	30-Jul-09	5:00:00	19.9	6-Sep-09	23:00:00	13.3
13-May-09	18:00:00	6.2	21-Jun-09	12:00:00	12.1	30-Jul-09	6:00:00	19.9	7-Sep-09	0:00:00	13.2
13-May-09	19:00:00	6.2	21-Jun-09	13:00:00	12.3	30-Jul-09	7:00:00	19.5	7-Sep-09	1:00:00	13.0
13-May-09	20:00:00	6.4	21-Jun-09	14:00:00	12.6	30-Jul-09	8:00:00	19.4	7-Sep-09	2:00:00	12.9
13-May-09	21:00:00	6.4	21-Jun-09	15:00:00	13.0	30-Jul-09	9:00:00	19.2	7-Sep-09	3:00:00	12.7
13-May-09	22:00:00	6.4	21-Jun-09	16:00:00	13.2	30-Jul-09	10:00:00	19.1	7-Sep-09	4:00:00	12.6
13-May-09	23:00:00	6.2	21-Jun-09	17:00:00	13.5	30-Jul-09	11:00:00	19.1	7-Sep-09	5:00:00	12.4
14-May-09	0:00:00	6.1	21-Jun-09	18:00:00	13.8	30-Jul-09	12:00:00	19.2	7-Sep-09	6:00:00	12.3
14-May-09	1:00:00	5.8	21-Jun-09	19:00:00	13.9	30-Jul-09	13:00:00	19.5	7-Sep-09	7:00:00	12.1
14-May-09	2:00:00	5.8	21-Jun-09	20:00:00	13.9	30-Jul-09	14:00:00	20.2	7-Sep-09	8:00:00	12.1
14-May-09	3:00:00	5.6	21-Jun-09	21:00:00	13.9	30-Jul-09	15:00:00	20.6	7-Sep-09	9:00:00	12.1
14-May-09	4:00:00	5.5	21-Jun-09	22:00:00	13.9	30-Jul-09	16:00:00	21.1	7-Sep-09	10:00:00	12.1
14-May-09	5:00:00	5.3	21-Jun-09	23:00:00	13.8	30-Jul-09	17:00:00	21.4	7-Sep-09	11:00:00	12.1
14-May-09	6:00:00	5.0	22-Jun-09	0:00:00	13.5	30-Jul-09	18:00:00	21.6	7-Sep-09	12:00:00	12.1
14-May-09	7:00:00	5.0	22-Jun-09	1:00:00	13.3	30-Jul-09	19:00:00	21.9	7-Sep-09	13:00:00	12.3
14-May-09	8:00:00	5.0	22-Jun-09	2:00:00	13.0	30-Jul-09	20:00:00	21.9	7-Sep-09	14:00:00	12.4
14-May-09	9:00:00	5.0	22-Jun-09	3:00:00	12.7	30-Jul-09	21:00:00	21.8	7-Sep-09	15:00:00	12.6
14-May-09	10:00:00	4.9	22-Jun-09	4:00:00	12.3	30-Jul-09	22:00:00	21.8	7-Sep-09	16:00:00	12.6
14-May-09	11:00:00	5.0	22-Jun-09	5:00:00	12.0	30-Jul-09	23:00:00	21.4	7-Sep-09	17:00:00	12.6
14-May-09	12:00:00	5.5	22-Jun-09	6:00:00	11.8	31-Jul-09	0:00:00	21.3	7-Sep-09	18:00:00	12.6
14-May-09	13:00:00	5.8	22-Jun-09	7:00:00	11.5	31-Jul-09	1:00:00	21.1	7-Sep-09	19:00:00	12.6
14-May-09	14:00:00	6.2	22-Jun-09	8:00:00	11.5	31-Jul-09	2:00:00	20.8	7-Sep-09	20:00:00	12.6
14-May-09	15:00:00	6.4	22-Jun-09	9:00:00	11.4	31-Jul-09	3:00:00	20.6	7-Sep-09	21:00:00	12.6
14-May-09	16:00:00	7.0	22-Jun-09	10:00:00	11.5	31-Jul-09	4:00:00	20.5	7-Sep-09	22:00:00	12.4
14-May-09	17:00:00	7.3	22-Jun-09	11:00:00	11.7	31-Jul-09	5:00:00	20.0	7-Sep-09	23:00:00	12.3
14-May-09	18:00:00	7.3	22-Jun-09	12:00:00	12.0	31-Jul-09	6:00:00	19.9	8-Sep-09	0:00:00	12.3
14-May-09	19:00:00	7.5	22-Jun-09	13:00:00	12.3	31-Jul-09	7:00:00	19.5	8-Sep-09	1:00:00	12.1
14-May-09	20:00:00	7.7	22-Jun-09	14:00:00	12.6	31-Jul-09	8:00:00	19.4	8-Sep-09	2:00:00	12.1
14-May-09	21:00:00	7.5	22-Jun-09	15:00:00	13.0	31-Jul-09	9:00:00	19.2	8-Sep-09	3:00:00	12.0
14-May-09	22:00:00	7.4	22-Jun-09	16:00:00	13.5	31-Jul-09	10:00:00	19.2	8-Sep-09	4:00:00	11.8
14-May-09	23:00:00	7.3	22-Jun-09	17:00:00	13.8	31-Jul-09	11:00:00	19.4	8-Sep-09	5:00:00	11.7
15-May-09	0:00:00	7.1	22-Jun-09	18:00:00	13.9	31-Jul-09	12:00:00	19.5	8-Sep-09	6:00:00	11.5
15-May-09	1:00:00	7.0	22-Jun-09	19:00:00	14.2	31-Jul-09	13:00:00	20.2	8-Sep-09	7:00:00	11.5
15-May-09	2:00:00	6.8	22-Jun-09	20:00:00	13.9	31-Jul-09	14:00:00	20.6	8-Sep-09	8:00:00	11.4
15-May-09	3:00:00	6.5	22-Jun-09	21:00:00	14.0	31-Jul-09	15:00:00	21.1	8-Sep-09	9:00:00	11.4
15-May-09	4:00:00	6.4	22-Jun-09	22:00:00	13.8	31-Jul-09	16:00:00	21.6	8-Sep-09	10:00:00	11.4
15-May-09	5:00:00	6.1	22-Jun-09	23:00:00	13.5	31-Jul-09	17:00:00	21.9	8-Sep-09	11:00:00	11.4
15-May-09	6:00:00	5.9	23-Jun-09	0:00:00	13.3	31-Jul-09	18:00:00	22.4	8-Sep-09	12:00:00	11.5
15-May-09	7:00:00	5.8	23-Jun-09	1:00:00	13.3	31-Jul-09	19:00:00	22.6	8-Sep-09	13:00:00	12.0
15-May-09	8:00:00	5.6	23-Jun-09	2:00:00	13.2	31-Jul-09	20:00:00	22.6	8-Sep-09	14:00:00	12.1
15-May-09	9:00:00	5.5	23-Jun-09	3:00:00	13.0	31-Jul-09	21:00:00	22.6	8-Sep-09	15:00:00	12.1
15-May-09	10:00:00	5.6	23-Jun-09	4:00:00	12.6	31-Jul-09	22:00:00	22.4	8-Sep-09	16:00:00	12.6

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
15-May-09	11:00:00	5.9	23-Jun-09	5:00:00	12.3	31-Jul-09	23:00:00	22.4	8-Sep-09	17:00:00	12.6
15-May-09	12:00:00	6.4	23-Jun-09	6:00:00	12.0	1-Aug-09	0:00:00	21.9	8-Sep-09	18:00:00	13.0
15-May-09	13:00:00	6.8	23-Jun-09	7:00:00	11.5	1-Aug-09	1:00:00	21.9	8-Sep-09	19:00:00	13.0
15-May-09	14:00:00	7.1	23-Jun-09	8:00:00	11.5	1-Aug-09	2:00:00	21.8	8-Sep-09	20:00:00	12.9
15-May-09	15:00:00	7.5	23-Jun-09	9:00:00	11.5	1-Aug-09	3:00:00	21.3	8-Sep-09	21:00:00	12.9
15-May-09	16:00:00	8.0	23-Jun-09	10:00:00	11.5	1-Aug-09	4:00:00	21.1	8-Sep-09	22:00:00	12.6
15-May-09	17:00:00	8.4	23-Jun-09	11:00:00	11.8	1-Aug-09	5:00:00	20.8	8-Sep-09	23:00:00	12.6
15-May-09	18:00:00	9.0	23-Jun-09	12:00:00	12.1	1-Aug-09	6:00:00	20.6	9-Sep-09	0:00:00	12.3
15-May-09	19:00:00	9.0	23-Jun-09	13:00:00	12.6	1-Aug-09	7:00:00	20.5	9-Sep-09	1:00:00	12.1
15-May-09	20:00:00	8.9	23-Jun-09	14:00:00	13.0	1-Aug-09	8:00:00	20.3	9-Sep-09	2:00:00	12.1
15-May-09	21:00:00	9.0	23-Jun-09	15:00:00	13.5	1-Aug-09	9:00:00	20.0	9-Sep-09	3:00:00	12.1
15-May-09	22:00:00	8.9	23-Jun-09	16:00:00	13.9	1-Aug-09	10:00:00	20.2	9-Sep-09	4:00:00	12.0
15-May-09	23:00:00	8.9	23-Jun-09	17:00:00	14.5	1-Aug-09	11:00:00	20.3	9-Sep-09	5:00:00	11.7
16-May-09	0:00:00	8.7	23-Jun-09	18:00:00	14.6	1-Aug-09	12:00:00	20.6	9-Sep-09	6:00:00	11.5
16-May-09	1:00:00	8.4	23-Jun-09	19:00:00	15.1	1-Aug-09	13:00:00	20.8	9-Sep-09	7:00:00	11.4
16-May-09	2:00:00	8.1	23-Jun-09	20:00:00	15.5	1-Aug-09	14:00:00	21.3	9-Sep-09	8:00:00	11.4
16-May-09	3:00:00	8.0	23-Jun-09	21:00:00	15.4	1-Aug-09	15:00:00	21.8	9-Sep-09	9:00:00	11.2
16-May-09	4:00:00	8.0	23-Jun-09	22:00:00	15.1	1-Aug-09	16:00:00	22.1	9-Sep-09	10:00:00	11.1
16-May-09	5:00:00	8.0	23-Jun-09	23:00:00	14.9	1-Aug-09	17:00:00	22.4	9-Sep-09	11:00:00	11.1
16-May-09	6:00:00	8.0	24-Jun-09	0:00:00	14.5	1-Aug-09	18:00:00	22.6	9-Sep-09	12:00:00	11.2
16-May-09	7:00:00	7.8	24-Jun-09	1:00:00	14.2	1-Aug-09	19:00:00	22.6	9-Sep-09	13:00:00	11.5
16-May-09	8:00:00	7.7	24-Jun-09	2:00:00	13.8	1-Aug-09	20:00:00	22.9	9-Sep-09	14:00:00	11.5
16-May-09	9:00:00	7.7	24-Jun-09	3:00:00	13.2	1-Aug-09	21:00:00	22.7	9-Sep-09	15:00:00	11.5
16-May-09	10:00:00	7.8	24-Jun-09	4:00:00	13.0	1-Aug-09	22:00:00	22.7	9-Sep-09	16:00:00	11.8
16-May-09	11:00:00	8.0	24-Jun-09	5:00:00	12.6	1-Aug-09	23:00:00	22.4	9-Sep-09	17:00:00	11.8
16-May-09	12:00:00	8.4	24-Jun-09	6:00:00	12.6	2-Aug-09	0:00:00	22.4	9-Sep-09	18:00:00	11.8
16-May-09	13:00:00	8.4	24-Jun-09	7:00:00	12.3	2-Aug-09	1:00:00	21.9	9-Sep-09	19:00:00	11.8
16-May-09	14:00:00	8.4	24-Jun-09	8:00:00	12.1	2-Aug-09	2:00:00	21.9	9-Sep-09	20:00:00	11.8
16-May-09	15:00:00	8.7	24-Jun-09	9:00:00	12.1	2-Aug-09	3:00:00	21.8	9-Sep-09	21:00:00	11.7
16-May-09	16:00:00	8.7	24-Jun-09	10:00:00	12.4	2-Aug-09	4:00:00	21.3	9-Sep-09	22:00:00	11.7
16-May-09	17:00:00	8.7	24-Jun-09	11:00:00	12.6	2-Aug-09	5:00:00	21.1	9-Sep-09	23:00:00	11.5
16-May-09	18:00:00	8.7	24-Jun-09	12:00:00	13.0	2-Aug-09	6:00:00	20.8	10-Sep-09	0:00:00	11.5
16-May-09	19:00:00	8.9	24-Jun-09	13:00:00	13.5	2-Aug-09	7:00:00	20.6	10-Sep-09	1:00:00	11.5
16-May-09	20:00:00	8.7	24-Jun-09	14:00:00	14.0	2-Aug-09	8:00:00	20.5	10-Sep-09	2:00:00	11.5
16-May-09	21:00:00	8.7	24-Jun-09	15:00:00	14.6	2-Aug-09	9:00:00	20.5	10-Sep-09	3:00:00	11.4
16-May-09	22:00:00	8.6	24-Jun-09	16:00:00	14.9	2-Aug-09	10:00:00	20.3	10-Sep-09	4:00:00	11.1
16-May-09	23:00:00	8.4	24-Jun-09	17:00:00	15.4	2-Aug-09	11:00:00	20.3	10-Sep-09	5:00:00	11.1
17-May-09	0:00:00	8.4	24-Jun-09	18:00:00	15.7	2-Aug-09	12:00:00	20.5	10-Sep-09	6:00:00	11.1
17-May-09	1:00:00	8.3	24-Jun-09	19:00:00	15.7	2-Aug-09	13:00:00	20.5	10-Sep-09	7:00:00	10.9
17-May-09	2:00:00	8.1	24-Jun-09	20:00:00	15.5	2-Aug-09	14:00:00	20.6	10-Sep-09	8:00:00	10.9
17-May-09	3:00:00	8.0	24-Jun-09	21:00:00	15.5	2-Aug-09	15:00:00	20.8	10-Sep-09	9:00:00	10.8
17-May-09	4:00:00	7.8	24-Jun-09	22:00:00	15.5	2-Aug-09	16:00:00	20.6	10-Sep-09	10:00:00	10.9
17-May-09	5:00:00	7.7	24-Jun-09	23:00:00	15.5	2-Aug-09	17:00:00	20.5	10-Sep-09	11:00:00	10.9
17-May-09	6:00:00	7.4	25-Jun-09	0:00:00	15.2	2-Aug-09	18:00:00	20.5	10-Sep-09	12:00:00	11.4
17-May-09	7:00:00	7.3	25-Jun-09	1:00:00	15.1	2-Aug-09	19:00:00	20.3	10-Sep-09	13:00:00	11.8
17-May-09	8:00:00	7.1	25-Jun-09	2:00:00	14.9	2-Aug-09	20:00:00	20.3	10-Sep-09	14:00:00	12.1
17-May-09	9:00:00	6.7	25-Jun-09	3:00:00	14.6	2-Aug-09	21:00:00	20.2	10-Sep-09	15:00:00	12.6
17-May-09	10:00:00	6.5	25-Jun-09	4:00:00	14.5	2-Aug-09	22:00:00	19.9	10-Sep-09	16:00:00	13.0
17-May-09	11:00:00	6.2	25-Jun-09	5:00:00	14.5	2-Aug-09	23:00:00	19.9	10-Sep-09	17:00:00	13.2
17-May-09	12:00:00	6.2	25-Jun-09	6:00:00	14.5	3-Aug-09	0:00:00	19.4	10-Sep-09	18:00:00	13.3
17-May-09	13:00:00	6.2	25-Jun-09	7:00:00	14.2	3-Aug-09	1:00:00	19.2	10-Sep-09	19:00:00	13.3
17-May-09	14:00:00	6.1	25-Jun-09	8:00:00	14.0	3-Aug-09	2:00:00	18.9	10-Sep-09	20:00:00	13.2
17-May-09	15:00:00	6.2	25-Jun-09	9:00:00	13.9	3-Aug-09	3:00:00	18.8	10-Sep-09	21:00:00	13.2
17-May-09	16:00:00	6.4	25-Jun-09	10:00:00	14.2	3-Aug-09	4:00:00	18.6	10-Sep-09	22:00:00	13.0
17-May-09	17:00:00	6.4	25-Jun-09	11:00:00	14.5	3-Aug-09	5:00:00	18.3	10-Sep-09	23:00:00	13.0
17-May-09	18:00:00	6.4	25-Jun-09	12:00:00	14.6	3-Aug-09	6:00:00	18.1	11-Sep-09	0:00:00	12.7
17-May-09	19:00:00	6.4	25-Jun-09	13:00:00	14.6	3-Aug-09	7:00:00	18.0	11-Sep-09	1:00:00	12.6
17-May-09	20:00:00	6.2	25-Jun-09	14:00:00	14.6	3-Aug-09	8:00:00	17.8	11-Sep-09	2:00:00	12.6
17-May-09	21:00:00	6.2	25-Jun-09	15:00:00	15.1	3-Aug-09	9:00:00	17.5	11-Sep-09	3:00:00	12.3

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
17-May-09	22:00:00	6.1	25-Jun-09	16:00:00	15.4	3-Aug-09	10:00:00	17.4	11-Sep-09	4:00:00	12.1
17-May-09	23:00:00	5.8	25-Jun-09	17:00:00	15.7	3-Aug-09	11:00:00	17.1	11-Sep-09	5:00:00	12.1
18-May-09	0:00:00	5.8	25-Jun-09	18:00:00	15.5	3-Aug-09	12:00:00	17.1	11-Sep-09	6:00:00	12.1
18-May-09	1:00:00	5.5	25-Jun-09	19:00:00	15.5	3-Aug-09	13:00:00	16.8	11-Sep-09	7:00:00	12.0
18-May-09	2:00:00	5.3	25-Jun-09	20:00:00	15.4	3-Aug-09	14:00:00	16.8	11-Sep-09	8:00:00	11.8
18-May-09	3:00:00	5.2	25-Jun-09	21:00:00	14.9	3-Aug-09	15:00:00	16.8	11-Sep-09	9:00:00	11.8
18-May-09	4:00:00	5.2	25-Jun-09	22:00:00	14.6	3-Aug-09	16:00:00	16.8	11-Sep-09	10:00:00	11.7
18-May-09	5:00:00	5.0	25-Jun-09	23:00:00	14.3	3-Aug-09	17:00:00	16.8	11-Sep-09	11:00:00	12.0
18-May-09	6:00:00	4.9	26-Jun-09	0:00:00	13.9	3-Aug-09	18:00:00	16.8	11-Sep-09	12:00:00	12.3
18-May-09	7:00:00	4.7	26-Jun-09	1:00:00	13.8	3-Aug-09	19:00:00	16.8	11-Sep-09	13:00:00	12.7
18-May-09	8:00:00	4.6	26-Jun-09	2:00:00	13.9	3-Aug-09	20:00:00	16.6	11-Sep-09	14:00:00	13.2
18-May-09	9:00:00	4.6	26-Jun-09	3:00:00	13.9	3-Aug-09	21:00:00	16.3	11-Sep-09	15:00:00	13.8
18-May-09	10:00:00	4.7	26-Jun-09	4:00:00	13.8	3-Aug-09	22:00:00	16.3	11-Sep-09	16:00:00	14.2
18-May-09	11:00:00	4.9	26-Jun-09	5:00:00	13.5	3-Aug-09	23:00:00	15.9	11-Sep-09	17:00:00	14.2
18-May-09	12:00:00	4.9	26-Jun-09	6:00:00	13.3	4-Aug-09	0:00:00	15.7	11-Sep-09	18:00:00	14.5
18-May-09	13:00:00	5.0	26-Jun-09	7:00:00	13.2	4-Aug-09	1:00:00	15.5	11-Sep-09	19:00:00	14.5
18-May-09	14:00:00	5.2	26-Jun-09	8:00:00	13.2	4-Aug-09	2:00:00	15.2	11-Sep-09	20:00:00	14.2
18-May-09	15:00:00	5.5	26-Jun-09	9:00:00	13.0	4-Aug-09	3:00:00	14.9	11-Sep-09	21:00:00	14.2
18-May-09	16:00:00	5.6	26-Jun-09	10:00:00	13.0	4-Aug-09	4:00:00	14.9	11-Sep-09	22:00:00	14.2
18-May-09	17:00:00	5.8	26-Jun-09	11:00:00	13.2	4-Aug-09	5:00:00	14.6	11-Sep-09	23:00:00	14.0
18-May-09	18:00:00	5.6	26-Jun-09	12:00:00	13.2	4-Aug-09	6:00:00	14.5	12-Sep-09	0:00:00	14.0
18-May-09	19:00:00	5.8	26-Jun-09	13:00:00	13.2	4-Aug-09	7:00:00	14.5	12-Sep-09	1:00:00	13.9
18-May-09	20:00:00	5.8	26-Jun-09	14:00:00	13.2	4-Aug-09	8:00:00	14.2	12-Sep-09	2:00:00	13.6
18-May-09	21:00:00	5.8	26-Jun-09	15:00:00	13.2	4-Aug-09	9:00:00	14.0	12-Sep-09	3:00:00	13.5
18-May-09	22:00:00	5.6	26-Jun-09	16:00:00	13.2	4-Aug-09	10:00:00	14.0	12-Sep-09	4:00:00	13.2
18-May-09	23:00:00	5.5	26-Jun-09	17:00:00	13.3	4-Aug-09	11:00:00	14.2	12-Sep-09	5:00:00	13.0
19-May-09	0:00:00	5.2	26-Jun-09	18:00:00	13.3	4-Aug-09	12:00:00	14.2	12-Sep-09	6:00:00	13.0
19-May-09	1:00:00	5.0	26-Jun-09	19:00:00	13.3	4-Aug-09	13:00:00	14.5	12-Sep-09	7:00:00	12.7
19-May-09	2:00:00	4.9	26-Jun-09	20:00:00	13.3	4-Aug-09	14:00:00	14.9	12-Sep-09	8:00:00	12.6
19-May-09	3:00:00	4.9	26-Jun-09	21:00:00	13.2	4-Aug-09	15:00:00	14.9	12-Sep-09	9:00:00	12.6
19-May-09	4:00:00	4.7	26-Jun-09	22:00:00	13.2	4-Aug-09	16:00:00	15.4	12-Sep-09	10:00:00	12.6
19-May-09	5:00:00	4.6	26-Jun-09	23:00:00	13.2	4-Aug-09	17:00:00	15.5	12-Sep-09	11:00:00	12.6
19-May-09	6:00:00	4.4	27-Jun-09	0:00:00	12.9	4-Aug-09	18:00:00	15.5	12-Sep-09	12:00:00	12.7
19-May-09	7:00:00	4.4	27-Jun-09	1:00:00	12.6	4-Aug-09	19:00:00	15.5	12-Sep-09	13:00:00	13.2
19-May-09	8:00:00	4.3	27-Jun-09	2:00:00	12.3	4-Aug-09	20:00:00	15.7	12-Sep-09	14:00:00	13.8
19-May-09	9:00:00	4.1	27-Jun-09	3:00:00	12.1	4-Aug-09	21:00:00	15.5	12-Sep-09	15:00:00	14.2
19-May-09	10:00:00	4.1	27-Jun-09	4:00:00	12.0	4-Aug-09	22:00:00	15.2	12-Sep-09	16:00:00	14.5
19-May-09	11:00:00	4.1	27-Jun-09	5:00:00	11.5	4-Aug-09	23:00:00	14.9	12-Sep-09	17:00:00	14.9
19-May-09	12:00:00	4.1	27-Jun-09	6:00:00	11.5	5-Aug-09	0:00:00	14.9	12-Sep-09	18:00:00	15.4
19-May-09	13:00:00	4.1	27-Jun-09	7:00:00	11.1	5-Aug-09	1:00:00	14.6	12-Sep-09	19:00:00	15.4
19-May-09	14:00:00	4.0	27-Jun-09	8:00:00	11.1	5-Aug-09	2:00:00	14.5	12-Sep-09	20:00:00	15.4
19-May-09	15:00:00	4.0	27-Jun-09	9:00:00	11.1	5-Aug-09	3:00:00	14.3	12-Sep-09	21:00:00	15.2
19-May-09	16:00:00	4.1	27-Jun-09	10:00:00	10.9	5-Aug-09	4:00:00	13.9	12-Sep-09	22:00:00	15.1
19-May-09	17:00:00	4.4	27-Jun-09	11:00:00	10.9	5-Aug-09	5:00:00	13.9	12-Sep-09	23:00:00	14.9
19-May-09	18:00:00	4.7	27-Jun-09	12:00:00	10.9	5-Aug-09	6:00:00	13.8	13-Sep-09	0:00:00	14.9
19-May-09	19:00:00	4.9	27-Jun-09	13:00:00	11.1	5-Aug-09	7:00:00	13.5	13-Sep-09	1:00:00	14.6
19-May-09	20:00:00	4.9	27-Jun-09	14:00:00	11.2	5-Aug-09	8:00:00	13.3	13-Sep-09	2:00:00	14.5
19-May-09	21:00:00	4.9	27-Jun-09	15:00:00	11.5	5-Aug-09	9:00:00	13.3	13-Sep-09	3:00:00	14.5
19-May-09	22:00:00	4.7	27-Jun-09	16:00:00	11.8	5-Aug-09	10:00:00	13.2	13-Sep-09	4:00:00	14.5
19-May-09	23:00:00	4.6	27-Jun-09	17:00:00	12.1	5-Aug-09	11:00:00	13.3	13-Sep-09	5:00:00	14.3
20-May-09	0:00:00	4.6	27-Jun-09	18:00:00	12.4	5-Aug-09	12:00:00	13.8	13-Sep-09	6:00:00	14.2
20-May-09	1:00:00	4.4	27-Jun-09	19:00:00	12.6	5-Aug-09	13:00:00	13.9	13-Sep-09	7:00:00	14.0
20-May-09	2:00:00	4.4	27-Jun-09	20:00:00	12.6	5-Aug-09	14:00:00	14.5	13-Sep-09	8:00:00	13.9
20-May-09	3:00:00	4.3	27-Jun-09	21:00:00	12.7	5-Aug-09	15:00:00	14.6	13-Sep-09	9:00:00	13.9
20-May-09	4:00:00	4.1	27-Jun-09	22:00:00	12.7	5-Aug-09	16:00:00	14.9	13-Sep-09	10:00:00	13.8
20-May-09	5:00:00	4.1	27-Jun-09	23:00:00	12.6	5-Aug-09	17:00:00	15.2	13-Sep-09	11:00:00	13.8
20-May-09	6:00:00	4.0	28-Jun-09	0:00:00	12.4	5-Aug-09	18:00:00	15.5	13-Sep-09	12:00:00	13.9
20-May-09	7:00:00	4.0	28-Jun-09	1:00:00	12.1	5-Aug-09	19:00:00	15.9	13-Sep-09	13:00:00	14.3
20-May-09	8:00:00	4.0	28-Jun-09	2:00:00	12.1	5-Aug-09	20:00:00	15.9	13-Sep-09	14:00:00	14.6

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
20-May-09	9:00:00	4.1	28-Jun-09	3:00:00	12.1	5-Aug-09	21:00:00	15.7	13-Sep-09	15:00:00	15.1
20-May-09	10:00:00	4.3	28-Jun-09	4:00:00	11.8	5-Aug-09	22:00:00	15.7	13-Sep-09	16:00:00	15.5
20-May-09	11:00:00	4.7	28-Jun-09	5:00:00	11.8	5-Aug-09	23:00:00	15.5	13-Sep-09	17:00:00	15.9
20-May-09	12:00:00	5.2	28-Jun-09	6:00:00	11.5	6-Aug-09	0:00:00	15.4	13-Sep-09	18:00:00	16.2
20-May-09	13:00:00	5.6	28-Jun-09	7:00:00	11.5	6-Aug-09	1:00:00	15.1	13-Sep-09	19:00:00	16.2
20-May-09	14:00:00	6.2	28-Jun-09	8:00:00	11.4	6-Aug-09	2:00:00	14.9	13-Sep-09	20:00:00	16.2
20-May-09	15:00:00	6.8	28-Jun-09	9:00:00	11.4	6-Aug-09	3:00:00	14.6	13-Sep-09	21:00:00	15.9
20-May-09	16:00:00	7.4	28-Jun-09	10:00:00	11.4	6-Aug-09	4:00:00	14.5	13-Sep-09	22:00:00	15.9
20-May-09	17:00:00	8.0	28-Jun-09	11:00:00	11.5	6-Aug-09	5:00:00	14.5	13-Sep-09	23:00:00	15.5
20-May-09	18:00:00	8.0	28-Jun-09	12:00:00	11.5	6-Aug-09	6:00:00	14.2	14-Sep-09	0:00:00	15.5
20-May-09	19:00:00	8.1	28-Jun-09	13:00:00	11.8	6-Aug-09	7:00:00	13.8	14-Sep-09	1:00:00	15.5
20-May-09	20:00:00	8.1	28-Jun-09	14:00:00	12.0	6-Aug-09	8:00:00	13.8	14-Sep-09	2:00:00	15.4
20-May-09	21:00:00	8.1	28-Jun-09	15:00:00	12.6	6-Aug-09	9:00:00	13.8	14-Sep-09	3:00:00	14.9
20-May-09	22:00:00	8.3	28-Jun-09	16:00:00	13.2	6-Aug-09	10:00:00	13.6	14-Sep-09	4:00:00	14.9
20-May-09	23:00:00	8.3	28-Jun-09	17:00:00	13.5	6-Aug-09	11:00:00	13.9	14-Sep-09	5:00:00	14.5
21-May-09	0:00:00	8.3	28-Jun-09	18:00:00	13.9	6-Aug-09	12:00:00	14.2	14-Sep-09	6:00:00	14.5
21-May-09	1:00:00	8.1	28-Jun-09	19:00:00	14.2	6-Aug-09	13:00:00	14.5	14-Sep-09	7:00:00	14.3
21-May-09	2:00:00	8.1	28-Jun-09	20:00:00	14.5	6-Aug-09	14:00:00	14.9	14-Sep-09	8:00:00	14.2
21-May-09	3:00:00	8.0	28-Jun-09	21:00:00	14.2	6-Aug-09	15:00:00	15.4	14-Sep-09	9:00:00	13.9
21-May-09	4:00:00	7.8	28-Jun-09	22:00:00	14.0	6-Aug-09	16:00:00	15.9	14-Sep-09	10:00:00	13.9
21-May-09	5:00:00	7.8	28-Jun-09	23:00:00	13.9	6-Aug-09	17:00:00	16.3	14-Sep-09	11:00:00	13.9
21-May-09	6:00:00	7.7	29-Jun-09	0:00:00	13.3	6-Aug-09	18:00:00	16.3	14-Sep-09	12:00:00	14.5
21-May-09	7:00:00	7.7	29-Jun-09	1:00:00	12.9	6-Aug-09	19:00:00	16.6	14-Sep-09	13:00:00	14.6
21-May-09	8:00:00	7.7	29-Jun-09	2:00:00	12.7	6-Aug-09	20:00:00	16.6	14-Sep-09	14:00:00	14.9
21-May-09	9:00:00	7.5	29-Jun-09	3:00:00	12.6	6-Aug-09	21:00:00	16.6	14-Sep-09	15:00:00	15.5
21-May-09	10:00:00	7.5	29-Jun-09	4:00:00	12.6	6-Aug-09	22:00:00	16.5	14-Sep-09	16:00:00	15.9
21-May-09	11:00:00	7.8	29-Jun-09	5:00:00	12.1	6-Aug-09	23:00:00	16.3	14-Sep-09	17:00:00	16.2
21-May-09	12:00:00	8.3	29-Jun-09	6:00:00	12.0	7-Aug-09	0:00:00	16.3	14-Sep-09	18:00:00	16.3
21-May-09	13:00:00	8.6	29-Jun-09	7:00:00	11.8	7-Aug-09	1:00:00	16.2	14-Sep-09	19:00:00	16.3
21-May-09	14:00:00	9.2	29-Jun-09	8:00:00	11.7	7-Aug-09	2:00:00	16.2	14-Sep-09	20:00:00	16.2
21-May-09	15:00:00	9.6	29-Jun-09	9:00:00	11.8	7-Aug-09	3:00:00	15.9	14-Sep-09	21:00:00	16.2
21-May-09	16:00:00	10.1	29-Jun-09	10:00:00	12.0	7-Aug-09	4:00:00	15.7	14-Sep-09	22:00:00	16.2
21-May-09	17:00:00	10.6	29-Jun-09	11:00:00	12.1	7-Aug-09	5:00:00	15.5	14-Sep-09	23:00:00	15.9
21-May-09	18:00:00	10.9	29-Jun-09	12:00:00	12.6	7-Aug-09	6:00:00	15.2	15-Sep-09	0:00:00	15.9
21-May-09	19:00:00	11.1	29-Jun-09	13:00:00	12.7	7-Aug-09	7:00:00	15.1	15-Sep-09	1:00:00	15.9
21-May-09	20:00:00	11.1	29-Jun-09	14:00:00	13.2	7-Aug-09	8:00:00	14.9	15-Sep-09	2:00:00	15.7
21-May-09	21:00:00	11.1	29-Jun-09	15:00:00	13.8	7-Aug-09	9:00:00	14.9	15-Sep-09	3:00:00	15.5
21-May-09	22:00:00	11.1	29-Jun-09	16:00:00	14.0	7-Aug-09	10:00:00	14.9	15-Sep-09	4:00:00	15.4
21-May-09	23:00:00	10.9	29-Jun-09	17:00:00	14.5	7-Aug-09	11:00:00	14.9	15-Sep-09	5:00:00	14.9
22-May-09	0:00:00	10.8	29-Jun-09	18:00:00	14.6	7-Aug-09	12:00:00	15.4	15-Sep-09	6:00:00	14.9
22-May-09	1:00:00	10.6	29-Jun-09	19:00:00	14.9	7-Aug-09	13:00:00	15.7	15-Sep-09	7:00:00	14.5
22-May-09	2:00:00	10.5	29-Jun-09	20:00:00	14.9	7-Aug-09	14:00:00	16.2	15-Sep-09	8:00:00	14.5
22-May-09	3:00:00	10.2	29-Jun-09	21:00:00	14.5	7-Aug-09	15:00:00	16.8	15-Sep-09	9:00:00	14.2
22-May-09	4:00:00	10.2	29-Jun-09	22:00:00	14.5	7-Aug-09	16:00:00	17.1	15-Sep-09	10:00:00	14.0
22-May-09	5:00:00	9.9	29-Jun-09	23:00:00	13.9	7-Aug-09	17:00:00	17.5	15-Sep-09	11:00:00	14.3
22-May-09	6:00:00	9.8	30-Jun-09	0:00:00	13.8	7-Aug-09	18:00:00	17.7	15-Sep-09	12:00:00	14.5
22-May-09	7:00:00	9.3	30-Jun-09	1:00:00	13.5	7-Aug-09	19:00:00	18.0	15-Sep-09	13:00:00	14.6
22-May-09	8:00:00	9.2	30-Jun-09	2:00:00	13.2	7-Aug-09	20:00:00	18.1	15-Sep-09	14:00:00	14.9
22-May-09	9:00:00	9.0	30-Jun-09	3:00:00	13.2	7-Aug-09	21:00:00	18.0	15-Sep-09	15:00:00	15.2
22-May-09	10:00:00	9.0	30-Jun-09	4:00:00	13.0	7-Aug-09	22:00:00	18.0	15-Sep-09	16:00:00	15.5
22-May-09	11:00:00	9.5	30-Jun-09	5:00:00	13.0	7-Aug-09	23:00:00	17.7	15-Sep-09	17:00:00	15.7
22-May-09	12:00:00	9.8	30-Jun-09	6:00:00	13.0	8-Aug-09	0:00:00	17.5	15-Sep-09	18:00:00	15.7
22-May-09	13:00:00	10.2	30-Jun-09	7:00:00	12.9	8-Aug-09	1:00:00	17.4	15-Sep-09	19:00:00	15.7
22-May-09	14:00:00	10.8	30-Jun-09	8:00:00	12.6	8-Aug-09	2:00:00	17.4	15-Sep-09	20:00:00	15.7
22-May-09	15:00:00	11.1	30-Jun-09	9:00:00	12.6	8-Aug-09	3:00:00	17.1	15-Sep-09	21:00:00	15.5
22-May-09	16:00:00	11.7	30-Jun-09	10:00:00	12.6	8-Aug-09	4:00:00	16.9	15-Sep-09	22:00:00	15.4
22-May-09	17:00:00	11.8	30-Jun-09	11:00:00	12.6	8-Aug-09	5:00:00	16.8	15-Sep-09	23:00:00	15.2
22-May-09	18:00:00	12.1	30-Jun-09	12:00:00	12.6	8-Aug-09	6:00:00	16.5	16-Sep-09	0:00:00	15.1
22-May-09	19:00:00	12.6	30-Jun-09	13:00:00	12.6	8-Aug-09	7:00:00	16.3	16-Sep-09	1:00:00	14.9

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
22-May-09	20:00:00	12.4	30-Jun-09	14:00:00	12.7	8-Aug-09	8:00:00	16.2	16-Sep-09	2:00:00	14.9
22-May-09	21:00:00	12.6	30-Jun-09	15:00:00	12.6	8-Aug-09	9:00:00	15.9	16-Sep-09	3:00:00	14.9
22-May-09	22:00:00	12.1	30-Jun-09	16:00:00	13.0	8-Aug-09	10:00:00	15.9	16-Sep-09	4:00:00	14.6
22-May-09	23:00:00	12.1	30-Jun-09	17:00:00	13.2	8-Aug-09	11:00:00	16.2	16-Sep-09	5:00:00	14.5
23-May-09	0:00:00	12.0	30-Jun-09	18:00:00	13.2	8-Aug-09	12:00:00	16.5	16-Sep-09	6:00:00	14.5
23-May-09	1:00:00	11.5	30-Jun-09	19:00:00	13.3	8-Aug-09	13:00:00	16.8	16-Sep-09	7:00:00	14.5
23-May-09	2:00:00	11.4	30-Jun-09	20:00:00	13.5	8-Aug-09	14:00:00	17.1	16-Sep-09	8:00:00	14.3
23-May-09	3:00:00	11.5	30-Jun-09	21:00:00	13.5	8-Aug-09	15:00:00	17.5	16-Sep-09	9:00:00	14.0
23-May-09	4:00:00	11.1	30-Jun-09	22:00:00	13.2	8-Aug-09	16:00:00	18.1	16-Sep-09	10:00:00	13.9
23-May-09	5:00:00	10.8	30-Jun-09	23:00:00	13.0	8-Aug-09	17:00:00	18.3	16-Sep-09	11:00:00	13.9
23-May-09	6:00:00	10.6	1-Jul-09	0:00:00	12.7	8-Aug-09	18:00:00	18.6	16-Sep-09	12:00:00	13.9
23-May-09	7:00:00	10.2	1-Jul-09	1:00:00	12.6	8-Aug-09	19:00:00	18.6	16-Sep-09	13:00:00	13.9
23-May-09	8:00:00	10.2	1-Jul-09	2:00:00	12.6	8-Aug-09	20:00:00	18.6	16-Sep-09	14:00:00	13.9
23-May-09	9:00:00	9.9	1-Jul-09	3:00:00	12.6	8-Aug-09	21:00:00	18.4	16-Sep-09	15:00:00	13.9
23-May-09	10:00:00	10.2	1-Jul-09	4:00:00	12.3	8-Aug-09	22:00:00	18.3	16-Sep-09	16:00:00	13.9
23-May-09	11:00:00	10.2	1-Jul-09	5:00:00	12.1	8-Aug-09	23:00:00	18.1	16-Sep-09	17:00:00	13.9
23-May-09	12:00:00	10.3	1-Jul-09	6:00:00	12.0	9-Aug-09	0:00:00	17.8	16-Sep-09	18:00:00	13.9
23-May-09	13:00:00	10.8	1-Jul-09	7:00:00	11.8	9-Aug-09	1:00:00	17.5	16-Sep-09	19:00:00	13.9
23-May-09	14:00:00	11.4	1-Jul-09	8:00:00	11.8	9-Aug-09	2:00:00	17.4	16-Sep-09	20:00:00	13.9
23-May-09	15:00:00	11.5	1-Jul-09	9:00:00	11.7	9-Aug-09	3:00:00	17.1	16-Sep-09	21:00:00	13.8
23-May-09	16:00:00	11.8	1-Jul-09	10:00:00	11.7	9-Aug-09	4:00:00	16.9	16-Sep-09	22:00:00	13.8
23-May-09	17:00:00	12.0	1-Jul-09	11:00:00	11.7	9-Aug-09	5:00:00	16.8	16-Sep-09	23:00:00	13.8
23-May-09	18:00:00	12.0	1-Jul-09	12:00:00	12.0	9-Aug-09	6:00:00	16.6	17-Sep-09	0:00:00	13.6
23-May-09	19:00:00	12.3	1-Jul-09	13:00:00	12.0	9-Aug-09	7:00:00	16.3	17-Sep-09	1:00:00	13.5
23-May-09	20:00:00	12.6	1-Jul-09	14:00:00	12.1	9-Aug-09	8:00:00	16.3	17-Sep-09	2:00:00	13.5
23-May-09	21:00:00	12.3	1-Jul-09	15:00:00	12.7	9-Aug-09	9:00:00	16.2	17-Sep-09	3:00:00	13.3
23-May-09	22:00:00	12.3	1-Jul-09	16:00:00	13.0	9-Aug-09	10:00:00	16.2	17-Sep-09	4:00:00	13.2
23-May-09	23:00:00	12.1	1-Jul-09	17:00:00	13.6	9-Aug-09	11:00:00	16.3	17-Sep-09	5:00:00	13.0
24-May-09	0:00:00	11.8	1-Jul-09	18:00:00	13.8	9-Aug-09	12:00:00	16.5	17-Sep-09	6:00:00	12.7
24-May-09	1:00:00	11.7	1-Jul-09	19:00:00	13.9	9-Aug-09	13:00:00	16.9	17-Sep-09	7:00:00	12.6
24-May-09	2:00:00	11.5	1-Jul-09	20:00:00	14.2	9-Aug-09	14:00:00	17.4	17-Sep-09	8:00:00	12.3
24-May-09	3:00:00	11.4	1-Jul-09	21:00:00	14.2	9-Aug-09	15:00:00	17.8	17-Sep-09	9:00:00	12.3
24-May-09	4:00:00	10.8	1-Jul-09	22:00:00	14.0	9-Aug-09	16:00:00	18.1	17-Sep-09	10:00:00	12.1
24-May-09	5:00:00	10.8	1-Jul-09	23:00:00	13.8	9-Aug-09	17:00:00	18.8	17-Sep-09	11:00:00	12.1
24-May-09	6:00:00	10.3	2-Jul-09	0:00:00	13.5	9-Aug-09	18:00:00	18.8	17-Sep-09	12:00:00	12.4
24-May-09	7:00:00	10.2	2-Jul-09	1:00:00	13.3	9-Aug-09	19:00:00	18.8	17-Sep-09	13:00:00	12.9
24-May-09	8:00:00	9.8	2-Jul-09	2:00:00	13.2	9-Aug-09	20:00:00	18.6	17-Sep-09	14:00:00	13.3
24-May-09	9:00:00	9.8	2-Jul-09	3:00:00	13.0	9-Aug-09	21:00:00	18.6	17-Sep-09	15:00:00	13.8
24-May-09	10:00:00	9.8	2-Jul-09	4:00:00	12.7	9-Aug-09	22:00:00	18.1	17-Sep-09	16:00:00	13.9
24-May-09	11:00:00	10.2	2-Jul-09	5:00:00	12.6	9-Aug-09	23:00:00	18.1	17-Sep-09	17:00:00	14.2
24-May-09	12:00:00	10.3	2-Jul-09	6:00:00	12.4	10-Aug-09	0:00:00	17.8	17-Sep-09	18:00:00	14.2
24-May-09	13:00:00	10.9	2-Jul-09	7:00:00	12.1	10-Aug-09	1:00:00	17.5	17-Sep-09	19:00:00	14.0
24-May-09	14:00:00	10.8	2-Jul-09	8:00:00	12.1	10-Aug-09	2:00:00	17.4	17-Sep-09	20:00:00	13.9
24-May-09	15:00:00	10.8	2-Jul-09	9:00:00	12.1	10-Aug-09	3:00:00	17.1	17-Sep-09	21:00:00	13.8
24-May-09	16:00:00	10.9	2-Jul-09	10:00:00	12.1	10-Aug-09	4:00:00	16.8	17-Sep-09	22:00:00	13.5
24-May-09	17:00:00	11.4	2-Jul-09	11:00:00	12.6	10-Aug-09	5:00:00	16.8	17-Sep-09	23:00:00	13.3
24-May-09	18:00:00	11.5	2-Jul-09	12:00:00	13.2	10-Aug-09	6:00:00	16.5	18-Sep-09	0:00:00	13.2
24-May-09	19:00:00	12.0	2-Jul-09	13:00:00	13.8	10-Aug-09	7:00:00	16.2	18-Sep-09	1:00:00	13.0
24-May-09	20:00:00	12.0	2-Jul-09	14:00:00	14.2	10-Aug-09	8:00:00	16.2	18-Sep-09	2:00:00	13.0
24-May-09	21:00:00	11.7	2-Jul-09	15:00:00	14.5	10-Aug-09	9:00:00	15.9	18-Sep-09	3:00:00	12.9
24-May-09	22:00:00	11.7	2-Jul-09	16:00:00	14.9	10-Aug-09	10:00:00	15.9	18-Sep-09	4:00:00	12.7
24-May-09	23:00:00	11.5	2-Jul-09	17:00:00	14.6	10-Aug-09	11:00:00	16.2	18-Sep-09	5:00:00	12.6
25-May-09	0:00:00	11.1	2-Jul-09	18:00:00	14.6	10-Aug-09	12:00:00	16.2	18-Sep-09	6:00:00	12.6
25-May-09	1:00:00	10.8	2-Jul-09	19:00:00	14.6	10-Aug-09	13:00:00	16.5	18-Sep-09	7:00:00	12.3
25-May-09	2:00:00	10.3	2-Jul-09	20:00:00	14.6	10-Aug-09	14:00:00	16.8	18-Sep-09	8:00:00	12.1
25-May-09	3:00:00	9.9	2-Jul-09	21:00:00	14.9	10-Aug-09	15:00:00	16.9	18-Sep-09	9:00:00	12.1
25-May-09	4:00:00	9.8	2-Jul-09	22:00:00	14.9	10-Aug-09	16:00:00	17.4	18-Sep-09	10:00:00	12.1
25-May-09	5:00:00	9.5	2-Jul-09	23:00:00	14.9	10-Aug-09	17:00:00	17.5	18-Sep-09	11:00:00	12.1
25-May-09	6:00:00	9.2	3-Jul-09	0:00:00	14.6	10-Aug-09	18:00:00	17.5	18-Sep-09	12:00:00	12.3

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
25-May-09	7:00:00	8.9	3-Jul-09	1:00:00	14.5	10-Aug-09	19:00:00	17.4	18-Sep-09	13:00:00	12.6
25-May-09	8:00:00	8.7	3-Jul-09	2:00:00	14.5	10-Aug-09	20:00:00	17.4	18-Sep-09	14:00:00	13.0
25-May-09	9:00:00	8.7	3-Jul-09	3:00:00	14.2	10-Aug-09	21:00:00	17.1	18-Sep-09	15:00:00	13.3
25-May-09	10:00:00	8.9	3-Jul-09	4:00:00	13.9	10-Aug-09	22:00:00	16.9	18-Sep-09	16:00:00	13.8
25-May-09	11:00:00	9.3	3-Jul-09	5:00:00	13.8	10-Aug-09	23:00:00	16.8	18-Sep-09	17:00:00	13.6
25-May-09	12:00:00	9.8	3-Jul-09	6:00:00	13.5	11-Aug-09	0:00:00	16.5	18-Sep-09	18:00:00	13.8
25-May-09	13:00:00	10.2	3-Jul-09	7:00:00	13.3	11-Aug-09	1:00:00	16.3	18-Sep-09	19:00:00	13.8
25-May-09	14:00:00	10.8	3-Jul-09	8:00:00	13.2	11-Aug-09	2:00:00	16.2	18-Sep-09	20:00:00	13.9
25-May-09	15:00:00	11.4	3-Jul-09	9:00:00	13.2	11-Aug-09	3:00:00	15.9	18-Sep-09	21:00:00	13.8
25-May-09	16:00:00	11.8	3-Jul-09	10:00:00	13.0	11-Aug-09	4:00:00	15.5	18-Sep-09	22:00:00	13.8
25-May-09	17:00:00	11.8	3-Jul-09	11:00:00	13.2	11-Aug-09	5:00:00	15.4	18-Sep-09	23:00:00	13.8
25-May-09	18:00:00	12.1	3-Jul-09	12:00:00	13.5	11-Aug-09	6:00:00	15.1	19-Sep-09	0:00:00	13.5
25-May-09	19:00:00	12.1	3-Jul-09	13:00:00	13.8	11-Aug-09	7:00:00	14.9	19-Sep-09	1:00:00	13.5
25-May-09	20:00:00	12.1	3-Jul-09	14:00:00	13.9	11-Aug-09	8:00:00	14.6	19-Sep-09	2:00:00	13.5
25-May-09	21:00:00	12.0	3-Jul-09	15:00:00	14.2	11-Aug-09	9:00:00	14.6	19-Sep-09	3:00:00	13.5
25-May-09	22:00:00	12.0	3-Jul-09	16:00:00	14.5	11-Aug-09	10:00:00	14.5	19-Sep-09	4:00:00	13.3
25-May-09	23:00:00	12.0	3-Jul-09	17:00:00	14.6	11-Aug-09	11:00:00	14.6	19-Sep-09	5:00:00	13.2
26-May-09	0:00:00	12.0	3-Jul-09	18:00:00	15.4	11-Aug-09	12:00:00	14.9	19-Sep-09	6:00:00	13.0
26-May-09	1:00:00	12.0	3-Jul-09	19:00:00	15.5	11-Aug-09	13:00:00	14.9	19-Sep-09	7:00:00	12.7
26-May-09	2:00:00	11.8	3-Jul-09	20:00:00	15.5	11-Aug-09	14:00:00	14.9	19-Sep-09	8:00:00	12.6
26-May-09	3:00:00	11.5	3-Jul-09	21:00:00	15.2	11-Aug-09	15:00:00	15.5	19-Sep-09	9:00:00	12.4
26-May-09	4:00:00	11.4	3-Jul-09	22:00:00	15.1	11-Aug-09	16:00:00	15.7	19-Sep-09	10:00:00	12.3
26-May-09	5:00:00	11.2	3-Jul-09	23:00:00	14.9	11-Aug-09	17:00:00	16.2	19-Sep-09	11:00:00	12.3
26-May-09	6:00:00	10.9	4-Jul-09	0:00:00	14.6	11-Aug-09	18:00:00	16.3	19-Sep-09	12:00:00	12.6
26-May-09	7:00:00	10.8	4-Jul-09	1:00:00	14.6	11-Aug-09	19:00:00	16.3	19-Sep-09	13:00:00	13.0
26-May-09	8:00:00	10.8	4-Jul-09	2:00:00	14.5	11-Aug-09	20:00:00	16.3	19-Sep-09	14:00:00	13.3
26-May-09	9:00:00	10.8	4-Jul-09	3:00:00	14.5	11-Aug-09	21:00:00	16.2	19-Sep-09	15:00:00	13.5
26-May-09	10:00:00	10.8	4-Jul-09	4:00:00	14.0	11-Aug-09	22:00:00	15.9	19-Sep-09	16:00:00	13.6
26-May-09	11:00:00	10.8	4-Jul-09	5:00:00	13.8	11-Aug-09	23:00:00	15.7	19-Sep-09	17:00:00	13.9
26-May-09	12:00:00	10.6	4-Jul-09	6:00:00	13.5	12-Aug-09	0:00:00	15.5	19-Sep-09	18:00:00	13.8
26-May-09	13:00:00	10.6	4-Jul-09	7:00:00	13.5	12-Aug-09	1:00:00	15.1	19-Sep-09	19:00:00	13.3
26-May-09	14:00:00	10.8	4-Jul-09	8:00:00	13.3	12-Aug-09	2:00:00	14.8	19-Sep-09	20:00:00	13.3
26-May-09	15:00:00	10.8	4-Jul-09	9:00:00	13.3	12-Aug-09	3:00:00	14.5	19-Sep-09	21:00:00	13.2
26-May-09	16:00:00	10.8	4-Jul-09	10:00:00	13.3	12-Aug-09	4:00:00	14.5	19-Sep-09	22:00:00	13.0
26-May-09	17:00:00	10.9	4-Jul-09	11:00:00	13.5	12-Aug-09	5:00:00	14.0	19-Sep-09	23:00:00	12.7
26-May-09	18:00:00	10.9	4-Jul-09	12:00:00	13.8	12-Aug-09	6:00:00	13.9	20-Sep-09	0:00:00	12.6
26-May-09	19:00:00	10.8	4-Jul-09	13:00:00	13.9	12-Aug-09	7:00:00	13.8	20-Sep-09	1:00:00	12.3
26-May-09	20:00:00	10.8	4-Jul-09	14:00:00	14.0	12-Aug-09	8:00:00	13.8	20-Sep-09	2:00:00	12.1
26-May-09	21:00:00	10.8	4-Jul-09	15:00:00	14.5	12-Aug-09	9:00:00	13.6	20-Sep-09	3:00:00	12.1
26-May-09	22:00:00	10.8	4-Jul-09	16:00:00	14.9	12-Aug-09	10:00:00	13.5	20-Sep-09	4:00:00	12.0
26-May-09	23:00:00	10.6	4-Jul-09	17:00:00	15.4	12-Aug-09	11:00:00	13.5	20-Sep-09	5:00:00	11.8
27-May-09	0:00:00	10.3	4-Jul-09	18:00:00	15.5	12-Aug-09	12:00:00	13.5	20-Sep-09	6:00:00	11.5
27-May-09	1:00:00	10.2	4-Jul-09	19:00:00	15.7	12-Aug-09	13:00:00	13.6	20-Sep-09	7:00:00	11.2
27-May-09	2:00:00	10.2	4-Jul-09	20:00:00	15.5	12-Aug-09	14:00:00	13.8	20-Sep-09	8:00:00	11.1
27-May-09	3:00:00	10.1	4-Jul-09	21:00:00	15.5	12-Aug-09	15:00:00	13.8	20-Sep-09	9:00:00	10.9
27-May-09	4:00:00	9.9	4-Jul-09	22:00:00	15.4	12-Aug-09	16:00:00	13.8	20-Sep-09	10:00:00	10.8
27-May-09	5:00:00	9.8	4-Jul-09	23:00:00	15.2	12-Aug-09	17:00:00	13.9	20-Sep-09	11:00:00	10.9
27-May-09	6:00:00	9.6	5-Jul-09	0:00:00	14.9	12-Aug-09	18:00:00	13.9	20-Sep-09	12:00:00	11.2
27-May-09	7:00:00	9.5	5-Jul-09	1:00:00	14.9	12-Aug-09	19:00:00	13.9	20-Sep-09	13:00:00	11.7
27-May-09	8:00:00	9.2	5-Jul-09	2:00:00	14.6	12-Aug-09	20:00:00	13.9	20-Sep-09	14:00:00	12.1
27-May-09	9:00:00	9.2	5-Jul-09	3:00:00	14.5	12-Aug-09	21:00:00	13.9	20-Sep-09	15:00:00	12.4
27-May-09	10:00:00	9.2	5-Jul-09	4:00:00	14.3	12-Aug-09	22:00:00	13.9	20-Sep-09	16:00:00	12.6
27-May-09	11:00:00	9.2	5-Jul-09	5:00:00	14.0	12-Aug-09	23:00:00	13.6	20-Sep-09	17:00:00	12.7
27-May-09	12:00:00	9.0	5-Jul-09	6:00:00	13.8	13-Aug-09	0:00:00	13.5	20-Sep-09	18:00:00	12.7
27-May-09	13:00:00	9.0	5-Jul-09	7:00:00	13.5	13-Aug-09	1:00:00	13.2	20-Sep-09	19:00:00	12.6
27-May-09	14:00:00	9.0	5-Jul-09	8:00:00	13.5	13-Aug-09	2:00:00	13.2	20-Sep-09	20:00:00	12.3
27-May-09	15:00:00	8.9	5-Jul-09	9:00:00	13.3	13-Aug-09	3:00:00	13.0	20-Sep-09	21:00:00	12.3
27-May-09	16:00:00	8.9	5-Jul-09	10:00:00	13.6	13-Aug-09	4:00:00	12.7	20-Sep-09	22:00:00	12.1
27-May-09	17:00:00	8.7	5-Jul-09	11:00:00	13.9	13-Aug-09	5:00:00	12.6	20-Sep-09	23:00:00	12.0

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
27-May-09	18:00:00	8.7	5-Jul-09	12:00:00	14.5	13-Aug-09	6:00:00	12.3	21-Sep-09	0:00:00	11.7
27-May-09	19:00:00	8.9	5-Jul-09	13:00:00	14.6	13-Aug-09	7:00:00	12.3	21-Sep-09	1:00:00	11.5
27-May-09	20:00:00	8.7	5-Jul-09	14:00:00	15.1	13-Aug-09	8:00:00	12.3	21-Sep-09	2:00:00	11.5
27-May-09	21:00:00	8.7	5-Jul-09	15:00:00	15.7	13-Aug-09	9:00:00	12.1	21-Sep-09	3:00:00	11.4
27-May-09	22:00:00	8.7	5-Jul-09	16:00:00	16.3	13-Aug-09	10:00:00	12.1	21-Sep-09	4:00:00	11.2
27-May-09	23:00:00	8.6	5-Jul-09	17:00:00	16.8	13-Aug-09	11:00:00	12.1	21-Sep-09	5:00:00	11.1
28-May-09	0:00:00	8.6	5-Jul-09	18:00:00	16.8	13-Aug-09	12:00:00	12.1	21-Sep-09	6:00:00	10.9
28-May-09	1:00:00	8.6	5-Jul-09	19:00:00	17.1	13-Aug-09	13:00:00	12.3	21-Sep-09	7:00:00	10.9
28-May-09	2:00:00	8.4	5-Jul-09	20:00:00	17.1	13-Aug-09	14:00:00	12.7	21-Sep-09	8:00:00	10.9
28-May-09	3:00:00	8.4	5-Jul-09	21:00:00	17.1	13-Aug-09	15:00:00	13.2	21-Sep-09	9:00:00	10.8
28-May-09	4:00:00	8.4	5-Jul-09	22:00:00	16.8	13-Aug-09	16:00:00	13.8	21-Sep-09	10:00:00	10.8
28-May-09	5:00:00	8.4	5-Jul-09	23:00:00	16.8	13-Aug-09	17:00:00	14.0	21-Sep-09	11:00:00	10.8
28-May-09	6:00:00	8.4	6-Jul-09	0:00:00	16.6	13-Aug-09	18:00:00	14.5	21-Sep-09	12:00:00	11.1
28-May-09	7:00:00	8.4	6-Jul-09	1:00:00	16.3	13-Aug-09	19:00:00	14.5	21-Sep-09	13:00:00	11.5
28-May-09	8:00:00	8.3	6-Jul-09	2:00:00	16.3	13-Aug-09	20:00:00	14.5	21-Sep-09	14:00:00	12.0
28-May-09	9:00:00	8.1	6-Jul-09	3:00:00	16.2	13-Aug-09	21:00:00	14.5	21-Sep-09	15:00:00	12.3
28-May-09	10:00:00	8.1	6-Jul-09	4:00:00	15.7	13-Aug-09	22:00:00	14.5	21-Sep-09	16:00:00	12.6
28-May-09	11:00:00	8.1	6-Jul-09	5:00:00	15.5	13-Aug-09	23:00:00	14.2	21-Sep-09	17:00:00	12.7
28-May-09	12:00:00	8.1	6-Jul-09	6:00:00	15.4	14-Aug-09	0:00:00	13.9	21-Sep-09	18:00:00	12.6
28-May-09	13:00:00	8.0	6-Jul-09	7:00:00	15.1	14-Aug-09	1:00:00	13.9	21-Sep-09	19:00:00	12.3
28-May-09	14:00:00	8.0	6-Jul-09	8:00:00	14.9	14-Aug-09	2:00:00	13.5	21-Sep-09	20:00:00	12.1
28-May-09	15:00:00	8.0	6-Jul-09	9:00:00	14.8	14-Aug-09	3:00:00	13.3	21-Sep-09	21:00:00	12.1
28-May-09	16:00:00	8.0	6-Jul-09	10:00:00	14.5	14-Aug-09	4:00:00	13.2	21-Sep-09	22:00:00	12.1
28-May-09	17:00:00	8.0	6-Jul-09	11:00:00	14.5	14-Aug-09	5:00:00	12.9	21-Sep-09	23:00:00	12.1
28-May-09	18:00:00	8.0	6-Jul-09	12:00:00	14.3	14-Aug-09	6:00:00	12.7	22-Sep-09	0:00:00	12.1
28-May-09	19:00:00	8.0	6-Jul-09	13:00:00	14.2	14-Aug-09	7:00:00	12.6	22-Sep-09	1:00:00	12.1
28-May-09	20:00:00	8.0	6-Jul-09	14:00:00	14.2	14-Aug-09	8:00:00	12.3	22-Sep-09	2:00:00	12.1
28-May-09	21:00:00	8.0	6-Jul-09	15:00:00	13.9	14-Aug-09	9:00:00	12.3	22-Sep-09	3:00:00	12.1
28-May-09	22:00:00	8.0	6-Jul-09	16:00:00	13.9	14-Aug-09	10:00:00	12.3	22-Sep-09	4:00:00	12.1
28-May-09	23:00:00	8.0	6-Jul-09	17:00:00	13.9	14-Aug-09	11:00:00	12.6	22-Sep-09	5:00:00	12.0
29-May-09	0:00:00	8.0	6-Jul-09	18:00:00	13.8	14-Aug-09	12:00:00	12.9	22-Sep-09	6:00:00	11.8
29-May-09	1:00:00	8.1	6-Jul-09	19:00:00	13.8	14-Aug-09	13:00:00	13.3	22-Sep-09	7:00:00	11.5
29-May-09	2:00:00	8.0	6-Jul-09	20:00:00	13.6	14-Aug-09	14:00:00	13.9	22-Sep-09	8:00:00	11.5
29-May-09	3:00:00	8.1	6-Jul-09	21:00:00	13.5	14-Aug-09	15:00:00	14.5	22-Sep-09	9:00:00	11.4
29-May-09	4:00:00	8.1	6-Jul-09	22:00:00	13.5	14-Aug-09	16:00:00	14.9	22-Sep-09	10:00:00	11.4
29-May-09	5:00:00	8.1	6-Jul-09	23:00:00	13.3	14-Aug-09	17:00:00	15.2	22-Sep-09	11:00:00	11.5
29-May-09	6:00:00	8.1	7-Jul-09	0:00:00	13.2	14-Aug-09	18:00:00	15.5	22-Sep-09	12:00:00	11.5
29-May-09	7:00:00	8.1	7-Jul-09	1:00:00	13.2	14-Aug-09	19:00:00	15.7	22-Sep-09	13:00:00	12.0
29-May-09	8:00:00	8.1	7-Jul-09	2:00:00	12.9	14-Aug-09	20:00:00	15.7	22-Sep-09	14:00:00	12.6
29-May-09	9:00:00	8.3	7-Jul-09	3:00:00	12.7	14-Aug-09	21:00:00	15.9	22-Sep-09	15:00:00	13.0
29-May-09	10:00:00	8.1	7-Jul-09	4:00:00	12.6	14-Aug-09	22:00:00	15.7	22-Sep-09	16:00:00	13.3
29-May-09	11:00:00	8.3	7-Jul-09	5:00:00	12.6	14-Aug-09	23:00:00	15.5	22-Sep-09	17:00:00	13.6
29-May-09	12:00:00	8.3	7-Jul-09	6:00:00	12.3	15-Aug-09	0:00:00	15.5	22-Sep-09	18:00:00	13.8
29-May-09	13:00:00	8.3	7-Jul-09	7:00:00	12.3	15-Aug-09	1:00:00	15.1	22-Sep-09	19:00:00	13.8
29-May-09	14:00:00	8.3	7-Jul-09	8:00:00	12.1	15-Aug-09	2:00:00	14.9	22-Sep-09	20:00:00	13.5
29-May-09	15:00:00	8.3	7-Jul-09	9:00:00	12.1	15-Aug-09	3:00:00	14.9	22-Sep-09	21:00:00	13.3
29-May-09	16:00:00	8.3	7-Jul-09	10:00:00	12.1	15-Aug-09	4:00:00	14.6	22-Sep-09	22:00:00	13.3
29-May-09	17:00:00	8.3	7-Jul-09	11:00:00	12.1	15-Aug-09	5:00:00	14.5	22-Sep-09	23:00:00	13.2
29-May-09	18:00:00	8.3	7-Jul-09	12:00:00	12.0	15-Aug-09	6:00:00	14.5	23-Sep-09	0:00:00	13.2
29-May-09	19:00:00	8.3	7-Jul-09	13:00:00	12.0	15-Aug-09	7:00:00	14.5	23-Sep-09	1:00:00	13.0
29-May-09	20:00:00	8.3	7-Jul-09	14:00:00	12.1	15-Aug-09	8:00:00	14.3	23-Sep-09	2:00:00	13.0
29-May-09	21:00:00	8.3	7-Jul-09	15:00:00	12.3	15-Aug-09	9:00:00	14.2	23-Sep-09	3:00:00	13.0
29-May-09	22:00:00	8.3	7-Jul-09	16:00:00	12.1	15-Aug-09	10:00:00	14.5	23-Sep-09	4:00:00	12.7
29-May-09	23:00:00	8.4	7-Jul-09	17:00:00	12.6	15-Aug-09	11:00:00	14.5	23-Sep-09	5:00:00	12.6
30-May-09	0:00:00	8.3	7-Jul-09	18:00:00	12.6	15-Aug-09	12:00:00	14.5	23-Sep-09	6:00:00	12.3
30-May-09	1:00:00	8.4	7-Jul-09	19:00:00	12.3	15-Aug-09	13:00:00	14.6	23-Sep-09	7:00:00	12.1
30-May-09	2:00:00	8.4	7-Jul-09	20:00:00	12.3	15-Aug-09	14:00:00	14.9	23-Sep-09	8:00:00	12.1
30-May-09	3:00:00	8.6	7-Jul-09	21:00:00	12.3	15-Aug-09	15:00:00	15.5	23-Sep-09	9:00:00	12.0
30-May-09	4:00:00	8.6	7-Jul-09	22:00:00	12.1	15-Aug-09	16:00:00	15.7	23-Sep-09	10:00:00	11.8

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
30-May-09	5:00:00	8.6	7-Jul-09	23:00:00	12.0	15-Aug-09	17:00:00	15.9	23-Sep-09	11:00:00	11.8
30-May-09	6:00:00	8.6	8-Jul-09	0:00:00	11.8	15-Aug-09	18:00:00	16.2	23-Sep-09	12:00:00	12.1
30-May-09	7:00:00	8.6	8-Jul-09	1:00:00	11.7	15-Aug-09	19:00:00	16.3	23-Sep-09	13:00:00	12.3
30-May-09	8:00:00	8.6	8-Jul-09	2:00:00	11.5	15-Aug-09	20:00:00	16.3	23-Sep-09	14:00:00	12.7
30-May-09	9:00:00	8.7	8-Jul-09	3:00:00	11.4	15-Aug-09	21:00:00	16.2	23-Sep-09	15:00:00	13.3
30-May-09	10:00:00	8.9	8-Jul-09	4:00:00	11.4	15-Aug-09	22:00:00	15.9	23-Sep-09	16:00:00	13.8
30-May-09	11:00:00	9.2	8-Jul-09	5:00:00	11.2	15-Aug-09	23:00:00	15.9	23-Sep-09	17:00:00	13.9
30-May-09	12:00:00	9.0	8-Jul-09	6:00:00	11.1	16-Aug-09	0:00:00	15.5	23-Sep-09	18:00:00	13.9
30-May-09	13:00:00	8.9	8-Jul-09	7:00:00	10.9	16-Aug-09	1:00:00	15.2	23-Sep-09	19:00:00	13.9
30-May-09	14:00:00	8.9	8-Jul-09	8:00:00	10.8	16-Aug-09	2:00:00	15.1	23-Sep-09	20:00:00	13.9
30-May-09	15:00:00	9.8	8-Jul-09	9:00:00	10.8	16-Aug-09	3:00:00	14.9	23-Sep-09	21:00:00	13.6
30-May-09	16:00:00	9.5	8-Jul-09	10:00:00	10.8	16-Aug-09	4:00:00	14.6	23-Sep-09	22:00:00	13.5
30-May-09	17:00:00	9.5	8-Jul-09	11:00:00	10.8	16-Aug-09	5:00:00	14.5	23-Sep-09	23:00:00	13.3
30-May-09	18:00:00	9.6	8-Jul-09	12:00:00	10.9	16-Aug-09	6:00:00	14.5	24-Sep-09	0:00:00	13.2
30-May-09	19:00:00	9.6	8-Jul-09	13:00:00	11.1	16-Aug-09	7:00:00	14.2	24-Sep-09	1:00:00	13.2
30-May-09	20:00:00	9.8	8-Jul-09	14:00:00	11.2	16-Aug-09	8:00:00	13.9	24-Sep-09	2:00:00	13.2
30-May-09	21:00:00	9.8	8-Jul-09	15:00:00	11.4	16-Aug-09	9:00:00	13.9	24-Sep-09	3:00:00	13.0
30-May-09	22:00:00	9.8	8-Jul-09	16:00:00	11.5	16-Aug-09	10:00:00	13.9	24-Sep-09	4:00:00	12.9
30-May-09	23:00:00	9.8	8-Jul-09	17:00:00	11.8	16-Aug-09	11:00:00	14.0	24-Sep-09	5:00:00	12.6
31-May-09	0:00:00	9.8	8-Jul-09	18:00:00	12.1	16-Aug-09	12:00:00	14.5	24-Sep-09	6:00:00	12.3
31-May-09	1:00:00	9.8	8-Jul-09	19:00:00	12.3	16-Aug-09	13:00:00	14.9	24-Sep-09	7:00:00	12.1
31-May-09	2:00:00	9.8	8-Jul-09	20:00:00	12.3	16-Aug-09	14:00:00	15.5	24-Sep-09	8:00:00	11.8
31-May-09	3:00:00	9.8	8-Jul-09	21:00:00	12.3	16-Aug-09	15:00:00	16.2	24-Sep-09	9:00:00	11.8
31-May-09	4:00:00	9.8	8-Jul-09	22:00:00	12.3	16-Aug-09	16:00:00	16.6	24-Sep-09	10:00:00	11.5
31-May-09	5:00:00	9.8	8-Jul-09	23:00:00	12.3	16-Aug-09	17:00:00	16.9	24-Sep-09	11:00:00	11.5
31-May-09	6:00:00	9.5	9-Jul-09	0:00:00	12.1	16-Aug-09	18:00:00	17.4	24-Sep-09	12:00:00	11.8
31-May-09	7:00:00	9.5	9-Jul-09	1:00:00	12.1	16-Aug-09	19:00:00	17.4	24-Sep-09	13:00:00	12.1
31-May-09	8:00:00	9.3	9-Jul-09	2:00:00	12.1	16-Aug-09	20:00:00	17.4	24-Sep-09	14:00:00	12.4
31-May-09	9:00:00	9.3	9-Jul-09	3:00:00	12.1	16-Aug-09	21:00:00	17.4	24-Sep-09	15:00:00	12.7
31-May-09	10:00:00	9.2	9-Jul-09	4:00:00	12.1	16-Aug-09	22:00:00	17.1	24-Sep-09	16:00:00	12.9
31-May-09	11:00:00	9.0	9-Jul-09	5:00:00	12.0	16-Aug-09	23:00:00	16.9	24-Sep-09	17:00:00	13.2
31-May-09	12:00:00	9.2	9-Jul-09	6:00:00	12.0	17-Aug-09	0:00:00	16.8	24-Sep-09	18:00:00	13.2
31-May-09	13:00:00	9.0	9-Jul-09	7:00:00	12.0	17-Aug-09	1:00:00	16.6	24-Sep-09	19:00:00	13.0
31-May-09	14:00:00	9.2	9-Jul-09	8:00:00	12.0	17-Aug-09	2:00:00	16.5	24-Sep-09	20:00:00	12.7
31-May-09	15:00:00	9.2	9-Jul-09	9:00:00	12.0	17-Aug-09	3:00:00	16.3	24-Sep-09	21:00:00	12.6
31-May-09	16:00:00	9.3	9-Jul-09	10:00:00	11.8	17-Aug-09	4:00:00	16.2	24-Sep-09	22:00:00	12.4
31-May-09	17:00:00	9.6	9-Jul-09	11:00:00	11.8	17-Aug-09	5:00:00	16.0	24-Sep-09	23:00:00	12.3
31-May-09	18:00:00	9.8	9-Jul-09	12:00:00	11.8	17-Aug-09	6:00:00	15.7	25-Sep-09	0:00:00	12.1
31-May-09	19:00:00	9.9	9-Jul-09	13:00:00	11.8	17-Aug-09	7:00:00	15.5	25-Sep-09	1:00:00	12.0
31-May-09	20:00:00	9.9	9-Jul-09	14:00:00	11.8	17-Aug-09	8:00:00	15.5	25-Sep-09	2:00:00	12.0
31-May-09	21:00:00	10.2	9-Jul-09	15:00:00	11.8	17-Aug-09	9:00:00	15.5	25-Sep-09	3:00:00	11.7
31-May-09	22:00:00	10.1	9-Jul-09	16:00:00	11.8	17-Aug-09	10:00:00	15.5	25-Sep-09	4:00:00	11.5
31-May-09	23:00:00	9.9	9-Jul-09	17:00:00	11.7	17-Aug-09	11:00:00	15.7	25-Sep-09	5:00:00	11.5
1-Jun-09	0:00:00	9.8	9-Jul-09	18:00:00	11.7	17-Aug-09	12:00:00	16.3	25-Sep-09	6:00:00	11.2
1-Jun-09	1:00:00	9.8	9-Jul-09	19:00:00	11.7	17-Aug-09	13:00:00	16.8	25-Sep-09	7:00:00	11.1
1-Jun-09	2:00:00	9.8	9-Jul-09	20:00:00	11.8	17-Aug-09	14:00:00	16.9	25-Sep-09	8:00:00	10.9
1-Jun-09	3:00:00	9.8	9-Jul-09	21:00:00	11.8	17-Aug-09	15:00:00	17.4	25-Sep-09	9:00:00	10.8
1-Jun-09	4:00:00	9.5	9-Jul-09	22:00:00	11.8	17-Aug-09	16:00:00	17.7	25-Sep-09	10:00:00	10.8
1-Jun-09	5:00:00	9.5	9-Jul-09	23:00:00	11.8	17-Aug-09	17:00:00	18.0	25-Sep-09	11:00:00	10.8
1-Jun-09	6:00:00	9.5	10-Jul-09	0:00:00	11.8	17-Aug-09	18:00:00	18.1	25-Sep-09	12:00:00	10.8
1-Jun-09	7:00:00	9.5	10-Jul-09	1:00:00	11.8	17-Aug-09	19:00:00	18.1	25-Sep-09	13:00:00	11.1
1-Jun-09	8:00:00	9.3	10-Jul-09	2:00:00	11.8	17-Aug-09	20:00:00	18.0	25-Sep-09	14:00:00	11.1
1-Jun-09	9:00:00	9.3	10-Jul-09	3:00:00	11.8	17-Aug-09	21:00:00	17.8	25-Sep-09	15:00:00	11.4
1-Jun-09	10:00:00	9.3	10-Jul-09	4:00:00	11.8	17-Aug-09	22:00:00	17.5	25-Sep-09	16:00:00	11.4
1-Jun-09	11:00:00	9.3	10-Jul-09	5:00:00	11.8	17-Aug-09	23:00:00	17.4	25-Sep-09	17:00:00	11.2
1-Jun-09	12:00:00	9.3	10-Jul-09	6:00:00	11.7	18-Aug-09	0:00:00	17.2	25-Sep-09	18:00:00	11.2
1-Jun-09	13:00:00	9.5	10-Jul-09	7:00:00	11.5	18-Aug-09	1:00:00	16.9	25-Sep-09	19:00:00	11.4
1-Jun-09	14:00:00	9.8	10-Jul-09	8:00:00	11.5	18-Aug-09	2:00:00	16.8	25-Sep-09	20:00:00	11.2
1-Jun-09	15:00:00	9.9	10-Jul-09	9:00:00	11.4	18-Aug-09	3:00:00	16.6	25-Sep-09	21:00:00	10.9

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
1-Jun-09	16:00:00	10.2	10-Jul-09	10:00:00	11.4	18-Aug-09	4:00:00	16.5	25-Sep-09	22:00:00	10.8
1-Jun-09	17:00:00	10.2	10-Jul-09	11:00:00	11.4	18-Aug-09	5:00:00	16.3	25-Sep-09	23:00:00	10.8
1-Jun-09	18:00:00	10.2	10-Jul-09	12:00:00	11.5	18-Aug-09	6:00:00	16.2	26-Sep-09	0:00:00	10.5
1-Jun-09	19:00:00	10.2	10-Jul-09	13:00:00	11.4	18-Aug-09	7:00:00	15.9	26-Sep-09	1:00:00	10.2
1-Jun-09	20:00:00	10.5	10-Jul-09	14:00:00	11.4	18-Aug-09	8:00:00	15.7	26-Sep-09	2:00:00	10.1
1-Jun-09	21:00:00	10.6	10-Jul-09	15:00:00	11.5	18-Aug-09	9:00:00	15.7	26-Sep-09	3:00:00	9.9
1-Jun-09	22:00:00	10.8	10-Jul-09	16:00:00	11.5	18-Aug-09	10:00:00	15.9	26-Sep-09	4:00:00	9.8
1-Jun-09	23:00:00	10.8	10-Jul-09	17:00:00	11.5	18-Aug-09	11:00:00	16.2	26-Sep-09	5:00:00	9.8
2-Jun-09	0:00:00	10.8	10-Jul-09	18:00:00	11.8	18-Aug-09	12:00:00	16.3	26-Sep-09	6:00:00	9.6
2-Jun-09	1:00:00	10.8	10-Jul-09	19:00:00	12.0	18-Aug-09	13:00:00	16.8	26-Sep-09	7:00:00	9.6
2-Jun-09	2:00:00	10.6	10-Jul-09	20:00:00	12.1	18-Aug-09	14:00:00	16.9	26-Sep-09	8:00:00	9.5
2-Jun-09	3:00:00	10.3	10-Jul-09	21:00:00	12.1	18-Aug-09	15:00:00	17.4	26-Sep-09	9:00:00	9.5
2-Jun-09	4:00:00	10.2	10-Jul-09	22:00:00	12.1	18-Aug-09	16:00:00	17.8	26-Sep-09	10:00:00	9.5
2-Jun-09	5:00:00	10.2	10-Jul-09	23:00:00	12.3	18-Aug-09	17:00:00	18.1	26-Sep-09	11:00:00	9.5
2-Jun-09	6:00:00	9.8	11-Jul-09	0:00:00	12.3	18-Aug-09	18:00:00	18.4	26-Sep-09	12:00:00	9.5
2-Jun-09	7:00:00	9.8	11-Jul-09	1:00:00	12.4	18-Aug-09	19:00:00	18.4	26-Sep-09	13:00:00	9.5
2-Jun-09	8:00:00	9.6	11-Jul-09	2:00:00	12.6	18-Aug-09	20:00:00	18.3	26-Sep-09	14:00:00	9.6
2-Jun-09	9:00:00	9.5	11-Jul-09	3:00:00	12.4	18-Aug-09	21:00:00	18.1	26-Sep-09	15:00:00	9.8
2-Jun-09	10:00:00	9.5	11-Jul-09	4:00:00	12.4	18-Aug-09	22:00:00	18.0	26-Sep-09	16:00:00	9.8
2-Jun-09	11:00:00	9.6	11-Jul-09	5:00:00	12.6	18-Aug-09	23:00:00	17.8	26-Sep-09	17:00:00	9.9
2-Jun-09	12:00:00	9.8	11-Jul-09	6:00:00	12.4	19-Aug-09	0:00:00	17.5	26-Sep-09	18:00:00	9.9
2-Jun-09	13:00:00	10.1	11-Jul-09	7:00:00	12.3	19-Aug-09	1:00:00	17.4	26-Sep-09	19:00:00	9.8
2-Jun-09	14:00:00	10.3	11-Jul-09	8:00:00	12.4	19-Aug-09	2:00:00	17.1	26-Sep-09	20:00:00	9.8
2-Jun-09	15:00:00	10.8	11-Jul-09	9:00:00	12.3	19-Aug-09	3:00:00	16.9	26-Sep-09	21:00:00	9.8
2-Jun-09	16:00:00	11.1	11-Jul-09	10:00:00	12.3	19-Aug-09	4:00:00	16.8	26-Sep-09	22:00:00	9.6
2-Jun-09	17:00:00	12.0	11-Jul-09	11:00:00	12.3	19-Aug-09	5:00:00	16.5	26-Sep-09	23:00:00	9.5
2-Jun-09	18:00:00	12.1	11-Jul-09	12:00:00	12.3	19-Aug-09	6:00:00	16.2	27-Sep-09	0:00:00	9.2
2-Jun-09	19:00:00	12.6	11-Jul-09	13:00:00	12.4	19-Aug-09	7:00:00	15.7	27-Sep-09	1:00:00	8.9
2-Jun-09	20:00:00	12.6	11-Jul-09	14:00:00	12.7	19-Aug-09	8:00:00	15.5	27-Sep-09	2:00:00	8.7
2-Jun-09	21:00:00	12.6	11-Jul-09	15:00:00	13.0	19-Aug-09	9:00:00	15.5	27-Sep-09	3:00:00	8.6
2-Jun-09	22:00:00	12.7	11-Jul-09	16:00:00	13.3	19-Aug-09	10:00:00	15.4	27-Sep-09	4:00:00	8.4
2-Jun-09	23:00:00	12.6	11-Jul-09	17:00:00	13.6	19-Aug-09	11:00:00	15.5	27-Sep-09	5:00:00	8.1
3-Jun-09	0:00:00	12.6	11-Jul-09	18:00:00	13.9	19-Aug-09	12:00:00	15.9	27-Sep-09	6:00:00	7.8
3-Jun-09	1:00:00	12.4	11-Jul-09	19:00:00	14.2	19-Aug-09	13:00:00	16.5	27-Sep-09	7:00:00	7.5
3-Jun-09	2:00:00	12.3	11-Jul-09	20:00:00	14.5	19-Aug-09	14:00:00	16.9	27-Sep-09	8:00:00	7.5
3-Jun-09	3:00:00	12.1	11-Jul-09	21:00:00	14.5	19-Aug-09	15:00:00	17.4	27-Sep-09	9:00:00	7.3
3-Jun-09	4:00:00	12.1	11-Jul-09	22:00:00	14.6	19-Aug-09	16:00:00	18.0	27-Sep-09	10:00:00	7.1
3-Jun-09	5:00:00	12.0	11-Jul-09	23:00:00	14.6	19-Aug-09	17:00:00	18.3	27-Sep-09	11:00:00	7.3
3-Jun-09	6:00:00	11.8	12-Jul-09	0:00:00	14.6	19-Aug-09	18:00:00	18.6	27-Sep-09	12:00:00	7.5
3-Jun-09	7:00:00	11.5	12-Jul-09	1:00:00	14.5	19-Aug-09	19:00:00	18.6	27-Sep-09	13:00:00	7.8
3-Jun-09	8:00:00	11.5	12-Jul-09	2:00:00	14.5	19-Aug-09	20:00:00	18.6	27-Sep-09	14:00:00	8.3
3-Jun-09	9:00:00	11.4	12-Jul-09	3:00:00	14.5	19-Aug-09	21:00:00	18.8	27-Sep-09	15:00:00	8.6
3-Jun-09	10:00:00	11.5	12-Jul-09	4:00:00	14.5	19-Aug-09	22:00:00	18.6	27-Sep-09	16:00:00	8.7
3-Jun-09	11:00:00	11.5	12-Jul-09	5:00:00	14.2	19-Aug-09	23:00:00	18.3	27-Sep-09	17:00:00	9.0
3-Jun-09	12:00:00	12.0	12-Jul-09	6:00:00	14.2	20-Aug-09	0:00:00	18.1	27-Sep-09	18:00:00	9.2
3-Jun-09	13:00:00	12.3	12-Jul-09	7:00:00	14.0	20-Aug-09	1:00:00	17.8	27-Sep-09	19:00:00	9.0
3-Jun-09	14:00:00	12.6	12-Jul-09	8:00:00	13.9	20-Aug-09	2:00:00	17.5	27-Sep-09	20:00:00	8.7
3-Jun-09	15:00:00	13.2	12-Jul-09	9:00:00	13.9	20-Aug-09	3:00:00	17.4	27-Sep-09	21:00:00	8.7
3-Jun-09	16:00:00	13.5	12-Jul-09	10:00:00	13.9	20-Aug-09	4:00:00	17.1	27-Sep-09	22:00:00	8.6
3-Jun-09	17:00:00	13.9	12-Jul-09	11:00:00	13.9	20-Aug-09	5:00:00	16.8	27-Sep-09	23:00:00	8.6
3-Jun-09	18:00:00	13.9	12-Jul-09	12:00:00	13.9	20-Aug-09	6:00:00	16.8	28-Sep-09	0:00:00	8.4
3-Jun-09	19:00:00	14.5	12-Jul-09	13:00:00	14.0	20-Aug-09	7:00:00	16.3	28-Sep-09	1:00:00	8.4
3-Jun-09	20:00:00	14.5	12-Jul-09	14:00:00	14.5	20-Aug-09	8:00:00	16.3	28-Sep-09	2:00:00	8.4
3-Jun-09	21:00:00	14.5	12-Jul-09	15:00:00	14.5	20-Aug-09	9:00:00	16.2	28-Sep-09	3:00:00	8.3
3-Jun-09	22:00:00	14.5	12-Jul-09	16:00:00	14.6	20-Aug-09	10:00:00	16.0	28-Sep-09	4:00:00	8.3
3-Jun-09	23:00:00	14.5	12-Jul-09	17:00:00	14.6	20-Aug-09	11:00:00	16.2	28-Sep-09	5:00:00	8.1
4-Jun-09	0:00:00	14.5	12-Jul-09	18:00:00	14.9	20-Aug-09	12:00:00	16.2	28-Sep-09	6:00:00	8.0
4-Jun-09	1:00:00	14.2	12-Jul-09	19:00:00	14.9	20-Aug-09	13:00:00	16.3	28-Sep-09	7:00:00	8.0
4-Jun-09	2:00:00	14.0	12-Jul-09	20:00:00	14.9	20-Aug-09	14:00:00	16.8	28-Sep-09	8:00:00	7.8

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
4-Jun-09	3:00:00	13.9	12-Jul-09	21:00:00	14.9	20-Aug-09	15:00:00	16.9	28-Sep-09	9:00:00	7.8
4-Jun-09	4:00:00	13.8	12-Jul-09	22:00:00	14.9	20-Aug-09	16:00:00	17.4	28-Sep-09	10:00:00	7.8
4-Jun-09	5:00:00	13.5	12-Jul-09	23:00:00	14.9	20-Aug-09	17:00:00	18.0	28-Sep-09	11:00:00	7.8
4-Jun-09	6:00:00	13.2	13-Jul-09	0:00:00	14.9	20-Aug-09	18:00:00	18.1	28-Sep-09	12:00:00	7.8
4-Jun-09	7:00:00	13.0	13-Jul-09	1:00:00	14.9	20-Aug-09	19:00:00	18.1	28-Sep-09	13:00:00	8.0
4-Jun-09	8:00:00	12.9	13-Jul-09	2:00:00	14.9	20-Aug-09	20:00:00	18.1	28-Sep-09	14:00:00	8.1
4-Jun-09	9:00:00	12.7	13-Jul-09	3:00:00	14.6	20-Aug-09	21:00:00	18.1	28-Sep-09	15:00:00	8.1
4-Jun-09	10:00:00	12.6	13-Jul-09	4:00:00	14.6	20-Aug-09	22:00:00	18.1	28-Sep-09	16:00:00	8.4
4-Jun-09	11:00:00	12.6	13-Jul-09	5:00:00	14.5	20-Aug-09	23:00:00	18.0	28-Sep-09	17:00:00	8.4
4-Jun-09	12:00:00	12.7	13-Jul-09	6:00:00	14.5	21-Aug-09	0:00:00	17.8	28-Sep-09	18:00:00	8.4
4-Jun-09	13:00:00	12.9	13-Jul-09	7:00:00	14.5	21-Aug-09	1:00:00	17.5	28-Sep-09	19:00:00	8.4
4-Jun-09	14:00:00	13.0	13-Jul-09	8:00:00	14.5	21-Aug-09	2:00:00	17.4	28-Sep-09	20:00:00	8.3
4-Jun-09	15:00:00	13.0	13-Jul-09	9:00:00	14.3	21-Aug-09	3:00:00	17.4	28-Sep-09	21:00:00	8.3
4-Jun-09	16:00:00	13.2	13-Jul-09	10:00:00	14.2	21-Aug-09	4:00:00	17.1	28-Sep-09	22:00:00	8.3
4-Jun-09	17:00:00	13.5	13-Jul-09	11:00:00	14.0	21-Aug-09	5:00:00	16.9	28-Sep-09	23:00:00	8.1
4-Jun-09	18:00:00	13.5	13-Jul-09	12:00:00	14.0	21-Aug-09	6:00:00	16.8	29-Sep-09	0:00:00	8.1
4-Jun-09	19:00:00	13.3	13-Jul-09	13:00:00	13.9	21-Aug-09	7:00:00	16.8	29-Sep-09	1:00:00	8.0
4-Jun-09	20:00:00	13.3	13-Jul-09	14:00:00	13.9	21-Aug-09	8:00:00	16.6	29-Sep-09	2:00:00	8.0
4-Jun-09	21:00:00	13.2	13-Jul-09	15:00:00	13.8	21-Aug-09	9:00:00	16.3	29-Sep-09	3:00:00	7.8
4-Jun-09	22:00:00	13.0	13-Jul-09	16:00:00	13.8	21-Aug-09	10:00:00	16.3	29-Sep-09	4:00:00	7.5
4-Jun-09	23:00:00	12.9	13-Jul-09	17:00:00	13.8	21-Aug-09	11:00:00	16.3	29-Sep-09	5:00:00	7.5
5-Jun-09	0:00:00	12.6	13-Jul-09	18:00:00	13.8	21-Aug-09	12:00:00	16.8	29-Sep-09	6:00:00	7.4
5-Jun-09	1:00:00	12.4	13-Jul-09	19:00:00	13.6	21-Aug-09	13:00:00	17.4	29-Sep-09	7:00:00	7.4
5-Jun-09	2:00:00	12.3	13-Jul-09	20:00:00	13.5	21-Aug-09	14:00:00	17.8	29-Sep-09	8:00:00	7.3
5-Jun-09	3:00:00	12.1	13-Jul-09	21:00:00	13.5	21-Aug-09	15:00:00	18.1	29-Sep-09	9:00:00	7.3
5-Jun-09	4:00:00	12.1	13-Jul-09	22:00:00	13.5	21-Aug-09	16:00:00	18.6	29-Sep-09	10:00:00	7.1
5-Jun-09	5:00:00	12.0	13-Jul-09	23:00:00	13.3	21-Aug-09	17:00:00	18.8	29-Sep-09	11:00:00	7.3
5-Jun-09	6:00:00	12.0	14-Jul-09	0:00:00	13.2	21-Aug-09	18:00:00	19.1	29-Sep-09	12:00:00	7.3
5-Jun-09	7:00:00	11.7	14-Jul-09	1:00:00	13.2	21-Aug-09	19:00:00	19.1	29-Sep-09	13:00:00	7.3
5-Jun-09	8:00:00	11.5	14-Jul-09	2:00:00	13.0	21-Aug-09	20:00:00	18.9	29-Sep-09	14:00:00	7.3
5-Jun-09	9:00:00	11.5	14-Jul-09	3:00:00	12.9	21-Aug-09	21:00:00	18.8	29-Sep-09	15:00:00	7.3
5-Jun-09	10:00:00	11.5	14-Jul-09	4:00:00	12.7	21-Aug-09	22:00:00	18.6	29-Sep-09	16:00:00	7.3
5-Jun-09	11:00:00	11.5	14-Jul-09	5:00:00	12.6	21-Aug-09	23:00:00	18.1	29-Sep-09	17:00:00	7.3
5-Jun-09	12:00:00	11.5	14-Jul-09	6:00:00	12.3	22-Aug-09	0:00:00	17.8	29-Sep-09	18:00:00	7.3
5-Jun-09	13:00:00	11.5	14-Jul-09	7:00:00	12.3	22-Aug-09	1:00:00	17.5	29-Sep-09	19:00:00	7.3
5-Jun-09	14:00:00	11.4	14-Jul-09	8:00:00	12.1	22-Aug-09	2:00:00	17.4	29-Sep-09	20:00:00	7.3
5-Jun-09	15:00:00	11.5	14-Jul-09	9:00:00	11.8	22-Aug-09	3:00:00	17.1	29-Sep-09	21:00:00	7.1
5-Jun-09	16:00:00	11.5	14-Jul-09	10:00:00	12.0	22-Aug-09	4:00:00	16.8	29-Sep-09	22:00:00	7.1
5-Jun-09	17:00:00	11.5	14-Jul-09	11:00:00	12.0	22-Aug-09	5:00:00	16.6	29-Sep-09	23:00:00	7.0
5-Jun-09	18:00:00	11.5	14-Jul-09	12:00:00	12.1	22-Aug-09	6:00:00	16.3	30-Sep-09	0:00:00	7.0
5-Jun-09	19:00:00	11.7	14-Jul-09	13:00:00	12.3	22-Aug-09	7:00:00	15.9	30-Sep-09	1:00:00	7.0
5-Jun-09	20:00:00	11.8	14-Jul-09	14:00:00	12.4	22-Aug-09	8:00:00	15.5	30-Sep-09	2:00:00	6.8
5-Jun-09	21:00:00	11.8	14-Jul-09	15:00:00	12.6	22-Aug-09	9:00:00	15.4	30-Sep-09	3:00:00	6.8
5-Jun-09	22:00:00	11.8	14-Jul-09	16:00:00	12.7	22-Aug-09	10:00:00	15.4	30-Sep-09	4:00:00	6.7
5-Jun-09	23:00:00	11.8	14-Jul-09	17:00:00	13.0	22-Aug-09	11:00:00	15.5	30-Sep-09	5:00:00	6.7
6-Jun-09	0:00:00	11.8	14-Jul-09	18:00:00	13.2	22-Aug-09	12:00:00	15.5	30-Sep-09	6:00:00	6.5
6-Jun-09	1:00:00	11.8	14-Jul-09	19:00:00	13.3	22-Aug-09	13:00:00	15.9	30-Sep-09	7:00:00	6.4
6-Jun-09	2:00:00	11.8	14-Jul-09	20:00:00	13.5	22-Aug-09	14:00:00	16.3	30-Sep-09	8:00:00	6.4
6-Jun-09	3:00:00	11.8	14-Jul-09	21:00:00	13.5	22-Aug-09	15:00:00	16.6	30-Sep-09	9:00:00	6.4
6-Jun-09	4:00:00	11.8	14-Jul-09	22:00:00	13.8	22-Aug-09	16:00:00	16.6	30-Sep-09	10:00:00	6.2
6-Jun-09	5:00:00	11.7	14-Jul-09	23:00:00	13.8	22-Aug-09	17:00:00	16.8	30-Sep-09	11:00:00	6.2
6-Jun-09	6:00:00	11.7	15-Jul-09	0:00:00	13.8	22-Aug-09	18:00:00	16.9	30-Sep-09	12:00:00	6.2
6-Jun-09	7:00:00	11.7	15-Jul-09	1:00:00	13.8	22-Aug-09	19:00:00	17.1	30-Sep-09	13:00:00	6.4
6-Jun-09	8:00:00	11.5	15-Jul-09	2:00:00	13.8	22-Aug-09	20:00:00	16.9	30-Sep-09	14:00:00	6.7
6-Jun-09	9:00:00	11.4	15-Jul-09	3:00:00	13.5	22-Aug-09	21:00:00	16.5	30-Sep-09	15:00:00	7.0
6-Jun-09	10:00:00	11.4	15-Jul-09	4:00:00	13.5	22-Aug-09	22:00:00	16.3	30-Sep-09	16:00:00	7.3
6-Jun-09	11:00:00	11.2	15-Jul-09	5:00:00	13.5	22-Aug-09	23:00:00	16.2	30-Sep-09	17:00:00	7.3
6-Jun-09	12:00:00	11.1	15-Jul-09	6:00:00	13.3	23-Aug-09	0:00:00	15.9	30-Sep-09	18:00:00	7.4
6-Jun-09	13:00:00	11.1	15-Jul-09	7:00:00	13.3	23-Aug-09	1:00:00	15.5	30-Sep-09	19:00:00	7.4

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
6-Jun-09	14:00:00	10.9	15-Jul-09	8:00:00	13.2	23-Aug-09	2:00:00	15.2	30-Sep-09	20:00:00	7.3
6-Jun-09	15:00:00	10.9	15-Jul-09	9:00:00	13.2	23-Aug-09	3:00:00	14.9	30-Sep-09	21:00:00	7.3
6-Jun-09	16:00:00	10.8	15-Jul-09	10:00:00	13.2	23-Aug-09	4:00:00	14.6	30-Sep-09	22:00:00	7.0
6-Jun-09	17:00:00	10.8	15-Jul-09	11:00:00	13.2	23-Aug-09	5:00:00	14.6	30-Sep-09	23:00:00	7.0
6-Jun-09	18:00:00	10.8	15-Jul-09	12:00:00	13.2	23-Aug-09	6:00:00	14.5	1-Oct-09	0:00:00	6.7
6-Jun-09	19:00:00	10.8	15-Jul-09	13:00:00	13.5	23-Aug-09	7:00:00	14.2	1-Oct-09	1:00:00	6.5
6-Jun-09	20:00:00	10.8	15-Jul-09	14:00:00	13.9	23-Aug-09	8:00:00	13.9	1-Oct-09	2:00:00	6.5
6-Jun-09	21:00:00	10.8	15-Jul-09	15:00:00	14.2	23-Aug-09	9:00:00	13.9	1-Oct-09	3:00:00	6.4
6-Jun-09	22:00:00	10.8	15-Jul-09	16:00:00	14.6	23-Aug-09	10:00:00	13.9	1-Oct-09	4:00:00	6.2
6-Jun-09	23:00:00	10.9	15-Jul-09	17:00:00	14.9	23-Aug-09	11:00:00	14.0	1-Oct-09	5:00:00	6.1
7-Jun-09	0:00:00	10.9	15-Jul-09	18:00:00	15.4	23-Aug-09	12:00:00	14.5	1-Oct-09	6:00:00	5.9
7-Jun-09	1:00:00	10.8	15-Jul-09	19:00:00	15.5	23-Aug-09	13:00:00	14.6	1-Oct-09	7:00:00	5.8
7-Jun-09	2:00:00	10.8	15-Jul-09	20:00:00	15.7	23-Aug-09	14:00:00	15.1	1-Oct-09	8:00:00	5.6
7-Jun-09	3:00:00	10.8	15-Jul-09	21:00:00	15.7	23-Aug-09	15:00:00	15.7	1-Oct-09	9:00:00	5.5
7-Jun-09	4:00:00	10.8	15-Jul-09	22:00:00	15.7	23-Aug-09	16:00:00	15.7	1-Oct-09	10:00:00	5.5
7-Jun-09	5:00:00	10.8	15-Jul-09	23:00:00	15.5	23-Aug-09	17:00:00	15.7	1-Oct-09	11:00:00	5.5
7-Jun-09	6:00:00	10.6	16-Jul-09	0:00:00	15.5	23-Aug-09	18:00:00	15.9	1-Oct-09	12:00:00	5.8
7-Jun-09	7:00:00	10.5	16-Jul-09	1:00:00	15.1	23-Aug-09	19:00:00	15.9	1-Oct-09	13:00:00	5.9
7-Jun-09	8:00:00	10.2	16-Jul-09	2:00:00	14.9	23-Aug-09	20:00:00	15.7	1-Oct-09	14:00:00	6.4
7-Jun-09	9:00:00	10.2	16-Jul-09	3:00:00	14.9	23-Aug-09	21:00:00	15.5	1-Oct-09	15:00:00	6.7
7-Jun-09	10:00:00	9.9	16-Jul-09	4:00:00	14.6	23-Aug-09	22:00:00	15.4	1-Oct-09	16:00:00	7.0
7-Jun-09	11:00:00	9.8	16-Jul-09	5:00:00	14.5	23-Aug-09	23:00:00	15.1	1-Oct-09	17:00:00	7.3
7-Jun-09	12:00:00	9.8	16-Jul-09	6:00:00	14.5	24-Aug-09	0:00:00	14.9	1-Oct-09	18:00:00	7.3
7-Jun-09	13:00:00	9.9	16-Jul-09	7:00:00	14.5	24-Aug-09	1:00:00	14.6	1-Oct-09	19:00:00	7.3
7-Jun-09	14:00:00	9.9	16-Jul-09	8:00:00	14.2	24-Aug-09	2:00:00	14.5	1-Oct-09	20:00:00	7.1
7-Jun-09	15:00:00	9.9	16-Jul-09	9:00:00	14.0	24-Aug-09	3:00:00	13.9	1-Oct-09	21:00:00	7.0
7-Jun-09	16:00:00	10.2	16-Jul-09	10:00:00	14.0	24-Aug-09	4:00:00	13.9	1-Oct-09	22:00:00	6.8
7-Jun-09	17:00:00	10.3	16-Jul-09	11:00:00	14.0	24-Aug-09	5:00:00	13.5	1-Oct-09	23:00:00	6.8
7-Jun-09	18:00:00	10.6	16-Jul-09	12:00:00	14.2	24-Aug-09	6:00:00	13.2	2-Oct-09	0:00:00	6.5
7-Jun-09	19:00:00	10.8	16-Jul-09	13:00:00	14.2	24-Aug-09	7:00:00	13.0	2-Oct-09	1:00:00	6.4
7-Jun-09	20:00:00	11.1	16-Jul-09	14:00:00	14.5	24-Aug-09	8:00:00	12.7	2-Oct-09	2:00:00	6.4
7-Jun-09	21:00:00	11.4	16-Jul-09	15:00:00	14.6	24-Aug-09	9:00:00	12.6	2-Oct-09	3:00:00	6.2
7-Jun-09	22:00:00	11.4	16-Jul-09	16:00:00	14.9	24-Aug-09	10:00:00	12.6	2-Oct-09	4:00:00	6.1
7-Jun-09	23:00:00	11.2	16-Jul-09	17:00:00	15.2	24-Aug-09	11:00:00	12.7	2-Oct-09	5:00:00	5.9
8-Jun-09	0:00:00	11.1	16-Jul-09	18:00:00	15.5	24-Aug-09	12:00:00	13.2	2-Oct-09	6:00:00	5.8
8-Jun-09	1:00:00	11.1	16-Jul-09	19:00:00	15.5	24-Aug-09	13:00:00	13.5	2-Oct-09	7:00:00	5.8
8-Jun-09	2:00:00	10.9	16-Jul-09	20:00:00	15.5	24-Aug-09	14:00:00	14.0	2-Oct-09	8:00:00	5.6
8-Jun-09	3:00:00	10.8	16-Jul-09	21:00:00	15.7	24-Aug-09	15:00:00	14.5	2-Oct-09	9:00:00	5.6
8-Jun-09	4:00:00	10.6	16-Jul-09	22:00:00	15.7	24-Aug-09	16:00:00	14.8	2-Oct-09	10:00:00	5.5
8-Jun-09	5:00:00	10.3	16-Jul-09	23:00:00	15.7	24-Aug-09	17:00:00	14.9	2-Oct-09	11:00:00	5.6
8-Jun-09	6:00:00	10.1	17-Jul-09	0:00:00	15.5	24-Aug-09	18:00:00	15.1	2-Oct-09	12:00:00	5.8
8-Jun-09	7:00:00	9.9	17-Jul-09	1:00:00	15.5	24-Aug-09	19:00:00	15.4	2-Oct-09	13:00:00	6.1
8-Jun-09	8:00:00	9.8	17-Jul-09	2:00:00	15.5	24-Aug-09	20:00:00	15.1	2-Oct-09	14:00:00	6.2
8-Jun-09	9:00:00	9.8	17-Jul-09	3:00:00	15.4	24-Aug-09	21:00:00	14.9	2-Oct-09	15:00:00	6.5
8-Jun-09	10:00:00	9.9	17-Jul-09	4:00:00	15.1	24-Aug-09	22:00:00	14.9	2-Oct-09	16:00:00	6.7
8-Jun-09	11:00:00	10.2	17-Jul-09	5:00:00	14.9	24-Aug-09	23:00:00	14.9	2-Oct-09	17:00:00	6.8
8-Jun-09	12:00:00	10.5	17-Jul-09	6:00:00	14.6	25-Aug-09	0:00:00	14.8	2-Oct-09	18:00:00	6.8
8-Jun-09	13:00:00	10.8	17-Jul-09	7:00:00	14.5	25-Aug-09	1:00:00	14.6	2-Oct-09	19:00:00	6.8
8-Jun-09	14:00:00	11.4	17-Jul-09	8:00:00	14.5	25-Aug-09	2:00:00	14.5	2-Oct-09	20:00:00	6.7
8-Jun-09	15:00:00	11.8	17-Jul-09	9:00:00	14.5	25-Aug-09	3:00:00	14.5	2-Oct-09	21:00:00	6.7
8-Jun-09	16:00:00	12.1	17-Jul-09	10:00:00	14.5	25-Aug-09	4:00:00	14.5	2-Oct-09	22:00:00	6.4
8-Jun-09	17:00:00	12.6	17-Jul-09	11:00:00	14.5	25-Aug-09	5:00:00	14.3	2-Oct-09	23:00:00	6.4
8-Jun-09	18:00:00	12.7	17-Jul-09	12:00:00	14.5	25-Aug-09	6:00:00	13.9	3-Oct-09	0:00:00	6.4
8-Jun-09	19:00:00	12.7	17-Jul-09	13:00:00	14.9	25-Aug-09	7:00:00	13.9	3-Oct-09	1:00:00	6.2
8-Jun-09	20:00:00	12.9	17-Jul-09	14:00:00	14.9	25-Aug-09	8:00:00	13.9	3-Oct-09	2:00:00	6.4
8-Jun-09	21:00:00	12.7	17-Jul-09	15:00:00	15.2	25-Aug-09	9:00:00	13.8	3-Oct-09	3:00:00	6.4
8-Jun-09	22:00:00	12.7	17-Jul-09	16:00:00	15.5	25-Aug-09	10:00:00	13.8	3-Oct-09	4:00:00	6.2
8-Jun-09	23:00:00	12.6	17-Jul-09	17:00:00	15.5	25-Aug-09	11:00:00	13.8	3-Oct-09	5:00:00	6.2
9-Jun-09	0:00:00	12.3	17-Jul-09	18:00:00	15.7	25-Aug-09	12:00:00	13.8	3-Oct-09	6:00:00	6.2

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
9-Jun-09	1:00:00	12.3	17-Jul-09	19:00:00	15.9	25-Aug-09	13:00:00	13.9	3-Oct-09	7:00:00	6.1
9-Jun-09	2:00:00	12.1	17-Jul-09	20:00:00	15.9	25-Aug-09	14:00:00	13.9	3-Oct-09	8:00:00	6.1
9-Jun-09	3:00:00	12.0	17-Jul-09	21:00:00	15.9	25-Aug-09	15:00:00	14.2	3-Oct-09	9:00:00	6.1
9-Jun-09	4:00:00	11.5	17-Jul-09	22:00:00	15.9	25-Aug-09	16:00:00	14.6	3-Oct-09	10:00:00	6.1
9-Jun-09	5:00:00	11.4	17-Jul-09	23:00:00	15.9	25-Aug-09	17:00:00	14.9	3-Oct-09	11:00:00	5.9
9-Jun-09	6:00:00	11.1	18-Jul-09	0:00:00	15.7	25-Aug-09	18:00:00	15.1	3-Oct-09	12:00:00	6.1
9-Jun-09	7:00:00	10.8	18-Jul-09	1:00:00	15.5	25-Aug-09	19:00:00	15.4	3-Oct-09	13:00:00	6.2
9-Jun-09	8:00:00	10.6	18-Jul-09	2:00:00	15.5	25-Aug-09	20:00:00	15.5	3-Oct-09	14:00:00	6.4
9-Jun-09	9:00:00	10.5	18-Jul-09	3:00:00	15.4	25-Aug-09	21:00:00	15.2	3-Oct-09	15:00:00	6.4
9-Jun-09	10:00:00	10.6	18-Jul-09	4:00:00	15.1	25-Aug-09	22:00:00	15.1	3-Oct-09	16:00:00	6.5
9-Jun-09	11:00:00	10.8	18-Jul-09	5:00:00	14.9	25-Aug-09	23:00:00	14.9	3-Oct-09	17:00:00	6.7
9-Jun-09	12:00:00	11.1	18-Jul-09	6:00:00	14.8	26-Aug-09	0:00:00	14.6	3-Oct-09	18:00:00	6.7
9-Jun-09	13:00:00	11.4	18-Jul-09	7:00:00	14.5	26-Aug-09	1:00:00	14.5	3-Oct-09	19:00:00	6.7
9-Jun-09	14:00:00	11.8	18-Jul-09	8:00:00	14.5	26-Aug-09	2:00:00	14.2	3-Oct-09	20:00:00	6.5
9-Jun-09	15:00:00	12.1	18-Jul-09	9:00:00	14.3	26-Aug-09	3:00:00	13.9	3-Oct-09	21:00:00	6.5
9-Jun-09	16:00:00	12.6	18-Jul-09	10:00:00	14.2	26-Aug-09	4:00:00	13.8	3-Oct-09	22:00:00	6.4
9-Jun-09	17:00:00	13.0	18-Jul-09	11:00:00	14.2	26-Aug-09	5:00:00	13.5	3-Oct-09	23:00:00	6.5
9-Jun-09	18:00:00	13.2	18-Jul-09	12:00:00	14.2	26-Aug-09	6:00:00	13.2	4-Oct-09	0:00:00	6.4
9-Jun-09	19:00:00	13.2	18-Jul-09	13:00:00	14.5	26-Aug-09	7:00:00	13.0	4-Oct-09	1:00:00	6.4
9-Jun-09	20:00:00	13.2	18-Jul-09	14:00:00	14.9	26-Aug-09	8:00:00	12.7	4-Oct-09	2:00:00	6.4
9-Jun-09	21:00:00	13.2	18-Jul-09	15:00:00	15.1	26-Aug-09	9:00:00	12.6	4-Oct-09	3:00:00	6.4
9-Jun-09	22:00:00	13.2	18-Jul-09	16:00:00	15.5	26-Aug-09	10:00:00	12.6	4-Oct-09	4:00:00	6.4
9-Jun-09	23:00:00	13.0	18-Jul-09	17:00:00	15.7	26-Aug-09	11:00:00	12.9	4-Oct-09	5:00:00	6.2
10-Jun-09	0:00:00	12.7	18-Jul-09	18:00:00	15.7	26-Aug-09	12:00:00	13.3	4-Oct-09	6:00:00	6.2
10-Jun-09	1:00:00	12.6	18-Jul-09	19:00:00	15.7	26-Aug-09	13:00:00	13.8	4-Oct-09	7:00:00	6.1
10-Jun-09	2:00:00	12.3	18-Jul-09	20:00:00	15.7	26-Aug-09	14:00:00	14.3	4-Oct-09	8:00:00	5.9
10-Jun-09	3:00:00	12.1	18-Jul-09	21:00:00	15.7	26-Aug-09	15:00:00	14.5	4-Oct-09	9:00:00	5.8
10-Jun-09	4:00:00	11.8	18-Jul-09	22:00:00	15.7	26-Aug-09	16:00:00	14.6	4-Oct-09	10:00:00	5.8
10-Jun-09	5:00:00	11.4	18-Jul-09	23:00:00	15.7	26-Aug-09	17:00:00	14.6	4-Oct-09	11:00:00	5.6
10-Jun-09	6:00:00	11.1	19-Jul-09	0:00:00	15.7	26-Aug-09	18:00:00	14.6	4-Oct-09	12:00:00	5.8
10-Jun-09	7:00:00	10.9	19-Jul-09	1:00:00	15.5	26-Aug-09	19:00:00	14.9	4-Oct-09	13:00:00	5.9
10-Jun-09	8:00:00	10.8	19-Jul-09	2:00:00	15.5	26-Aug-09	20:00:00	14.6	4-Oct-09	14:00:00	6.2
10-Jun-09	9:00:00	10.8	19-Jul-09	3:00:00	15.1	26-Aug-09	21:00:00	14.6	4-Oct-09	15:00:00	6.5
10-Jun-09	10:00:00	10.8	19-Jul-09	4:00:00	15.1	26-Aug-09	22:00:00	14.5	4-Oct-09	16:00:00	6.8
10-Jun-09	11:00:00	11.1	19-Jul-09	5:00:00	14.9	26-Aug-09	23:00:00	14.5	4-Oct-09	17:00:00	7.0
10-Jun-09	12:00:00	11.4	19-Jul-09	6:00:00	14.9	27-Aug-09	0:00:00	14.2	4-Oct-09	18:00:00	7.0
10-Jun-09	13:00:00	11.8	19-Jul-09	7:00:00	14.6	27-Aug-09	1:00:00	13.9	4-Oct-09	19:00:00	7.0
10-Jun-09	14:00:00	12.1	19-Jul-09	8:00:00	14.6	27-Aug-09	2:00:00	13.5	4-Oct-09	20:00:00	6.7
10-Jun-09	15:00:00	12.6	19-Jul-09	9:00:00	14.5	27-Aug-09	3:00:00	13.3	4-Oct-09	21:00:00	6.5
10-Jun-09	16:00:00	13.0	19-Jul-09	10:00:00	14.5	27-Aug-09	4:00:00	13.2	4-Oct-09	22:00:00	6.4
10-Jun-09	17:00:00	13.3	19-Jul-09	11:00:00	14.6	27-Aug-09	5:00:00	12.9	4-Oct-09	23:00:00	6.1
10-Jun-09	18:00:00	13.5	19-Jul-09	12:00:00	14.6	27-Aug-09	6:00:00	12.6	5-Oct-09	0:00:00	5.9
10-Jun-09	19:00:00	13.8	19-Jul-09	13:00:00	15.2	27-Aug-09	7:00:00	12.3	5-Oct-09	1:00:00	5.8
10-Jun-09	20:00:00	13.9	19-Jul-09	14:00:00	15.9	27-Aug-09	8:00:00	12.1	5-Oct-09	2:00:00	5.6
10-Jun-09	21:00:00	13.9	19-Jul-09	15:00:00	15.5	27-Aug-09	9:00:00	12.0	5-Oct-09	3:00:00	5.6
10-Jun-09	22:00:00	13.8	19-Jul-09	16:00:00	15.5	27-Aug-09	10:00:00	12.0	5-Oct-09	4:00:00	5.5
10-Jun-09	23:00:00	13.5	19-Jul-09	17:00:00	16.2	27-Aug-09	11:00:00	12.1	5-Oct-09	5:00:00	5.3
11-Jun-09	0:00:00	13.5	19-Jul-09	18:00:00	16.5	27-Aug-09	12:00:00	12.6	5-Oct-09	6:00:00	5.2
11-Jun-09	1:00:00	13.2	19-Jul-09	19:00:00	16.6	27-Aug-09	13:00:00	13.0	5-Oct-09	7:00:00	5.0
11-Jun-09	2:00:00	13.0	19-Jul-09	20:00:00	16.3	27-Aug-09	14:00:00	13.5	5-Oct-09	8:00:00	5.0
11-Jun-09	3:00:00	12.6	19-Jul-09	21:00:00	16.6	27-Aug-09	15:00:00	13.8	5-Oct-09	9:00:00	5.0
11-Jun-09	4:00:00	12.1	19-Jul-09	22:00:00	16.6	27-Aug-09	16:00:00	14.0	5-Oct-09	10:00:00	4.9
11-Jun-09	5:00:00	12.0	19-Jul-09	23:00:00	16.3	27-Aug-09	17:00:00	14.2	5-Oct-09	11:00:00	4.9
11-Jun-09	6:00:00	11.5	20-Jul-09	0:00:00	16.2	27-Aug-09	18:00:00	14.5	5-Oct-09	12:00:00	4.9
11-Jun-09	7:00:00	11.4	20-Jul-09	1:00:00	15.9	27-Aug-09	19:00:00	14.6	5-Oct-09	13:00:00	5.0
11-Jun-09	8:00:00	11.1	20-Jul-09	2:00:00	15.7	27-Aug-09	20:00:00	14.6	5-Oct-09	14:00:00	5.5
11-Jun-09	9:00:00	11.1	20-Jul-09	3:00:00	15.5	27-Aug-09	21:00:00	14.5	5-Oct-09	15:00:00	5.8
11-Jun-09	10:00:00	11.1	20-Jul-09	4:00:00	15.4	27-Aug-09	22:00:00	14.5	5-Oct-09	16:00:00	5.9
11-Jun-09	11:00:00	11.4	20-Jul-09	5:00:00	15.1	27-Aug-09	23:00:00	14.5	5-Oct-09	17:00:00	6.1

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
11-Jun-09	12:00:00	11.8	20-Jul-09	6:00:00	14.9	28-Aug-09	0:00:00	14.5	5-Oct-09	18:00:00	6.1
11-Jun-09	13:00:00	12.1	20-Jul-09	7:00:00	14.9	28-Aug-09	1:00:00	14.2	5-Oct-09	19:00:00	6.1
11-Jun-09	14:00:00	12.6	20-Jul-09	8:00:00	14.8	28-Aug-09	2:00:00	13.9	5-Oct-09	20:00:00	6.1
11-Jun-09	15:00:00	13.2	20-Jul-09	9:00:00	14.6	28-Aug-09	3:00:00	13.9	5-Oct-09	21:00:00	5.9
11-Jun-09	16:00:00	13.3	20-Jul-09	10:00:00	14.6	28-Aug-09	4:00:00	13.8	5-Oct-09	22:00:00	5.8
11-Jun-09	17:00:00	13.3	20-Jul-09	11:00:00	14.9	28-Aug-09	5:00:00	13.5	5-Oct-09	23:00:00	5.9
11-Jun-09	18:00:00	13.3	20-Jul-09	12:00:00	15.1	28-Aug-09	6:00:00	13.2	6-Oct-09	0:00:00	5.8
11-Jun-09	19:00:00	13.5	20-Jul-09	13:00:00	15.4	28-Aug-09	7:00:00	13.2	6-Oct-09	1:00:00	5.8
11-Jun-09	20:00:00	13.5	20-Jul-09	14:00:00	16.2	28-Aug-09	8:00:00	13.0	6-Oct-09	2:00:00	5.8
11-Jun-09	21:00:00	13.8	20-Jul-09	15:00:00	16.2	28-Aug-09	9:00:00	12.7	6-Oct-09	3:00:00	5.8
11-Jun-09	22:00:00	13.6	20-Jul-09	16:00:00	16.5	28-Aug-09	10:00:00	12.6	6-Oct-09	4:00:00	5.9
11-Jun-09	23:00:00	13.3	20-Jul-09	17:00:00	17.1	28-Aug-09	11:00:00	12.7	6-Oct-09	5:00:00	5.9
12-Jun-09	0:00:00	13.2	20-Jul-09	18:00:00	17.2	28-Aug-09	12:00:00	13.0	6-Oct-09	6:00:00	5.9
12-Jun-09	1:00:00	13.0	20-Jul-09	19:00:00	17.4	28-Aug-09	13:00:00	13.3	6-Oct-09	7:00:00	5.9
12-Jun-09	2:00:00	12.6	20-Jul-09	20:00:00	17.4	28-Aug-09	14:00:00	13.9	6-Oct-09	8:00:00	5.8
12-Jun-09	3:00:00	12.6	20-Jul-09	21:00:00	17.8	28-Aug-09	15:00:00	14.2	6-Oct-09	9:00:00	5.8
12-Jun-09	4:00:00	12.3	20-Jul-09	22:00:00	17.5	28-Aug-09	16:00:00	14.5	6-Oct-09	10:00:00	5.8
12-Jun-09	5:00:00	12.1	20-Jul-09	23:00:00	17.2	28-Aug-09	17:00:00	14.9	6-Oct-09	11:00:00	5.8
12-Jun-09	6:00:00	12.1	21-Jul-09	0:00:00	16.9	28-Aug-09	18:00:00	15.2	6-Oct-09	12:00:00	5.6
12-Jun-09	7:00:00	11.8	21-Jul-09	1:00:00	16.8	28-Aug-09	19:00:00	15.5	6-Oct-09	13:00:00	5.5
12-Jun-09	8:00:00	11.7	21-Jul-09	2:00:00	16.8	28-Aug-09	20:00:00	15.7	6-Oct-09	14:00:00	5.5
12-Jun-09	9:00:00	11.7	21-Jul-09	3:00:00	16.6	28-Aug-09	21:00:00	15.7	6-Oct-09	15:00:00	5.5
12-Jun-09	10:00:00	11.8	21-Jul-09	4:00:00	16.3	28-Aug-09	22:00:00	15.7	6-Oct-09	16:00:00	5.5
12-Jun-09	11:00:00	12.1	21-Jul-09	5:00:00	16.2	28-Aug-09	23:00:00	15.7	6-Oct-09	17:00:00	5.5
12-Jun-09	12:00:00	12.1	21-Jul-09	6:00:00	15.9	29-Aug-09	0:00:00	15.5	6-Oct-09	18:00:00	5.5
12-Jun-09	13:00:00	12.6	21-Jul-09	7:00:00	15.7	29-Aug-09	1:00:00	15.4	6-Oct-09	19:00:00	5.3
12-Jun-09	14:00:00	13.2	21-Jul-09	8:00:00	15.5	29-Aug-09	2:00:00	15.2	6-Oct-09	20:00:00	5.2
12-Jun-09	15:00:00	13.6	21-Jul-09	9:00:00	15.5	29-Aug-09	3:00:00	14.9	6-Oct-09	21:00:00	5.2
12-Jun-09	16:00:00	13.9	21-Jul-09	10:00:00	15.5	29-Aug-09	4:00:00	14.9	6-Oct-09	22:00:00	5.0
12-Jun-09	17:00:00	14.3	21-Jul-09	11:00:00	15.5	29-Aug-09	5:00:00	14.9	6-Oct-09	23:00:00	4.9
12-Jun-09	18:00:00	14.5	21-Jul-09	12:00:00	15.9	29-Aug-09	6:00:00	14.6	7-Oct-09	0:00:00	4.9
12-Jun-09	19:00:00	14.6	21-Jul-09	13:00:00	16.5	29-Aug-09	7:00:00	14.5	7-Oct-09	1:00:00	4.7
12-Jun-09	20:00:00	14.6	21-Jul-09	14:00:00	16.5	29-Aug-09	8:00:00	14.5	7-Oct-09	2:00:00	4.7
12-Jun-09	21:00:00	14.5	21-Jul-09	15:00:00	16.6	29-Aug-09	9:00:00	14.2	7-Oct-09	3:00:00	4.6
12-Jun-09	22:00:00	14.5	21-Jul-09	16:00:00	16.8	29-Aug-09	10:00:00	14.2	7-Oct-09	4:00:00	4.6
12-Jun-09	23:00:00	14.5	21-Jul-09	17:00:00	16.9	29-Aug-09	11:00:00	14.2	7-Oct-09	5:00:00	4.6
13-Jun-09	0:00:00	14.2	21-Jul-09	18:00:00	16.9	29-Aug-09	12:00:00	14.5	7-Oct-09	6:00:00	4.6
13-Jun-09	1:00:00	13.9	21-Jul-09	19:00:00	17.1	29-Aug-09	13:00:00	14.5	7-Oct-09	7:00:00	4.4
13-Jun-09	2:00:00	13.9	21-Jul-09	20:00:00	17.1	29-Aug-09	14:00:00	14.9	7-Oct-09	8:00:00	4.4
13-Jun-09	3:00:00	13.5	21-Jul-09	21:00:00	17.1	29-Aug-09	15:00:00	15.5	7-Oct-09	9:00:00	4.4
13-Jun-09	4:00:00	13.3	21-Jul-09	22:00:00	16.8	29-Aug-09	16:00:00	15.7	7-Oct-09	10:00:00	4.4
13-Jun-09	5:00:00	13.2	21-Jul-09	23:00:00	16.8	29-Aug-09	17:00:00	15.9	7-Oct-09	11:00:00	4.4
13-Jun-09	6:00:00	13.0	22-Jul-09	0:00:00	16.8	29-Aug-09	18:00:00	16.3	7-Oct-09	12:00:00	4.6
13-Jun-09	7:00:00	12.9	22-Jul-09	1:00:00	16.8	29-Aug-09	19:00:00	16.8	7-Oct-09	13:00:00	4.7
13-Jun-09	8:00:00	12.7	22-Jul-09	2:00:00	16.6	29-Aug-09	20:00:00	16.8	7-Oct-09	14:00:00	7.7
13-Jun-09	9:00:00	12.6	22-Jul-09	3:00:00	16.3	29-Aug-09	21:00:00	16.8	7-Oct-09	15:00:00	6.8
13-Jun-09	10:00:00	12.9	22-Jul-09	4:00:00	16.2	29-Aug-09	22:00:00	16.8	7-Oct-09	16:00:00	7.1
13-Jun-09	11:00:00	13.0	22-Jul-09	5:00:00	16.0	29-Aug-09	23:00:00	16.6	7-Oct-09	17:00:00	10.2
13-Jun-09	12:00:00	13.3	22-Jul-09	6:00:00	15.7	30-Aug-09	0:00:00	16.5	7-Oct-09	18:00:00	5.8
13-Jun-09	13:00:00	13.6	22-Jul-09	7:00:00	15.5	30-Aug-09	1:00:00	16.3	7-Oct-09	19:00:00	4.3
13-Jun-09	14:00:00	13.9	22-Jul-09	8:00:00	15.4	30-Aug-09	2:00:00	16.2	7-Oct-09	20:00:00	2.6
13-Jun-09	15:00:00	14.5	22-Jul-09	9:00:00	15.4	30-Aug-09	3:00:00	15.9	7-Oct-09	21:00:00	2.0
13-Jun-09	16:00:00	14.6	22-Jul-09	10:00:00	15.4	30-Aug-09	4:00:00	15.5	7-Oct-09	22:00:00	1.0
13-Jun-09	17:00:00	14.9	22-Jul-09	11:00:00	15.4	30-Aug-09	5:00:00	15.5	7-Oct-09	23:00:00	0.8
13-Jun-09	18:00:00	15.4	22-Jul-09	12:00:00	15.7	30-Aug-09	6:00:00	14.9	8-Oct-09	0:00:00	1.9
13-Jun-09	19:00:00	15.4	22-Jul-09	13:00:00	15.9	30-Aug-09	7:00:00	14.9	8-Oct-09	1:00:00	2.2
13-Jun-09	20:00:00	15.1	22-Jul-09	14:00:00	16.3	30-Aug-09	8:00:00	14.6	8-Oct-09	2:00:00	4.0
13-Jun-09	21:00:00	14.9	22-Jul-09	15:00:00	16.6	30-Aug-09	9:00:00	14.5	8-Oct-09	3:00:00	4.3
13-Jun-09	22:00:00	14.6	22-Jul-09	16:00:00	16.8	30-Aug-09	10:00:00	14.5	8-Oct-09	4:00:00	4.4

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
13-Jun-09	23:00:00	14.5	22-Jul-09	17:00:00	17.1	30-Aug-09	11:00:00	14.8	8-Oct-09	5:00:00	4.3
14-Jun-09	0:00:00	14.2	22-Jul-09	18:00:00	17.4	30-Aug-09	12:00:00	15.4	8-Oct-09	6:00:00	4.1
14-Jun-09	1:00:00	14.2	22-Jul-09	19:00:00	17.4	30-Aug-09	13:00:00	15.7	8-Oct-09	7:00:00	4.0
14-Jun-09	2:00:00	13.9	22-Jul-09	20:00:00	17.5	30-Aug-09	14:00:00	16.3	8-Oct-09	8:00:00	3.8
14-Jun-09	3:00:00	13.8	22-Jul-09	21:00:00	17.4	30-Aug-09	15:00:00	16.8	8-Oct-09	9:00:00	3.4
14-Jun-09	4:00:00	13.3	22-Jul-09	22:00:00	17.4	30-Aug-09	16:00:00	17.4	8-Oct-09	10:00:00	3.4
14-Jun-09	5:00:00	13.2	22-Jul-09	23:00:00	17.4	30-Aug-09	17:00:00	17.7	8-Oct-09	11:00:00	3.5
14-Jun-09	6:00:00	13.0	23-Jul-09	0:00:00	17.4	30-Aug-09	18:00:00	18.0	8-Oct-09	12:00:00	4.3
14-Jun-09	7:00:00	12.9	23-Jul-09	1:00:00	17.1	30-Aug-09	19:00:00	18.0	8-Oct-09	13:00:00	4.1
14-Jun-09	8:00:00	12.6	23-Jul-09	2:00:00	16.9	30-Aug-09	20:00:00	17.8	8-Oct-09	14:00:00	3.8
14-Jun-09	9:00:00	12.7	23-Jul-09	3:00:00	16.8	30-Aug-09	21:00:00	17.7	8-Oct-09	15:00:00	4.1
14-Jun-09	10:00:00	12.7	23-Jul-09	4:00:00	16.6	30-Aug-09	22:00:00	17.5	8-Oct-09	16:00:00	4.1
14-Jun-09	11:00:00	13.0	23-Jul-09	5:00:00	16.3	30-Aug-09	23:00:00	17.4	8-Oct-09	17:00:00	4.3
14-Jun-09	12:00:00	13.2	23-Jul-09	6:00:00	16.2	31-Aug-09	0:00:00	17.2	8-Oct-09	18:00:00	4.0
14-Jun-09	13:00:00	13.5	23-Jul-09	7:00:00	15.9	31-Aug-09	1:00:00	16.9	8-Oct-09	19:00:00	3.8
14-Jun-09	14:00:00	13.8	23-Jul-09	8:00:00	15.9	31-Aug-09	2:00:00	16.8	8-Oct-09	20:00:00	3.8
14-Jun-09	15:00:00	14.0	23-Jul-09	9:00:00	15.7	31-Aug-09	3:00:00	16.8	8-Oct-09	21:00:00	3.1
14-Jun-09	16:00:00	14.3	23-Jul-09	10:00:00	15.7	31-Aug-09	4:00:00	16.5	8-Oct-09	22:00:00	3.1
14-Jun-09	17:00:00	14.5	23-Jul-09	11:00:00	15.9	31-Aug-09	5:00:00	16.3	8-Oct-09	23:00:00	3.4
14-Jun-09	18:00:00	14.6	23-Jul-09	12:00:00	16.2	31-Aug-09	6:00:00	15.9	9-Oct-09	0:00:00	3.2
14-Jun-09	19:00:00	14.5	23-Jul-09	13:00:00	16.6	31-Aug-09	7:00:00	15.7	9-Oct-09	1:00:00	3.1
14-Jun-09	20:00:00	14.6	23-Jul-09	14:00:00	17.1	31-Aug-09	8:00:00	15.5	9-Oct-09	2:00:00	3.1
14-Jun-09	21:00:00	14.6	23-Jul-09	15:00:00	17.4	31-Aug-09	9:00:00	15.2	9-Oct-09	3:00:00	2.5
14-Jun-09	22:00:00	14.5	23-Jul-09	16:00:00	17.5	31-Aug-09	10:00:00	15.4	9-Oct-09	4:00:00	2.6
14-Jun-09	23:00:00	14.5	23-Jul-09	17:00:00	18.3	31-Aug-09	11:00:00	15.5	9-Oct-09	5:00:00	2.8
15-Jun-09	0:00:00	14.2	23-Jul-09	18:00:00	18.6	31-Aug-09	12:00:00	16.0	9-Oct-09	6:00:00	2.6
15-Jun-09	1:00:00	13.9	23-Jul-09	19:00:00	18.6	31-Aug-09	13:00:00	16.3	9-Oct-09	7:00:00	2.5
15-Jun-09	2:00:00	13.8	23-Jul-09	20:00:00	18.8	31-Aug-09	14:00:00	16.8	9-Oct-09	8:00:00	2.5
15-Jun-09	3:00:00	13.3	23-Jul-09	21:00:00	18.8	31-Aug-09	15:00:00	17.2	9-Oct-09	9:00:00	2.5
15-Jun-09	4:00:00	13.2	23-Jul-09	22:00:00	18.6	31-Aug-09	16:00:00	17.5	9-Oct-09	10:00:00	2.5
15-Jun-09	5:00:00	12.9	23-Jul-09	23:00:00	18.3	31-Aug-09	17:00:00	18.0	9-Oct-09	11:00:00	2.3
15-Jun-09	6:00:00	12.6	24-Jul-09	0:00:00	18.3	31-Aug-09	18:00:00	18.1	9-Oct-09	12:00:00	2.6
15-Jun-09	7:00:00	12.6	24-Jul-09	1:00:00	18.1	31-Aug-09	19:00:00	18.1	9-Oct-09	13:00:00	2.8
15-Jun-09	8:00:00	12.3	24-Jul-09	2:00:00	18.0	31-Aug-09	20:00:00	18.1	9-Oct-09	14:00:00	3.2
15-Jun-09	9:00:00	12.4	24-Jul-09	3:00:00	17.8	31-Aug-09	21:00:00	18.1	9-Oct-09	15:00:00	3.1
15-Jun-09	10:00:00	12.6	24-Jul-09	4:00:00	17.5	31-Aug-09	22:00:00	18.0	9-Oct-09	16:00:00	2.9
15-Jun-09	11:00:00	12.6	24-Jul-09	5:00:00	17.4	31-Aug-09	23:00:00	17.8	9-Oct-09	17:00:00	2.9
15-Jun-09	12:00:00	13.0	24-Jul-09	6:00:00	17.4	1-Sep-09	0:00:00	17.7	9-Oct-09	18:00:00	3.1
15-Jun-09	13:00:00	13.3	24-Jul-09	7:00:00	17.1	1-Sep-09	1:00:00	17.4	9-Oct-09	19:00:00	2.9
15-Jun-09	14:00:00	13.6	24-Jul-09	8:00:00	16.9	1-Sep-09	2:00:00	17.1	9-Oct-09	20:00:00	3.1
15-Jun-09	15:00:00	14.2	24-Jul-09	9:00:00	16.8	1-Sep-09	3:00:00	16.8	9-Oct-09	21:00:00	2.9
15-Jun-09	16:00:00	14.5	24-Jul-09	10:00:00	16.9	1-Sep-09	4:00:00	16.8	9-Oct-09	22:00:00	3.1
15-Jun-09	17:00:00	14.5	24-Jul-09	11:00:00	17.1	1-Sep-09	5:00:00	16.6	9-Oct-09	23:00:00	3.1
15-Jun-09	18:00:00	14.5	24-Jul-09	12:00:00	17.8	1-Sep-09	6:00:00	16.3	10-Oct-09	0:00:00	2.8
15-Jun-09	19:00:00	14.5	24-Jul-09	13:00:00	18.1	1-Sep-09	7:00:00	16.2	10-Oct-09	1:00:00	2.6
15-Jun-09	20:00:00	14.5	24-Jul-09	14:00:00	18.4	1-Sep-09	8:00:00	15.7	10-Oct-09	2:00:00	2.3
15-Jun-09	21:00:00	14.3	24-Jul-09	15:00:00	18.9	1-Sep-09	9:00:00	15.7	10-Oct-09	3:00:00	2.5
15-Jun-09	22:00:00	14.2	24-Jul-09	16:00:00	19.2	1-Sep-09	10:00:00	15.7	10-Oct-09	4:00:00	2.2
15-Jun-09	23:00:00	13.9	24-Jul-09	17:00:00	19.4	1-Sep-09	11:00:00	15.9	10-Oct-09	5:00:00	2.0
16-Jun-09	0:00:00	13.8	24-Jul-09	18:00:00	19.9	1-Sep-09	12:00:00	16.2	10-Oct-09	6:00:00	1.9
16-Jun-09	1:00:00	13.5	24-Jul-09	19:00:00	20.0	1-Sep-09	13:00:00	16.6	10-Oct-09	7:00:00	1.6
16-Jun-09	2:00:00	13.3	24-Jul-09	20:00:00	20.2	1-Sep-09	14:00:00	16.8	10-Oct-09	8:00:00	1.4
16-Jun-09	3:00:00	13.2	24-Jul-09	21:00:00	19.9	1-Sep-09	15:00:00	17.4	10-Oct-09	9:00:00	1.9
16-Jun-09	4:00:00	13.0	24-Jul-09	22:00:00	19.9	1-Sep-09	16:00:00	18.0	10-Oct-09	10:00:00	1.9
16-Jun-09	5:00:00	13.0	24-Jul-09	23:00:00	19.7	1-Sep-09	17:00:00	18.3	10-Oct-09	11:00:00	2.5
16-Jun-09	6:00:00	12.7	25-Jul-09	0:00:00	19.4	1-Sep-09	18:00:00	18.6	10-Oct-09	12:00:00	2.5
16-Jun-09	7:00:00	12.6	25-Jul-09	1:00:00	19.4	1-Sep-09	19:00:00	18.8	10-Oct-09	13:00:00	1.9
16-Jun-09	8:00:00	12.6	25-Jul-09	2:00:00	19.2	1-Sep-09	20:00:00	18.3	10-Oct-09	14:00:00	2.0
16-Jun-09	9:00:00	12.4	25-Jul-09	3:00:00	19.2	1-Sep-09	21:00:00	18.1	10-Oct-09	15:00:00	2.9

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
16-Jun-09	10:00:00	12.6	25-Jul-09	4:00:00	18.8	1-Sep-09	22:00:00	18.1	10-Oct-09	16:00:00	3.4
16-Jun-09	11:00:00	12.9	25-Jul-09	5:00:00	18.6	1-Sep-09	23:00:00	18.0	10-Oct-09	17:00:00	3.2
16-Jun-09	12:00:00	13.2	25-Jul-09	6:00:00	18.3	2-Sep-09	0:00:00	17.8	10-Oct-09	18:00:00	2.3
16-Jun-09	13:00:00	13.5	25-Jul-09	7:00:00	18.1	2-Sep-09	1:00:00	17.7	10-Oct-09	19:00:00	1.7
16-Jun-09	14:00:00	13.9	25-Jul-09	8:00:00	18.0	2-Sep-09	2:00:00	17.4	10-Oct-09	20:00:00	0.8
16-Jun-09	15:00:00	14.5	25-Jul-09	9:00:00	17.8	2-Sep-09	3:00:00	17.4	10-Oct-09	21:00:00	0.7
16-Jun-09	16:00:00	14.6	25-Jul-09	10:00:00	18.0	2-Sep-09	4:00:00	17.4	10-Oct-09	22:00:00	0.7
16-Jun-09	17:00:00	14.6	25-Jul-09	11:00:00	18.1	2-Sep-09	5:00:00	17.1	10-Oct-09	23:00:00	1.1
16-Jun-09	18:00:00	14.9	25-Jul-09	12:00:00	18.3	2-Sep-09	6:00:00	16.9	11-Oct-09	0:00:00	1.0
16-Jun-09	19:00:00	14.6	25-Jul-09	13:00:00	18.8	2-Sep-09	7:00:00	16.8	11-Oct-09	1:00:00	1.0
16-Jun-09	20:00:00	14.9	25-Jul-09	14:00:00	19.2	2-Sep-09	8:00:00	16.8	11-Oct-09	2:00:00	1.3
16-Jun-09	21:00:00	14.6	25-Jul-09	15:00:00	19.5	2-Sep-09	9:00:00	16.5	11-Oct-09	3:00:00	1.3
16-Jun-09	22:00:00	14.6	25-Jul-09	16:00:00	20.0	2-Sep-09	10:00:00	16.5	11-Oct-09	4:00:00	0.7
16-Jun-09	23:00:00	14.5	25-Jul-09	17:00:00	20.5	2-Sep-09	11:00:00	16.5	11-Oct-09	5:00:00	0.7
17-Jun-09	0:00:00	14.5	25-Jul-09	18:00:00	20.6	2-Sep-09	12:00:00	16.6	11-Oct-09	6:00:00	0.5
17-Jun-09	1:00:00	14.5	25-Jul-09	19:00:00	20.8	2-Sep-09	13:00:00	16.6	11-Oct-09	7:00:00	0.5
17-Jun-09	2:00:00	14.2	25-Jul-09	20:00:00	20.8	2-Sep-09	14:00:00	16.6	11-Oct-09	8:00:00	0.4
17-Jun-09	3:00:00	13.9	25-Jul-09	21:00:00	20.6	2-Sep-09	15:00:00	16.6	11-Oct-09	9:00:00	0.4
17-Jun-09	4:00:00	13.9	25-Jul-09	22:00:00	20.6	2-Sep-09	16:00:00	16.6	11-Oct-09	10:00:00	0.8
17-Jun-09	5:00:00	13.8	25-Jul-09	23:00:00	20.3	2-Sep-09	17:00:00	16.8	11-Oct-09	11:00:00	0.8
17-Jun-09	6:00:00	13.5	26-Jul-09	0:00:00	20.0	2-Sep-09	18:00:00	16.9	11-Oct-09	12:00:00	1.4
17-Jun-09	7:00:00	13.3	26-Jul-09	1:00:00	19.9	2-Sep-09	19:00:00	17.1	11-Oct-09	13:00:00	1.4
17-Jun-09	8:00:00	13.2	26-Jul-09	2:00:00	19.5	2-Sep-09	20:00:00	17.1	11-Oct-09	14:00:00	1.3
17-Jun-09	9:00:00	13.2	26-Jul-09	3:00:00	19.2	2-Sep-09	21:00:00	17.1	11-Oct-09	15:00:00	1.1
17-Jun-09	10:00:00	13.2	26-Jul-09	4:00:00	19.2	2-Sep-09	22:00:00	17.1	11-Oct-09	16:00:00	1.6
17-Jun-09	11:00:00	13.3	26-Jul-09	5:00:00	18.8	2-Sep-09	23:00:00	16.9	11-Oct-09	17:00:00	1.3
17-Jun-09	12:00:00	13.8	26-Jul-09	6:00:00	18.6	3-Sep-09	0:00:00	16.8	11-Oct-09	18:00:00	0.8
17-Jun-09	13:00:00	14.2	26-Jul-09	7:00:00	18.3	3-Sep-09	1:00:00	16.8	11-Oct-09	19:00:00	0.5
17-Jun-09	14:00:00	14.5	26-Jul-09	8:00:00	18.1	3-Sep-09	2:00:00	16.6	11-Oct-09	20:00:00	0.4
17-Jun-09	15:00:00	14.9	26-Jul-09	9:00:00	18.1	3-Sep-09	3:00:00	16.3	11-Oct-09	21:00:00	0.5
17-Jun-09	16:00:00	15.4	26-Jul-09	10:00:00	18.1	3-Sep-09	4:00:00	16.2	11-Oct-09	22:00:00	0.2
17-Jun-09	17:00:00	15.5	26-Jul-09	11:00:00	18.3	3-Sep-09	5:00:00	16.2	11-Oct-09	23:00:00	-0.1
17-Jun-09	18:00:00	15.7	26-Jul-09	12:00:00	18.8	3-Sep-09	6:00:00	16.2	12-Oct-09	0:00:00	0.0
17-Jun-09	19:00:00	15.7	26-Jul-09	13:00:00	19.2	3-Sep-09	7:00:00	15.9	12-Oct-09	1:00:00	0.0
17-Jun-09	20:00:00	15.5	26-Jul-09	14:00:00	19.5	3-Sep-09	8:00:00	15.9	12-Oct-09	2:00:00	-0.1
17-Jun-09	21:00:00	15.5	26-Jul-09	15:00:00	20.0	3-Sep-09	9:00:00	15.7	12-Oct-09	3:00:00	-0.1
17-Jun-09	22:00:00	15.4	26-Jul-09	16:00:00	20.5	3-Sep-09	10:00:00	15.9	12-Oct-09	4:00:00	0.0
17-Jun-09	23:00:00	15.1	26-Jul-09	17:00:00	20.6	3-Sep-09	11:00:00	15.9	12-Oct-09	5:00:00	0.0
18-Jun-09	0:00:00	14.9	26-Jul-09	18:00:00	21.1	3-Sep-09	12:00:00	16.2	12-Oct-09	6:00:00	0.0
18-Jun-09	1:00:00	14.6	26-Jul-09	19:00:00	21.3	3-Sep-09	13:00:00	16.3	12-Oct-09	7:00:00	0.2
18-Jun-09	2:00:00	14.5	26-Jul-09	20:00:00	21.3	3-Sep-09	14:00:00	16.8	12-Oct-09	8:00:00	0.0
18-Jun-09	3:00:00	14.5	26-Jul-09	21:00:00	21.1	3-Sep-09	15:00:00	17.1	12-Oct-09	9:00:00	0.2
18-Jun-09	4:00:00	14.2	26-Jul-09	22:00:00	21.0	3-Sep-09	16:00:00	17.5	12-Oct-09	10:00:00	0.2
18-Jun-09	5:00:00	13.9	26-Jul-09	23:00:00	20.6	3-Sep-09	17:00:00	17.8	12-Oct-09	11:00:00	0.4
18-Jun-09	6:00:00	13.8	27-Jul-09	0:00:00	20.6	3-Sep-09	18:00:00	17.8	12-Oct-09	12:00:00	0.4
18-Jun-09	7:00:00	13.5	27-Jul-09	1:00:00	20.3	3-Sep-09	19:00:00	17.7	12-Oct-09	13:00:00	0.8
18-Jun-09	8:00:00	13.2	27-Jul-09	2:00:00	19.9	3-Sep-09	20:00:00	17.7	12-Oct-09	14:00:00	0.7
18-Jun-09	9:00:00	13.2	27-Jul-09	3:00:00	19.9	3-Sep-09	21:00:00	17.5	12-Oct-09	15:00:00	0.7
18-Jun-09	10:00:00	13.3	27-Jul-09	4:00:00	19.4	3-Sep-09	22:00:00	17.5	12-Oct-09	16:00:00	0.2
18-Jun-09	11:00:00	13.5	27-Jul-09	5:00:00	19.2	3-Sep-09	23:00:00	17.4	12-Oct-09	17:00:00	0.4
18-Jun-09	12:00:00	13.8	27-Jul-09	6:00:00	19.1	4-Sep-09	0:00:00	17.4	12-Oct-09	18:00:00	0.4
18-Jun-09	13:00:00	13.9	27-Jul-09	7:00:00	18.8	4-Sep-09	1:00:00	17.1	12-Oct-09	19:00:00	0.5
18-Jun-09	14:00:00	14.2	27-Jul-09	8:00:00	18.4	4-Sep-09	2:00:00	17.1	12-Oct-09	20:00:00	0.2
18-Jun-09	15:00:00	14.5	27-Jul-09	9:00:00	18.3	4-Sep-09	3:00:00	17.1	12-Oct-09	21:00:00	0.4
18-Jun-09	16:00:00	14.9	27-Jul-09	10:00:00	18.4	4-Sep-09	4:00:00	16.9	12-Oct-09	22:00:00	0.5
18-Jun-09	17:00:00	15.1	27-Jul-09	11:00:00	18.8	4-Sep-09	5:00:00	16.8	12-Oct-09	23:00:00	0.7
18-Jun-09	18:00:00	15.2	27-Jul-09	12:00:00	18.9	4-Sep-09	6:00:00	16.8	13-Oct-09	0:00:00	0.4
18-Jun-09	19:00:00	15.1	27-Jul-09	13:00:00	19.4	4-Sep-09	7:00:00	16.6	13-Oct-09	1:00:00	0.4
18-Jun-09	20:00:00	14.9	27-Jul-09	14:00:00	19.9	4-Sep-09	8:00:00	16.3	13-Oct-09	2:00:00	0.0

Appendix C Table C1. Temperature data collected on the Halfway River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
18-Jun-09	21:00:00	14.9	27-Jul-09	15:00:00	20.3	4-Sep-09	9:00:00	16.3	13-Oct-09	3:00:00	0.5
18-Jun-09	22:00:00	14.8	27-Jul-09	16:00:00	20.8	4-Sep-09	10:00:00	16.3	13-Oct-09	4:00:00	0.4
18-Jun-09	23:00:00	14.5	27-Jul-09	17:00:00	21.3	4-Sep-09	11:00:00	16.2	13-Oct-09	5:00:00	0.5
19-Jun-09	0:00:00	14.2	27-Jul-09	18:00:00	21.6	4-Sep-09	12:00:00	16.0	13-Oct-09	6:00:00	0.4
19-Jun-09	1:00:00	13.9	27-Jul-09	19:00:00	21.8	4-Sep-09	13:00:00	16.0	13-Oct-09	7:00:00	0.4
19-Jun-09	2:00:00	13.9	27-Jul-09	20:00:00	21.8	4-Sep-09	14:00:00	16.3	13-Oct-09	8:00:00	0.0
19-Jun-09	3:00:00	13.8	27-Jul-09	21:00:00	21.8	4-Sep-09	15:00:00	16.6	13-Oct-09	9:00:00	0.0
19-Jun-09	4:00:00	13.5	27-Jul-09	22:00:00	21.4	4-Sep-09	16:00:00	16.9	13-Oct-09	10:00:00	0.0
19-Jun-09	5:00:00	13.2	27-Jul-09	23:00:00	21.3	4-Sep-09	17:00:00	17.4	13-Oct-09	11:00:00	0.0
19-Jun-09	6:00:00	13.0	28-Jul-09	0:00:00	21.1	4-Sep-09	18:00:00	17.4	13-Oct-09	12:00:00	0.2
19-Jun-09	7:00:00	12.7	28-Jul-09	1:00:00	21.1	4-Sep-09	19:00:00	17.5	13-Oct-09	13:00:00	0.5
19-Jun-09	8:00:00	12.6	28-Jul-09	2:00:00	20.8	4-Sep-09	20:00:00	17.4	13-Oct-09	14:00:00	1.6
19-Jun-09	9:00:00	12.4	28-Jul-09	3:00:00	20.6	4-Sep-09	21:00:00	17.1	13-Oct-09	15:00:00	1.7
19-Jun-09	10:00:00	12.6	28-Jul-09	4:00:00	20.6	4-Sep-09	22:00:00	16.9	13-Oct-09	16:00:00	0.5
19-Jun-09	11:00:00	12.7	28-Jul-09	5:00:00	20.5	4-Sep-09	23:00:00	16.8	13-Oct-09	17:00:00	0.5
19-Jun-09	12:00:00	13.2	28-Jul-09	6:00:00	20.0	5-Sep-09	0:00:00	16.5	13-Oct-09	18:00:00	0.0
19-Jun-09	13:00:00	13.5	28-Jul-09	7:00:00	19.9	5-Sep-09	1:00:00	16.2	13-Oct-09	19:00:00	0.0
19-Jun-09	14:00:00	13.9	28-Jul-09	8:00:00	19.9	5-Sep-09	2:00:00	15.9	13-Oct-09	20:00:00	-0.1
19-Jun-09	15:00:00	14.5	28-Jul-09	9:00:00	19.9	5-Sep-09	3:00:00	15.5	13-Oct-09	21:00:00	-0.1
19-Jun-09	16:00:00	14.8	28-Jul-09	10:00:00	19.9	5-Sep-09	4:00:00	15.5	13-Oct-09	22:00:00	-0.4
19-Jun-09	17:00:00	14.9	28-Jul-09	11:00:00	19.9	5-Sep-09	5:00:00	15.1	13-Oct-09	23:00:00	-0.6
19-Jun-09	18:00:00	15.4	28-Jul-09	12:00:00	20.5	5-Sep-09	6:00:00	14.9	14-Oct-09	0:00:00	0.0
19-Jun-09	19:00:00	15.5	28-Jul-09	13:00:00	20.8	5-Sep-09	7:00:00	14.5	14-Oct-09	1:00:00	0.0
19-Jun-09	20:00:00	15.5	28-Jul-09	14:00:00	21.3	5-Sep-09	8:00:00	14.5	14-Oct-09	2:00:00	0.0
19-Jun-09	21:00:00	15.5	28-Jul-09	15:00:00	21.8	5-Sep-09	9:00:00	14.2	14-Oct-09	3:00:00	0.0
19-Jun-09	22:00:00	15.1	28-Jul-09	16:00:00	21.9	5-Sep-09	10:00:00	14.5	14-Oct-09	4:00:00	0.0
19-Jun-09	23:00:00	14.9	28-Jul-09	17:00:00	22.4	5-Sep-09	11:00:00	14.5	14-Oct-09	5:00:00	0.2
20-Jun-09	0:00:00	14.6	28-Jul-09	18:00:00	22.4	5-Sep-09	12:00:00	14.5	14-Oct-09	6:00:00	0.2
20-Jun-09	1:00:00	14.5	28-Jul-09	19:00:00	22.7	5-Sep-09	13:00:00	14.9	14-Oct-09	7:00:00	0.2
20-Jun-09	2:00:00	14.2	28-Jul-09	20:00:00	22.7	5-Sep-09	14:00:00	15.4	14-Oct-09	8:00:00	0.2
20-Jun-09	3:00:00	13.9	28-Jul-09	21:00:00	22.7	5-Sep-09	15:00:00	15.5	14-Oct-09	9:00:00	0.2
20-Jun-09	4:00:00	13.8	28-Jul-09	22:00:00	22.6	5-Sep-09	16:00:00	15.7	14-Oct-09	10:00:00	0.2
20-Jun-09	5:00:00	13.3	28-Jul-09	23:00:00	22.1	5-Sep-09	17:00:00	15.7	14-Oct-09	11:00:00	0.4
20-Jun-09	6:00:00	13.2	29-Jul-09	0:00:00	21.9	5-Sep-09	18:00:00	15.7	14-Oct-09	12:00:00	0.5
20-Jun-09	7:00:00	13.2	29-Jul-09	1:00:00	21.8	5-Sep-09	19:00:00	15.5	14-Oct-09	13:00:00	0.4
20-Jun-09	8:00:00	13.0	29-Jul-09	2:00:00	21.3	5-Sep-09	20:00:00	15.5	14-Oct-09	14:00:00	0.5
20-Jun-09	9:00:00	12.9	29-Jul-09	3:00:00	21.1	5-Sep-09	21:00:00	15.4	14-Oct-09	15:00:00	0.5
20-Jun-09	10:00:00	12.7	29-Jul-09	4:00:00	20.8	5-Sep-09	22:00:00	15.2	14-Oct-09	16:00:00	0.5
20-Jun-09	11:00:00	12.9	29-Jul-09	5:00:00	20.5	5-Sep-09	23:00:00	15.1	14-Oct-09	17:00:00	0.4
20-Jun-09	12:00:00	13.0	29-Jul-09	6:00:00	20.3	6-Sep-09	0:00:00	15.1	14-Oct-09	18:00:00	0.4
20-Jun-09	13:00:00	13.2	29-Jul-09	7:00:00	19.9	6-Sep-09	1:00:00	14.9	14-Oct-09	19:00:00	0.5
20-Jun-09	14:00:00	13.6	29-Jul-09	8:00:00	19.9	6-Sep-09	2:00:00	14.9	14-Oct-09	20:00:00	0.7
20-Jun-09	15:00:00	13.8	29-Jul-09	9:00:00	19.5	6-Sep-09	3:00:00	14.9	14-Oct-09	21:00:00	0.5
20-Jun-09	16:00:00	14.0	29-Jul-09	10:00:00	19.5	6-Sep-09	4:00:00	14.9	14-Oct-09	22:00:00	0.2
20-Jun-09	17:00:00	14.5	29-Jul-09	11:00:00	19.9	6-Sep-09	5:00:00	14.9	14-Oct-09	23:00:00	0.2

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
14-May-09	00:00:00	7.0	23-Jun-09	18:00:00	19.1	3-Aug-09	12:00:00	18.9	13-Sep-09	06:00:00	14.0
14-May-09	01:00:00	6.8	23-Jun-09	19:00:00	19.2	3-Aug-09	13:00:00	18.8	13-Sep-09	07:00:00	13.9
14-May-09	02:00:00	6.5	23-Jun-09	20:00:00	18.9	3-Aug-09	14:00:00	18.6	13-Sep-09	08:00:00	13.8
14-May-09	03:00:00	6.4	23-Jun-09	21:00:00	18.8	3-Aug-09	15:00:00	18.4	13-Sep-09	09:00:00	13.6
14-May-09	04:00:00	6.1	23-Jun-09	22:00:00	18.4	3-Aug-09	16:00:00	18.4	13-Sep-09	10:00:00	13.8
14-May-09	05:00:00	5.8	23-Jun-09	23:00:00	18.3	3-Aug-09	17:00:00	18.4	13-Sep-09	11:00:00	13.9
14-May-09	06:00:00	5.6	24-Jun-09	00:00:00	18.0	3-Aug-09	18:00:00	18.6	13-Sep-09	12:00:00	14.3
14-May-09	07:00:00	5.5	24-Jun-09	01:00:00	17.5	3-Aug-09	19:00:00	18.6	13-Sep-09	13:00:00	14.9
14-May-09	08:00:00	5.3	24-Jun-09	02:00:00	17.2	3-Aug-09	20:00:00	18.6	13-Sep-09	14:00:00	15.7
14-May-09	09:00:00	5.3	24-Jun-09	03:00:00	16.9	3-Aug-09	21:00:00	18.6	13-Sep-09	15:00:00	16.5
14-May-09	10:00:00	5.5	24-Jun-09	04:00:00	16.6	3-Aug-09	22:00:00	18.4	13-Sep-09	16:00:00	17.1
14-May-09	11:00:00	5.8	24-Jun-09	05:00:00	16.3	3-Aug-09	23:00:00	18.1	13-Sep-09	17:00:00	17.7
14-May-09	12:00:00	6.4	24-Jun-09	06:00:00	15.9	4-Aug-09	00:00:00	18.1	13-Sep-09	18:00:00	17.8
14-May-09	13:00:00	7.1	24-Jun-09	07:00:00	15.5	4-Aug-09	01:00:00	17.8	13-Sep-09	19:00:00	17.8
14-May-09	14:00:00	7.8	24-Jun-09	08:00:00	15.5	4-Aug-09	02:00:00	17.7	13-Sep-09	20:00:00	17.4
14-May-09	15:00:00	8.0	24-Jun-09	09:00:00	15.5	4-Aug-09	03:00:00	17.5	13-Sep-09	21:00:00	16.8
14-May-09	16:00:00	8.4	24-Jun-09	10:00:00	15.7	4-Aug-09	04:00:00	17.4	13-Sep-09	22:00:00	16.5
14-May-09	17:00:00	9.2	24-Jun-09	11:00:00	16.2	4-Aug-09	05:00:00	17.1	13-Sep-09	23:00:00	16.2
14-May-09	18:00:00	9.3	24-Jun-09	12:00:00	16.6	4-Aug-09	06:00:00	16.9	14-Sep-09	00:00:00	15.7
14-May-09	19:00:00	9.3	24-Jun-09	13:00:00	17.2	4-Aug-09	07:00:00	16.8	14-Sep-09	01:00:00	15.5
14-May-09	20:00:00	9.5	24-Jun-09	14:00:00	17.7	4-Aug-09	08:00:00	16.6	14-Sep-09	02:00:00	15.2
14-May-09	21:00:00	9.2	24-Jun-09	15:00:00	18.3	4-Aug-09	09:00:00	16.6	14-Sep-09	03:00:00	14.9
14-May-09	22:00:00	9.0	24-Jun-09	16:00:00	18.8	4-Aug-09	10:00:00	16.6	14-Sep-09	04:00:00	14.6
14-May-09	23:00:00	8.7	24-Jun-09	17:00:00	19.1	4-Aug-09	11:00:00	16.9	14-Sep-09	05:00:00	14.5
15-May-09	00:00:00	8.3	24-Jun-09	18:00:00	19.2	4-Aug-09	12:00:00	17.2	14-Sep-09	06:00:00	14.2
15-May-09	01:00:00	7.8	24-Jun-09	19:00:00	19.4	4-Aug-09	13:00:00	18.0	14-Sep-09	07:00:00	13.9
15-May-09	02:00:00	7.4	24-Jun-09	20:00:00	19.2	4-Aug-09	14:00:00	18.4	14-Sep-09	08:00:00	13.8
15-May-09	03:00:00	7.0	24-Jun-09	21:00:00	19.1	4-Aug-09	15:00:00	18.8	14-Sep-09	09:00:00	13.6
15-May-09	04:00:00	6.7	24-Jun-09	22:00:00	18.9	4-Aug-09	16:00:00	19.4	14-Sep-09	10:00:00	13.5
15-May-09	05:00:00	6.4	24-Jun-09	23:00:00	18.6	4-Aug-09	17:00:00	19.5	14-Sep-09	11:00:00	13.6
15-May-09	06:00:00	6.1	25-Jun-09	00:00:00	18.4	4-Aug-09	18:00:00	19.7	14-Sep-09	12:00:00	14.2
15-May-09	07:00:00	5.8	25-Jun-09	01:00:00	18.3	4-Aug-09	19:00:00	20.0	14-Sep-09	13:00:00	14.8
15-May-09	08:00:00	5.5	25-Jun-09	02:00:00	18.0	4-Aug-09	20:00:00	20.0	14-Sep-09	14:00:00	15.5
15-May-09	09:00:00	5.5	25-Jun-09	03:00:00	17.7	4-Aug-09	21:00:00	19.7	14-Sep-09	15:00:00	16.3
15-May-09	10:00:00	5.8	25-Jun-09	04:00:00	17.5	4-Aug-09	22:00:00	19.5	14-Sep-09	16:00:00	16.9
15-May-09	11:00:00	6.4	25-Jun-09	05:00:00	17.2	4-Aug-09	23:00:00	19.2	14-Sep-09	17:00:00	17.4
15-May-09	12:00:00	7.1	25-Jun-09	06:00:00	17.1	5-Aug-09	00:00:00	19.1	14-Sep-09	18:00:00	17.7
15-May-09	13:00:00	7.5	25-Jun-09	07:00:00	16.8	5-Aug-09	01:00:00	18.8	14-Sep-09	19:00:00	17.7
15-May-09	14:00:00	8.0	25-Jun-09	08:00:00	16.6	5-Aug-09	02:00:00	18.3	14-Sep-09	20:00:00	17.4
15-May-09	15:00:00	8.6	25-Jun-09	09:00:00	16.6	5-Aug-09	03:00:00	17.8	14-Sep-09	21:00:00	16.9
15-May-09	16:00:00	8.9	25-Jun-09	10:00:00	16.8	5-Aug-09	04:00:00	17.5	14-Sep-09	22:00:00	16.6
15-May-09	17:00:00	9.2	25-Jun-09	11:00:00	16.8	5-Aug-09	05:00:00	17.2	14-Sep-09	23:00:00	16.3
15-May-09	18:00:00	9.8	25-Jun-09	12:00:00	17.1	5-Aug-09	06:00:00	16.9	15-Sep-09	00:00:00	16.2
15-May-09	19:00:00	10.1	25-Jun-09	13:00:00	17.4	5-Aug-09	07:00:00	16.8	15-Sep-09	01:00:00	15.9
15-May-09	20:00:00	9.9	25-Jun-09	14:00:00	17.2	5-Aug-09	08:00:00	16.6	15-Sep-09	02:00:00	15.5
15-May-09	21:00:00	9.8	25-Jun-09	15:00:00	17.1	5-Aug-09	09:00:00	16.3	15-Sep-09	03:00:00	15.2
15-May-09	22:00:00	9.5	25-Jun-09	16:00:00	17.4	5-Aug-09	10:00:00	16.3	15-Sep-09	04:00:00	14.9
15-May-09	23:00:00	9.2	25-Jun-09	17:00:00	17.4	5-Aug-09	11:00:00	16.5	15-Sep-09	05:00:00	14.6
16-May-09	00:00:00	9.0	25-Jun-09	18:00:00	17.8	5-Aug-09	12:00:00	16.9	15-Sep-09	06:00:00	14.3
16-May-09	01:00:00	8.9	25-Jun-09	19:00:00	17.5	5-Aug-09	13:00:00	17.5	15-Sep-09	07:00:00	14.0
16-May-09	02:00:00	8.7	25-Jun-09	20:00:00	17.5	5-Aug-09	14:00:00	18.1	15-Sep-09	08:00:00	13.8
16-May-09	03:00:00	8.6	25-Jun-09	21:00:00	17.5	5-Aug-09	15:00:00	18.6	15-Sep-09	09:00:00	13.5
16-May-09	04:00:00	8.4	25-Jun-09	22:00:00	17.4	5-Aug-09	16:00:00	18.4	15-Sep-09	10:00:00	13.5
16-May-09	05:00:00	8.3	25-Jun-09	23:00:00	17.4	5-Aug-09	17:00:00	19.1	15-Sep-09	11:00:00	13.6
16-May-09	06:00:00	8.0	26-Jun-09	00:00:00	17.1	5-Aug-09	18:00:00	19.5	15-Sep-09	12:00:00	13.9
16-May-09	07:00:00	7.7	26-Jun-09	01:00:00	16.9	5-Aug-09	19:00:00	19.5	15-Sep-09	13:00:00	14.5
16-May-09	08:00:00	7.5	26-Jun-09	02:00:00	16.8	5-Aug-09	20:00:00	19.7	15-Sep-09	14:00:00	15.1
16-May-09	09:00:00	7.5	26-Jun-09	03:00:00	16.5	5-Aug-09	21:00:00	19.5	15-Sep-09	15:00:00	15.7
16-May-09	10:00:00	7.8	26-Jun-09	04:00:00	16.3	5-Aug-09	22:00:00	19.1	15-Sep-09	16:00:00	16.3

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
16-May-09	11:00:00	8.3	26-Jun-09	05:00:00	16.0	5-Aug-09	23:00:00	18.8	15-Sep-09	17:00:00	16.8
16-May-09	12:00:00	8.7	26-Jun-09	06:00:00	15.9	6-Aug-09	00:00:00	18.6	15-Sep-09	18:00:00	16.8
16-May-09	13:00:00	9.2	26-Jun-09	07:00:00	15.7	6-Aug-09	01:00:00	18.1	15-Sep-09	19:00:00	16.6
16-May-09	14:00:00	9.3	26-Jun-09	08:00:00	15.5	6-Aug-09	02:00:00	17.5	15-Sep-09	20:00:00	16.5
16-May-09	15:00:00	9.8	26-Jun-09	09:00:00	15.5	6-Aug-09	03:00:00	17.1	15-Sep-09	21:00:00	16.2
16-May-09	16:00:00	9.6	26-Jun-09	10:00:00	15.5	6-Aug-09	04:00:00	16.8	15-Sep-09	22:00:00	15.7
16-May-09	17:00:00	9.6	26-Jun-09	11:00:00	15.5	6-Aug-09	05:00:00	16.5	15-Sep-09	23:00:00	15.5
16-May-09	18:00:00	9.5	26-Jun-09	12:00:00	15.7	6-Aug-09	06:00:00	16.0	16-Sep-09	00:00:00	15.4
16-May-09	19:00:00	9.3	26-Jun-09	13:00:00	15.7	6-Aug-09	07:00:00	15.7	16-Sep-09	01:00:00	15.2
16-May-09	20:00:00	9.3	26-Jun-09	14:00:00	15.7	6-Aug-09	08:00:00	15.5	16-Sep-09	02:00:00	14.9
16-May-09	21:00:00	9.2	26-Jun-09	15:00:00	15.9	6-Aug-09	09:00:00	15.5	16-Sep-09	03:00:00	14.9
16-May-09	22:00:00	9.0	26-Jun-09	16:00:00	16.2	6-Aug-09	10:00:00	15.5	16-Sep-09	04:00:00	14.8
16-May-09	23:00:00	8.9	26-Jun-09	17:00:00	16.2	6-Aug-09	11:00:00	15.7	16-Sep-09	05:00:00	14.5
17-May-09	00:00:00	8.7	26-Jun-09	18:00:00	16.3	6-Aug-09	12:00:00	16.3	16-Sep-09	06:00:00	14.3
17-May-09	01:00:00	8.4	26-Jun-09	19:00:00	16.2	6-Aug-09	13:00:00	17.1	16-Sep-09	07:00:00	14.0
17-May-09	02:00:00	8.4	26-Jun-09	20:00:00	16.0	6-Aug-09	14:00:00	17.8	16-Sep-09	08:00:00	14.0
17-May-09	03:00:00	8.1	26-Jun-09	21:00:00	16.0	6-Aug-09	15:00:00	18.8	16-Sep-09	09:00:00	14.0
17-May-09	04:00:00	8.0	26-Jun-09	22:00:00	15.9	6-Aug-09	16:00:00	19.5	16-Sep-09	10:00:00	14.0
17-May-09	05:00:00	7.8	26-Jun-09	23:00:00	15.5	6-Aug-09	17:00:00	20.2	16-Sep-09	11:00:00	14.0
17-May-09	06:00:00	7.5	27-Jun-09	00:00:00	15.4	6-Aug-09	18:00:00	20.5	16-Sep-09	12:00:00	14.2
17-May-09	07:00:00	7.1	27-Jun-09	01:00:00	15.1	6-Aug-09	19:00:00	20.8	16-Sep-09	13:00:00	14.3
17-May-09	08:00:00	7.0	27-Jun-09	02:00:00	14.9	6-Aug-09	20:00:00	20.6	16-Sep-09	14:00:00	14.5
17-May-09	09:00:00	6.8	27-Jun-09	03:00:00	14.6	6-Aug-09	21:00:00	20.5	16-Sep-09	15:00:00	14.6
17-May-09	10:00:00	6.7	27-Jun-09	04:00:00	14.3	6-Aug-09	22:00:00	20.3	16-Sep-09	16:00:00	14.9
17-May-09	11:00:00	7.0	27-Jun-09	05:00:00	14.0	6-Aug-09	23:00:00	20.0	16-Sep-09	17:00:00	15.2
17-May-09	12:00:00	7.0	27-Jun-09	06:00:00	13.8	7-Aug-09	00:00:00	19.9	16-Sep-09	18:00:00	15.2
17-May-09	13:00:00	7.0	27-Jun-09	07:00:00	13.5	7-Aug-09	01:00:00	19.4	16-Sep-09	19:00:00	15.1
17-May-09	14:00:00	7.0	27-Jun-09	08:00:00	13.3	7-Aug-09	02:00:00	19.1	16-Sep-09	20:00:00	14.9
17-May-09	15:00:00	7.0	27-Jun-09	09:00:00	13.3	7-Aug-09	03:00:00	18.6	16-Sep-09	21:00:00	14.8
17-May-09	16:00:00	7.1	27-Jun-09	10:00:00	13.5	7-Aug-09	04:00:00	18.1	16-Sep-09	22:00:00	14.6
17-May-09	17:00:00	7.1	27-Jun-09	11:00:00	13.5	7-Aug-09	05:00:00	17.8	16-Sep-09	23:00:00	14.5
17-May-09	18:00:00	7.1	27-Jun-09	12:00:00	13.6	7-Aug-09	06:00:00	17.4	17-Sep-09	00:00:00	14.5
17-May-09	19:00:00	7.1	27-Jun-09	13:00:00	13.9	7-Aug-09	07:00:00	17.1	17-Sep-09	01:00:00	14.3
17-May-09	20:00:00	7.3	27-Jun-09	14:00:00	14.0	7-Aug-09	08:00:00	16.9	17-Sep-09	02:00:00	14.2
17-May-09	21:00:00	7.3	27-Jun-09	15:00:00	14.3	7-Aug-09	09:00:00	16.8	17-Sep-09	03:00:00	13.9
17-May-09	22:00:00	7.1	27-Jun-09	16:00:00	14.8	7-Aug-09	10:00:00	16.9	17-Sep-09	04:00:00	13.9
17-May-09	23:00:00	7.0	27-Jun-09	17:00:00	15.2	7-Aug-09	11:00:00	17.2	17-Sep-09	05:00:00	13.6
18-May-09	00:00:00	6.8	27-Jun-09	18:00:00	15.5	7-Aug-09	12:00:00	17.7	17-Sep-09	06:00:00	13.5
18-May-09	01:00:00	6.7	27-Jun-09	19:00:00	15.4	7-Aug-09	13:00:00	18.3	17-Sep-09	07:00:00	13.2
18-May-09	02:00:00	6.5	27-Jun-09	20:00:00	15.5	7-Aug-09	14:00:00	19.1	17-Sep-09	08:00:00	12.9
18-May-09	03:00:00	6.2	27-Jun-09	21:00:00	15.5	7-Aug-09	15:00:00	19.9	17-Sep-09	09:00:00	12.7
18-May-09	04:00:00	6.1	27-Jun-09	22:00:00	15.4	7-Aug-09	16:00:00	20.6	17-Sep-09	10:00:00	12.7
18-May-09	05:00:00	5.9	27-Jun-09	23:00:00	15.1	7-Aug-09	17:00:00	21.3	17-Sep-09	11:00:00	12.7
18-May-09	06:00:00	5.8	28-Jun-09	00:00:00	14.9	7-Aug-09	18:00:00	21.6	17-Sep-09	12:00:00	13.2
18-May-09	07:00:00	5.6	28-Jun-09	01:00:00	14.6	7-Aug-09	19:00:00	21.8	17-Sep-09	13:00:00	13.6
18-May-09	08:00:00	5.6	28-Jun-09	02:00:00	14.5	7-Aug-09	20:00:00	21.8	17-Sep-09	14:00:00	14.2
18-May-09	09:00:00	5.6	28-Jun-09	03:00:00	14.3	7-Aug-09	21:00:00	21.6	17-Sep-09	15:00:00	14.8
18-May-09	10:00:00	5.8	28-Jun-09	04:00:00	14.0	7-Aug-09	22:00:00	21.3	17-Sep-09	16:00:00	15.2
18-May-09	11:00:00	5.8	28-Jun-09	05:00:00	13.9	7-Aug-09	23:00:00	21.1	17-Sep-09	17:00:00	15.7
18-May-09	12:00:00	5.8	28-Jun-09	06:00:00	13.8	8-Aug-09	00:00:00	20.8	17-Sep-09	18:00:00	15.7
18-May-09	13:00:00	5.9	28-Jun-09	07:00:00	13.6	8-Aug-09	01:00:00	20.3	17-Sep-09	19:00:00	15.5
18-May-09	14:00:00	6.2	28-Jun-09	08:00:00	13.5	8-Aug-09	02:00:00	20.0	17-Sep-09	20:00:00	14.9
18-May-09	15:00:00	6.4	28-Jun-09	09:00:00	13.6	8-Aug-09	03:00:00	19.5	17-Sep-09	21:00:00	14.5
18-May-09	16:00:00	6.4	28-Jun-09	10:00:00	13.8	8-Aug-09	04:00:00	19.2	17-Sep-09	22:00:00	14.0
18-May-09	17:00:00	6.5	28-Jun-09	11:00:00	14.0	8-Aug-09	05:00:00	18.9	17-Sep-09	23:00:00	13.6
18-May-09	18:00:00	6.5	28-Jun-09	12:00:00	14.2	8-Aug-09	06:00:00	18.6	18-Sep-09	00:00:00	13.3
18-May-09	19:00:00	6.5	28-Jun-09	13:00:00	14.3	8-Aug-09	07:00:00	18.1	18-Sep-09	01:00:00	13.2
18-May-09	20:00:00	6.5	28-Jun-09	14:00:00	14.6	8-Aug-09	08:00:00	18.0	18-Sep-09	02:00:00	13.0
18-May-09	21:00:00	6.5	28-Jun-09	15:00:00	15.4	8-Aug-09	09:00:00	17.8	18-Sep-09	03:00:00	12.9

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
18-May-09	22:00:00	6.4	28-Jun-09	16:00:00	16.0	8-Aug-09	10:00:00	18.0	18-Sep-09	04:00:00	12.7
18-May-09	23:00:00	6.2	28-Jun-09	17:00:00	16.0	8-Aug-09	11:00:00	18.1	18-Sep-09	05:00:00	12.6
19-May-09	00:00:00	6.1	28-Jun-09	18:00:00	16.2	8-Aug-09	12:00:00	18.8	18-Sep-09	06:00:00	12.4
19-May-09	01:00:00	5.9	28-Jun-09	19:00:00	16.3	8-Aug-09	13:00:00	19.4	18-Sep-09	07:00:00	12.1
19-May-09	02:00:00	5.8	28-Jun-09	20:00:00	16.5	8-Aug-09	14:00:00	20.2	18-Sep-09	08:00:00	11.8
19-May-09	03:00:00	5.8	28-Jun-09	21:00:00	16.3	8-Aug-09	15:00:00	20.8	18-Sep-09	09:00:00	11.5
19-May-09	04:00:00	5.6	28-Jun-09	22:00:00	16.2	8-Aug-09	16:00:00	21.3	18-Sep-09	10:00:00	11.5
19-May-09	05:00:00	5.5	28-Jun-09	23:00:00	15.9	8-Aug-09	17:00:00	21.8	18-Sep-09	11:00:00	11.7
19-May-09	06:00:00	5.3	29-Jun-09	00:00:00	15.5	8-Aug-09	18:00:00	21.9	18-Sep-09	12:00:00	12.1
19-May-09	07:00:00	5.2	29-Jun-09	01:00:00	15.1	8-Aug-09	19:00:00	22.1	18-Sep-09	13:00:00	13.0
19-May-09	08:00:00	5.2	29-Jun-09	02:00:00	14.8	8-Aug-09	20:00:00	22.1	18-Sep-09	14:00:00	13.5
19-May-09	09:00:00	5.0	29-Jun-09	03:00:00	14.3	8-Aug-09	21:00:00	21.8	18-Sep-09	15:00:00	14.2
19-May-09	10:00:00	5.0	29-Jun-09	04:00:00	14.2	8-Aug-09	22:00:00	21.4	18-Sep-09	16:00:00	14.9
19-May-09	11:00:00	5.0	29-Jun-09	05:00:00	13.9	8-Aug-09	23:00:00	21.1	18-Sep-09	17:00:00	15.4
19-May-09	12:00:00	5.0	29-Jun-09	06:00:00	13.6	9-Aug-09	00:00:00	21.0	18-Sep-09	18:00:00	15.4
19-May-09	13:00:00	4.9	29-Jun-09	07:00:00	13.3	9-Aug-09	01:00:00	20.6	18-Sep-09	19:00:00	15.2
19-May-09	14:00:00	5.0	29-Jun-09	08:00:00	13.2	9-Aug-09	02:00:00	20.2	18-Sep-09	20:00:00	14.9
19-May-09	15:00:00	5.2	29-Jun-09	09:00:00	13.3	9-Aug-09	03:00:00	19.9	18-Sep-09	21:00:00	14.6
19-May-09	16:00:00	5.3	29-Jun-09	10:00:00	13.3	9-Aug-09	04:00:00	19.4	18-Sep-09	22:00:00	14.5
19-May-09	17:00:00	5.5	29-Jun-09	11:00:00	13.8	9-Aug-09	05:00:00	19.1	18-Sep-09	23:00:00	14.2
19-May-09	18:00:00	5.6	29-Jun-09	12:00:00	14.3	9-Aug-09	06:00:00	18.6	19-Sep-09	00:00:00	14.0
19-May-09	19:00:00	5.8	29-Jun-09	13:00:00	14.9	9-Aug-09	07:00:00	18.1	19-Sep-09	01:00:00	13.8
19-May-09	20:00:00	5.8	29-Jun-09	14:00:00	15.4	9-Aug-09	08:00:00	18.0	19-Sep-09	02:00:00	13.6
19-May-09	21:00:00	5.8	29-Jun-09	15:00:00	15.9	9-Aug-09	09:00:00	17.8	19-Sep-09	03:00:00	13.5
19-May-09	22:00:00	5.6	29-Jun-09	16:00:00	16.2	9-Aug-09	10:00:00	17.8	19-Sep-09	04:00:00	13.5
19-May-09	23:00:00	5.5	29-Jun-09	17:00:00	16.8	9-Aug-09	11:00:00	18.1	19-Sep-09	05:00:00	13.3
20-May-09	00:00:00	5.3	29-Jun-09	18:00:00	17.2	9-Aug-09	12:00:00	18.4	19-Sep-09	06:00:00	13.3
20-May-09	01:00:00	5.0	29-Jun-09	19:00:00	17.4	9-Aug-09	13:00:00	19.2	19-Sep-09	07:00:00	13.2
20-May-09	02:00:00	4.9	29-Jun-09	20:00:00	17.1	9-Aug-09	14:00:00	19.9	19-Sep-09	08:00:00	13.0
20-May-09	03:00:00	4.7	29-Jun-09	21:00:00	16.8	9-Aug-09	15:00:00	20.5	19-Sep-09	09:00:00	12.9
20-May-09	04:00:00	4.4	29-Jun-09	22:00:00	16.6	9-Aug-09	16:00:00	21.1	19-Sep-09	10:00:00	12.9
20-May-09	05:00:00	4.3	29-Jun-09	23:00:00	16.5	9-Aug-09	17:00:00	21.4	19-Sep-09	11:00:00	13.0
20-May-09	06:00:00	4.1	30-Jun-09	00:00:00	16.2	9-Aug-09	18:00:00	21.6	19-Sep-09	12:00:00	13.0
20-May-09	07:00:00	4.0	30-Jun-09	01:00:00	15.9	9-Aug-09	19:00:00	21.4	19-Sep-09	13:00:00	13.5
20-May-09	08:00:00	4.0	30-Jun-09	02:00:00	15.4	9-Aug-09	20:00:00	21.3	19-Sep-09	14:00:00	14.0
20-May-09	09:00:00	4.0	30-Jun-09	03:00:00	15.1	9-Aug-09	21:00:00	21.0	19-Sep-09	15:00:00	14.5
20-May-09	10:00:00	4.3	30-Jun-09	04:00:00	14.8	9-Aug-09	22:00:00	20.8	19-Sep-09	16:00:00	14.6
20-May-09	11:00:00	4.9	30-Jun-09	05:00:00	14.5	9-Aug-09	23:00:00	20.3	19-Sep-09	17:00:00	14.9
20-May-09	12:00:00	5.6	30-Jun-09	06:00:00	14.2	10-Aug-09	00:00:00	20.0	19-Sep-09	18:00:00	14.9
20-May-09	13:00:00	6.4	30-Jun-09	07:00:00	14.0	10-Aug-09	01:00:00	19.5	19-Sep-09	19:00:00	14.6
20-May-09	14:00:00	7.3	30-Jun-09	08:00:00	13.9	10-Aug-09	02:00:00	19.2	19-Sep-09	20:00:00	14.2
20-May-09	15:00:00	8.0	30-Jun-09	09:00:00	13.8	10-Aug-09	03:00:00	18.8	19-Sep-09	21:00:00	13.8
20-May-09	16:00:00	8.4	30-Jun-09	10:00:00	13.8	10-Aug-09	04:00:00	18.6	19-Sep-09	22:00:00	13.5
20-May-09	17:00:00	9.2	30-Jun-09	11:00:00	13.9	10-Aug-09	05:00:00	18.3	19-Sep-09	23:00:00	13.2
20-May-09	18:00:00	9.5	30-Jun-09	12:00:00	13.9	10-Aug-09	06:00:00	18.1	20-Sep-09	00:00:00	12.7
20-May-09	19:00:00	9.8	30-Jun-09	13:00:00	14.0	10-Aug-09	07:00:00	17.8	20-Sep-09	01:00:00	12.4
20-May-09	20:00:00	9.6	30-Jun-09	14:00:00	14.2	10-Aug-09	08:00:00	17.7	20-Sep-09	02:00:00	12.3
20-May-09	21:00:00	9.3	30-Jun-09	15:00:00	14.2	10-Aug-09	09:00:00	17.5	20-Sep-09	03:00:00	12.0
20-May-09	22:00:00	9.0	30-Jun-09	16:00:00	14.2	10-Aug-09	10:00:00	17.7	20-Sep-09	04:00:00	11.8
20-May-09	23:00:00	8.6	30-Jun-09	17:00:00	14.3	10-Aug-09	11:00:00	18.0	20-Sep-09	05:00:00	11.5
21-May-09	00:00:00	8.3	30-Jun-09	18:00:00	14.5	10-Aug-09	12:00:00	18.3	20-Sep-09	06:00:00	11.2
21-May-09	01:00:00	8.1	30-Jun-09	19:00:00	14.6	10-Aug-09	13:00:00	18.8	20-Sep-09	07:00:00	10.9
21-May-09	02:00:00	7.8	30-Jun-09	20:00:00	14.6	10-Aug-09	14:00:00	19.2	20-Sep-09	08:00:00	10.6
21-May-09	03:00:00	7.5	30-Jun-09	21:00:00	14.6	10-Aug-09	15:00:00	19.7	20-Sep-09	09:00:00	10.5
21-May-09	04:00:00	7.4	30-Jun-09	22:00:00	14.6	10-Aug-09	16:00:00	20.0	20-Sep-09	10:00:00	10.3
21-May-09	05:00:00	7.1	30-Jun-09	23:00:00	14.6	10-Aug-09	17:00:00	20.5	20-Sep-09	11:00:00	10.5
21-May-09	06:00:00	7.0	1-Jul-09	00:00:00	14.3	10-Aug-09	18:00:00	20.6	20-Sep-09	12:00:00	10.8
21-May-09	07:00:00	6.7	1-Jul-09	01:00:00	14.2	10-Aug-09	19:00:00	20.3	20-Sep-09	13:00:00	11.4
21-May-09	08:00:00	6.7	1-Jul-09	02:00:00	14.0	10-Aug-09	20:00:00	20.2	20-Sep-09	14:00:00	12.1

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
21-May-09	09:00:00	6.7	1-Jul-09	03:00:00	13.9	10-Aug-09	21:00:00	20.0	20-Sep-09	15:00:00	12.6
21-May-09	10:00:00	6.8	1-Jul-09	04:00:00	13.8	10-Aug-09	22:00:00	19.7	20-Sep-09	16:00:00	13.3
21-May-09	11:00:00	7.3	1-Jul-09	05:00:00	13.6	10-Aug-09	23:00:00	19.4	20-Sep-09	17:00:00	13.8
21-May-09	12:00:00	7.8	1-Jul-09	06:00:00	13.5	11-Aug-09	00:00:00	19.1	20-Sep-09	18:00:00	13.8
21-May-09	13:00:00	8.6	1-Jul-09	07:00:00	13.5	11-Aug-09	01:00:00	18.8	20-Sep-09	19:00:00	13.6
21-May-09	14:00:00	9.5	1-Jul-09	08:00:00	13.5	11-Aug-09	02:00:00	18.3	20-Sep-09	20:00:00	13.2
21-May-09	15:00:00	10.2	1-Jul-09	09:00:00	13.5	11-Aug-09	03:00:00	17.8	20-Sep-09	21:00:00	12.6
21-May-09	16:00:00	10.8	1-Jul-09	10:00:00	13.6	11-Aug-09	04:00:00	17.5	20-Sep-09	22:00:00	12.1
21-May-09	17:00:00	11.2	1-Jul-09	11:00:00	13.8	11-Aug-09	05:00:00	17.1	20-Sep-09	23:00:00	11.8
21-May-09	18:00:00	11.5	1-Jul-09	12:00:00	13.9	11-Aug-09	06:00:00	16.6	21-Sep-09	00:00:00	11.5
21-May-09	19:00:00	11.7	1-Jul-09	13:00:00	14.2	11-Aug-09	07:00:00	16.3	21-Sep-09	01:00:00	11.2
21-May-09	20:00:00	11.4	1-Jul-09	14:00:00	14.5	11-Aug-09	08:00:00	16.0	21-Sep-09	02:00:00	11.1
21-May-09	21:00:00	11.2	1-Jul-09	15:00:00	14.9	11-Aug-09	09:00:00	15.9	21-Sep-09	03:00:00	10.9
21-May-09	22:00:00	10.9	1-Jul-09	16:00:00	14.9	11-Aug-09	10:00:00	15.9	21-Sep-09	04:00:00	10.9
21-May-09	23:00:00	10.6	1-Jul-09	17:00:00	15.4	11-Aug-09	11:00:00	16.0	21-Sep-09	05:00:00	10.8
22-May-09	00:00:00	10.3	1-Jul-09	18:00:00	15.5	11-Aug-09	12:00:00	16.5	21-Sep-09	06:00:00	10.8
22-May-09	01:00:00	10.1	1-Jul-09	19:00:00	15.5	11-Aug-09	13:00:00	16.8	21-Sep-09	07:00:00	10.8
22-May-09	02:00:00	9.6	1-Jul-09	20:00:00	15.9	11-Aug-09	14:00:00	17.1	21-Sep-09	08:00:00	10.6
22-May-09	03:00:00	9.2	1-Jul-09	21:00:00	15.9	11-Aug-09	15:00:00	17.5	21-Sep-09	09:00:00	10.6
22-May-09	04:00:00	8.9	1-Jul-09	22:00:00	16.0	11-Aug-09	16:00:00	18.3	21-Sep-09	10:00:00	10.6
22-May-09	05:00:00	8.6	1-Jul-09	23:00:00	15.7	11-Aug-09	17:00:00	18.8	21-Sep-09	11:00:00	10.9
22-May-09	06:00:00	8.1	2-Jul-09	00:00:00	15.5	11-Aug-09	18:00:00	18.9	21-Sep-09	12:00:00	11.2
22-May-09	07:00:00	7.8	2-Jul-09	01:00:00	15.2	11-Aug-09	19:00:00	18.8	21-Sep-09	13:00:00	11.8
22-May-09	08:00:00	7.7	2-Jul-09	02:00:00	14.8	11-Aug-09	20:00:00	18.6	21-Sep-09	14:00:00	12.7
22-May-09	09:00:00	7.7	2-Jul-09	03:00:00	14.3	11-Aug-09	21:00:00	18.3	21-Sep-09	15:00:00	13.0
22-May-09	10:00:00	7.8	2-Jul-09	04:00:00	13.9	11-Aug-09	22:00:00	18.1	21-Sep-09	16:00:00	13.2
22-May-09	11:00:00	8.3	2-Jul-09	05:00:00	13.6	11-Aug-09	23:00:00	17.8	21-Sep-09	17:00:00	13.9
22-May-09	12:00:00	9.0	2-Jul-09	06:00:00	13.5	12-Aug-09	00:00:00	17.5	21-Sep-09	18:00:00	13.9
22-May-09	13:00:00	9.8	2-Jul-09	07:00:00	13.2	12-Aug-09	01:00:00	17.2	21-Sep-09	19:00:00	13.6
22-May-09	14:00:00	10.5	2-Jul-09	08:00:00	13.0	12-Aug-09	02:00:00	16.8	21-Sep-09	20:00:00	13.5
22-May-09	15:00:00	11.2	2-Jul-09	09:00:00	13.2	12-Aug-09	03:00:00	16.5	21-Sep-09	21:00:00	13.2
22-May-09	16:00:00	11.8	2-Jul-09	10:00:00	13.3	12-Aug-09	04:00:00	16.2	21-Sep-09	22:00:00	13.0
22-May-09	17:00:00	12.3	2-Jul-09	11:00:00	13.8	12-Aug-09	05:00:00	15.7	21-Sep-09	23:00:00	12.9
22-May-09	18:00:00	12.6	2-Jul-09	12:00:00	14.2	12-Aug-09	06:00:00	15.5	22-Sep-09	00:00:00	12.9
22-May-09	19:00:00	12.4	2-Jul-09	13:00:00	15.1	12-Aug-09	07:00:00	15.2	22-Sep-09	01:00:00	12.7
22-May-09	20:00:00	12.3	2-Jul-09	14:00:00	15.9	12-Aug-09	08:00:00	15.1	22-Sep-09	02:00:00	12.6
22-May-09	21:00:00	12.6	2-Jul-09	15:00:00	16.8	12-Aug-09	09:00:00	14.9	22-Sep-09	03:00:00	12.4
22-May-09	22:00:00	12.0	2-Jul-09	16:00:00	16.9	12-Aug-09	10:00:00	14.9	22-Sep-09	04:00:00	12.3
22-May-09	23:00:00	11.7	2-Jul-09	17:00:00	17.1	12-Aug-09	11:00:00	14.9	22-Sep-09	05:00:00	12.1
23-May-09	00:00:00	11.4	2-Jul-09	18:00:00	17.4	12-Aug-09	12:00:00	15.1	22-Sep-09	06:00:00	12.0
23-May-09	01:00:00	10.9	2-Jul-09	19:00:00	17.1	12-Aug-09	13:00:00	15.1	22-Sep-09	07:00:00	11.7
23-May-09	02:00:00	10.5	2-Jul-09	20:00:00	17.1	12-Aug-09	14:00:00	15.1	22-Sep-09	08:00:00	11.5
23-May-09	03:00:00	10.2	2-Jul-09	21:00:00	16.8	12-Aug-09	15:00:00	15.4	22-Sep-09	09:00:00	11.4
23-May-09	04:00:00	10.1	2-Jul-09	22:00:00	16.5	12-Aug-09	16:00:00	15.4	22-Sep-09	10:00:00	11.4
23-May-09	05:00:00	9.8	2-Jul-09	23:00:00	16.3	12-Aug-09	17:00:00	15.5	22-Sep-09	11:00:00	11.5
23-May-09	06:00:00	9.5	3-Jul-09	00:00:00	16.0	12-Aug-09	18:00:00	16.0	22-Sep-09	12:00:00	12.0
23-May-09	07:00:00	9.2	3-Jul-09	01:00:00	15.7	12-Aug-09	19:00:00	16.0	22-Sep-09	13:00:00	12.6
23-May-09	08:00:00	9.0	3-Jul-09	02:00:00	15.2	12-Aug-09	20:00:00	16.0	22-Sep-09	14:00:00	13.5
23-May-09	09:00:00	9.0	3-Jul-09	03:00:00	14.9	12-Aug-09	21:00:00	15.9	22-Sep-09	15:00:00	14.2
23-May-09	10:00:00	9.2	3-Jul-09	04:00:00	14.6	12-Aug-09	22:00:00	15.7	22-Sep-09	16:00:00	14.9
23-May-09	11:00:00	9.6	3-Jul-09	05:00:00	14.3	12-Aug-09	23:00:00	15.5	22-Sep-09	17:00:00	15.4
23-May-09	12:00:00	10.1	3-Jul-09	06:00:00	14.2	13-Aug-09	00:00:00	15.4	22-Sep-09	18:00:00	15.5
23-May-09	13:00:00	10.6	3-Jul-09	07:00:00	14.0	13-Aug-09	01:00:00	15.2	22-Sep-09	19:00:00	15.4
23-May-09	14:00:00	10.9	3-Jul-09	08:00:00	13.9	13-Aug-09	02:00:00	15.1	22-Sep-09	20:00:00	14.9
23-May-09	15:00:00	11.2	3-Jul-09	09:00:00	14.0	13-Aug-09	03:00:00	14.9	22-Sep-09	21:00:00	14.5
23-May-09	16:00:00	11.7	3-Jul-09	10:00:00	14.0	13-Aug-09	04:00:00	14.8	22-Sep-09	22:00:00	14.2
23-May-09	17:00:00	12.3	3-Jul-09	11:00:00	14.2	13-Aug-09	05:00:00	14.6	22-Sep-09	23:00:00	13.9
23-May-09	18:00:00	12.6	3-Jul-09	12:00:00	14.5	13-Aug-09	06:00:00	14.5	23-Sep-09	00:00:00	13.6
23-May-09	19:00:00	12.9	3-Jul-09	13:00:00	15.2	13-Aug-09	07:00:00	14.3	23-Sep-09	01:00:00	13.3

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
23-May-09	20:00:00	12.9	3-Jul-09	14:00:00	15.5	13-Aug-09	08:00:00	14.2	23-Sep-09	02:00:00	13.2
23-May-09	21:00:00	12.4	3-Jul-09	15:00:00	16.2	13-Aug-09	09:00:00	14.0	23-Sep-09	03:00:00	13.0
23-May-09	22:00:00	12.3	3-Jul-09	16:00:00	16.8	13-Aug-09	10:00:00	14.0	23-Sep-09	04:00:00	12.7
23-May-09	23:00:00	12.3	3-Jul-09	17:00:00	17.1	13-Aug-09	11:00:00	14.0	23-Sep-09	05:00:00	12.6
24-May-09	00:00:00	11.8	3-Jul-09	18:00:00	17.4	13-Aug-09	12:00:00	14.2	23-Sep-09	06:00:00	12.4
24-May-09	01:00:00	11.5	3-Jul-09	19:00:00	18.0	13-Aug-09	13:00:00	14.6	23-Sep-09	07:00:00	12.1
24-May-09	02:00:00	11.1	3-Jul-09	20:00:00	17.8	13-Aug-09	14:00:00	15.4	23-Sep-09	08:00:00	12.0
24-May-09	03:00:00	10.8	3-Jul-09	21:00:00	17.5	13-Aug-09	15:00:00	16.0	23-Sep-09	09:00:00	11.7
24-May-09	04:00:00	10.5	3-Jul-09	22:00:00	17.2	13-Aug-09	16:00:00	16.8	23-Sep-09	10:00:00	11.5
24-May-09	05:00:00	10.1	3-Jul-09	23:00:00	16.8	13-Aug-09	17:00:00	17.1	23-Sep-09	11:00:00	11.5
24-May-09	06:00:00	9.9	4-Jul-09	00:00:00	16.6	13-Aug-09	18:00:00	17.4	23-Sep-09	12:00:00	12.0
24-May-09	07:00:00	9.6	4-Jul-09	01:00:00	16.3	13-Aug-09	19:00:00	17.7	23-Sep-09	13:00:00	12.6
24-May-09	08:00:00	9.5	4-Jul-09	02:00:00	16.0	13-Aug-09	20:00:00	17.4	23-Sep-09	14:00:00	13.3
24-May-09	09:00:00	9.6	4-Jul-09	03:00:00	15.7	13-Aug-09	21:00:00	16.9	23-Sep-09	15:00:00	14.0
24-May-09	10:00:00	9.8	4-Jul-09	04:00:00	15.4	13-Aug-09	22:00:00	16.6	23-Sep-09	16:00:00	14.6
24-May-09	11:00:00	10.2	4-Jul-09	05:00:00	15.1	13-Aug-09	23:00:00	16.2	23-Sep-09	17:00:00	15.2
24-May-09	12:00:00	10.8	4-Jul-09	06:00:00	14.9	14-Aug-09	00:00:00	15.9	23-Sep-09	18:00:00	15.5
24-May-09	13:00:00	11.5	4-Jul-09	07:00:00	14.8	14-Aug-09	01:00:00	15.7	23-Sep-09	19:00:00	15.4
24-May-09	14:00:00	11.7	4-Jul-09	08:00:00	14.8	14-Aug-09	02:00:00	15.2	23-Sep-09	20:00:00	14.9
24-May-09	15:00:00	11.5	4-Jul-09	09:00:00	14.6	14-Aug-09	03:00:00	14.9	23-Sep-09	21:00:00	14.6
24-May-09	16:00:00	11.7	4-Jul-09	10:00:00	14.8	14-Aug-09	04:00:00	14.5	23-Sep-09	22:00:00	14.2
24-May-09	17:00:00	11.8	4-Jul-09	11:00:00	14.9	14-Aug-09	05:00:00	14.2	23-Sep-09	23:00:00	13.9
24-May-09	18:00:00	11.8	4-Jul-09	12:00:00	15.2	14-Aug-09	06:00:00	13.9	24-Sep-09	00:00:00	13.6
24-May-09	19:00:00	12.0	4-Jul-09	13:00:00	15.7	14-Aug-09	07:00:00	13.6	24-Sep-09	01:00:00	13.5
24-May-09	20:00:00	12.0	4-Jul-09	14:00:00	16.3	14-Aug-09	08:00:00	13.5	24-Sep-09	02:00:00	13.2
24-May-09	21:00:00	12.3	4-Jul-09	15:00:00	16.9	14-Aug-09	09:00:00	13.3	24-Sep-09	03:00:00	13.0
24-May-09	22:00:00	12.3	4-Jul-09	16:00:00	17.8	14-Aug-09	10:00:00	13.3	24-Sep-09	04:00:00	12.7
24-May-09	23:00:00	12.1	4-Jul-09	17:00:00	18.3	14-Aug-09	11:00:00	13.5	24-Sep-09	05:00:00	12.4
25-May-09	00:00:00	12.1	4-Jul-09	18:00:00	18.3	14-Aug-09	12:00:00	13.9	24-Sep-09	06:00:00	12.1
25-May-09	01:00:00	11.8	4-Jul-09	19:00:00	18.3	14-Aug-09	13:00:00	14.6	24-Sep-09	07:00:00	12.0
25-May-09	02:00:00	11.5	4-Jul-09	20:00:00	18.6	14-Aug-09	14:00:00	15.5	24-Sep-09	08:00:00	11.7
25-May-09	03:00:00	10.9	4-Jul-09	21:00:00	18.3	14-Aug-09	15:00:00	16.5	24-Sep-09	09:00:00	11.5
25-May-09	04:00:00	10.6	4-Jul-09	22:00:00	18.0	14-Aug-09	16:00:00	17.2	24-Sep-09	10:00:00	11.4
25-May-09	05:00:00	10.3	4-Jul-09	23:00:00	17.8	14-Aug-09	17:00:00	17.8	24-Sep-09	11:00:00	11.4
25-May-09	06:00:00	10.1	5-Jul-09	00:00:00	17.4	14-Aug-09	18:00:00	18.3	24-Sep-09	12:00:00	11.7
25-May-09	07:00:00	9.8	5-Jul-09	01:00:00	17.1	14-Aug-09	19:00:00	18.3	24-Sep-09	13:00:00	12.1
25-May-09	08:00:00	9.6	5-Jul-09	02:00:00	16.6	14-Aug-09	20:00:00	18.1	24-Sep-09	14:00:00	12.6
25-May-09	09:00:00	9.6	5-Jul-09	03:00:00	16.3	14-Aug-09	21:00:00	18.0	24-Sep-09	15:00:00	13.2
25-May-09	10:00:00	9.9	5-Jul-09	04:00:00	15.9	14-Aug-09	22:00:00	17.8	24-Sep-09	16:00:00	13.8
25-May-09	11:00:00	10.2	5-Jul-09	05:00:00	15.4	14-Aug-09	23:00:00	17.7	24-Sep-09	17:00:00	13.9
25-May-09	12:00:00	10.8	5-Jul-09	06:00:00	14.9	15-Aug-09	00:00:00	17.5	24-Sep-09	18:00:00	14.0
25-May-09	13:00:00	11.5	5-Jul-09	07:00:00	14.6	15-Aug-09	01:00:00	17.4	24-Sep-09	19:00:00	13.8
25-May-09	14:00:00	12.1	5-Jul-09	08:00:00	14.5	15-Aug-09	02:00:00	17.1	24-Sep-09	20:00:00	13.3
25-May-09	15:00:00	12.6	5-Jul-09	09:00:00	14.5	15-Aug-09	03:00:00	16.8	24-Sep-09	21:00:00	13.0
25-May-09	16:00:00	13.3	5-Jul-09	10:00:00	14.8	15-Aug-09	04:00:00	16.6	24-Sep-09	22:00:00	12.6
25-May-09	17:00:00	13.3	5-Jul-09	11:00:00	15.2	15-Aug-09	05:00:00	16.5	24-Sep-09	23:00:00	12.1
25-May-09	18:00:00	13.2	5-Jul-09	12:00:00	16.0	15-Aug-09	06:00:00	16.3	25-Sep-09	00:00:00	11.8
25-May-09	19:00:00	13.3	5-Jul-09	13:00:00	16.8	15-Aug-09	07:00:00	16.2	25-Sep-09	01:00:00	11.5
25-May-09	20:00:00	13.0	5-Jul-09	14:00:00	17.5	15-Aug-09	08:00:00	15.9	25-Sep-09	02:00:00	11.2
25-May-09	21:00:00	13.0	5-Jul-09	15:00:00	18.3	15-Aug-09	09:00:00	15.9	25-Sep-09	03:00:00	10.9
25-May-09	22:00:00	13.0	5-Jul-09	16:00:00	19.1	15-Aug-09	10:00:00	16.0	25-Sep-09	04:00:00	10.6
25-May-09	23:00:00	12.7	5-Jul-09	17:00:00	19.5	15-Aug-09	11:00:00	16.2	25-Sep-09	05:00:00	10.3
26-May-09	00:00:00	12.3	5-Jul-09	18:00:00	19.9	15-Aug-09	12:00:00	16.3	25-Sep-09	06:00:00	10.2
26-May-09	01:00:00	12.0	5-Jul-09	19:00:00	19.9	15-Aug-09	13:00:00	16.6	25-Sep-09	07:00:00	9.9
26-May-09	02:00:00	11.8	5-Jul-09	20:00:00	19.9	15-Aug-09	14:00:00	17.2	25-Sep-09	08:00:00	9.8
26-May-09	03:00:00	11.5	5-Jul-09	21:00:00	19.7	15-Aug-09	15:00:00	17.7	25-Sep-09	09:00:00	9.6
26-May-09	04:00:00	11.4	5-Jul-09	22:00:00	19.4	15-Aug-09	16:00:00	18.1	25-Sep-09	10:00:00	9.8
26-May-09	05:00:00	11.1	5-Jul-09	23:00:00	19.2	15-Aug-09	17:00:00	18.6	25-Sep-09	11:00:00	9.9
26-May-09	06:00:00	10.9	6-Jul-09	00:00:00	18.9	15-Aug-09	18:00:00	19.2	25-Sep-09	12:00:00	10.2

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
26-May-09	07:00:00	10.8	6-Jul-09	01:00:00	18.6	15-Aug-09	19:00:00	19.1	25-Sep-09	13:00:00	10.8
26-May-09	08:00:00	10.6	6-Jul-09	02:00:00	18.1	15-Aug-09	20:00:00	18.6	25-Sep-09	14:00:00	11.1
26-May-09	09:00:00	10.5	6-Jul-09	03:00:00	17.7	15-Aug-09	21:00:00	18.3	25-Sep-09	15:00:00	11.5
26-May-09	10:00:00	10.3	6-Jul-09	04:00:00	17.4	15-Aug-09	22:00:00	18.0	25-Sep-09	16:00:00	11.4
26-May-09	11:00:00	10.5	6-Jul-09	05:00:00	17.1	15-Aug-09	23:00:00	17.7	25-Sep-09	17:00:00	11.4
26-May-09	12:00:00	10.5	6-Jul-09	06:00:00	16.8	16-Aug-09	00:00:00	17.4	25-Sep-09	18:00:00	11.4
26-May-09	13:00:00	10.6	6-Jul-09	07:00:00	16.6	16-Aug-09	01:00:00	17.1	25-Sep-09	19:00:00	11.2
26-May-09	14:00:00	10.6	6-Jul-09	08:00:00	16.6	16-Aug-09	02:00:00	16.8	25-Sep-09	20:00:00	11.1
26-May-09	15:00:00	10.8	6-Jul-09	09:00:00	16.5	16-Aug-09	03:00:00	16.6	25-Sep-09	21:00:00	10.8
26-May-09	16:00:00	10.9	6-Jul-09	10:00:00	16.3	16-Aug-09	04:00:00	16.3	25-Sep-09	22:00:00	10.6
26-May-09	17:00:00	10.9	6-Jul-09	11:00:00	16.2	16-Aug-09	05:00:00	15.9	25-Sep-09	23:00:00	10.5
26-May-09	18:00:00	11.1	6-Jul-09	12:00:00	16.0	16-Aug-09	06:00:00	15.5	26-Sep-09	00:00:00	10.2
26-May-09	19:00:00	11.1	6-Jul-09	13:00:00	15.9	16-Aug-09	07:00:00	15.2	26-Sep-09	01:00:00	9.9
26-May-09	20:00:00	11.1	6-Jul-09	14:00:00	15.9	16-Aug-09	08:00:00	14.9	26-Sep-09	02:00:00	9.8
26-May-09	21:00:00	10.9	6-Jul-09	15:00:00	15.7	16-Aug-09	09:00:00	14.9	26-Sep-09	03:00:00	9.5
26-May-09	22:00:00	10.9	6-Jul-09	16:00:00	15.7	16-Aug-09	10:00:00	14.9	26-Sep-09	04:00:00	9.3
26-May-09	23:00:00	10.8	6-Jul-09	17:00:00	15.7	16-Aug-09	11:00:00	15.4	26-Sep-09	05:00:00	9.3
27-May-09	00:00:00	10.8	6-Jul-09	18:00:00	15.7	16-Aug-09	12:00:00	15.9	26-Sep-09	06:00:00	9.0
27-May-09	01:00:00	10.6	6-Jul-09	19:00:00	15.7	16-Aug-09	13:00:00	16.6	26-Sep-09	07:00:00	8.9
27-May-09	02:00:00	10.5	6-Jul-09	20:00:00	15.5	16-Aug-09	14:00:00	17.4	26-Sep-09	08:00:00	8.9
27-May-09	03:00:00	10.3	6-Jul-09	21:00:00	15.4	16-Aug-09	15:00:00	18.3	26-Sep-09	09:00:00	8.9
27-May-09	04:00:00	10.2	6-Jul-09	22:00:00	15.2	16-Aug-09	16:00:00	19.1	26-Sep-09	10:00:00	8.9
27-May-09	05:00:00	10.1	6-Jul-09	23:00:00	15.1	16-Aug-09	17:00:00	19.5	26-Sep-09	11:00:00	8.9
27-May-09	06:00:00	9.9	7-Jul-09	00:00:00	14.9	16-Aug-09	18:00:00	19.9	26-Sep-09	12:00:00	9.3
27-May-09	07:00:00	9.8	7-Jul-09	01:00:00	14.8	16-Aug-09	19:00:00	19.9	26-Sep-09	13:00:00	9.8
27-May-09	08:00:00	9.6	7-Jul-09	02:00:00	14.6	16-Aug-09	20:00:00	19.9	26-Sep-09	14:00:00	10.1
27-May-09	09:00:00	9.5	7-Jul-09	03:00:00	14.5	16-Aug-09	21:00:00	19.4	26-Sep-09	15:00:00	10.1
27-May-09	10:00:00	9.3	7-Jul-09	04:00:00	14.5	16-Aug-09	22:00:00	19.2	26-Sep-09	16:00:00	10.3
27-May-09	11:00:00	9.3	7-Jul-09	05:00:00	14.3	16-Aug-09	23:00:00	19.1	26-Sep-09	17:00:00	10.5
27-May-09	12:00:00	9.2	7-Jul-09	06:00:00	14.3	17-Aug-09	00:00:00	18.8	26-Sep-09	18:00:00	10.6
27-May-09	13:00:00	9.3	7-Jul-09	07:00:00	14.2	17-Aug-09	01:00:00	18.6	26-Sep-09	19:00:00	10.5
27-May-09	14:00:00	9.3	7-Jul-09	08:00:00	14.0	17-Aug-09	02:00:00	18.4	26-Sep-09	20:00:00	10.2
27-May-09	15:00:00	9.2	7-Jul-09	09:00:00	14.2	17-Aug-09	03:00:00	18.1	26-Sep-09	21:00:00	9.8
27-May-09	16:00:00	9.2	7-Jul-09	10:00:00	14.2	17-Aug-09	04:00:00	17.8	26-Sep-09	22:00:00	9.5
27-May-09	17:00:00	9.2	7-Jul-09	11:00:00	14.2	17-Aug-09	05:00:00	17.4	26-Sep-09	23:00:00	9.2
27-May-09	18:00:00	9.0	7-Jul-09	12:00:00	14.5	17-Aug-09	06:00:00	17.2	27-Sep-09	00:00:00	8.9
27-May-09	19:00:00	9.0	7-Jul-09	13:00:00	14.8	17-Aug-09	07:00:00	16.9	27-Sep-09	01:00:00	8.6
27-May-09	20:00:00	9.0	7-Jul-09	14:00:00	14.9	17-Aug-09	08:00:00	16.8	27-Sep-09	02:00:00	8.3
27-May-09	21:00:00	9.2	7-Jul-09	15:00:00	15.2	17-Aug-09	09:00:00	16.6	27-Sep-09	03:00:00	8.0
27-May-09	22:00:00	9.0	7-Jul-09	16:00:00	15.7	17-Aug-09	10:00:00	16.8	27-Sep-09	04:00:00	7.7
27-May-09	23:00:00	8.9	7-Jul-09	17:00:00	16.0	17-Aug-09	11:00:00	17.1	27-Sep-09	05:00:00	7.4
28-May-09	00:00:00	8.7	7-Jul-09	18:00:00	16.3	17-Aug-09	12:00:00	17.5	27-Sep-09	06:00:00	7.3
28-May-09	01:00:00	8.4	7-Jul-09	19:00:00	16.3	17-Aug-09	13:00:00	18.1	27-Sep-09	07:00:00	7.0
28-May-09	02:00:00	8.3	7-Jul-09	20:00:00	16.3	17-Aug-09	14:00:00	18.8	27-Sep-09	08:00:00	6.7
28-May-09	03:00:00	8.1	7-Jul-09	21:00:00	16.2	17-Aug-09	15:00:00	19.2	27-Sep-09	09:00:00	6.5
28-May-09	04:00:00	8.0	7-Jul-09	22:00:00	16.0	17-Aug-09	16:00:00	19.9	27-Sep-09	10:00:00	6.4
28-May-09	05:00:00	7.8	7-Jul-09	23:00:00	15.7	17-Aug-09	17:00:00	20.3	27-Sep-09	11:00:00	6.4
28-May-09	06:00:00	7.7	8-Jul-09	00:00:00	15.7	17-Aug-09	18:00:00	20.3	27-Sep-09	12:00:00	6.8
28-May-09	07:00:00	7.5	8-Jul-09	01:00:00	15.4	17-Aug-09	19:00:00	20.3	27-Sep-09	13:00:00	7.3
28-May-09	08:00:00	7.4	8-Jul-09	02:00:00	15.2	17-Aug-09	20:00:00	20.0	27-Sep-09	14:00:00	8.0
28-May-09	09:00:00	7.5	8-Jul-09	03:00:00	14.9	17-Aug-09	21:00:00	19.7	27-Sep-09	15:00:00	8.7
28-May-09	10:00:00	7.7	8-Jul-09	04:00:00	14.6	17-Aug-09	22:00:00	19.4	27-Sep-09	16:00:00	9.5
28-May-09	11:00:00	8.1	8-Jul-09	05:00:00	14.5	17-Aug-09	23:00:00	19.1	27-Sep-09	17:00:00	9.8
28-May-09	12:00:00	8.7	8-Jul-09	06:00:00	14.0	18-Aug-09	00:00:00	18.9	27-Sep-09	18:00:00	9.9
28-May-09	13:00:00	9.3	8-Jul-09	07:00:00	13.9	18-Aug-09	01:00:00	18.6	27-Sep-09	19:00:00	9.6
28-May-09	14:00:00	9.9	8-Jul-09	08:00:00	13.6	18-Aug-09	02:00:00	18.3	27-Sep-09	20:00:00	9.5
28-May-09	15:00:00	10.6	8-Jul-09	09:00:00	13.8	18-Aug-09	03:00:00	18.0	27-Sep-09	21:00:00	9.2
28-May-09	16:00:00	11.2	8-Jul-09	10:00:00	13.9	18-Aug-09	04:00:00	17.7	27-Sep-09	22:00:00	9.0
28-May-09	17:00:00	11.8	8-Jul-09	11:00:00	14.3	18-Aug-09	05:00:00	17.4	27-Sep-09	23:00:00	8.9

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
28-May-09	18:00:00	12.1	8-Jul-09	12:00:00	14.9	18-Aug-09	06:00:00	17.2	28-Sep-09	00:00:00	8.7
28-May-09	19:00:00	12.1	8-Jul-09	13:00:00	15.7	18-Aug-09	07:00:00	16.9	28-Sep-09	01:00:00	8.6
28-May-09	20:00:00	12.1	8-Jul-09	14:00:00	16.2	18-Aug-09	08:00:00	16.8	28-Sep-09	02:00:00	8.4
28-May-09	21:00:00	11.8	8-Jul-09	15:00:00	16.8	18-Aug-09	09:00:00	16.8	28-Sep-09	03:00:00	8.1
28-May-09	22:00:00	11.5	8-Jul-09	16:00:00	17.4	18-Aug-09	10:00:00	16.9	28-Sep-09	04:00:00	8.1
28-May-09	23:00:00	11.4	8-Jul-09	17:00:00	17.5	18-Aug-09	11:00:00	17.4	28-Sep-09	05:00:00	8.0
29-May-09	00:00:00	10.9	8-Jul-09	18:00:00	17.8	18-Aug-09	12:00:00	17.8	28-Sep-09	06:00:00	8.0
29-May-09	01:00:00	10.6	8-Jul-09	19:00:00	17.8	18-Aug-09	13:00:00	18.3	28-Sep-09	07:00:00	7.8
29-May-09	02:00:00	10.3	8-Jul-09	20:00:00	17.7	18-Aug-09	14:00:00	19.2	28-Sep-09	08:00:00	7.8
29-May-09	03:00:00	10.1	8-Jul-09	21:00:00	17.4	18-Aug-09	15:00:00	19.9	28-Sep-09	09:00:00	7.8
29-May-09	04:00:00	9.8	8-Jul-09	22:00:00	17.1	18-Aug-09	16:00:00	20.5	28-Sep-09	10:00:00	7.8
29-May-09	05:00:00	9.5	8-Jul-09	23:00:00	16.6	18-Aug-09	17:00:00	20.8	28-Sep-09	11:00:00	8.0
29-May-09	06:00:00	9.3	9-Jul-09	00:00:00	16.3	18-Aug-09	18:00:00	20.6	28-Sep-09	12:00:00	8.0
29-May-09	07:00:00	9.2	9-Jul-09	01:00:00	15.9	18-Aug-09	19:00:00	20.5	28-Sep-09	13:00:00	8.3
29-May-09	08:00:00	9.0	9-Jul-09	02:00:00	15.5	18-Aug-09	20:00:00	20.3	28-Sep-09	14:00:00	8.7
29-May-09	09:00:00	9.0	9-Jul-09	03:00:00	15.1	18-Aug-09	21:00:00	20.0	28-Sep-09	15:00:00	9.2
29-May-09	10:00:00	9.2	9-Jul-09	04:00:00	14.8	18-Aug-09	22:00:00	19.5	28-Sep-09	16:00:00	9.3
29-May-09	11:00:00	9.6	9-Jul-09	05:00:00	14.5	18-Aug-09	23:00:00	19.4	28-Sep-09	17:00:00	9.5
29-May-09	12:00:00	10.1	9-Jul-09	06:00:00	14.3	19-Aug-09	00:00:00	19.1	28-Sep-09	18:00:00	9.6
29-May-09	13:00:00	10.5	9-Jul-09	07:00:00	14.0	19-Aug-09	01:00:00	18.8	28-Sep-09	19:00:00	9.8
29-May-09	14:00:00	10.8	9-Jul-09	08:00:00	13.9	19-Aug-09	02:00:00	18.4	28-Sep-09	20:00:00	9.6
29-May-09	15:00:00	11.4	9-Jul-09	09:00:00	13.9	19-Aug-09	03:00:00	18.1	28-Sep-09	21:00:00	9.5
29-May-09	16:00:00	12.0	9-Jul-09	10:00:00	13.9	19-Aug-09	04:00:00	17.7	28-Sep-09	22:00:00	9.2
29-May-09	17:00:00	12.1	9-Jul-09	11:00:00	13.9	19-Aug-09	05:00:00	17.4	28-Sep-09	23:00:00	9.2
29-May-09	18:00:00	12.1	9-Jul-09	12:00:00	13.9	19-Aug-09	06:00:00	16.9	29-Sep-09	00:00:00	9.0
29-May-09	19:00:00	12.3	9-Jul-09	13:00:00	14.0	19-Aug-09	07:00:00	16.5	29-Sep-09	01:00:00	8.9
29-May-09	20:00:00	12.3	9-Jul-09	14:00:00	14.0	19-Aug-09	08:00:00	16.2	29-Sep-09	02:00:00	8.7
29-May-09	21:00:00	12.3	9-Jul-09	15:00:00	14.5	19-Aug-09	09:00:00	16.0	29-Sep-09	03:00:00	8.4
29-May-09	22:00:00	12.1	9-Jul-09	16:00:00	14.6	19-Aug-09	10:00:00	16.0	29-Sep-09	04:00:00	8.3
29-May-09	23:00:00	12.0	9-Jul-09	17:00:00	14.9	19-Aug-09	11:00:00	16.3	29-Sep-09	05:00:00	8.0
30-May-09	00:00:00	11.7	9-Jul-09	18:00:00	15.2	19-Aug-09	12:00:00	16.8	29-Sep-09	06:00:00	7.8
30-May-09	01:00:00	11.4	9-Jul-09	19:00:00	15.5	19-Aug-09	13:00:00	17.5	29-Sep-09	07:00:00	7.7
30-May-09	02:00:00	10.9	9-Jul-09	20:00:00	15.5	19-Aug-09	14:00:00	18.3	29-Sep-09	08:00:00	7.7
30-May-09	03:00:00	10.6	9-Jul-09	21:00:00	15.7	19-Aug-09	15:00:00	19.2	29-Sep-09	09:00:00	7.5
30-May-09	04:00:00	10.2	9-Jul-09	22:00:00	15.5	19-Aug-09	16:00:00	20.0	29-Sep-09	10:00:00	7.5
30-May-09	05:00:00	9.9	9-Jul-09	23:00:00	15.7	19-Aug-09	17:00:00	20.3	29-Sep-09	11:00:00	7.5
30-May-09	06:00:00	9.6	10-Jul-09	00:00:00	15.5	19-Aug-09	18:00:00	20.6	29-Sep-09	12:00:00	7.5
30-May-09	07:00:00	9.5	10-Jul-09	01:00:00	15.4	19-Aug-09	19:00:00	20.6	29-Sep-09	13:00:00	7.5
30-May-09	08:00:00	9.2	10-Jul-09	02:00:00	15.2	19-Aug-09	20:00:00	20.5	29-Sep-09	14:00:00	7.5
30-May-09	09:00:00	9.2	10-Jul-09	03:00:00	15.1	19-Aug-09	21:00:00	20.2	29-Sep-09	15:00:00	7.7
30-May-09	10:00:00	9.3	10-Jul-09	04:00:00	14.9	19-Aug-09	22:00:00	19.9	29-Sep-09	16:00:00	7.7
30-May-09	11:00:00	9.6	10-Jul-09	05:00:00	14.9	19-Aug-09	23:00:00	19.5	29-Sep-09	17:00:00	7.7
30-May-09	12:00:00	10.1	10-Jul-09	06:00:00	14.8	20-Aug-09	00:00:00	19.2	29-Sep-09	18:00:00	7.5
30-May-09	13:00:00	10.5	10-Jul-09	07:00:00	14.6	20-Aug-09	01:00:00	18.9	29-Sep-09	19:00:00	7.5
30-May-09	14:00:00	11.1	10-Jul-09	08:00:00	14.5	20-Aug-09	02:00:00	18.8	29-Sep-09	20:00:00	7.4
30-May-09	15:00:00	11.5	10-Jul-09	09:00:00	14.3	20-Aug-09	03:00:00	18.4	29-Sep-09	21:00:00	7.3
30-May-09	16:00:00	11.8	10-Jul-09	10:00:00	14.3	20-Aug-09	04:00:00	18.0	29-Sep-09	22:00:00	7.3
30-May-09	17:00:00	12.1	10-Jul-09	11:00:00	14.5	20-Aug-09	05:00:00	17.5	29-Sep-09	23:00:00	7.1
30-May-09	18:00:00	12.4	10-Jul-09	12:00:00	14.8	20-Aug-09	06:00:00	17.2	30-Sep-09	00:00:00	7.0
30-May-09	19:00:00	12.6	10-Jul-09	13:00:00	15.1	20-Aug-09	07:00:00	16.9	30-Sep-09	01:00:00	6.8
30-May-09	20:00:00	12.4	10-Jul-09	14:00:00	15.4	20-Aug-09	08:00:00	16.6	30-Sep-09	02:00:00	6.8
30-May-09	21:00:00	12.1	10-Jul-09	15:00:00	15.5	20-Aug-09	09:00:00	16.5	30-Sep-09	03:00:00	6.7
30-May-09	22:00:00	12.0	10-Jul-09	16:00:00	16.0	20-Aug-09	10:00:00	16.5	30-Sep-09	04:00:00	6.7
30-May-09	23:00:00	11.5	10-Jul-09	17:00:00	16.5	20-Aug-09	11:00:00	16.8	30-Sep-09	05:00:00	6.5
31-May-09	00:00:00	11.4	10-Jul-09	18:00:00	16.2	20-Aug-09	12:00:00	17.1	30-Sep-09	06:00:00	6.5
31-May-09	01:00:00	10.9	10-Jul-09	19:00:00	16.2	20-Aug-09	13:00:00	17.5	30-Sep-09	07:00:00	6.4
31-May-09	02:00:00	10.6	10-Jul-09	20:00:00	16.3	20-Aug-09	14:00:00	18.1	30-Sep-09	08:00:00	6.4
31-May-09	03:00:00	10.3	10-Jul-09	21:00:00	16.3	20-Aug-09	15:00:00	18.8	30-Sep-09	09:00:00	6.2
31-May-09	04:00:00	10.1	10-Jul-09	22:00:00	16.2	20-Aug-09	16:00:00	19.4	30-Sep-09	10:00:00	6.1

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
31-May-09	05:00:00	9.8	10-Jul-09	23:00:00	16.0	20-Aug-09	17:00:00	19.9	30-Sep-09	11:00:00	6.2
31-May-09	06:00:00	9.6	11-Jul-09	00:00:00	15.7	20-Aug-09	18:00:00	20.2	30-Sep-09	12:00:00	6.5
31-May-09	07:00:00	9.3	11-Jul-09	01:00:00	15.5	20-Aug-09	19:00:00	20.0	30-Sep-09	13:00:00	7.1
31-May-09	08:00:00	9.2	11-Jul-09	02:00:00	15.2	20-Aug-09	20:00:00	19.9	30-Sep-09	14:00:00	7.7
31-May-09	09:00:00	9.2	11-Jul-09	03:00:00	15.1	20-Aug-09	21:00:00	19.7	30-Sep-09	15:00:00	8.4
31-May-09	10:00:00	9.0	11-Jul-09	04:00:00	14.8	20-Aug-09	22:00:00	19.5	30-Sep-09	16:00:00	8.4
31-May-09	11:00:00	9.3	11-Jul-09	05:00:00	14.5	20-Aug-09	23:00:00	19.2	30-Sep-09	17:00:00	8.6
31-May-09	12:00:00	9.6	11-Jul-09	06:00:00	14.5	21-Aug-09	00:00:00	19.1	30-Sep-09	18:00:00	8.6
31-May-09	13:00:00	10.2	11-Jul-09	07:00:00	14.3	21-Aug-09	01:00:00	18.9	30-Sep-09	19:00:00	8.6
31-May-09	14:00:00	10.3	11-Jul-09	08:00:00	14.3	21-Aug-09	02:00:00	18.8	30-Sep-09	20:00:00	8.4
31-May-09	15:00:00	11.1	11-Jul-09	09:00:00	14.5	21-Aug-09	03:00:00	18.6	30-Sep-09	21:00:00	8.1
31-May-09	16:00:00	11.4	11-Jul-09	10:00:00	14.6	21-Aug-09	04:00:00	18.3	30-Sep-09	22:00:00	7.8
31-May-09	17:00:00	11.5	11-Jul-09	11:00:00	14.9	21-Aug-09	05:00:00	18.1	30-Sep-09	23:00:00	7.5
31-May-09	18:00:00	11.7	11-Jul-09	12:00:00	15.2	21-Aug-09	06:00:00	17.8	1-Oct-09	00:00:00	7.3
31-May-09	19:00:00	11.7	11-Jul-09	13:00:00	15.9	21-Aug-09	07:00:00	17.7	1-Oct-09	01:00:00	6.8
31-May-09	20:00:00	11.8	11-Jul-09	14:00:00	16.3	21-Aug-09	08:00:00	17.5	1-Oct-09	02:00:00	6.7
31-May-09	21:00:00	11.8	11-Jul-09	15:00:00	16.8	21-Aug-09	09:00:00	17.4	1-Oct-09	03:00:00	6.4
31-May-09	22:00:00	11.7	11-Jul-09	16:00:00	17.2	21-Aug-09	10:00:00	17.5	1-Oct-09	04:00:00	6.1
31-May-09	23:00:00	11.2	11-Jul-09	17:00:00	17.7	21-Aug-09	11:00:00	17.8	1-Oct-09	05:00:00	5.9
1-Jun-09	00:00:00	10.9	11-Jul-09	18:00:00	18.1	21-Aug-09	12:00:00	18.3	1-Oct-09	06:00:00	5.6
1-Jun-09	01:00:00	10.5	11-Jul-09	19:00:00	18.4	21-Aug-09	13:00:00	19.1	1-Oct-09	07:00:00	5.5
1-Jun-09	02:00:00	10.2	11-Jul-09	20:00:00	18.4	21-Aug-09	14:00:00	19.5	1-Oct-09	08:00:00	5.2
1-Jun-09	03:00:00	9.9	11-Jul-09	21:00:00	18.3	21-Aug-09	15:00:00	19.7	1-Oct-09	09:00:00	5.0
1-Jun-09	04:00:00	9.8	11-Jul-09	22:00:00	18.3	21-Aug-09	16:00:00	20.3	1-Oct-09	10:00:00	5.0
1-Jun-09	05:00:00	9.6	11-Jul-09	23:00:00	18.1	21-Aug-09	17:00:00	20.8	1-Oct-09	11:00:00	5.0
1-Jun-09	06:00:00	9.5	12-Jul-09	00:00:00	17.8	21-Aug-09	18:00:00	21.0	1-Oct-09	12:00:00	5.3
1-Jun-09	07:00:00	9.3	12-Jul-09	01:00:00	17.5	21-Aug-09	19:00:00	20.6	1-Oct-09	13:00:00	5.8
1-Jun-09	08:00:00	9.3	12-Jul-09	02:00:00	17.1	21-Aug-09	20:00:00	20.5	1-Oct-09	14:00:00	6.5
1-Jun-09	09:00:00	9.2	12-Jul-09	03:00:00	16.8	21-Aug-09	21:00:00	20.2	1-Oct-09	15:00:00	7.3
1-Jun-09	10:00:00	9.3	12-Jul-09	04:00:00	16.5	21-Aug-09	22:00:00	19.9	1-Oct-09	16:00:00	7.7
1-Jun-09	11:00:00	9.6	12-Jul-09	05:00:00	16.2	21-Aug-09	23:00:00	19.7	1-Oct-09	17:00:00	8.1
1-Jun-09	12:00:00	10.1	12-Jul-09	06:00:00	15.9	22-Aug-09	00:00:00	19.4	1-Oct-09	18:00:00	8.4
1-Jun-09	13:00:00	10.3	12-Jul-09	07:00:00	15.7	22-Aug-09	01:00:00	18.9	1-Oct-09	19:00:00	8.3
1-Jun-09	14:00:00	10.8	12-Jul-09	08:00:00	15.5	22-Aug-09	02:00:00	18.8	1-Oct-09	20:00:00	7.8
1-Jun-09	15:00:00	10.9	12-Jul-09	09:00:00	15.4	22-Aug-09	03:00:00	18.3	1-Oct-09	21:00:00	7.5
1-Jun-09	16:00:00	11.4	12-Jul-09	10:00:00	15.5	22-Aug-09	04:00:00	18.0	1-Oct-09	22:00:00	7.3
1-Jun-09	17:00:00	11.5	12-Jul-09	11:00:00	15.9	22-Aug-09	05:00:00	17.5	1-Oct-09	23:00:00	7.0
1-Jun-09	18:00:00	12.0	12-Jul-09	12:00:00	16.3	22-Aug-09	06:00:00	16.9	2-Oct-09	00:00:00	6.7
1-Jun-09	19:00:00	12.3	12-Jul-09	13:00:00	16.8	22-Aug-09	07:00:00	16.6	2-Oct-09	01:00:00	6.4
1-Jun-09	20:00:00	12.4	12-Jul-09	14:00:00	17.4	22-Aug-09	08:00:00	16.2	2-Oct-09	02:00:00	6.2
1-Jun-09	21:00:00	12.1	12-Jul-09	15:00:00	18.0	22-Aug-09	09:00:00	16.0	2-Oct-09	03:00:00	5.9
1-Jun-09	22:00:00	11.8	12-Jul-09	16:00:00	18.6	22-Aug-09	10:00:00	15.9	2-Oct-09	04:00:00	5.6
1-Jun-09	23:00:00	11.7	12-Jul-09	17:00:00	18.8	22-Aug-09	11:00:00	16.0	2-Oct-09	05:00:00	5.5
2-Jun-09	00:00:00	11.5	12-Jul-09	18:00:00	18.1	22-Aug-09	12:00:00	16.3	2-Oct-09	06:00:00	5.3
2-Jun-09	01:00:00	10.9	12-Jul-09	19:00:00	17.7	22-Aug-09	13:00:00	16.9	2-Oct-09	07:00:00	5.2
2-Jun-09	02:00:00	10.5	12-Jul-09	20:00:00	17.7	22-Aug-09	14:00:00	17.4	2-Oct-09	08:00:00	5.0
2-Jun-09	03:00:00	10.2	12-Jul-09	21:00:00	17.8	22-Aug-09	15:00:00	17.4	2-Oct-09	09:00:00	5.0
2-Jun-09	04:00:00	9.8	12-Jul-09	22:00:00	17.8	22-Aug-09	16:00:00	17.8	2-Oct-09	10:00:00	4.9
2-Jun-09	05:00:00	9.5	12-Jul-09	23:00:00	17.5	22-Aug-09	17:00:00	18.4	2-Oct-09	11:00:00	5.2
2-Jun-09	06:00:00	9.2	13-Jul-09	00:00:00	17.4	22-Aug-09	18:00:00	18.8	2-Oct-09	12:00:00	5.2
2-Jun-09	07:00:00	8.9	13-Jul-09	01:00:00	16.9	22-Aug-09	19:00:00	18.9	2-Oct-09	13:00:00	5.8
2-Jun-09	08:00:00	8.7	13-Jul-09	02:00:00	16.5	22-Aug-09	20:00:00	18.3	2-Oct-09	14:00:00	6.4
2-Jun-09	09:00:00	8.7	13-Jul-09	03:00:00	16.3	22-Aug-09	21:00:00	17.5	2-Oct-09	15:00:00	7.1
2-Jun-09	10:00:00	8.9	13-Jul-09	04:00:00	16.2	22-Aug-09	22:00:00	17.1	2-Oct-09	16:00:00	7.5
2-Jun-09	11:00:00	9.3	13-Jul-09	05:00:00	16.2	22-Aug-09	23:00:00	16.8	2-Oct-09	17:00:00	7.5
2-Jun-09	12:00:00	9.9	13-Jul-09	06:00:00	16.0	23-Aug-09	00:00:00	16.5	2-Oct-09	18:00:00	7.5
2-Jun-09	13:00:00	10.6	13-Jul-09	07:00:00	15.9	23-Aug-09	01:00:00	16.3	2-Oct-09	19:00:00	7.5
2-Jun-09	14:00:00	11.2	13-Jul-09	08:00:00	15.9	23-Aug-09	02:00:00	16.2	2-Oct-09	20:00:00	7.4
2-Jun-09	15:00:00	12.0	13-Jul-09	09:00:00	15.7	23-Aug-09	03:00:00	15.9	2-Oct-09	21:00:00	7.4

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
2-Jun-09	16:00:00	12.4	13-Jul-09	10:00:00	15.7	23-Aug-09	04:00:00	15.5	2-Oct-09	22:00:00	7.3
2-Jun-09	17:00:00	12.9	13-Jul-09	11:00:00	15.7	23-Aug-09	05:00:00	15.2	2-Oct-09	23:00:00	7.1
2-Jun-09	18:00:00	13.3	13-Jul-09	12:00:00	15.7	23-Aug-09	06:00:00	14.9	3-Oct-09	00:00:00	7.1
2-Jun-09	19:00:00	13.5	13-Jul-09	13:00:00	15.7	23-Aug-09	07:00:00	14.6	3-Oct-09	01:00:00	7.0
2-Jun-09	20:00:00	13.5	13-Jul-09	14:00:00	15.7	23-Aug-09	08:00:00	14.5	3-Oct-09	02:00:00	7.0
2-Jun-09	21:00:00	13.3	13-Jul-09	15:00:00	15.9	23-Aug-09	09:00:00	14.2	3-Oct-09	03:00:00	6.7
2-Jun-09	22:00:00	13.2	13-Jul-09	16:00:00	15.9	23-Aug-09	10:00:00	14.3	3-Oct-09	04:00:00	6.7
2-Jun-09	23:00:00	12.9	13-Jul-09	17:00:00	16.0	23-Aug-09	11:00:00	14.6	3-Oct-09	05:00:00	6.5
3-Jun-09	00:00:00	12.6	13-Jul-09	18:00:00	16.0	23-Aug-09	12:00:00	15.1	3-Oct-09	06:00:00	6.4
3-Jun-09	01:00:00	12.1	13-Jul-09	19:00:00	16.0	23-Aug-09	13:00:00	15.7	3-Oct-09	07:00:00	6.4
3-Jun-09	02:00:00	11.8	13-Jul-09	20:00:00	16.0	23-Aug-09	14:00:00	16.3	3-Oct-09	08:00:00	6.2
3-Jun-09	03:00:00	11.4	13-Jul-09	21:00:00	15.9	23-Aug-09	15:00:00	16.9	3-Oct-09	09:00:00	6.2
3-Jun-09	04:00:00	10.9	13-Jul-09	22:00:00	15.9	23-Aug-09	16:00:00	17.4	3-Oct-09	10:00:00	6.2
3-Jun-09	05:00:00	10.6	13-Jul-09	23:00:00	15.7	23-Aug-09	17:00:00	17.8	3-Oct-09	11:00:00	6.4
3-Jun-09	06:00:00	10.2	14-Jul-09	00:00:00	15.5	23-Aug-09	18:00:00	18.0	3-Oct-09	12:00:00	6.4
3-Jun-09	07:00:00	9.9	14-Jul-09	01:00:00	15.4	23-Aug-09	19:00:00	17.7	3-Oct-09	13:00:00	6.7
3-Jun-09	08:00:00	9.8	14-Jul-09	02:00:00	15.1	23-Aug-09	20:00:00	17.4	3-Oct-09	14:00:00	6.8
3-Jun-09	09:00:00	9.6	14-Jul-09	03:00:00	14.9	23-Aug-09	21:00:00	16.9	3-Oct-09	15:00:00	7.1
3-Jun-09	10:00:00	9.8	14-Jul-09	04:00:00	14.8	23-Aug-09	22:00:00	16.5	3-Oct-09	16:00:00	7.4
3-Jun-09	11:00:00	10.2	14-Jul-09	05:00:00	14.5	23-Aug-09	23:00:00	16.2	3-Oct-09	17:00:00	7.5
3-Jun-09	12:00:00	10.8	14-Jul-09	06:00:00	14.3	24-Aug-09	00:00:00	15.9	3-Oct-09	18:00:00	7.4
3-Jun-09	13:00:00	11.4	14-Jul-09	07:00:00	14.2	24-Aug-09	01:00:00	15.5	3-Oct-09	19:00:00	7.4
3-Jun-09	14:00:00	12.1	14-Jul-09	08:00:00	14.0	24-Aug-09	02:00:00	15.2	3-Oct-09	20:00:00	7.3
3-Jun-09	15:00:00	12.9	14-Jul-09	09:00:00	14.0	24-Aug-09	03:00:00	14.8	3-Oct-09	21:00:00	7.3
3-Jun-09	16:00:00	13.6	14-Jul-09	10:00:00	14.2	24-Aug-09	04:00:00	14.5	3-Oct-09	22:00:00	7.1
3-Jun-09	17:00:00	14.2	14-Jul-09	11:00:00	14.5	24-Aug-09	05:00:00	14.2	3-Oct-09	23:00:00	7.1
3-Jun-09	18:00:00	14.8	14-Jul-09	12:00:00	14.8	24-Aug-09	06:00:00	13.8	4-Oct-09	00:00:00	7.0
3-Jun-09	19:00:00	15.1	14-Jul-09	13:00:00	15.2	24-Aug-09	07:00:00	13.5	4-Oct-09	01:00:00	6.8
3-Jun-09	20:00:00	15.1	14-Jul-09	14:00:00	15.5	24-Aug-09	08:00:00	13.2	4-Oct-09	02:00:00	6.8
3-Jun-09	21:00:00	15.1	14-Jul-09	15:00:00	16.0	24-Aug-09	09:00:00	13.0	4-Oct-09	03:00:00	6.7
3-Jun-09	22:00:00	15.1	14-Jul-09	16:00:00	16.3	24-Aug-09	10:00:00	13.0	4-Oct-09	04:00:00	6.7
3-Jun-09	23:00:00	14.8	14-Jul-09	17:00:00	16.9	24-Aug-09	11:00:00	13.3	4-Oct-09	05:00:00	6.4
4-Jun-09	00:00:00	14.6	14-Jul-09	18:00:00	17.2	24-Aug-09	12:00:00	13.9	4-Oct-09	06:00:00	6.1
4-Jun-09	01:00:00	14.2	14-Jul-09	19:00:00	17.4	24-Aug-09	13:00:00	14.5	4-Oct-09	07:00:00	5.9
4-Jun-09	02:00:00	13.9	14-Jul-09	20:00:00	17.2	24-Aug-09	14:00:00	15.4	4-Oct-09	08:00:00	5.6
4-Jun-09	03:00:00	13.6	14-Jul-09	21:00:00	16.9	24-Aug-09	15:00:00	16.3	4-Oct-09	09:00:00	5.5
4-Jun-09	04:00:00	13.3	14-Jul-09	22:00:00	16.6	24-Aug-09	16:00:00	16.9	4-Oct-09	10:00:00	5.5
4-Jun-09	05:00:00	13.0	14-Jul-09	23:00:00	16.3	24-Aug-09	17:00:00	17.2	4-Oct-09	11:00:00	5.6
4-Jun-09	06:00:00	12.7	15-Jul-09	00:00:00	15.9	24-Aug-09	18:00:00	17.4	4-Oct-09	12:00:00	5.9
4-Jun-09	07:00:00	12.3	15-Jul-09	01:00:00	15.4	24-Aug-09	19:00:00	17.4	4-Oct-09	13:00:00	6.2
4-Jun-09	08:00:00	12.1	15-Jul-09	02:00:00	14.9	24-Aug-09	20:00:00	17.1	4-Oct-09	14:00:00	6.8
4-Jun-09	09:00:00	11.8	15-Jul-09	03:00:00	14.6	24-Aug-09	21:00:00	16.9	4-Oct-09	15:00:00	7.3
4-Jun-09	10:00:00	11.8	15-Jul-09	04:00:00	14.5	24-Aug-09	22:00:00	16.6	4-Oct-09	16:00:00	7.5
4-Jun-09	11:00:00	11.8	15-Jul-09	05:00:00	14.2	24-Aug-09	23:00:00	16.5	4-Oct-09	17:00:00	7.8
4-Jun-09	12:00:00	11.8	15-Jul-09	06:00:00	13.9	25-Aug-09	00:00:00	16.3	4-Oct-09	18:00:00	8.0
4-Jun-09	13:00:00	12.0	15-Jul-09	07:00:00	13.8	25-Aug-09	01:00:00	16.2	4-Oct-09	19:00:00	7.8
4-Jun-09	14:00:00	12.1	15-Jul-09	08:00:00	13.6	25-Aug-09	02:00:00	16.2	4-Oct-09	20:00:00	7.4
4-Jun-09	15:00:00	12.4	15-Jul-09	09:00:00	13.6	25-Aug-09	03:00:00	16.0	4-Oct-09	21:00:00	7.1
4-Jun-09	16:00:00	12.9	15-Jul-09	10:00:00	13.9	25-Aug-09	04:00:00	15.9	4-Oct-09	22:00:00	6.7
4-Jun-09	17:00:00	13.2	15-Jul-09	11:00:00	14.3	25-Aug-09	05:00:00	15.7	4-Oct-09	23:00:00	6.4
4-Jun-09	18:00:00	13.5	15-Jul-09	12:00:00	14.9	25-Aug-09	06:00:00	15.5	5-Oct-09	00:00:00	5.9
4-Jun-09	19:00:00	13.5	15-Jul-09	13:00:00	15.5	25-Aug-09	07:00:00	15.2	5-Oct-09	01:00:00	5.6
4-Jun-09	20:00:00	13.5	15-Jul-09	14:00:00	16.3	25-Aug-09	08:00:00	15.1	5-Oct-09	02:00:00	5.5
4-Jun-09	21:00:00	13.5	15-Jul-09	15:00:00	17.1	25-Aug-09	09:00:00	14.9	5-Oct-09	03:00:00	5.2
4-Jun-09	22:00:00	13.3	15-Jul-09	16:00:00	17.7	25-Aug-09	10:00:00	14.9	5-Oct-09	04:00:00	5.0
4-Jun-09	23:00:00	13.3	15-Jul-09	17:00:00	18.3	25-Aug-09	11:00:00	14.9	5-Oct-09	05:00:00	4.9
5-Jun-09	00:00:00	13.2	15-Jul-09	18:00:00	18.6	25-Aug-09	12:00:00	15.1	5-Oct-09	06:00:00	4.9
5-Jun-09	01:00:00	13.0	15-Jul-09	19:00:00	18.8	25-Aug-09	13:00:00	15.2	5-Oct-09	07:00:00	4.7
5-Jun-09	02:00:00	12.7	15-Jul-09	20:00:00	18.8	25-Aug-09	14:00:00	15.4	5-Oct-09	08:00:00	4.7

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
5-Jun-09	03:00:00	12.6	15-Jul-09	21:00:00	18.6	25-Aug-09	15:00:00	15.7	5-Oct-09	09:00:00	4.7
5-Jun-09	04:00:00	12.4	15-Jul-09	22:00:00	18.6	25-Aug-09	16:00:00	16.3	5-Oct-09	10:00:00	4.7
5-Jun-09	05:00:00	12.3	15-Jul-09	23:00:00	18.3	25-Aug-09	17:00:00	16.9	5-Oct-09	11:00:00	4.7
5-Jun-09	06:00:00	12.0	16-Jul-09	00:00:00	18.1	25-Aug-09	18:00:00	17.2	5-Oct-09	12:00:00	4.9
5-Jun-09	07:00:00	11.7	16-Jul-09	01:00:00	17.8	25-Aug-09	19:00:00	17.2	5-Oct-09	13:00:00	5.2
5-Jun-09	08:00:00	11.5	16-Jul-09	02:00:00	17.5	25-Aug-09	20:00:00	16.9	5-Oct-09	14:00:00	5.6
5-Jun-09	09:00:00	11.2	16-Jul-09	03:00:00	17.4	25-Aug-09	21:00:00	16.5	5-Oct-09	15:00:00	6.2
5-Jun-09	10:00:00	11.1	16-Jul-09	04:00:00	17.1	25-Aug-09	22:00:00	16.2	5-Oct-09	16:00:00	6.8
5-Jun-09	11:00:00	11.1	16-Jul-09	05:00:00	16.9	25-Aug-09	23:00:00	15.7	5-Oct-09	17:00:00	7.1
5-Jun-09	12:00:00	11.4	16-Jul-09	06:00:00	16.6	26-Aug-09	00:00:00	15.5	5-Oct-09	18:00:00	7.3
5-Jun-09	13:00:00	11.7	16-Jul-09	07:00:00	16.3	26-Aug-09	01:00:00	15.1	5-Oct-09	19:00:00	7.1
5-Jun-09	14:00:00	12.3	16-Jul-09	08:00:00	16.2	26-Aug-09	02:00:00	14.9	5-Oct-09	20:00:00	7.1
5-Jun-09	15:00:00	12.6	16-Jul-09	09:00:00	16.0	26-Aug-09	03:00:00	14.6	5-Oct-09	21:00:00	7.1
5-Jun-09	16:00:00	13.0	16-Jul-09	10:00:00	16.2	26-Aug-09	04:00:00	14.3	5-Oct-09	22:00:00	7.1
5-Jun-09	17:00:00	13.6	16-Jul-09	11:00:00	16.5	26-Aug-09	05:00:00	13.9	5-Oct-09	23:00:00	7.1
5-Jun-09	18:00:00	13.6	16-Jul-09	12:00:00	16.9	26-Aug-09	06:00:00	13.5	6-Oct-09	00:00:00	7.1
5-Jun-09	19:00:00	13.8	16-Jul-09	13:00:00	17.5	26-Aug-09	07:00:00	13.2	6-Oct-09	01:00:00	7.1
5-Jun-09	20:00:00	13.9	16-Jul-09	14:00:00	18.1	26-Aug-09	08:00:00	12.9	6-Oct-09	02:00:00	7.1
5-Jun-09	21:00:00	13.9	16-Jul-09	15:00:00	18.8	26-Aug-09	09:00:00	12.7	6-Oct-09	03:00:00	7.1
5-Jun-09	22:00:00	13.6	16-Jul-09	16:00:00	19.1	26-Aug-09	10:00:00	12.9	6-Oct-09	04:00:00	7.1
5-Jun-09	23:00:00	13.5	16-Jul-09	17:00:00	19.4	26-Aug-09	11:00:00	13.2	6-Oct-09	05:00:00	7.3
6-Jun-09	00:00:00	13.0	16-Jul-09	18:00:00	19.7	26-Aug-09	12:00:00	13.8	6-Oct-09	06:00:00	7.3
6-Jun-09	01:00:00	12.6	16-Jul-09	19:00:00	20.0	26-Aug-09	13:00:00	14.5	6-Oct-09	07:00:00	7.3
6-Jun-09	02:00:00	12.1	16-Jul-09	20:00:00	19.9	26-Aug-09	14:00:00	15.1	6-Oct-09	08:00:00	7.1
6-Jun-09	03:00:00	11.5	16-Jul-09	21:00:00	19.7	26-Aug-09	15:00:00	15.5	6-Oct-09	09:00:00	7.0
6-Jun-09	04:00:00	11.1	16-Jul-09	22:00:00	19.5	26-Aug-09	16:00:00	15.9	6-Oct-09	10:00:00	7.0
6-Jun-09	05:00:00	10.8	16-Jul-09	23:00:00	19.2	26-Aug-09	17:00:00	16.2	6-Oct-09	11:00:00	7.0
6-Jun-09	06:00:00	10.3	17-Jul-09	00:00:00	18.9	26-Aug-09	18:00:00	16.3	6-Oct-09	12:00:00	7.0
6-Jun-09	07:00:00	9.9	17-Jul-09	01:00:00	18.6	26-Aug-09	19:00:00	16.6	6-Oct-09	13:00:00	7.1
6-Jun-09	08:00:00	9.6	17-Jul-09	02:00:00	18.1	26-Aug-09	20:00:00	16.5	6-Oct-09	14:00:00	7.3
6-Jun-09	09:00:00	9.6	17-Jul-09	03:00:00	17.7	26-Aug-09	21:00:00	16.0	6-Oct-09	15:00:00	7.3
6-Jun-09	10:00:00	9.6	17-Jul-09	04:00:00	17.2	26-Aug-09	22:00:00	15.7	6-Oct-09	16:00:00	7.4
6-Jun-09	11:00:00	9.8	17-Jul-09	05:00:00	16.9	26-Aug-09	23:00:00	15.4	6-Oct-09	17:00:00	7.4
6-Jun-09	12:00:00	10.2	17-Jul-09	06:00:00	16.6	27-Aug-09	00:00:00	14.9	6-Oct-09	18:00:00	7.3
6-Jun-09	13:00:00	10.5	17-Jul-09	07:00:00	16.3	27-Aug-09	01:00:00	14.6	6-Oct-09	19:00:00	7.3
6-Jun-09	14:00:00	11.1	17-Jul-09	08:00:00	16.2	27-Aug-09	02:00:00	14.3	6-Oct-09	20:00:00	7.1
6-Jun-09	15:00:00	11.7	17-Jul-09	09:00:00	16.2	27-Aug-09	03:00:00	14.0	6-Oct-09	21:00:00	6.8
6-Jun-09	16:00:00	12.1	17-Jul-09	10:00:00	16.3	27-Aug-09	04:00:00	13.6	6-Oct-09	22:00:00	6.4
6-Jun-09	17:00:00	12.7	17-Jul-09	11:00:00	16.5	27-Aug-09	05:00:00	13.3	6-Oct-09	23:00:00	6.2
6-Jun-09	18:00:00	13.2	17-Jul-09	12:00:00	17.1	27-Aug-09	06:00:00	12.9	7-Oct-09	00:00:00	5.9
6-Jun-09	19:00:00	13.2	17-Jul-09	13:00:00	17.7	27-Aug-09	07:00:00	12.6	7-Oct-09	01:00:00	5.8
6-Jun-09	20:00:00	13.0	17-Jul-09	14:00:00	18.1	27-Aug-09	08:00:00	12.3	7-Oct-09	02:00:00	5.5
6-Jun-09	21:00:00	12.9	17-Jul-09	15:00:00	18.6	27-Aug-09	09:00:00	12.1	7-Oct-09	03:00:00	5.3
6-Jun-09	22:00:00	12.6	17-Jul-09	16:00:00	19.1	27-Aug-09	10:00:00	12.1	7-Oct-09	04:00:00	5.2
6-Jun-09	23:00:00	12.3	17-Jul-09	17:00:00	19.4	27-Aug-09	11:00:00	12.4	7-Oct-09	05:00:00	5.0
7-Jun-09	00:00:00	11.8	17-Jul-09	18:00:00	19.5	27-Aug-09	12:00:00	13.0	7-Oct-09	06:00:00	4.9
7-Jun-09	01:00:00	11.4	17-Jul-09	19:00:00	19.5	27-Aug-09	13:00:00	13.6	7-Oct-09	07:00:00	4.9
7-Jun-09	02:00:00	10.9	17-Jul-09	20:00:00	19.5	27-Aug-09	14:00:00	14.5	7-Oct-09	08:00:00	4.7
7-Jun-09	03:00:00	10.5	17-Jul-09	21:00:00	19.4	27-Aug-09	15:00:00	15.1	7-Oct-09	09:00:00	4.7
7-Jun-09	04:00:00	10.2	17-Jul-09	22:00:00	19.2	27-Aug-09	16:00:00	15.9	7-Oct-09	10:00:00	4.7
7-Jun-09	05:00:00	9.8	17-Jul-09	23:00:00	18.9	27-Aug-09	17:00:00	16.3	7-Oct-09	11:00:00	4.7
7-Jun-09	06:00:00	9.5	18-Jul-09	00:00:00	18.6	27-Aug-09	18:00:00	16.8	7-Oct-09	12:00:00	4.9
7-Jun-09	07:00:00	9.2	18-Jul-09	01:00:00	18.3	27-Aug-09	19:00:00	16.8	7-Oct-09	13:00:00	5.5
7-Jun-09	08:00:00	8.9	18-Jul-09	02:00:00	18.0	27-Aug-09	20:00:00	16.6	7-Oct-09	14:00:00	5.9
7-Jun-09	09:00:00	8.9	18-Jul-09	03:00:00	17.7	27-Aug-09	21:00:00	16.3	7-Oct-09	15:00:00	6.1
7-Jun-09	10:00:00	9.0	18-Jul-09	04:00:00	17.5	27-Aug-09	22:00:00	16.0	7-Oct-09	16:00:00	6.4
7-Jun-09	11:00:00	9.3	18-Jul-09	05:00:00	17.2	27-Aug-09	23:00:00	15.7	7-Oct-09	17:00:00	6.4
7-Jun-09	12:00:00	9.9	18-Jul-09	06:00:00	16.9	28-Aug-09	00:00:00	15.4	7-Oct-09	18:00:00	6.4
7-Jun-09	13:00:00	10.3	18-Jul-09	07:00:00	16.8	28-Aug-09	01:00:00	15.1	7-Oct-09	19:00:00	6.4

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
7-Jun-09	14:00:00	11.1	18-Jul-09	08:00:00	16.5	28-Aug-09	02:00:00	14.9	7-Oct-09	20:00:00	6.1
7-Jun-09	15:00:00	11.7	18-Jul-09	09:00:00	16.3	28-Aug-09	03:00:00	14.6	7-Oct-09	21:00:00	5.8
7-Jun-09	16:00:00	12.3	18-Jul-09	10:00:00	16.5	28-Aug-09	04:00:00	14.3	7-Oct-09	22:00:00	5.6
7-Jun-09	17:00:00	12.7	18-Jul-09	11:00:00	16.6	28-Aug-09	05:00:00	14.0	7-Oct-09	23:00:00	5.5
7-Jun-09	18:00:00	13.2	18-Jul-09	12:00:00	17.1	28-Aug-09	06:00:00	13.8	8-Oct-09	00:00:00	5.2
7-Jun-09	19:00:00	13.3	18-Jul-09	13:00:00	17.5	28-Aug-09	07:00:00	13.5	8-Oct-09	01:00:00	5.0
7-Jun-09	20:00:00	13.5	18-Jul-09	14:00:00	18.1	28-Aug-09	08:00:00	13.2	8-Oct-09	02:00:00	5.0
7-Jun-09	21:00:00	13.3	18-Jul-09	15:00:00	18.4	28-Aug-09	09:00:00	13.0	8-Oct-09	03:00:00	4.9
7-Jun-09	22:00:00	13.0	18-Jul-09	16:00:00	18.8	28-Aug-09	10:00:00	12.9	8-Oct-09	04:00:00	4.7
7-Jun-09	23:00:00	12.9	18-Jul-09	17:00:00	19.2	28-Aug-09	11:00:00	13.3	8-Oct-09	05:00:00	4.4
8-Jun-09	00:00:00	12.4	18-Jul-09	18:00:00	19.5	28-Aug-09	12:00:00	13.8	8-Oct-09	06:00:00	4.3
8-Jun-09	01:00:00	12.1	18-Jul-09	19:00:00	19.5	28-Aug-09	13:00:00	14.3	8-Oct-09	07:00:00	4.1
8-Jun-09	02:00:00	11.7	18-Jul-09	20:00:00	19.5	28-Aug-09	14:00:00	15.1	8-Oct-09	08:00:00	3.8
8-Jun-09	03:00:00	11.2	18-Jul-09	21:00:00	19.4	28-Aug-09	15:00:00	16.0	8-Oct-09	09:00:00	3.7
8-Jun-09	04:00:00	10.8	18-Jul-09	22:00:00	19.2	28-Aug-09	16:00:00	16.6	8-Oct-09	10:00:00	3.7
8-Jun-09	05:00:00	10.3	18-Jul-09	23:00:00	18.9	28-Aug-09	17:00:00	17.2	8-Oct-09	11:00:00	3.5
8-Jun-09	06:00:00	9.9	19-Jul-09	00:00:00	18.4	28-Aug-09	18:00:00	17.5	8-Oct-09	12:00:00	3.7
8-Jun-09	07:00:00	9.6	19-Jul-09	01:00:00	18.1	28-Aug-09	19:00:00	17.7	8-Oct-09	13:00:00	3.8
8-Jun-09	08:00:00	9.5	19-Jul-09	02:00:00	17.8	28-Aug-09	20:00:00	17.5	8-Oct-09	14:00:00	3.8
8-Jun-09	09:00:00	9.5	19-Jul-09	03:00:00	17.5	28-Aug-09	21:00:00	17.2	8-Oct-09	15:00:00	4.0
8-Jun-09	10:00:00	9.6	19-Jul-09	04:00:00	17.1	28-Aug-09	22:00:00	17.1	8-Oct-09	16:00:00	4.1
8-Jun-09	11:00:00	10.1	19-Jul-09	05:00:00	16.9	28-Aug-09	23:00:00	16.8	8-Oct-09	17:00:00	4.0
8-Jun-09	12:00:00	10.6	19-Jul-09	06:00:00	16.8	29-Aug-09	00:00:00	16.6	8-Oct-09	18:00:00	3.8
8-Jun-09	13:00:00	11.1	19-Jul-09	07:00:00	16.6	29-Aug-09	01:00:00	16.3	8-Oct-09	19:00:00	3.7
8-Jun-09	14:00:00	11.8	19-Jul-09	08:00:00	16.5	29-Aug-09	02:00:00	16.2	8-Oct-09	20:00:00	3.5
8-Jun-09	15:00:00	12.6	19-Jul-09	09:00:00	16.3	29-Aug-09	03:00:00	15.9	8-Oct-09	21:00:00	3.4
8-Jun-09	16:00:00	13.2	19-Jul-09	10:00:00	16.5	29-Aug-09	04:00:00	15.7	8-Oct-09	22:00:00	3.2
8-Jun-09	17:00:00	13.6	19-Jul-09	11:00:00	16.6	29-Aug-09	05:00:00	15.5	8-Oct-09	23:00:00	3.1
8-Jun-09	18:00:00	13.9	19-Jul-09	12:00:00	16.9	29-Aug-09	06:00:00	15.2	9-Oct-09	00:00:00	2.9
8-Jun-09	19:00:00	13.9	19-Jul-09	13:00:00	17.4	29-Aug-09	07:00:00	15.1	9-Oct-09	01:00:00	2.8
8-Jun-09	20:00:00	14.0	19-Jul-09	14:00:00	17.8	29-Aug-09	08:00:00	14.9	9-Oct-09	02:00:00	2.6
8-Jun-09	21:00:00	13.9	19-Jul-09	15:00:00	18.0	29-Aug-09	09:00:00	14.8	9-Oct-09	03:00:00	2.6
8-Jun-09	22:00:00	13.8	19-Jul-09	16:00:00	18.0	29-Aug-09	10:00:00	14.8	9-Oct-09	04:00:00	2.5
8-Jun-09	23:00:00	13.5	19-Jul-09	17:00:00	18.3	29-Aug-09	11:00:00	14.8	9-Oct-09	05:00:00	2.3
9-Jun-09	00:00:00	13.0	19-Jul-09	18:00:00	18.8	29-Aug-09	12:00:00	14.9	9-Oct-09	06:00:00	2.3
9-Jun-09	01:00:00	12.6	19-Jul-09	19:00:00	19.2	29-Aug-09	13:00:00	15.2	9-Oct-09	07:00:00	2.2
9-Jun-09	02:00:00	12.1	19-Jul-09	20:00:00	19.4	29-Aug-09	14:00:00	15.9	9-Oct-09	08:00:00	2.2
9-Jun-09	03:00:00	11.5	19-Jul-09	21:00:00	19.4	29-Aug-09	15:00:00	16.6	9-Oct-09	09:00:00	2.0
9-Jun-09	04:00:00	11.1	19-Jul-09	22:00:00	19.2	29-Aug-09	16:00:00	17.4	9-Oct-09	10:00:00	2.0
9-Jun-09	05:00:00	10.6	19-Jul-09	23:00:00	19.1	29-Aug-09	17:00:00	17.8	9-Oct-09	11:00:00	2.2
9-Jun-09	06:00:00	10.1	20-Jul-09	00:00:00	18.8	29-Aug-09	18:00:00	18.3	9-Oct-09	12:00:00	2.2
9-Jun-09	07:00:00	9.8	20-Jul-09	01:00:00	18.6	29-Aug-09	19:00:00	18.4	9-Oct-09	13:00:00	2.2
9-Jun-09	08:00:00	9.6	20-Jul-09	02:00:00	18.4	29-Aug-09	20:00:00	18.3	9-Oct-09	14:00:00	2.3
9-Jun-09	09:00:00	9.6	20-Jul-09	03:00:00	18.1	29-Aug-09	21:00:00	17.8	9-Oct-09	15:00:00	2.5
9-Jun-09	10:00:00	9.8	20-Jul-09	04:00:00	18.0	29-Aug-09	22:00:00	17.5	9-Oct-09	16:00:00	2.6
9-Jun-09	11:00:00	10.2	20-Jul-09	05:00:00	17.7	29-Aug-09	23:00:00	17.4	9-Oct-09	17:00:00	2.6
9-Jun-09	12:00:00	10.6	20-Jul-09	06:00:00	17.4	30-Aug-09	00:00:00	16.9	9-Oct-09	18:00:00	2.6
9-Jun-09	13:00:00	11.4	20-Jul-09	07:00:00	17.1	30-Aug-09	01:00:00	16.8	9-Oct-09	19:00:00	2.6
9-Jun-09	14:00:00	12.1	20-Jul-09	08:00:00	16.9	30-Aug-09	02:00:00	16.5	9-Oct-09	20:00:00	2.5
9-Jun-09	15:00:00	12.7	20-Jul-09	09:00:00	16.8	30-Aug-09	03:00:00	16.2	9-Oct-09	21:00:00	2.5
9-Jun-09	16:00:00	13.3	20-Jul-09	10:00:00	16.8	30-Aug-09	04:00:00	15.9	9-Oct-09	22:00:00	2.3
9-Jun-09	17:00:00	13.9	20-Jul-09	11:00:00	17.1	30-Aug-09	05:00:00	15.5	9-Oct-09	23:00:00	2.2
9-Jun-09	18:00:00	14.5	20-Jul-09	12:00:00	17.5	30-Aug-09	06:00:00	15.2	10-Oct-09	00:00:00	2.2
9-Jun-09	19:00:00	14.5	20-Jul-09	13:00:00	18.1	30-Aug-09	07:00:00	14.9	10-Oct-09	01:00:00	2.0
9-Jun-09	20:00:00	14.6	20-Jul-09	14:00:00	18.8	30-Aug-09	08:00:00	14.6	10-Oct-09	02:00:00	1.9
9-Jun-09	21:00:00	14.5	20-Jul-09	15:00:00	19.4	30-Aug-09	09:00:00	14.3	10-Oct-09	03:00:00	1.9
9-Jun-09	22:00:00	14.2	20-Jul-09	16:00:00	19.9	30-Aug-09	10:00:00	14.3	10-Oct-09	04:00:00	1.7
9-Jun-09	23:00:00	13.9	20-Jul-09	17:00:00	20.2	30-Aug-09	11:00:00	14.6	10-Oct-09	05:00:00	1.7
10-Jun-09	00:00:00	13.5	20-Jul-09	18:00:00	20.5	30-Aug-09	12:00:00	15.2	10-Oct-09	06:00:00	1.6

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
10-Jun-09	01:00:00	13.0	20-Jul-09	19:00:00	20.6	30-Aug-09	13:00:00	16.0	10-Oct-09	07:00:00	1.6
10-Jun-09	02:00:00	12.6	20-Jul-09	20:00:00	20.6	30-Aug-09	14:00:00	16.9	10-Oct-09	08:00:00	1.6
10-Jun-09	03:00:00	12.1	20-Jul-09	21:00:00	20.6	30-Aug-09	15:00:00	18.0	10-Oct-09	09:00:00	1.4
10-Jun-09	04:00:00	11.7	20-Jul-09	22:00:00	20.3	30-Aug-09	16:00:00	18.8	10-Oct-09	10:00:00	1.4
10-Jun-09	05:00:00	11.2	20-Jul-09	23:00:00	20.0	30-Aug-09	17:00:00	19.4	10-Oct-09	11:00:00	1.4
10-Jun-09	06:00:00	10.8	21-Jul-09	00:00:00	19.7	30-Aug-09	18:00:00	19.7	10-Oct-09	12:00:00	1.6
10-Jun-09	07:00:00	10.5	21-Jul-09	01:00:00	19.2	30-Aug-09	19:00:00	19.7	10-Oct-09	13:00:00	1.6
10-Jun-09	08:00:00	10.3	21-Jul-09	02:00:00	18.9	30-Aug-09	20:00:00	19.4	10-Oct-09	14:00:00	1.7
10-Jun-09	09:00:00	10.2	21-Jul-09	03:00:00	18.6	30-Aug-09	21:00:00	18.9	10-Oct-09	15:00:00	1.7
10-Jun-09	10:00:00	10.3	21-Jul-09	04:00:00	18.1	30-Aug-09	22:00:00	18.4	10-Oct-09	16:00:00	1.9
10-Jun-09	11:00:00	10.8	21-Jul-09	05:00:00	17.8	30-Aug-09	23:00:00	18.1	10-Oct-09	17:00:00	1.9
10-Jun-09	12:00:00	11.4	21-Jul-09	06:00:00	17.5	31-Aug-09	00:00:00	17.8	10-Oct-09	18:00:00	1.9
10-Jun-09	13:00:00	12.0	21-Jul-09	07:00:00	17.4	31-Aug-09	01:00:00	17.4	10-Oct-09	19:00:00	1.7
10-Jun-09	14:00:00	12.6	21-Jul-09	08:00:00	17.1	31-Aug-09	02:00:00	17.2	10-Oct-09	20:00:00	1.4
10-Jun-09	15:00:00	13.3	21-Jul-09	09:00:00	17.1	31-Aug-09	03:00:00	16.9	10-Oct-09	21:00:00	1.1
10-Jun-09	16:00:00	13.9	21-Jul-09	10:00:00	17.4	31-Aug-09	04:00:00	16.6	10-Oct-09	22:00:00	1.0
10-Jun-09	17:00:00	14.5	21-Jul-09	11:00:00	17.7	31-Aug-09	05:00:00	16.3	10-Oct-09	23:00:00	0.7
10-Jun-09	18:00:00	15.1	21-Jul-09	12:00:00	18.3	31-Aug-09	06:00:00	16.0	11-Oct-09	00:00:00	0.4
10-Jun-09	19:00:00	15.2	21-Jul-09	13:00:00	18.8	31-Aug-09	07:00:00	15.7	11-Oct-09	01:00:00	0.0
10-Jun-09	20:00:00	15.4	21-Jul-09	14:00:00	19.2	31-Aug-09	08:00:00	15.5	11-Oct-09	02:00:00	0.0
10-Jun-09	21:00:00	15.4	21-Jul-09	15:00:00	19.5	31-Aug-09	09:00:00	15.4	11-Oct-09	03:00:00	0.0
10-Jun-09	22:00:00	15.4	21-Jul-09	16:00:00	19.9	31-Aug-09	10:00:00	15.2	11-Oct-09	04:00:00	0.0
10-Jun-09	23:00:00	15.1	21-Jul-09	17:00:00	20.2	31-Aug-09	11:00:00	15.4	11-Oct-09	05:00:00	0.0
11-Jun-09	00:00:00	14.9	21-Jul-09	18:00:00	20.3	31-Aug-09	12:00:00	15.7	11-Oct-09	06:00:00	0.0
11-Jun-09	01:00:00	14.5	21-Jul-09	19:00:00	20.3	31-Aug-09	13:00:00	16.5	11-Oct-09	07:00:00	0.0
11-Jun-09	02:00:00	14.2	21-Jul-09	20:00:00	20.2	31-Aug-09	14:00:00	17.2	11-Oct-09	08:00:00	0.0
11-Jun-09	03:00:00	13.8	21-Jul-09	21:00:00	20.2	31-Aug-09	15:00:00	18.0	11-Oct-09	09:00:00	0.0
11-Jun-09	04:00:00	13.5	21-Jul-09	22:00:00	20.0	31-Aug-09	16:00:00	18.8	11-Oct-09	10:00:00	0.0
11-Jun-09	05:00:00	13.0	21-Jul-09	23:00:00	19.9	31-Aug-09	17:00:00	19.4	11-Oct-09	11:00:00	0.0
11-Jun-09	06:00:00	12.7	22-Jul-09	00:00:00	19.7	31-Aug-09	18:00:00	19.7	11-Oct-09	12:00:00	0.0
11-Jun-09	07:00:00	12.4	22-Jul-09	01:00:00	19.5	31-Aug-09	19:00:00	19.7	11-Oct-09	13:00:00	0.0
11-Jun-09	08:00:00	12.1	22-Jul-09	02:00:00	19.4	31-Aug-09	20:00:00	19.4	11-Oct-09	14:00:00	0.0
11-Jun-09	09:00:00	12.1	22-Jul-09	03:00:00	19.2	31-Aug-09	21:00:00	18.8	11-Oct-09	15:00:00	0.0
11-Jun-09	10:00:00	12.1	22-Jul-09	04:00:00	18.9	31-Aug-09	22:00:00	18.3	11-Oct-09	16:00:00	0.2
11-Jun-09	11:00:00	12.3	22-Jul-09	05:00:00	18.8	31-Aug-09	23:00:00	18.0	11-Oct-09	17:00:00	0.2
11-Jun-09	12:00:00	12.7	22-Jul-09	06:00:00	18.6	1-Sep-09	00:00:00	17.7	11-Oct-09	18:00:00	0.4
11-Jun-09	13:00:00	13.3	22-Jul-09	07:00:00	18.4	1-Sep-09	01:00:00	17.4	11-Oct-09	19:00:00	0.2
11-Jun-09	14:00:00	13.9	22-Jul-09	08:00:00	18.3	1-Sep-09	02:00:00	17.1	11-Oct-09	20:00:00	0.0
11-Jun-09	15:00:00	14.5	22-Jul-09	09:00:00	18.3	1-Sep-09	03:00:00	16.8	11-Oct-09	21:00:00	0.0
11-Jun-09	16:00:00	14.9	22-Jul-09	10:00:00	18.4	1-Sep-09	04:00:00	16.6	11-Oct-09	22:00:00	0.0
11-Jun-09	17:00:00	15.7	22-Jul-09	11:00:00	18.8	1-Sep-09	05:00:00	16.3	11-Oct-09	23:00:00	0.0
11-Jun-09	18:00:00	15.7	22-Jul-09	12:00:00	19.2	1-Sep-09	06:00:00	16.0	12-Oct-09	00:00:00	0.0
11-Jun-09	19:00:00	15.5	22-Jul-09	13:00:00	19.5	1-Sep-09	07:00:00	15.7	12-Oct-09	01:00:00	0.0
11-Jun-09	20:00:00	15.7	22-Jul-09	14:00:00	20.0	1-Sep-09	08:00:00	15.4	12-Oct-09	02:00:00	0.0
11-Jun-09	21:00:00	15.4	22-Jul-09	15:00:00	20.6	1-Sep-09	09:00:00	15.2	12-Oct-09	03:00:00	0.0
11-Jun-09	22:00:00	15.2	22-Jul-09	16:00:00	21.1	1-Sep-09	10:00:00	15.2	12-Oct-09	04:00:00	0.0
11-Jun-09	23:00:00	15.1	22-Jul-09	17:00:00	21.4	1-Sep-09	11:00:00	15.5	12-Oct-09	05:00:00	0.0
12-Jun-09	00:00:00	14.9	22-Jul-09	18:00:00	21.4	1-Sep-09	12:00:00	16.0	12-Oct-09	06:00:00	0.0
12-Jun-09	01:00:00	14.8	22-Jul-09	19:00:00	21.4	1-Sep-09	13:00:00	16.8	12-Oct-09	07:00:00	0.0
12-Jun-09	02:00:00	14.6	22-Jul-09	20:00:00	21.4	1-Sep-09	14:00:00	17.5	12-Oct-09	08:00:00	0.0
12-Jun-09	03:00:00	14.3	22-Jul-09	21:00:00	21.1	1-Sep-09	15:00:00	18.4	12-Oct-09	09:00:00	0.0
12-Jun-09	04:00:00	14.2	22-Jul-09	22:00:00	21.0	1-Sep-09	16:00:00	19.2	12-Oct-09	10:00:00	0.0
12-Jun-09	05:00:00	13.9	22-Jul-09	23:00:00	20.6	1-Sep-09	17:00:00	19.9	12-Oct-09	11:00:00	0.0
12-Jun-09	06:00:00	13.5	23-Jul-09	00:00:00	20.3	1-Sep-09	18:00:00	20.2	12-Oct-09	12:00:00	0.0
12-Jun-09	07:00:00	13.3	23-Jul-09	01:00:00	19.9	1-Sep-09	19:00:00	20.0	12-Oct-09	13:00:00	0.2
12-Jun-09	08:00:00	13.2	23-Jul-09	02:00:00	19.5	1-Sep-09	20:00:00	19.7	12-Oct-09	14:00:00	0.4
12-Jun-09	09:00:00	13.2	23-Jul-09	03:00:00	19.2	1-Sep-09	21:00:00	19.2	12-Oct-09	15:00:00	0.5
12-Jun-09	10:00:00	13.3	23-Jul-09	04:00:00	18.9	1-Sep-09	22:00:00	18.9	12-Oct-09	16:00:00	0.7
12-Jun-09	11:00:00	13.8	23-Jul-09	05:00:00	18.6	1-Sep-09	23:00:00	18.4	12-Oct-09	17:00:00	0.7

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
12-Jun-09	12:00:00	14.3	23-Jul-09	06:00:00	18.4	2-Sep-09	00:00:00	18.3	12-Oct-09	18:00:00	0.5
12-Jun-09	13:00:00	14.9	23-Jul-09	07:00:00	18.1	2-Sep-09	01:00:00	18.0	12-Oct-09	19:00:00	0.4
12-Jun-09	14:00:00	15.5	23-Jul-09	08:00:00	18.0	2-Sep-09	02:00:00	18.0	12-Oct-09	20:00:00	0.0
12-Jun-09	15:00:00	16.0	23-Jul-09	09:00:00	18.0	2-Sep-09	03:00:00	17.8	12-Oct-09	21:00:00	0.0
12-Jun-09	16:00:00	16.9	23-Jul-09	10:00:00	18.0	2-Sep-09	04:00:00	17.7	12-Oct-09	22:00:00	0.0
12-Jun-09	17:00:00	17.4	23-Jul-09	11:00:00	18.3	2-Sep-09	05:00:00	17.5	12-Oct-09	23:00:00	0.0
12-Jun-09	18:00:00	18.0	23-Jul-09	12:00:00	18.8	2-Sep-09	06:00:00	17.4	13-Oct-09	00:00:00	0.0
12-Jun-09	19:00:00	18.1	23-Jul-09	13:00:00	19.2	2-Sep-09	07:00:00	17.1	13-Oct-09	01:00:00	0.0
12-Jun-09	20:00:00	18.1	23-Jul-09	14:00:00	19.9	2-Sep-09	08:00:00	16.9	13-Oct-09	02:00:00	0.0
12-Jun-09	21:00:00	18.0	23-Jul-09	15:00:00	20.5	2-Sep-09	09:00:00	16.8	13-Oct-09	03:00:00	0.0
12-Jun-09	22:00:00	17.8	23-Jul-09	16:00:00	21.0	2-Sep-09	10:00:00	16.8	13-Oct-09	04:00:00	0.0
12-Jun-09	23:00:00	17.7	23-Jul-09	17:00:00	21.3	2-Sep-09	11:00:00	16.8	13-Oct-09	05:00:00	0.0
13-Jun-09	00:00:00	17.4	23-Jul-09	18:00:00	21.8	2-Sep-09	12:00:00	16.8	13-Oct-09	06:00:00	0.0
13-Jun-09	01:00:00	17.1	23-Jul-09	19:00:00	21.9	2-Sep-09	13:00:00	16.8	13-Oct-09	07:00:00	0.0
13-Jun-09	02:00:00	16.8	23-Jul-09	20:00:00	21.9	2-Sep-09	14:00:00	16.9	13-Oct-09	08:00:00	0.0
13-Jun-09	03:00:00	16.3	23-Jul-09	21:00:00	21.8	2-Sep-09	15:00:00	16.9	13-Oct-09	09:00:00	0.0
13-Jun-09	04:00:00	15.9	23-Jul-09	22:00:00	21.4	2-Sep-09	16:00:00	17.1	13-Oct-09	10:00:00	0.0
13-Jun-09	05:00:00	15.4	23-Jul-09	23:00:00	21.3	2-Sep-09	17:00:00	17.1	13-Oct-09	11:00:00	0.0
13-Jun-09	06:00:00	14.9	24-Jul-09	00:00:00	21.0	2-Sep-09	18:00:00	17.7	13-Oct-09	12:00:00	0.0
13-Jun-09	07:00:00	14.6	24-Jul-09	01:00:00	20.6	2-Sep-09	19:00:00	18.0	13-Oct-09	13:00:00	0.0
13-Jun-09	08:00:00	14.5	24-Jul-09	02:00:00	20.3	2-Sep-09	20:00:00	17.8	13-Oct-09	14:00:00	0.0
13-Jun-09	09:00:00	14.3	24-Jul-09	03:00:00	20.0	2-Sep-09	21:00:00	17.5	13-Oct-09	15:00:00	0.0
13-Jun-09	10:00:00	14.6	24-Jul-09	04:00:00	19.7	2-Sep-09	22:00:00	17.4	13-Oct-09	16:00:00	0.0
13-Jun-09	11:00:00	15.1	24-Jul-09	05:00:00	19.4	2-Sep-09	23:00:00	17.1	13-Oct-09	17:00:00	0.2
13-Jun-09	12:00:00	15.5	24-Jul-09	06:00:00	19.1	3-Sep-09	00:00:00	16.9	13-Oct-09	18:00:00	0.0
13-Jun-09	13:00:00	16.2	24-Jul-09	07:00:00	18.9	3-Sep-09	01:00:00	16.6	13-Oct-09	19:00:00	0.0
13-Jun-09	14:00:00	16.9	24-Jul-09	08:00:00	18.6	3-Sep-09	02:00:00	16.5	13-Oct-09	20:00:00	0.0
13-Jun-09	15:00:00	17.5	24-Jul-09	09:00:00	18.6	3-Sep-09	03:00:00	16.3	13-Oct-09	21:00:00	0.0
13-Jun-09	16:00:00	18.1	24-Jul-09	10:00:00	18.8	3-Sep-09	04:00:00	16.2	13-Oct-09	22:00:00	0.0
13-Jun-09	17:00:00	18.6	24-Jul-09	11:00:00	19.2	3-Sep-09	05:00:00	16.2	13-Oct-09	23:00:00	0.0
13-Jun-09	18:00:00	18.9	24-Jul-09	12:00:00	19.7	3-Sep-09	06:00:00	16.2	14-Oct-09	00:00:00	0.0
13-Jun-09	19:00:00	19.1	24-Jul-09	13:00:00	20.5	3-Sep-09	07:00:00	16.0	14-Oct-09	01:00:00	0.0
13-Jun-09	20:00:00	18.9	24-Jul-09	14:00:00	21.0	3-Sep-09	08:00:00	15.9	14-Oct-09	02:00:00	0.0
13-Jun-09	21:00:00	18.9	24-Jul-09	15:00:00	21.6	3-Sep-09	09:00:00	16.0	14-Oct-09	03:00:00	0.0
13-Jun-09	22:00:00	18.8	24-Jul-09	16:00:00	21.8	3-Sep-09	10:00:00	16.0	14-Oct-09	04:00:00	0.0
13-Jun-09	23:00:00	18.6	24-Jul-09	17:00:00	22.4	3-Sep-09	11:00:00	16.2	14-Oct-09	05:00:00	0.0
14-Jun-09	00:00:00	18.1	24-Jul-09	18:00:00	22.6	3-Sep-09	12:00:00	16.3	14-Oct-09	06:00:00	0.0
14-Jun-09	01:00:00	17.8	24-Jul-09	19:00:00	22.7	3-Sep-09	13:00:00	16.6	14-Oct-09	07:00:00	0.0
14-Jun-09	02:00:00	17.5	24-Jul-09	20:00:00	22.9	3-Sep-09	14:00:00	17.1	14-Oct-09	08:00:00	0.0
14-Jun-09	03:00:00	17.1	24-Jul-09	21:00:00	22.6	3-Sep-09	15:00:00	18.0	14-Oct-09	09:00:00	0.0
14-Jun-09	04:00:00	16.8	24-Jul-09	22:00:00	22.4	3-Sep-09	16:00:00	18.6	14-Oct-09	10:00:00	0.0
14-Jun-09	05:00:00	16.3	24-Jul-09	23:00:00	22.1	3-Sep-09	17:00:00	18.9	14-Oct-09	11:00:00	0.0
14-Jun-09	06:00:00	16.0	25-Jul-09	00:00:00	21.8	3-Sep-09	18:00:00	19.2	14-Oct-09	12:00:00	0.2
14-Jun-09	07:00:00	15.7	25-Jul-09	01:00:00	21.3	3-Sep-09	19:00:00	19.2	14-Oct-09	13:00:00	0.0
14-Jun-09	08:00:00	15.5	25-Jul-09	02:00:00	21.1	3-Sep-09	20:00:00	19.1	14-Oct-09	14:00:00	0.2
14-Jun-09	09:00:00	15.5	25-Jul-09	03:00:00	20.6	3-Sep-09	21:00:00	18.9	14-Oct-09	15:00:00	0.2
14-Jun-09	10:00:00	15.9	25-Jul-09	04:00:00	20.3	3-Sep-09	22:00:00	18.8	14-Oct-09	16:00:00	0.2
14-Jun-09	11:00:00	16.2	25-Jul-09	05:00:00	20.2	3-Sep-09	23:00:00	18.6	14-Oct-09	17:00:00	0.2
14-Jun-09	12:00:00	16.6	25-Jul-09	06:00:00	19.7	4-Sep-09	00:00:00	18.3	14-Oct-09	18:00:00	0.2
14-Jun-09	13:00:00	17.2	25-Jul-09	07:00:00	19.5	4-Sep-09	01:00:00	18.1	14-Oct-09	19:00:00	0.2
14-Jun-09	14:00:00	17.7	25-Jul-09	08:00:00	19.4	4-Sep-09	02:00:00	17.8	14-Oct-09	20:00:00	0.2
14-Jun-09	15:00:00	18.3	25-Jul-09	09:00:00	19.2	4-Sep-09	03:00:00	17.7	14-Oct-09	21:00:00	0.2
14-Jun-09	16:00:00	18.8	25-Jul-09	10:00:00	19.4	4-Sep-09	04:00:00	17.4	14-Oct-09	22:00:00	0.2
14-Jun-09	17:00:00	19.1	25-Jul-09	11:00:00	19.7	4-Sep-09	05:00:00	17.4	14-Oct-09	23:00:00	0.2
14-Jun-09	18:00:00	19.4	25-Jul-09	12:00:00	20.3	4-Sep-09	06:00:00	17.2	15-Oct-09	00:00:00	0.2
14-Jun-09	19:00:00	19.5	25-Jul-09	13:00:00	21.0	4-Sep-09	07:00:00	17.1	15-Oct-09	01:00:00	0.2
14-Jun-09	20:00:00	19.5	25-Jul-09	14:00:00	21.6	4-Sep-09	08:00:00	16.8	15-Oct-09	02:00:00	0.2
14-Jun-09	21:00:00	19.4	25-Jul-09	15:00:00	22.2	4-Sep-09	09:00:00	16.6	15-Oct-09	03:00:00	0.2
14-Jun-09	22:00:00	19.1	25-Jul-09	16:00:00	22.7	4-Sep-09	10:00:00	16.6	15-Oct-09	04:00:00	0.2

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
14-Jun-09	23:00:00	18.8	25-Jul-09	17:00:00	23.2	4-Sep-09	11:00:00	16.6	15-Oct-09	05:00:00	0.2
15-Jun-09	00:00:00	18.4	25-Jul-09	18:00:00	23.6	4-Sep-09	12:00:00	16.6	15-Oct-09	06:00:00	0.2
15-Jun-09	01:00:00	18.0	25-Jul-09	19:00:00	23.7	4-Sep-09	13:00:00	16.8	15-Oct-09	07:00:00	0.2
15-Jun-09	02:00:00	17.5	25-Jul-09	20:00:00	23.6	4-Sep-09	14:00:00	17.1	15-Oct-09	08:00:00	0.2
15-Jun-09	03:00:00	17.1	25-Jul-09	21:00:00	23.2	4-Sep-09	15:00:00	17.7	15-Oct-09	09:00:00	0.2
15-Jun-09	04:00:00	16.6	25-Jul-09	22:00:00	23.1	4-Sep-09	16:00:00	18.4	15-Oct-09	10:00:00	0.2
15-Jun-09	05:00:00	16.3	25-Jul-09	23:00:00	22.7	4-Sep-09	17:00:00	18.9	15-Oct-09	11:00:00	0.2
15-Jun-09	06:00:00	15.9	26-Jul-09	00:00:00	22.4	4-Sep-09	18:00:00	18.9	15-Oct-09	12:00:00	0.4
15-Jun-09	07:00:00	15.5	26-Jul-09	01:00:00	21.9	4-Sep-09	19:00:00	18.9	15-Oct-09	13:00:00	0.7
15-Jun-09	08:00:00	15.4	26-Jul-09	02:00:00	21.4	4-Sep-09	20:00:00	18.6	15-Oct-09	14:00:00	1.0
15-Jun-09	09:00:00	15.2	26-Jul-09	03:00:00	21.1	4-Sep-09	21:00:00	18.1	15-Oct-09	15:00:00	1.4
15-Jun-09	10:00:00	15.4	26-Jul-09	04:00:00	20.8	4-Sep-09	22:00:00	17.7	15-Oct-09	16:00:00	1.9
15-Jun-09	11:00:00	15.9	26-Jul-09	05:00:00	20.5	4-Sep-09	23:00:00	17.2	15-Oct-09	17:00:00	2.0
15-Jun-09	12:00:00	16.3	26-Jul-09	06:00:00	20.2	5-Sep-09	00:00:00	16.9	15-Oct-09	18:00:00	2.0
15-Jun-09	13:00:00	16.9	26-Jul-09	07:00:00	19.9	5-Sep-09	01:00:00	16.5	15-Oct-09	19:00:00	1.7
15-Jun-09	14:00:00	17.7	26-Jul-09	08:00:00	19.5	5-Sep-09	02:00:00	16.2	15-Oct-09	20:00:00	1.3
15-Jun-09	15:00:00	18.1	26-Jul-09	09:00:00	19.5	5-Sep-09	03:00:00	15.9	15-Oct-09	21:00:00	1.0
15-Jun-09	16:00:00	18.6	26-Jul-09	10:00:00	19.5	5-Sep-09	04:00:00	15.7	15-Oct-09	22:00:00	0.8
15-Jun-09	17:00:00	18.9	26-Jul-09	11:00:00	19.9	5-Sep-09	05:00:00	15.4	15-Oct-09	23:00:00	0.5
15-Jun-09	18:00:00	19.2	26-Jul-09	12:00:00	20.5	5-Sep-09	06:00:00	14.9	16-Oct-09	00:00:00	0.5
15-Jun-09	19:00:00	19.2	26-Jul-09	13:00:00	21.0	5-Sep-09	07:00:00	14.6	16-Oct-09	01:00:00	0.4
15-Jun-09	20:00:00	19.2	26-Jul-09	14:00:00	21.8	5-Sep-09	08:00:00	14.3	16-Oct-09	02:00:00	0.4
15-Jun-09	21:00:00	19.2	26-Jul-09	15:00:00	22.4	5-Sep-09	09:00:00	14.2	16-Oct-09	03:00:00	0.4
15-Jun-09	22:00:00	19.2	26-Jul-09	16:00:00	22.9	5-Sep-09	10:00:00	14.3	16-Oct-09	04:00:00	0.4
15-Jun-09	23:00:00	19.1	26-Jul-09	17:00:00	23.4	5-Sep-09	11:00:00	14.5	16-Oct-09	05:00:00	0.4
16-Jun-09	00:00:00	18.8	26-Jul-09	18:00:00	23.7	5-Sep-09	12:00:00	14.9	16-Oct-09	06:00:00	0.4
16-Jun-09	01:00:00	18.4	26-Jul-09	19:00:00	23.9	5-Sep-09	13:00:00	15.5	16-Oct-09	07:00:00	0.4
16-Jun-09	02:00:00	18.1	26-Jul-09	20:00:00	23.9	5-Sep-09	14:00:00	16.2	16-Oct-09	08:00:00	0.5
16-Jun-09	03:00:00	17.8	26-Jul-09	21:00:00	23.7	5-Sep-09	15:00:00	16.6	16-Oct-09	09:00:00	0.5
16-Jun-09	04:00:00	17.5	26-Jul-09	22:00:00	23.4	5-Sep-09	16:00:00	16.9	16-Oct-09	10:00:00	0.5
16-Jun-09	05:00:00	17.2	26-Jul-09	23:00:00	23.1	5-Sep-09	17:00:00	16.9	16-Oct-09	11:00:00	0.7
16-Jun-09	06:00:00	16.9	27-Jul-09	00:00:00	22.7	5-Sep-09	18:00:00	16.9	16-Oct-09	12:00:00	1.0
16-Jun-09	07:00:00	16.8	27-Jul-09	01:00:00	22.4	5-Sep-09	19:00:00	16.8	16-Oct-09	13:00:00	1.3
16-Jun-09	08:00:00	16.6	27-Jul-09	02:00:00	21.9	5-Sep-09	20:00:00	16.6	16-Oct-09	14:00:00	1.4
16-Jun-09	09:00:00	16.5	27-Jul-09	03:00:00	21.6	5-Sep-09	21:00:00	16.5	16-Oct-09	15:00:00	1.7
16-Jun-09	10:00:00	16.6	27-Jul-09	04:00:00	21.3	5-Sep-09	22:00:00	16.3	16-Oct-09	16:00:00	2.0
16-Jun-09	11:00:00	16.8	27-Jul-09	05:00:00	21.0	5-Sep-09	23:00:00	16.2	16-Oct-09	17:00:00	2.3
16-Jun-09	12:00:00	17.1	27-Jul-09	06:00:00	20.6	6-Sep-09	00:00:00	16.0	16-Oct-09	18:00:00	2.5
16-Jun-09	13:00:00	17.2	27-Jul-09	07:00:00	20.3	6-Sep-09	01:00:00	15.9	16-Oct-09	19:00:00	2.5
16-Jun-09	14:00:00	17.5	27-Jul-09	08:00:00	20.0	6-Sep-09	02:00:00	15.7	16-Oct-09	20:00:00	2.3
16-Jun-09	15:00:00	17.8	27-Jul-09	09:00:00	20.0	6-Sep-09	03:00:00	15.7	16-Oct-09	21:00:00	2.2
16-Jun-09	16:00:00	18.3	27-Jul-09	10:00:00	20.0	6-Sep-09	04:00:00	15.5	16-Oct-09	22:00:00	2.2
16-Jun-09	17:00:00	18.6	27-Jul-09	11:00:00	20.3	6-Sep-09	05:00:00	15.4	16-Oct-09	23:00:00	2.2
16-Jun-09	18:00:00	19.1	27-Jul-09	12:00:00	21.0	6-Sep-09	06:00:00	15.4	17-Oct-09	00:00:00	2.2
16-Jun-09	19:00:00	19.2	27-Jul-09	13:00:00	21.6	6-Sep-09	07:00:00	15.2	17-Oct-09	01:00:00	2.0
16-Jun-09	20:00:00	19.2	27-Jul-09	14:00:00	22.4	6-Sep-09	08:00:00	15.1	17-Oct-09	02:00:00	1.9
16-Jun-09	21:00:00	19.2	27-Jul-09	15:00:00	23.1	6-Sep-09	09:00:00	15.1	17-Oct-09	03:00:00	1.9
16-Jun-09	22:00:00	18.9	27-Jul-09	16:00:00	23.7	6-Sep-09	10:00:00	14.9	17-Oct-09	04:00:00	1.9
16-Jun-09	23:00:00	18.8	27-Jul-09	17:00:00	23.7	6-Sep-09	11:00:00	14.9	17-Oct-09	05:00:00	1.7
17-Jun-09	00:00:00	18.3	27-Jul-09	18:00:00	24.0	6-Sep-09	12:00:00	14.8	17-Oct-09	06:00:00	1.7
17-Jun-09	01:00:00	18.0	27-Jul-09	19:00:00	24.0	6-Sep-09	13:00:00	14.6	17-Oct-09	07:00:00	1.6
17-Jun-09	02:00:00	17.7	27-Jul-09	20:00:00	24.2	6-Sep-09	14:00:00	14.6	17-Oct-09	08:00:00	1.4
17-Jun-09	03:00:00	17.4	27-Jul-09	21:00:00	24.0	6-Sep-09	15:00:00	14.5	17-Oct-09	09:00:00	1.3
17-Jun-09	04:00:00	17.1	27-Jul-09	22:00:00	23.7	6-Sep-09	16:00:00	14.5	17-Oct-09	10:00:00	1.3
17-Jun-09	05:00:00	16.8	27-Jul-09	23:00:00	23.6	6-Sep-09	17:00:00	14.5	17-Oct-09	11:00:00	1.3
17-Jun-09	06:00:00	16.6	28-Jul-09	00:00:00	23.2	6-Sep-09	18:00:00	14.6	17-Oct-09	12:00:00	1.4
17-Jun-09	07:00:00	16.5	28-Jul-09	01:00:00	22.9	6-Sep-09	19:00:00	14.6	17-Oct-09	13:00:00	1.9
17-Jun-09	08:00:00	16.3	28-Jul-09	02:00:00	22.6	6-Sep-09	20:00:00	14.5	17-Oct-09	14:00:00	2.3
17-Jun-09	09:00:00	16.3	28-Jul-09	03:00:00	22.2	6-Sep-09	21:00:00	14.2	17-Oct-09	15:00:00	3.1

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
17-Jun-09	10:00:00	16.5	28-Jul-09	04:00:00	21.9	6-Sep-09	22:00:00	14.0	17-Oct-09	16:00:00	3.5
17-Jun-09	11:00:00	16.8	28-Jul-09	05:00:00	21.8	6-Sep-09	23:00:00	13.9	17-Oct-09	17:00:00	3.8
17-Jun-09	12:00:00	17.2	28-Jul-09	06:00:00	21.4	7-Sep-09	00:00:00	13.8	17-Oct-09	18:00:00	3.8
17-Jun-09	13:00:00	17.5	28-Jul-09	07:00:00	21.3	7-Sep-09	01:00:00	13.6	17-Oct-09	19:00:00	3.5
17-Jun-09	14:00:00	17.8	28-Jul-09	08:00:00	21.0	7-Sep-09	02:00:00	13.5	17-Oct-09	20:00:00	3.2
17-Jun-09	15:00:00	18.8	28-Jul-09	09:00:00	21.0	7-Sep-09	03:00:00	13.3	17-Oct-09	21:00:00	2.8
17-Jun-09	16:00:00	18.9	28-Jul-09	10:00:00	21.0	7-Sep-09	04:00:00	13.2	17-Oct-09	22:00:00	2.6
17-Jun-09	17:00:00	19.2	28-Jul-09	11:00:00	21.3	7-Sep-09	05:00:00	13.0	17-Oct-09	23:00:00	2.3
17-Jun-09	18:00:00	19.7	28-Jul-09	12:00:00	21.8	7-Sep-09	06:00:00	12.9	18-Oct-09	00:00:00	2.2
17-Jun-09	19:00:00	19.9	28-Jul-09	13:00:00	22.6	7-Sep-09	07:00:00	12.7	18-Oct-09	01:00:00	2.0
17-Jun-09	20:00:00	19.5	28-Jul-09	14:00:00	23.2	7-Sep-09	08:00:00	12.6	18-Oct-09	02:00:00	1.9
17-Jun-09	21:00:00	19.2	28-Jul-09	15:00:00	23.7	7-Sep-09	09:00:00	12.6	18-Oct-09	03:00:00	1.7
17-Jun-09	22:00:00	19.1	28-Jul-09	16:00:00	24.4	7-Sep-09	10:00:00	12.7	18-Oct-09	04:00:00	1.6
17-Jun-09	23:00:00	18.9	28-Jul-09	17:00:00	24.7	7-Sep-09	11:00:00	13.0	18-Oct-09	05:00:00	1.6
18-Jun-09	00:00:00	18.4	28-Jul-09	18:00:00	25.1	7-Sep-09	12:00:00	13.3	18-Oct-09	06:00:00	1.6
18-Jun-09	01:00:00	18.1	28-Jul-09	19:00:00	25.1	7-Sep-09	13:00:00	13.8	18-Oct-09	07:00:00	1.6
18-Jun-09	02:00:00	17.7	28-Jul-09	20:00:00	24.7	7-Sep-09	14:00:00	13.9	18-Oct-09	08:00:00	1.4
18-Jun-09	03:00:00	17.4	28-Jul-09	21:00:00	24.4	7-Sep-09	15:00:00	14.0	18-Oct-09	09:00:00	1.4
18-Jun-09	04:00:00	17.1	28-Jul-09	22:00:00	24.0	7-Sep-09	16:00:00	14.2	18-Oct-09	10:00:00	1.3
18-Jun-09	05:00:00	16.6	28-Jul-09	23:00:00	23.7	7-Sep-09	17:00:00	14.2	18-Oct-09	11:00:00	1.3
18-Jun-09	06:00:00	16.3	29-Jul-09	00:00:00	23.2	7-Sep-09	18:00:00	14.2	18-Oct-09	12:00:00	1.4
18-Jun-09	07:00:00	16.0	29-Jul-09	01:00:00	22.6	7-Sep-09	19:00:00	14.0	18-Oct-09	13:00:00	1.6
18-Jun-09	08:00:00	15.7	29-Jul-09	02:00:00	22.1	7-Sep-09	20:00:00	13.9	18-Oct-09	14:00:00	2.2
18-Jun-09	09:00:00	15.7	29-Jul-09	03:00:00	21.8	7-Sep-09	21:00:00	13.8	18-Oct-09	15:00:00	2.6
18-Jun-09	10:00:00	15.9	29-Jul-09	04:00:00	21.3	7-Sep-09	22:00:00	13.8	18-Oct-09	16:00:00	3.1
18-Jun-09	11:00:00	16.2	29-Jul-09	05:00:00	21.0	7-Sep-09	23:00:00	13.6	18-Oct-09	17:00:00	3.4
18-Jun-09	12:00:00	16.6	29-Jul-09	06:00:00	20.6	8-Sep-09	00:00:00	13.5	18-Oct-09	18:00:00	3.4
18-Jun-09	13:00:00	17.2	29-Jul-09	07:00:00	20.3	8-Sep-09	01:00:00	13.3	18-Oct-09	19:00:00	3.2
18-Jun-09	14:00:00	17.8	29-Jul-09	08:00:00	20.2	8-Sep-09	02:00:00	13.3	18-Oct-09	20:00:00	3.1
18-Jun-09	15:00:00	18.4	29-Jul-09	09:00:00	20.0	8-Sep-09	03:00:00	13.2	18-Oct-09	21:00:00	2.9
18-Jun-09	16:00:00	18.9	29-Jul-09	10:00:00	20.2	8-Sep-09	04:00:00	13.0	18-Oct-09	22:00:00	2.6
18-Jun-09	17:00:00	19.2	29-Jul-09	11:00:00	20.5	8-Sep-09	05:00:00	13.0	18-Oct-09	23:00:00	2.5
18-Jun-09	18:00:00	19.2	29-Jul-09	12:00:00	21.0	8-Sep-09	06:00:00	13.0	19-Oct-09	00:00:00	2.3
18-Jun-09	19:00:00	18.9	29-Jul-09	13:00:00	21.6	8-Sep-09	07:00:00	12.9	19-Oct-09	01:00:00	2.2
18-Jun-09	20:00:00	18.9	29-Jul-09	14:00:00	22.4	8-Sep-09	08:00:00	12.7	19-Oct-09	02:00:00	2.0
18-Jun-09	21:00:00	18.8	29-Jul-09	15:00:00	23.1	8-Sep-09	09:00:00	12.7	19-Oct-09	03:00:00	1.9
18-Jun-09	22:00:00	18.4	29-Jul-09	16:00:00	23.7	8-Sep-09	10:00:00	12.9	19-Oct-09	04:00:00	1.7
18-Jun-09	23:00:00	18.3	29-Jul-09	17:00:00	24.2	8-Sep-09	11:00:00	13.0	19-Oct-09	05:00:00	1.6
19-Jun-09	00:00:00	18.0	29-Jul-09	18:00:00	24.5	8-Sep-09	12:00:00	13.3	19-Oct-09	06:00:00	1.4
19-Jun-09	01:00:00	17.5	29-Jul-09	19:00:00	24.5	8-Sep-09	13:00:00	13.8	19-Oct-09	07:00:00	1.3
19-Jun-09	02:00:00	17.2	29-Jul-09	20:00:00	24.5	8-Sep-09	14:00:00	14.3	19-Oct-09	08:00:00	1.3
19-Jun-09	03:00:00	16.8	29-Jul-09	21:00:00	24.2	8-Sep-09	15:00:00	14.8	19-Oct-09	09:00:00	1.3
19-Jun-09	04:00:00	16.5	29-Jul-09	22:00:00	24.0	8-Sep-09	16:00:00	14.6	19-Oct-09	10:00:00	1.3
19-Jun-09	05:00:00	16.0	29-Jul-09	23:00:00	23.7	8-Sep-09	17:00:00	14.8	19-Oct-09	11:00:00	1.4
19-Jun-09	06:00:00	15.7	30-Jul-09	00:00:00	23.2	8-Sep-09	18:00:00	15.1	19-Oct-09	12:00:00	1.7
19-Jun-09	07:00:00	15.4	30-Jul-09	01:00:00	22.7	8-Sep-09	19:00:00	15.1	19-Oct-09	13:00:00	2.0
19-Jun-09	08:00:00	15.1	30-Jul-09	02:00:00	22.4	8-Sep-09	20:00:00	15.1	19-Oct-09	14:00:00	2.5
19-Jun-09	09:00:00	15.1	30-Jul-09	03:00:00	21.9	8-Sep-09	21:00:00	14.8	19-Oct-09	15:00:00	2.9
19-Jun-09	10:00:00	15.4	30-Jul-09	04:00:00	21.6	8-Sep-09	22:00:00	14.5	19-Oct-09	16:00:00	3.4
19-Jun-09	11:00:00	15.7	30-Jul-09	05:00:00	21.3	8-Sep-09	23:00:00	14.2	19-Oct-09	17:00:00	3.7
19-Jun-09	12:00:00	16.5	30-Jul-09	06:00:00	21.0	9-Sep-09	00:00:00	13.9	19-Oct-09	18:00:00	3.7
19-Jun-09	13:00:00	17.1	30-Jul-09	07:00:00	20.6	9-Sep-09	01:00:00	13.6	19-Oct-09	19:00:00	3.4
19-Jun-09	14:00:00	17.5	30-Jul-09	08:00:00	20.5	9-Sep-09	02:00:00	13.3	19-Oct-09	20:00:00	3.1
19-Jun-09	15:00:00	18.1	30-Jul-09	09:00:00	20.3	9-Sep-09	03:00:00	13.2	19-Oct-09	21:00:00	2.9
19-Jun-09	16:00:00	18.9	30-Jul-09	10:00:00	20.3	9-Sep-09	04:00:00	12.9	19-Oct-09	22:00:00	2.8
19-Jun-09	17:00:00	19.2	30-Jul-09	11:00:00	20.3	9-Sep-09	05:00:00	12.6	19-Oct-09	23:00:00	2.6
19-Jun-09	18:00:00	19.2	30-Jul-09	12:00:00	20.5	9-Sep-09	06:00:00	12.3	20-Oct-09	00:00:00	2.3
19-Jun-09	19:00:00	19.4	30-Jul-09	13:00:00	21.3	9-Sep-09	07:00:00	12.0	20-Oct-09	01:00:00	2.2
19-Jun-09	20:00:00	19.5	30-Jul-09	14:00:00	22.1	9-Sep-09	08:00:00	11.8	20-Oct-09	02:00:00	2.0

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
19-Jun-09	21:00:00	19.2	30-Jul-09	15:00:00	22.7	9-Sep-09	09:00:00	11.7	20-Oct-09	03:00:00	1.9
19-Jun-09	22:00:00	19.1	30-Jul-09	16:00:00	23.4	9-Sep-09	10:00:00	11.7	20-Oct-09	04:00:00	1.9
19-Jun-09	23:00:00	18.8	30-Jul-09	17:00:00	24.0	9-Sep-09	11:00:00	11.7	20-Oct-09	05:00:00	1.7
20-Jun-09	00:00:00	18.3	30-Jul-09	18:00:00	24.5	9-Sep-09	12:00:00	11.8	20-Oct-09	06:00:00	1.7
20-Jun-09	01:00:00	18.0	30-Jul-09	19:00:00	24.5	9-Sep-09	13:00:00	12.1	20-Oct-09	07:00:00	1.6
20-Jun-09	02:00:00	17.7	30-Jul-09	20:00:00	24.5	9-Sep-09	14:00:00	12.3	20-Oct-09	08:00:00	1.6
20-Jun-09	03:00:00	17.2	30-Jul-09	21:00:00	24.4	9-Sep-09	15:00:00	12.6	20-Oct-09	09:00:00	1.6
20-Jun-09	04:00:00	16.9	30-Jul-09	22:00:00	24.0	9-Sep-09	16:00:00	12.9	20-Oct-09	10:00:00	1.6
20-Jun-09	05:00:00	16.8	30-Jul-09	23:00:00	23.9	9-Sep-09	17:00:00	13.0	20-Oct-09	11:00:00	1.6
20-Jun-09	06:00:00	16.5	31-Jul-09	00:00:00	23.4	9-Sep-09	18:00:00	12.9	20-Oct-09	12:00:00	1.7
20-Jun-09	07:00:00	16.2	31-Jul-09	01:00:00	23.1	9-Sep-09	19:00:00	12.9	20-Oct-09	13:00:00	1.9
20-Jun-09	08:00:00	16.0	31-Jul-09	02:00:00	22.6	9-Sep-09	20:00:00	12.9	20-Oct-09	14:00:00	2.0
20-Jun-09	09:00:00	15.9	31-Jul-09	03:00:00	22.2	9-Sep-09	21:00:00	12.9	20-Oct-09	15:00:00	2.3
20-Jun-09	10:00:00	15.7	31-Jul-09	04:00:00	21.8	9-Sep-09	22:00:00	12.7	20-Oct-09	16:00:00	2.5
20-Jun-09	11:00:00	15.9	31-Jul-09	05:00:00	21.4	9-Sep-09	23:00:00	12.7	20-Oct-09	17:00:00	2.6
20-Jun-09	12:00:00	16.3	31-Jul-09	06:00:00	21.1	10-Sep-09	00:00:00	12.6	20-Oct-09	18:00:00	2.6
20-Jun-09	13:00:00	16.8	31-Jul-09	07:00:00	20.8	10-Sep-09	01:00:00	12.6	20-Oct-09	19:00:00	2.6
20-Jun-09	14:00:00	16.9	31-Jul-09	08:00:00	20.6	10-Sep-09	02:00:00	12.6	20-Oct-09	20:00:00	2.6
20-Jun-09	15:00:00	17.4	31-Jul-09	09:00:00	20.6	10-Sep-09	03:00:00	12.6	20-Oct-09	21:00:00	2.6
20-Jun-09	16:00:00	17.8	31-Jul-09	10:00:00	20.8	10-Sep-09	04:00:00	12.3	20-Oct-09	22:00:00	2.6
20-Jun-09	17:00:00	18.1	31-Jul-09	11:00:00	21.1	10-Sep-09	05:00:00	12.3	20-Oct-09	23:00:00	2.6
20-Jun-09	18:00:00	18.4	31-Jul-09	12:00:00	21.6	10-Sep-09	06:00:00	12.3	21-Oct-09	00:00:00	2.6
20-Jun-09	19:00:00	18.4	31-Jul-09	13:00:00	22.2	10-Sep-09	07:00:00	12.1	21-Oct-09	01:00:00	2.5
20-Jun-09	20:00:00	18.3	31-Jul-09	14:00:00	23.1	10-Sep-09	08:00:00	12.1	21-Oct-09	02:00:00	2.5
20-Jun-09	21:00:00	18.1	31-Jul-09	15:00:00	23.7	10-Sep-09	09:00:00	12.1	21-Oct-09	03:00:00	2.5
20-Jun-09	22:00:00	17.5	31-Jul-09	16:00:00	24.4	10-Sep-09	10:00:00	12.1	21-Oct-09	04:00:00	2.5
20-Jun-09	23:00:00	17.2	31-Jul-09	17:00:00	25.1	10-Sep-09	11:00:00	12.4	21-Oct-09	05:00:00	2.5
21-Jun-09	00:00:00	16.9	31-Jul-09	18:00:00	25.4	10-Sep-09	12:00:00	12.9	21-Oct-09	06:00:00	2.3
21-Jun-09	01:00:00	16.6	31-Jul-09	19:00:00	25.6	10-Sep-09	13:00:00	13.6	21-Oct-09	07:00:00	2.5
21-Jun-09	02:00:00	16.2	31-Jul-09	20:00:00	25.6	10-Sep-09	14:00:00	14.3	21-Oct-09	08:00:00	2.5
21-Jun-09	03:00:00	15.7	31-Jul-09	21:00:00	25.6	10-Sep-09	15:00:00	14.8	21-Oct-09	09:00:00	2.5
21-Jun-09	04:00:00	15.4	31-Jul-09	22:00:00	25.2	10-Sep-09	16:00:00	15.2	21-Oct-09	10:00:00	2.3
21-Jun-09	05:00:00	14.9	31-Jul-09	23:00:00	25.1	10-Sep-09	17:00:00	15.5	21-Oct-09	11:00:00	2.5
21-Jun-09	06:00:00	14.5	1-Aug-09	00:00:00	24.7	10-Sep-09	18:00:00	15.5	21-Oct-09	12:00:00	2.5
21-Jun-09	07:00:00	14.2	1-Aug-09	01:00:00	24.2	10-Sep-09	19:00:00	15.4	21-Oct-09	13:00:00	2.6
21-Jun-09	08:00:00	14.0	1-Aug-09	02:00:00	23.9	10-Sep-09	20:00:00	15.1	21-Oct-09	14:00:00	2.6
21-Jun-09	09:00:00	14.0	1-Aug-09	03:00:00	23.4	10-Sep-09	21:00:00	14.8	21-Oct-09	15:00:00	2.8
21-Jun-09	10:00:00	14.2	1-Aug-09	04:00:00	23.1	10-Sep-09	22:00:00	14.5	21-Oct-09	16:00:00	2.8
21-Jun-09	11:00:00	14.6	1-Aug-09	05:00:00	22.6	10-Sep-09	23:00:00	14.2	21-Oct-09	17:00:00	2.9
21-Jun-09	12:00:00	15.2	1-Aug-09	06:00:00	22.2	11-Sep-09	00:00:00	13.8	21-Oct-09	18:00:00	2.9
21-Jun-09	13:00:00	15.9	1-Aug-09	07:00:00	21.9	11-Sep-09	01:00:00	13.5	21-Oct-09	19:00:00	2.9
21-Jun-09	14:00:00	16.5	1-Aug-09	08:00:00	21.8	11-Sep-09	02:00:00	13.3	21-Oct-09	20:00:00	2.9
21-Jun-09	15:00:00	17.1	1-Aug-09	09:00:00	21.6	11-Sep-09	03:00:00	13.0	21-Oct-09	21:00:00	2.9
21-Jun-09	16:00:00	17.5	1-Aug-09	10:00:00	21.8	11-Sep-09	04:00:00	12.9	21-Oct-09	22:00:00	2.9
21-Jun-09	17:00:00	18.0	1-Aug-09	11:00:00	22.1	11-Sep-09	05:00:00	12.6	21-Oct-09	23:00:00	2.8
21-Jun-09	18:00:00	18.1	1-Aug-09	12:00:00	22.4	11-Sep-09	06:00:00	12.4	22-Oct-09	00:00:00	2.8
21-Jun-09	19:00:00	18.1	1-Aug-09	13:00:00	23.1	11-Sep-09	07:00:00	12.3	22-Oct-09	01:00:00	2.8
21-Jun-09	20:00:00	18.4	1-Aug-09	14:00:00	23.6	11-Sep-09	08:00:00	12.1	22-Oct-09	02:00:00	2.6
21-Jun-09	21:00:00	18.1	1-Aug-09	15:00:00	24.0	11-Sep-09	09:00:00	12.1	22-Oct-09	03:00:00	2.5
21-Jun-09	22:00:00	17.8	1-Aug-09	16:00:00	24.5	11-Sep-09	10:00:00	12.1	22-Oct-09	04:00:00	2.5
21-Jun-09	23:00:00	17.4	1-Aug-09	17:00:00	24.9	11-Sep-09	11:00:00	12.4	22-Oct-09	05:00:00	2.3
22-Jun-09	00:00:00	16.9	1-Aug-09	18:00:00	25.2	11-Sep-09	12:00:00	12.7	22-Oct-09	06:00:00	2.3
22-Jun-09	01:00:00	16.5	1-Aug-09	19:00:00	25.2	11-Sep-09	13:00:00	13.5	22-Oct-09	07:00:00	2.3
22-Jun-09	02:00:00	16.2	1-Aug-09	20:00:00	25.2	11-Sep-09	14:00:00	14.2	22-Oct-09	08:00:00	2.2
22-Jun-09	03:00:00	15.7	1-Aug-09	21:00:00	25.1	11-Sep-09	15:00:00	15.1	22-Oct-09	09:00:00	2.0
22-Jun-09	04:00:00	15.2	1-Aug-09	22:00:00	24.7	11-Sep-09	16:00:00	15.4	22-Oct-09	10:00:00	1.9
22-Jun-09	05:00:00	14.8	1-Aug-09	23:00:00	24.5	11-Sep-09	17:00:00	15.9	22-Oct-09	11:00:00	1.9
22-Jun-09	06:00:00	14.5	2-Aug-09	00:00:00	24.2	11-Sep-09	18:00:00	16.3	22-Oct-09	12:00:00	1.9
22-Jun-09	07:00:00	14.0	2-Aug-09	01:00:00	23.9	11-Sep-09	19:00:00	16.3	22-Oct-09	13:00:00	2.0

Appendix C Table C2. Temperature data collected on the Moberly River, Site C Tributaries fall fish study 2009.

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
22-Jun-09	08:00:00	13.9	2-Aug-09	02:00:00	23.6	11-Sep-09	20:00:00	15.9	22-Oct-09	14:00:00	2.3
22-Jun-09	09:00:00	13.8	2-Aug-09	03:00:00	23.1	11-Sep-09	21:00:00	15.7	22-Oct-09	15:00:00	2.8
22-Jun-09	10:00:00	13.9	2-Aug-09	04:00:00	22.7	11-Sep-09	22:00:00	15.5	22-Oct-09	16:00:00	3.4
22-Jun-09	11:00:00	14.3	2-Aug-09	05:00:00	22.4	11-Sep-09	23:00:00	15.2	22-Oct-09	17:00:00	3.7
22-Jun-09	12:00:00	14.8	2-Aug-09	06:00:00	22.1	12-Sep-09	00:00:00	15.1	22-Oct-09	18:00:00	3.7
22-Jun-09	13:00:00	15.4	2-Aug-09	07:00:00	21.8	12-Sep-09	01:00:00	14.8	22-Oct-09	19:00:00	3.4
22-Jun-09	14:00:00	16.0	2-Aug-09	08:00:00	21.6	12-Sep-09	02:00:00	14.5	22-Oct-09	20:00:00	3.1
22-Jun-09	15:00:00	16.8	2-Aug-09	09:00:00	21.6	12-Sep-09	03:00:00	14.3	22-Oct-09	21:00:00	2.9
22-Jun-09	16:00:00	17.4	2-Aug-09	10:00:00	21.6	12-Sep-09	04:00:00	14.0	22-Oct-09	22:00:00	2.8
22-Jun-09	17:00:00	17.7	2-Aug-09	11:00:00	21.8	12-Sep-09	05:00:00	13.8	22-Oct-09	23:00:00	2.6
22-Jun-09	18:00:00	18.1	2-Aug-09	12:00:00	21.9	12-Sep-09	06:00:00	13.6	23-Oct-09	00:00:00	2.5
22-Jun-09	19:00:00	18.3	2-Aug-09	13:00:00	22.4	12-Sep-09	07:00:00	13.3	23-Oct-09	01:00:00	2.5
22-Jun-09	20:00:00	18.3	2-Aug-09	14:00:00	22.7	12-Sep-09	08:00:00	13.0	23-Oct-09	02:00:00	2.3
22-Jun-09	21:00:00	18.3	2-Aug-09	15:00:00	22.7	12-Sep-09	09:00:00	13.0	23-Oct-09	03:00:00	2.2
22-Jun-09	22:00:00	18.1	2-Aug-09	16:00:00	22.9	12-Sep-09	10:00:00	13.0	23-Oct-09	04:00:00	2.2
22-Jun-09	23:00:00	18.0	2-Aug-09	17:00:00	22.7	12-Sep-09	11:00:00	13.2	23-Oct-09	05:00:00	2.0
23-Jun-09	00:00:00	17.5	2-Aug-09	18:00:00	22.6	12-Sep-09	12:00:00	13.5	23-Oct-09	06:00:00	2.0
23-Jun-09	01:00:00	17.2	2-Aug-09	19:00:00	22.6	12-Sep-09	13:00:00	14.0	23-Oct-09	07:00:00	2.2
23-Jun-09	02:00:00	16.8	2-Aug-09	20:00:00	22.4	12-Sep-09	14:00:00	14.9	23-Oct-09	08:00:00	2.2
23-Jun-09	03:00:00	16.5	2-Aug-09	21:00:00	22.1	12-Sep-09	15:00:00	15.7	23-Oct-09	09:00:00	2.2
23-Jun-09	04:00:00	16.2	2-Aug-09	22:00:00	21.9	12-Sep-09	16:00:00	16.5	23-Oct-09	10:00:00	2.2
23-Jun-09	05:00:00	15.7	2-Aug-09	23:00:00	21.6	12-Sep-09	17:00:00	16.9	23-Oct-09	11:00:00	2.3
23-Jun-09	06:00:00	15.2	3-Aug-09	00:00:00	21.3	12-Sep-09	18:00:00	17.2	23-Oct-09	12:00:00	2.5
23-Jun-09	07:00:00	14.9	3-Aug-09	01:00:00	21.0	12-Sep-09	19:00:00	17.2	23-Oct-09	13:00:00	2.8
23-Jun-09	08:00:00	14.8	3-Aug-09	02:00:00	20.6	12-Sep-09	20:00:00	16.9	23-Oct-09	14:00:00	3.2
23-Jun-09	09:00:00	14.8	3-Aug-09	03:00:00	20.5	12-Sep-09	21:00:00	16.5	23-Oct-09	15:00:00	4.0
23-Jun-09	10:00:00	14.9	3-Aug-09	04:00:00	20.2	12-Sep-09	22:00:00	16.2	23-Oct-09	16:00:00	4.3
23-Jun-09	11:00:00	15.4	3-Aug-09	05:00:00	19.9	12-Sep-09	23:00:00	15.7	23-Oct-09	17:00:00	4.6
23-Jun-09	12:00:00	16.0	3-Aug-09	06:00:00	19.7	13-Sep-09	00:00:00	15.5	23-Oct-09	18:00:00	4.6
23-Jun-09	13:00:00	16.6	3-Aug-09	07:00:00	19.4	13-Sep-09	01:00:00	15.2	23-Oct-09	19:00:00	4.6
23-Jun-09	14:00:00	17.2	3-Aug-09	08:00:00	19.2	13-Sep-09	02:00:00	14.9	23-Oct-09	20:00:00	4.3
23-Jun-09	15:00:00	17.8	3-Aug-09	09:00:00	19.1	13-Sep-09	03:00:00	14.6	23-Oct-09	21:00:00	4.0
23-Jun-09	16:00:00	18.3	3-Aug-09	10:00:00	18.9	13-Sep-09	04:00:00	14.5	23-Oct-09	22:00:00	3.8
23-Jun-09	17:00:00	18.9	3-Aug-09	11:00:00	18.9	13-Sep-09	05:00:00	14.2	23-Oct-09	23:00:00	3.8

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
10-Jan-08	3:00:00	11.0	18-Nov-08	15:00:00	6.3	20-Feb-09	9:00:00	0.9	22-May-09	3:00:00	3.7
10-Jan-08	9:00:00	10.9	18-Nov-08	21:00:00	6.2	20-Feb-09	15:00:00	1.2	22-May-09	9:00:00	3.3
10-Jan-08	15:00:00	11.5	19-Nov-08	3:00:00	6.0	20-Feb-09	21:00:00	1.4	22-May-09	15:00:00	4.8
10-Jan-08	21:00:00	11.8	19-Nov-08	9:00:00	5.8	21-Feb-09	3:00:00	1.0	22-May-09	21:00:00	5.3
11-Jan-08	3:00:00	8.7	19-Nov-08	15:00:00	5.7	21-Feb-09	9:00:00	1.0	23-May-09	3:00:00	4.3
11-Jan-08	9:00:00	8.6	19-Nov-08	21:00:00	5.7	21-Feb-09	15:00:00	1.2	23-May-09	9:00:00	3.7
11-Jan-08	15:00:00	8.7	20-Nov-08	3:00:00	5.6	21-Feb-09	21:00:00	1.3	23-May-09	15:00:00	4.9
11-Jan-08	21:00:00	8.9	20-Nov-08	9:00:00	5.6	22-Feb-09	3:00:00	1.0	23-May-09	21:00:00	5.8
12-Jan-08	3:00:00	5.6	20-Nov-08	15:00:00	5.8	22-Feb-09	9:00:00	1.1	24-May-09	3:00:00	4.7
12-Jan-08	9:00:00	5.5	20-Nov-08	21:00:00	5.7	22-Feb-09	15:00:00	1.1	24-May-09	9:00:00	3.9
12-Jan-08	15:00:00	5.4	21-Nov-08	3:00:00	5.7	22-Feb-09	21:00:00	0.9	24-May-09	15:00:00	4.8
12-Jan-08	21:00:00	5.5	21-Nov-08	9:00:00	5.4	23-Feb-09	3:00:00	0.7	24-May-09	21:00:00	4.8
10-Feb-08	3:00:00	11.3	21-Nov-08	15:00:00	5.5	23-Feb-09	9:00:00	0.6	25-May-09	3:00:00	4.3
10-Feb-08	9:00:00	11.2	21-Nov-08	21:00:00	5.5	23-Feb-09	15:00:00	0.9	25-May-09	9:00:00	3.9
10-Feb-08	15:00:00	11.8	22-Nov-08	3:00:00	5.4	23-Feb-09	21:00:00	0.9	25-May-09	15:00:00	5.3
10-Feb-08	21:00:00	12.1	22-Nov-08	9:00:00	5.4	24-Feb-09	3:00:00	0.6	25-May-09	21:00:00	5.5
11-Feb-08	3:00:00	8.8	22-Nov-08	15:00:00	5.6	24-Feb-09	9:00:00	0.7	26-May-09	3:00:00	4.5
11-Feb-08	9:00:00	8.8	22-Nov-08	21:00:00	5.7	24-Feb-09	15:00:00	0.7	26-May-09	9:00:00	4.2
11-Feb-08	15:00:00	8.9	23-Nov-08	3:00:00	5.5	24-Feb-09	21:00:00	0.4	26-May-09	15:00:00	4.5
11-Feb-08	21:00:00	8.9	23-Nov-08	9:00:00	5.3	25-Feb-09	3:00:00	0.2	26-May-09	21:00:00	4.6
12-Feb-08	3:00:00	5.4	23-Nov-08	15:00:00	5.6	25-Feb-09	9:00:00	0.2	27-May-09	3:00:00	4.1
12-Feb-08	9:00:00	5.3	23-Nov-08	21:00:00	5.7	25-Feb-09	15:00:00	0.5	27-May-09	9:00:00	4.0
12-Feb-08	15:00:00	5.4	24-Nov-08	3:00:00	5.6	25-Feb-09	21:00:00	0.6	27-May-09	15:00:00	4.2
12-Feb-08	21:00:00	5.3	24-Nov-08	9:00:00	5.7	26-Feb-09	3:00:00	0.3	27-May-09	21:00:00	4.4
10-Mar-08	3:00:00	12.1	24-Nov-08	15:00:00	5.8	26-Feb-09	9:00:00	0.2	28-May-09	3:00:00	4.0
10-Mar-08	9:00:00	12.0	24-Nov-08	21:00:00	5.8	26-Feb-09	15:00:00	0.6	28-May-09	9:00:00	3.8
10-Mar-08	15:00:00	12.6	25-Nov-08	3:00:00	5.8	26-Feb-09	21:00:00	0.8	28-May-09	15:00:00	5.3
10-Mar-08	21:00:00	12.5	25-Nov-08	9:00:00	5.8	27-Feb-09	3:00:00	0.6	28-May-09	21:00:00	5.6
11-Mar-08	3:00:00	8.8	25-Nov-08	15:00:00	5.9	27-Feb-09	9:00:00	0.6	29-May-09	3:00:00	4.5
11-Mar-08	9:00:00	8.7	25-Nov-08	21:00:00	5.8	27-Feb-09	15:00:00	0.9	29-May-09	9:00:00	4.1
11-Mar-08	15:00:00	8.7	26-Nov-08	3:00:00	5.6	27-Feb-09	21:00:00	1.1	29-May-09	15:00:00	5.2
11-Mar-08	21:00:00	8.6	26-Nov-08	9:00:00	5.6	28-Feb-09	3:00:00	0.8	29-May-09	21:00:00	5.6
12-Mar-08	3:00:00	5.2	26-Nov-08	15:00:00	5.7	28-Feb-09	9:00:00	0.7	30-May-09	3:00:00	4.7
12-Mar-08	9:00:00	5.1	26-Nov-08	21:00:00	5.6	28-Feb-09	15:00:00	1.0	30-May-09	9:00:00	4.3
12-Mar-08	15:00:00	5.1	27-Nov-08	3:00:00	5.5	28-Feb-09	21:00:00	1.1	30-May-09	15:00:00	5.7
12-Mar-08	21:00:00	5.0	27-Nov-08	9:00:00	5.5	1-Mar-09	3:00:00	1.4	30-May-09	21:00:00	6.2
10-Apr-08	3:00:00	12.2	27-Nov-08	15:00:00	5.6	1-Mar-09	9:00:00	1.3	31-May-09	3:00:00	5.3
10-Apr-08	9:00:00	12.1	27-Nov-08	21:00:00	5.6	1-Mar-09	15:00:00	1.3	31-May-09	9:00:00	4.6
10-Apr-08	15:00:00	12.2	28-Nov-08	3:00:00	5.5	1-Mar-09	21:00:00	1.2	31-May-09	15:00:00	5.3
10-Apr-08	21:00:00	12.3	28-Nov-08	9:00:00	5.5	2-Mar-09	3:00:00	1.3	31-May-09	21:00:00	6.3
11-Apr-08	3:00:00	8.3	28-Nov-08	15:00:00	5.6	2-Mar-09	9:00:00	1.2	1-Jun-09	3:00:00	0.1
11-Apr-08	9:00:00	8.2	28-Nov-08	21:00:00	5.7	2-Mar-09	15:00:00	1.4	1-Jun-09	9:00:00	0.1
11-Apr-08	15:00:00	8.3	29-Nov-08	3:00:00	5.6	2-Mar-09	21:00:00	1.6	1-Jun-09	15:00:00	0.1
11-Apr-08	21:00:00	8.3	29-Nov-08	9:00:00	5.5	3-Mar-09	3:00:00	1.1	1-Jun-09	21:00:00	0.0
12-Apr-08	3:00:00	4.8	29-Nov-08	15:00:00	5.6	3-Mar-09	9:00:00	1.0	2-Jun-09	3:00:00	1.2
12-Apr-08	9:00:00	4.8	29-Nov-08	21:00:00	5.6	3-Mar-09	15:00:00	1.4	2-Jun-09	9:00:00	1.0
12-Apr-08	15:00:00	5.2	30-Nov-08	3:00:00	5.4	3-Mar-09	21:00:00	1.5	2-Jun-09	15:00:00	1.1
12-Apr-08	21:00:00	5.2	30-Nov-08	9:00:00	5.4	4-Mar-09	3:00:00	1.6	2-Jun-09	21:00:00	1.2
10-May-08	3:00:00	11.9	30-Nov-08	15:00:00	5.5	4-Mar-09	9:00:00	1.5	3-Jun-09	3:00:00	0.8
10-May-08	9:00:00	11.7	30-Nov-08	21:00:00	5.6	4-Mar-09	15:00:00	2.2	3-Jun-09	9:00:00	0.7
10-May-08	15:00:00	11.8	9-Dec-08	3:00:00	11.4	4-Mar-09	21:00:00	2.3	3-Jun-09	15:00:00	1.2
10-May-08	21:00:00	11.5	9-Dec-08	9:00:00	11.1	5-Mar-09	3:00:00	3.3	3-Jun-09	21:00:00	1.5
11-May-08	3:00:00	8.0	9-Dec-08	15:00:00	11.9	5-Mar-09	9:00:00	2.8	4-Jun-09	3:00:00	1.8
11-May-08	9:00:00	7.7	9-Dec-08	21:00:00	12.2	5-Mar-09	15:00:00	4.1	4-Jun-09	9:00:00	1.6
11-May-08	15:00:00	8.0	10-Dec-08	3:00:00	10.4	5-Mar-09	21:00:00	4.4	4-Jun-09	15:00:00	2.5
11-May-08	21:00:00	8.0	10-Dec-08	9:00:00	10.2	6-Mar-09	3:00:00	5.4	4-Jun-09	21:00:00	2.4
12-May-08	3:00:00	5.2	10-Dec-08	15:00:00	10.7	6-Mar-09	9:00:00	4.7	5-Jun-09	3:00:00	3.5
12-May-08	9:00:00	5.2	10-Dec-08	21:00:00	10.6	6-Mar-09	15:00:00	6.2	5-Jun-09	9:00:00	3.1
12-May-08	15:00:00	5.3	11-Dec-08	3:00:00	6.4	6-Mar-09	21:00:00	6.7	5-Jun-09	15:00:00	4.0

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
12-May-08	21:00:00	5.3	11-Dec-08	9:00:00	6.5	7-Mar-09	3:00:00	9.8	5-Jun-09	21:00:00	4.1
10-Jun-08	3:00:00	11.0	11-Dec-08	15:00:00	6.6	7-Mar-09	9:00:00	9.6	6-Jun-09	3:00:00	5.7
10-Jun-08	9:00:00	10.6	11-Dec-08	21:00:00	6.7	7-Mar-09	15:00:00	10.7	6-Jun-09	9:00:00	5.1
10-Jun-08	15:00:00	11.0	12-Dec-08	3:00:00	4.6	7-Mar-09	21:00:00	11.4	6-Jun-09	15:00:00	6.7
10-Jun-08	21:00:00	11.1	12-Dec-08	9:00:00	4.5	13-Mar-09	3:00:00	1.4	6-Jun-09	21:00:00	7.6
11-Jun-08	3:00:00	7.8	12-Dec-08	15:00:00	4.2	13-Mar-09	9:00:00	1.3	7-Jun-09	3:00:00	10.4
11-Jun-08	9:00:00	7.6	12-Dec-08	21:00:00	3.9	13-Mar-09	15:00:00	1.8	7-Jun-09	9:00:00	9.7
11-Jun-08	15:00:00	7.5	13-Dec-08	3:00:00	3.8	13-Mar-09	21:00:00	1.8	7-Jun-09	15:00:00	9.6
11-Jun-08	21:00:00	7.6	13-Dec-08	9:00:00	3.7	14-Mar-09	3:00:00	1.3	7-Jun-09	21:00:00	9.5
12-Jun-08	3:00:00	5.2	13-Dec-08	15:00:00	3.6	14-Mar-09	9:00:00	1.1	13-Jun-09	3:00:00	7.8
12-Jun-08	9:00:00	5.1	13-Dec-08	21:00:00	3.6	14-Mar-09	15:00:00	1.5	13-Jun-09	9:00:00	6.8
12-Jun-08	15:00:00	5.1	14-Dec-08	3:00:00	3.6	14-Mar-09	21:00:00	1.6	13-Jun-09	15:00:00	8.2
12-Jun-08	21:00:00	5.1	14-Dec-08	9:00:00	3.5	15-Mar-09	3:00:00	1.1	13-Jun-09	21:00:00	8.8
10-Jul-08	3:00:00	10.6	14-Dec-08	15:00:00	3.6	15-Mar-09	9:00:00	0.9	14-Jun-09	3:00:00	7.4
10-Jul-08	9:00:00	10.3	14-Dec-08	21:00:00	3.6	15-Mar-09	15:00:00	1.2	14-Jun-09	9:00:00	6.7
10-Jul-08	15:00:00	10.3	15-Dec-08	3:00:00	3.5	15-Mar-09	21:00:00	1.1	14-Jun-09	15:00:00	8.2
10-Jul-08	21:00:00	10.3	15-Dec-08	9:00:00	3.4	16-Mar-09	3:00:00	0.8	14-Jun-09	21:00:00	8.8
11-Jul-08	3:00:00	7.6	15-Dec-08	15:00:00	3.3	16-Mar-09	9:00:00	0.7	15-Jun-09	3:00:00	8.1
11-Jul-08	9:00:00	7.3	15-Dec-08	21:00:00	3.4	16-Mar-09	15:00:00	1.1	15-Jun-09	9:00:00	7.0
11-Jul-08	15:00:00	7.4	16-Dec-08	3:00:00	3.4	16-Mar-09	21:00:00	1.2	15-Jun-09	15:00:00	7.9
11-Jul-08	21:00:00	7.6	16-Dec-08	9:00:00	3.4	17-Mar-09	3:00:00	0.6	15-Jun-09	21:00:00	8.2
12-Jul-08	3:00:00	5.0	16-Dec-08	15:00:00	3.5	17-Mar-09	9:00:00	0.5	16-Jun-09	3:00:00	7.1
12-Jul-08	9:00:00	4.9	16-Dec-08	21:00:00	3.6	17-Mar-09	15:00:00	1.0	16-Jun-09	9:00:00	6.8
12-Jul-08	15:00:00	4.7	17-Dec-08	3:00:00	3.6	17-Mar-09	21:00:00	1.2	16-Jun-09	15:00:00	8.4
12-Jul-08	21:00:00	4.6	17-Dec-08	9:00:00	3.5	18-Mar-09	3:00:00	0.6	16-Jun-09	21:00:00	8.9
10-Aug-08	3:00:00	10.3	17-Dec-08	15:00:00	3.3	18-Mar-09	9:00:00	0.5	17-Jun-09	3:00:00	7.8
10-Aug-08	9:00:00	10.1	17-Dec-08	21:00:00	3.2	18-Mar-09	15:00:00	1.1	17-Jun-09	9:00:00	6.9
10-Aug-08	15:00:00	10.7	18-Dec-08	3:00:00	3.1	18-Mar-09	21:00:00	1.4	17-Jun-09	15:00:00	8.6
10-Aug-08	21:00:00	10.7	18-Dec-08	9:00:00	3.0	19-Mar-09	3:00:00	0.9	17-Jun-09	21:00:00	9.8
11-Aug-08	3:00:00	7.4	18-Dec-08	15:00:00	3.0	19-Mar-09	9:00:00	0.8	18-Jun-09	3:00:00	8.9
11-Aug-08	9:00:00	7.4	18-Dec-08	21:00:00	3.0	19-Mar-09	15:00:00	1.4	18-Jun-09	9:00:00	7.7
11-Aug-08	15:00:00	7.5	19-Dec-08	3:00:00	2.8	19-Mar-09	21:00:00	1.7	18-Jun-09	15:00:00	8.9
11-Aug-08	21:00:00	7.6	19-Dec-08	9:00:00	2.7	20-Mar-09	3:00:00	1.2	18-Jun-09	21:00:00	9.8
12-Aug-08	3:00:00	4.5	19-Dec-08	15:00:00	2.8	20-Mar-09	9:00:00	0.9	19-Jun-09	3:00:00	8.6
12-Aug-08	9:00:00	4.4	19-Dec-08	21:00:00	2.8	20-Mar-09	15:00:00	1.0	19-Jun-09	9:00:00	7.6
12-Aug-08	15:00:00	4.3	20-Dec-08	3:00:00	2.6	20-Mar-09	21:00:00	1.0	19-Jun-09	15:00:00	8.9
12-Aug-08	21:00:00	4.2	20-Dec-08	9:00:00	2.4	21-Mar-09	3:00:00	0.9	19-Jun-09	21:00:00	9.7
10-Sep-08	3:00:00	10.4	20-Dec-08	15:00:00	2.5	21-Mar-09	9:00:00	0.7	20-Jun-09	3:00:00	9.2
10-Sep-08	9:00:00	10.2	20-Dec-08	21:00:00	2.5	21-Mar-09	15:00:00	1.3	20-Jun-09	9:00:00	7.9
10-Sep-08	15:00:00	10.8	21-Dec-08	3:00:00	2.3	21-Mar-09	21:00:00	1.5	20-Jun-09	15:00:00	8.9
10-Sep-08	21:00:00	10.9	21-Dec-08	9:00:00	2.2	22-Mar-09	3:00:00	1.0	20-Jun-09	21:00:00	9.4
11-Sep-08	3:00:00	7.5	21-Dec-08	15:00:00	2.2	22-Mar-09	9:00:00	0.9	21-Jun-09	3:00:00	9.0
11-Sep-08	9:00:00	7.4	21-Dec-08	21:00:00	2.3	22-Mar-09	15:00:00	1.3	21-Jun-09	9:00:00	8.4
11-Sep-08	15:00:00	7.1	22-Dec-08	3:00:00	2.2	22-Mar-09	21:00:00	1.5	21-Jun-09	15:00:00	9.5
11-Sep-08	21:00:00	7.0	22-Dec-08	9:00:00	2.0	23-Mar-09	3:00:00	1.2	21-Jun-09	21:00:00	10.1
12-Sep-08	3:00:00	4.0	22-Dec-08	15:00:00	2.0	23-Mar-09	9:00:00	1.2	22-Jun-09	3:00:00	9.5
12-Sep-08	9:00:00	3.9	22-Dec-08	21:00:00	2.1	23-Mar-09	15:00:00	1.8	22-Jun-09	9:00:00	8.2
12-Sep-08	15:00:00	4.1	23-Dec-08	3:00:00	2.0	23-Mar-09	21:00:00	1.9	22-Jun-09	15:00:00	9.5
12-Sep-08	21:00:00	4.2	23-Dec-08	9:00:00	2.0	24-Mar-09	3:00:00	1.4	22-Jun-09	21:00:00	10.3
13-Sep-08	3:00:00	11.7	23-Dec-08	15:00:00	2.0	24-Mar-09	9:00:00	1.5	23-Jun-09	3:00:00	9.0
13-Sep-08	9:00:00	11.5	23-Dec-08	21:00:00	2.0	24-Mar-09	15:00:00	1.9	23-Jun-09	9:00:00	8.2
13-Sep-08	15:00:00	12.5	24-Dec-08	3:00:00	2.0	24-Mar-09	21:00:00	1.7	23-Jun-09	15:00:00	9.7
13-Sep-08	21:00:00	12.9	24-Dec-08	9:00:00	2.1	25-Mar-09	3:00:00	1.3	23-Jun-09	21:00:00	10.7
14-Sep-08	3:00:00	12.3	24-Dec-08	15:00:00	2.3	25-Mar-09	9:00:00	1.1	24-Jun-09	3:00:00	9.0
14-Sep-08	9:00:00	12.0	24-Dec-08	21:00:00	2.3	25-Mar-09	15:00:00	1.6	24-Jun-09	9:00:00	8.4
14-Sep-08	15:00:00	12.7	25-Dec-08	3:00:00	2.2	25-Mar-09	21:00:00	1.8	24-Jun-09	15:00:00	10.1
14-Sep-08	21:00:00	13.0	25-Dec-08	9:00:00	2.2	26-Mar-09	3:00:00	1.1	24-Jun-09	21:00:00	10.3
15-Sep-08	3:00:00	12.6	25-Dec-08	15:00:00	2.2	26-Mar-09	9:00:00	0.9	25-Jun-09	3:00:00	9.2
15-Sep-08	9:00:00	12.3	25-Dec-08	21:00:00	2.2	26-Mar-09	15:00:00	1.3	25-Jun-09	9:00:00	8.6

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
15-Sep-08	15:00:00	13.2	26-Dec-08	3:00:00	2.0	26-Mar-09	21:00:00	1.7	25-Jun-09	15:00:00	9.7
15-Sep-08	21:00:00	13.3	26-Dec-08	9:00:00	1.8	27-Mar-09	3:00:00	1.4	25-Jun-09	21:00:00	10.3
16-Sep-08	3:00:00	12.6	26-Dec-08	15:00:00	1.7	27-Mar-09	9:00:00	1.3	26-Jun-09	3:00:00	9.7
16-Sep-08	9:00:00	12.2	26-Dec-08	21:00:00	1.9	27-Mar-09	15:00:00	1.9	26-Jun-09	9:00:00	9.2
16-Sep-08	15:00:00	12.8	27-Dec-08	3:00:00	1.9	27-Mar-09	21:00:00	1.8	26-Jun-09	15:00:00	9.4
16-Sep-08	21:00:00	13.0	27-Dec-08	9:00:00	1.8	28-Mar-09	3:00:00	1.4	26-Jun-09	21:00:00	9.6
17-Sep-08	3:00:00	12.3	27-Dec-08	15:00:00	1.6	28-Mar-09	9:00:00	1.2	27-Jun-09	3:00:00	9.0
17-Sep-08	9:00:00	12.2	27-Dec-08	21:00:00	1.5	28-Mar-09	15:00:00	2.0	27-Jun-09	9:00:00	8.5
17-Sep-08	15:00:00	12.8	28-Dec-08	3:00:00	1.3	28-Mar-09	21:00:00	2.2	27-Jun-09	15:00:00	8.9
17-Sep-08	21:00:00	12.9	28-Dec-08	9:00:00	1.2	29-Mar-09	3:00:00	1.4	27-Jun-09	21:00:00	9.6
18-Sep-08	3:00:00	12.4	28-Dec-08	15:00:00	1.1	29-Mar-09	9:00:00	1.2	28-Jun-09	3:00:00	8.9
18-Sep-08	9:00:00	12.2	28-Dec-08	21:00:00	1.1	29-Mar-09	15:00:00	2.0	28-Jun-09	9:00:00	8.6
18-Sep-08	15:00:00	12.9	29-Dec-08	3:00:00	1.1	29-Mar-09	21:00:00	2.2	28-Jun-09	15:00:00	9.8
18-Sep-08	21:00:00	13.0	29-Dec-08	9:00:00	1.0	30-Mar-09	3:00:00	1.5	28-Jun-09	21:00:00	9.9
19-Sep-08	3:00:00	12.3	29-Dec-08	15:00:00	1.2	30-Mar-09	9:00:00	1.4	29-Jun-09	3:00:00	9.1
19-Sep-08	9:00:00	12.0	29-Dec-08	21:00:00	1.1	30-Mar-09	15:00:00	2.0	29-Jun-09	9:00:00	8.7
19-Sep-08	15:00:00	12.6	30-Dec-08	3:00:00	1.1	30-Mar-09	21:00:00	2.1	29-Jun-09	15:00:00	10.3
19-Sep-08	21:00:00	12.7	30-Dec-08	9:00:00	1.1	31-Mar-09	3:00:00	1.5	29-Jun-09	21:00:00	10.2
20-Sep-08	3:00:00	12.1	30-Dec-08	15:00:00	1.3	31-Mar-09	9:00:00	1.2	30-Jun-09	3:00:00	9.5
20-Sep-08	9:00:00	12.0	30-Dec-08	21:00:00	1.5	31-Mar-09	15:00:00	2.0	30-Jun-09	9:00:00	9.1
20-Sep-08	15:00:00	12.8	31-Dec-08	3:00:00	1.5	31-Mar-09	21:00:00	2.2	30-Jun-09	15:00:00	9.5
20-Sep-08	21:00:00	12.9	31-Dec-08	9:00:00	1.5	1-Apr-09	3:00:00	1.0	30-Jun-09	21:00:00	9.8
21-Sep-08	3:00:00	12.4	31-Dec-08	15:00:00	1.7	1-Apr-09	9:00:00	0.9	1-Jul-09	3:00:00	0.0
21-Sep-08	9:00:00	12.2	31-Dec-08	21:00:00	1.7	1-Apr-09	15:00:00	1.0	1-Jul-09	9:00:00	0.0
21-Sep-08	15:00:00	12.3	1-Jan-09	3:00:00	1.6	1-Apr-09	21:00:00	1.1	1-Jul-09	15:00:00	0.2
21-Sep-08	21:00:00	12.3	1-Jan-09	9:00:00	1.6	2-Apr-09	3:00:00	1.5	1-Jul-09	21:00:00	0.3
22-Sep-08	3:00:00	11.8	1-Jan-09	15:00:00	1.7	2-Apr-09	9:00:00	1.3	2-Jul-09	3:00:00	1.2
22-Sep-08	9:00:00	11.7	1-Jan-09	21:00:00	1.7	2-Apr-09	15:00:00	1.5	2-Jul-09	9:00:00	1.3
22-Sep-08	15:00:00	12.0	2-Jan-09	3:00:00	1.0	2-Apr-09	21:00:00	1.5	2-Jul-09	15:00:00	1.5
22-Sep-08	21:00:00	12.0	2-Jan-09	9:00:00	0.9	3-Apr-09	3:00:00	1.2	2-Jul-09	21:00:00	1.5
23-Sep-08	3:00:00	11.5	2-Jan-09	15:00:00	1.2	3-Apr-09	9:00:00	1.0	3-Jul-09	3:00:00	1.1
23-Sep-08	9:00:00	11.2	2-Jan-09	21:00:00	1.2	3-Apr-09	15:00:00	1.2	3-Jul-09	9:00:00	1.0
23-Sep-08	15:00:00	11.7	3-Jan-09	3:00:00	0.8	3-Apr-09	21:00:00	1.2	3-Jul-09	15:00:00	0.9
23-Sep-08	21:00:00	11.8	3-Jan-09	9:00:00	0.7	4-Apr-09	3:00:00	1.5	3-Jul-09	21:00:00	0.9
24-Sep-08	3:00:00	11.1	3-Jan-09	15:00:00	1.1	4-Apr-09	9:00:00	1.4	4-Jul-09	3:00:00	1.7
24-Sep-08	9:00:00	10.7	3-Jan-09	21:00:00	1.3	4-Apr-09	15:00:00	2.2	4-Jul-09	9:00:00	1.5
24-Sep-08	15:00:00	11.2	4-Jan-09	3:00:00	1.4	4-Apr-09	21:00:00	2.6	4-Jul-09	15:00:00	2.2
24-Sep-08	21:00:00	11.2	4-Jan-09	9:00:00	1.2	5-Apr-09	3:00:00	3.4	4-Jul-09	21:00:00	2.2
25-Sep-08	3:00:00	11.0	4-Jan-09	15:00:00	1.9	5-Apr-09	9:00:00	2.9	5-Jul-09	3:00:00	3.2
25-Sep-08	9:00:00	10.8	4-Jan-09	21:00:00	1.9	5-Apr-09	15:00:00	4.2	5-Jul-09	9:00:00	2.8
25-Sep-08	15:00:00	11.3	5-Jan-09	3:00:00	2.9	5-Apr-09	21:00:00	4.6	5-Jul-09	15:00:00	4.0
25-Sep-08	21:00:00	11.5	5-Jan-09	9:00:00	2.6	6-Apr-09	3:00:00	5.4	5-Jul-09	21:00:00	4.1
26-Sep-08	3:00:00	11.4	5-Jan-09	15:00:00	3.9	6-Apr-09	9:00:00	5.0	6-Jul-09	3:00:00	6.4
26-Sep-08	9:00:00	11.1	5-Jan-09	21:00:00	4.4	6-Apr-09	15:00:00	6.1	6-Jul-09	9:00:00	5.4
26-Sep-08	15:00:00	11.7	6-Jan-09	3:00:00	5.1	6-Apr-09	21:00:00	6.5	6-Jul-09	15:00:00	6.9
26-Sep-08	21:00:00	11.9	6-Jan-09	9:00:00	4.6	7-Apr-09	3:00:00	10.3	6-Jul-09	21:00:00	7.9
27-Sep-08	3:00:00	11.5	6-Jan-09	15:00:00	5.5	7-Apr-09	9:00:00	9.8	7-Jul-09	3:00:00	9.4
27-Sep-08	9:00:00	11.1	6-Jan-09	21:00:00	5.8	7-Apr-09	15:00:00	10.9	7-Jul-09	9:00:00	9.3
27-Sep-08	15:00:00	11.4	7-Jan-09	3:00:00	9.3	7-Apr-09	21:00:00	11.9	7-Jul-09	15:00:00	9.6
27-Sep-08	21:00:00	11.3	7-Jan-09	9:00:00	9.2	13-Apr-09	3:00:00	1.9	7-Jul-09	21:00:00	9.6
28-Sep-08	3:00:00	10.7	7-Jan-09	15:00:00	9.9	13-Apr-09	9:00:00	1.8	1-Aug-09	3:00:00	0.3
28-Sep-08	9:00:00	10.2	7-Jan-09	21:00:00	10.5	13-Apr-09	15:00:00	2.3	1-Aug-09	9:00:00	0.4
28-Sep-08	15:00:00	10.7	13-Jan-09	3:00:00	0.6	13-Apr-09	21:00:00	2.3	1-Aug-09	15:00:00	0.6
28-Sep-08	21:00:00	10.8	13-Jan-09	9:00:00	0.6	14-Apr-09	3:00:00	1.8	1-Aug-09	21:00:00	0.5
29-Sep-08	3:00:00	10.5	13-Jan-09	15:00:00	0.7	14-Apr-09	9:00:00	1.7	2-Aug-09	3:00:00	1.4
29-Sep-08	9:00:00	10.4	13-Jan-09	21:00:00	0.7	14-Apr-09	15:00:00	2.5	2-Aug-09	9:00:00	1.3
29-Sep-08	15:00:00	11.1	14-Jan-09	3:00:00	0.7	14-Apr-09	21:00:00	2.7	2-Aug-09	15:00:00	1.5
29-Sep-08	21:00:00	11.1	14-Jan-09	9:00:00	0.7	15-Apr-09	3:00:00	1.8	2-Aug-09	21:00:00	1.5
30-Sep-08	3:00:00	10.5	14-Jan-09	15:00:00	0.8	15-Apr-09	9:00:00	1.6	3-Aug-09	3:00:00	0.6

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
30-Sep-08	9:00:00	10.3	14-Jan-09	21:00:00	0.8	15-Apr-09	15:00:00	2.7	3-Aug-09	9:00:00	0.4
30-Sep-08	15:00:00	11.0	15-Jan-09	3:00:00	0.7	15-Apr-09	21:00:00	2.7	3-Aug-09	15:00:00	0.8
30-Sep-08	21:00:00	11.4	15-Jan-09	9:00:00	0.6	16-Apr-09	3:00:00	1.8	3-Aug-09	21:00:00	0.7
10-Oct-08	3:00:00	10.5	15-Jan-09	15:00:00	0.8	16-Apr-09	9:00:00	1.6	4-Aug-09	3:00:00	1.7
10-Oct-08	9:00:00	10.2	15-Jan-09	21:00:00	1.0	16-Apr-09	15:00:00	2.7	4-Aug-09	9:00:00	1.4
10-Oct-08	15:00:00	10.6	16-Jan-09	3:00:00	1.0	16-Apr-09	21:00:00	3.0	4-Aug-09	15:00:00	2.0
10-Oct-08	21:00:00	10.7	16-Jan-09	9:00:00	1.0	17-Apr-09	3:00:00	2.0	4-Aug-09	21:00:00	2.0
11-Oct-08	3:00:00	6.9	16-Jan-09	15:00:00	1.1	17-Apr-09	9:00:00	1.8	5-Aug-09	3:00:00	3.4
11-Oct-08	9:00:00	6.9	16-Jan-09	21:00:00	1.2	17-Apr-09	15:00:00	2.4	5-Aug-09	9:00:00	3.0
11-Oct-08	15:00:00	7.0	17-Jan-09	3:00:00	1.0	17-Apr-09	21:00:00	2.9	5-Aug-09	15:00:00	3.9
11-Oct-08	21:00:00	7.0	17-Jan-09	9:00:00	1.0	18-Apr-09	3:00:00	1.9	5-Aug-09	21:00:00	4.1
12-Oct-08	3:00:00	4.1	17-Jan-09	15:00:00	1.2	18-Apr-09	9:00:00	1.8	6-Aug-09	3:00:00	6.5
12-Oct-08	9:00:00	4.0	17-Jan-09	21:00:00	1.3	18-Apr-09	15:00:00	2.7	6-Aug-09	9:00:00	5.4
12-Oct-08	15:00:00	4.1	18-Jan-09	3:00:00	1.2	18-Apr-09	21:00:00	2.9	6-Aug-09	15:00:00	6.9
12-Oct-08	21:00:00	4.3	18-Jan-09	9:00:00	1.2	19-Apr-09	3:00:00	2.0	6-Aug-09	21:00:00	7.6
13-Oct-08	3:00:00	10.2	18-Jan-09	15:00:00	1.2	19-Apr-09	9:00:00	1.8	7-Aug-09	3:00:00	9.4
13-Oct-08	9:00:00	9.8	18-Jan-09	21:00:00	1.2	19-Apr-09	15:00:00	2.9	7-Aug-09	9:00:00	9.2
13-Oct-08	15:00:00	10.3	19-Jan-09	3:00:00	1.1	19-Apr-09	21:00:00	2.9	7-Aug-09	15:00:00	10.7
13-Oct-08	21:00:00	10.6	19-Jan-09	9:00:00	1.0	20-Apr-09	3:00:00	2.3	7-Aug-09	21:00:00	11.3
14-Oct-08	3:00:00	10.3	19-Jan-09	15:00:00	1.1	20-Apr-09	9:00:00	2.1	1-Sep-09	3:00:00	0.3
14-Oct-08	9:00:00	10.1	19-Jan-09	21:00:00	1.2	20-Apr-09	15:00:00	2.6	1-Sep-09	9:00:00	0.3
14-Oct-08	15:00:00	10.5	20-Jan-09	3:00:00	1.0	20-Apr-09	21:00:00	2.9	1-Sep-09	15:00:00	0.4
14-Oct-08	21:00:00	10.6	20-Jan-09	9:00:00	0.9	21-Apr-09	3:00:00	2.3	1-Sep-09	21:00:00	0.5
15-Oct-08	3:00:00	10.4	20-Jan-09	15:00:00	1.0	21-Apr-09	9:00:00	2.3	2-Sep-09	3:00:00	1.3
15-Oct-08	9:00:00	10.1	20-Jan-09	21:00:00	1.0	21-Apr-09	15:00:00	3.2	2-Sep-09	9:00:00	1.2
15-Oct-08	15:00:00	10.6	21-Jan-09	3:00:00	0.9	21-Apr-09	21:00:00	3.2	2-Sep-09	15:00:00	1.1
15-Oct-08	21:00:00	10.6	21-Jan-09	9:00:00	0.8	22-Apr-09	3:00:00	2.2	2-Sep-09	21:00:00	1.2
16-Oct-08	3:00:00	10.2	21-Jan-09	15:00:00	1.0	22-Apr-09	9:00:00	1.9	3-Sep-09	3:00:00	0.4
16-Oct-08	9:00:00	9.9	21-Jan-09	21:00:00	0.7	22-Apr-09	15:00:00	2.1	3-Sep-09	9:00:00	0.2
16-Oct-08	15:00:00	10.3	22-Jan-09	3:00:00	0.5	22-Apr-09	21:00:00	2.2	3-Sep-09	15:00:00	0.8
16-Oct-08	21:00:00	10.5	22-Jan-09	9:00:00	0.4	23-Apr-09	3:00:00	1.9	3-Sep-09	21:00:00	0.9
17-Oct-08	3:00:00	10.3	22-Jan-09	15:00:00	0.3	23-Apr-09	9:00:00	1.8	4-Sep-09	3:00:00	1.7
17-Oct-08	9:00:00	10.2	22-Jan-09	21:00:00	0.3	23-Apr-09	15:00:00	2.7	4-Sep-09	9:00:00	1.7
17-Oct-08	15:00:00	10.5	23-Jan-09	3:00:00	0.2	23-Apr-09	21:00:00	2.9	4-Sep-09	15:00:00	2.2
17-Oct-08	21:00:00	10.4	23-Jan-09	9:00:00	0.1	24-Apr-09	3:00:00	2.1	4-Sep-09	21:00:00	2.5
18-Oct-08	3:00:00	10.1	23-Jan-09	15:00:00	0.2	24-Apr-09	9:00:00	1.9	5-Sep-09	3:00:00	3.3
18-Oct-08	9:00:00	10.1	23-Jan-09	21:00:00	0.3	24-Apr-09	15:00:00	2.8	5-Sep-09	9:00:00	3.0
18-Oct-08	15:00:00	10.3	24-Jan-09	3:00:00	0.1	24-Apr-09	21:00:00	2.8	5-Sep-09	15:00:00	4.2
18-Oct-08	21:00:00	10.4	24-Jan-09	9:00:00	0.1	25-Apr-09	3:00:00	2.3	5-Sep-09	21:00:00	4.5
19-Oct-08	3:00:00	10.0	24-Jan-09	15:00:00	0.1	25-Apr-09	9:00:00	2.2	6-Sep-09	3:00:00	6.5
19-Oct-08	9:00:00	9.7	24-Jan-09	21:00:00	0.2	25-Apr-09	15:00:00	3.1	6-Sep-09	9:00:00	5.6
19-Oct-08	15:00:00	10.1	25-Jan-09	3:00:00	0.2	25-Apr-09	21:00:00	3.4	6-Sep-09	15:00:00	6.6
19-Oct-08	21:00:00	10.2	25-Jan-09	9:00:00	0.1	26-Apr-09	3:00:00	2.6	6-Sep-09	21:00:00	7.1
20-Oct-08	3:00:00	9.9	25-Jan-09	15:00:00	0.2	26-Apr-09	9:00:00	2.2	7-Sep-09	3:00:00	10.4
20-Oct-08	9:00:00	9.5	25-Jan-09	21:00:00	0.3	26-Apr-09	15:00:00	3.1	7-Sep-09	9:00:00	9.9
20-Oct-08	15:00:00	9.8	26-Jan-09	3:00:00	0.2	26-Apr-09	21:00:00	3.2	7-Sep-09	15:00:00	10.1
20-Oct-08	21:00:00	10.0	26-Jan-09	9:00:00	0.1	27-Apr-09	3:00:00	2.4	7-Sep-09	21:00:00	10.5
21-Oct-08	3:00:00	9.8	26-Jan-09	15:00:00	0.4	27-Apr-09	9:00:00	2.1	1-Oct-09	3:00:00	0.5
21-Oct-08	9:00:00	9.4	26-Jan-09	21:00:00	0.8	27-Apr-09	15:00:00	3.0	1-Oct-09	9:00:00	0.4
21-Oct-08	15:00:00	9.7	27-Jan-09	3:00:00	0.8	27-Apr-09	21:00:00	3.4	1-Oct-09	15:00:00	0.4
21-Oct-08	21:00:00	9.9	27-Jan-09	9:00:00	0.9	28-Apr-09	3:00:00	2.6	1-Oct-09	21:00:00	0.4
22-Oct-08	3:00:00	9.8	27-Jan-09	15:00:00	1.0	28-Apr-09	9:00:00	2.3	2-Oct-09	3:00:00	0.9
22-Oct-08	9:00:00	9.8	27-Jan-09	21:00:00	1.0	28-Apr-09	15:00:00	3.5	2-Oct-09	9:00:00	0.9
22-Oct-08	15:00:00	10.2	28-Jan-09	3:00:00	0.9	28-Apr-09	21:00:00	3.8	2-Oct-09	15:00:00	1.1
22-Oct-08	21:00:00	10.2	28-Jan-09	9:00:00	0.8	29-Apr-09	3:00:00	2.6	2-Oct-09	21:00:00	1.1
23-Oct-08	3:00:00	9.8	28-Jan-09	15:00:00	0.9	29-Apr-09	9:00:00	2.1	3-Oct-09	3:00:00	0.3
23-Oct-08	9:00:00	9.5	28-Jan-09	21:00:00	1.2	29-Apr-09	15:00:00	3.4	3-Oct-09	9:00:00	0.1
23-Oct-08	15:00:00	9.7	29-Jan-09	3:00:00	1.2	29-Apr-09	21:00:00	3.9	3-Oct-09	15:00:00	0.6
23-Oct-08	21:00:00	9.8	29-Jan-09	9:00:00	1.2	30-Apr-09	3:00:00	2.9	3-Oct-09	21:00:00	1.0

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
24-Oct-08	3:00:00	9.5	29-Jan-09	15:00:00	1.4	30-Apr-09	9:00:00	2.5	4-Oct-09	3:00:00	1.9
24-Oct-08	9:00:00	9.4	29-Jan-09	21:00:00	1.4	30-Apr-09	15:00:00	3.7	4-Oct-09	9:00:00	1.6
24-Oct-08	15:00:00	9.7	30-Jan-09	3:00:00	1.4	30-Apr-09	21:00:00	4.0	4-Oct-09	15:00:00	2.6
24-Oct-08	21:00:00	9.7	30-Jan-09	9:00:00	1.4	1-May-09	3:00:00	0.9	4-Oct-09	21:00:00	2.8
25-Oct-08	3:00:00	9.3	30-Jan-09	15:00:00	1.6	1-May-09	9:00:00	0.5	5-Oct-09	3:00:00	3.4
25-Oct-08	9:00:00	8.9	30-Jan-09	21:00:00	1.4	1-May-09	15:00:00	0.3	5-Oct-09	9:00:00	2.9
25-Oct-08	15:00:00	8.9	31-Jan-09	3:00:00	1.1	1-May-09	21:00:00	0.1	5-Oct-09	15:00:00	4.0
25-Oct-08	21:00:00	9.1	31-Jan-09	9:00:00	1.0	2-May-09	3:00:00	1.3	5-Oct-09	21:00:00	4.2
26-Oct-08	3:00:00	8.8	31-Jan-09	15:00:00	1.0	2-May-09	9:00:00	1.2	6-Oct-09	3:00:00	6.3
26-Oct-08	9:00:00	8.6	31-Jan-09	21:00:00	1.0	2-May-09	15:00:00	1.4	6-Oct-09	9:00:00	5.6
26-Oct-08	15:00:00	8.9	1-Feb-09	3:00:00	1.5	2-May-09	21:00:00	1.4	6-Oct-09	15:00:00	6.9
26-Oct-08	21:00:00	9.3	1-Feb-09	9:00:00	1.3	3-May-09	3:00:00	0.9	6-Oct-09	21:00:00	7.9
27-Oct-08	3:00:00	9.0	1-Feb-09	15:00:00	1.3	3-May-09	9:00:00	0.7	7-Oct-09	3:00:00	9.8
27-Oct-08	9:00:00	8.8	1-Feb-09	21:00:00	1.4	3-May-09	15:00:00	1.1	7-Oct-09	9:00:00	9.7
27-Oct-08	15:00:00	9.3	2-Feb-09	3:00:00	1.1	3-May-09	21:00:00	1.3	7-Oct-09	15:00:00	10.8
27-Oct-08	21:00:00	9.5	2-Feb-09	9:00:00	1.2	4-May-09	3:00:00	1.8	7-Oct-09	21:00:00	10.9
28-Oct-08	3:00:00	9.2	2-Feb-09	15:00:00	1.3	4-May-09	9:00:00	1.6	1-Nov-09	3:00:00	0.4
28-Oct-08	9:00:00	9.1	2-Feb-09	21:00:00	1.4	4-May-09	15:00:00	2.2	1-Nov-09	9:00:00	0.5
28-Oct-08	15:00:00	9.2	3-Feb-09	3:00:00	1.2	4-May-09	21:00:00	2.3	1-Nov-09	15:00:00	0.6
28-Oct-08	21:00:00	9.3	3-Feb-09	9:00:00	1.2	5-May-09	3:00:00	3.3	1-Nov-09	21:00:00	0.5
29-Oct-08	3:00:00	9.1	3-Feb-09	15:00:00	1.4	5-May-09	9:00:00	3.0	2-Nov-09	3:00:00	0.9
29-Oct-08	9:00:00	9.1	3-Feb-09	21:00:00	1.4	5-May-09	15:00:00	3.9	2-Nov-09	9:00:00	0.7
29-Oct-08	15:00:00	9.1	4-Feb-09	3:00:00	1.5	5-May-09	21:00:00	4.2	2-Nov-09	15:00:00	0.9
29-Oct-08	21:00:00	8.9	4-Feb-09	9:00:00	1.4	6-May-09	3:00:00	5.4	2-Nov-09	21:00:00	1.0
30-Oct-08	3:00:00	8.6	4-Feb-09	15:00:00	2.2	6-May-09	9:00:00	5.0	3-Nov-09	3:00:00	0.5
30-Oct-08	9:00:00	8.3	4-Feb-09	21:00:00	2.0	6-May-09	15:00:00	5.8	3-Nov-09	9:00:00	0.3
30-Oct-08	15:00:00	8.5	5-Feb-09	3:00:00	3.2	6-May-09	21:00:00	6.4	3-Nov-09	15:00:00	0.9
30-Oct-08	21:00:00	8.7	5-Feb-09	9:00:00	2.6	7-May-09	3:00:00	10.5	3-Nov-09	21:00:00	1.4
31-Oct-08	3:00:00	8.7	5-Feb-09	15:00:00	4.0	7-May-09	9:00:00	9.6	4-Nov-09	3:00:00	1.8
31-Oct-08	9:00:00	8.7	5-Feb-09	21:00:00	4.5	7-May-09	15:00:00	11.3	4-Nov-09	9:00:00	1.5
31-Oct-08	15:00:00	8.8	6-Feb-09	3:00:00	4.9	7-May-09	21:00:00	11.8	4-Nov-09	15:00:00	2.3
31-Oct-08	21:00:00	8.8	6-Feb-09	9:00:00	4.5	13-May-09	3:00:00	2.8	4-Nov-09	21:00:00	2.4
9-Nov-08	21:00:00	12.0	6-Feb-09	15:00:00	6.0	13-May-09	9:00:00	2.6	5-Nov-09	3:00:00	2.9
10-Nov-08	3:00:00	10.3	6-Feb-09	21:00:00	6.4	13-May-09	15:00:00	3.2	5-Nov-09	9:00:00	2.5
10-Nov-08	9:00:00	10.1	7-Feb-09	3:00:00	9.7	13-May-09	21:00:00	3.6	5-Nov-09	15:00:00	3.4
10-Nov-08	15:00:00	10.5	7-Feb-09	9:00:00	9.4	14-May-09	3:00:00	2.9	5-Nov-09	21:00:00	3.3
10-Nov-08	21:00:00	10.5	7-Feb-09	15:00:00	10.7	14-May-09	9:00:00	2.6	6-Nov-09	3:00:00	6.4
11-Nov-08	3:00:00	6.7	7-Feb-09	21:00:00	10.8	14-May-09	15:00:00	3.6	6-Nov-09	9:00:00	5.8
11-Nov-08	9:00:00	6.5	13-Feb-09	3:00:00	0.8	14-May-09	21:00:00	3.8	6-Nov-09	15:00:00	7.2
11-Nov-08	15:00:00	6.6	13-Feb-09	9:00:00	0.7	15-May-09	3:00:00	3.0	6-Nov-09	21:00:00	7.7
11-Nov-08	21:00:00	6.7	13-Feb-09	15:00:00	0.8	15-May-09	9:00:00	2.7	7-Nov-09	3:00:00	10.1
12-Nov-08	3:00:00	4.3	13-Feb-09	21:00:00	0.9	15-May-09	15:00:00	4.2	7-Nov-09	9:00:00	9.9
12-Nov-08	9:00:00	4.3	14-Feb-09	3:00:00	0.6	15-May-09	21:00:00	4.5	1-Dec-09	3:00:00	0.5
12-Nov-08	15:00:00	4.5	14-Feb-09	9:00:00	0.5	16-May-09	3:00:00	3.5	1-Dec-09	9:00:00	0.5
12-Nov-08	21:00:00	4.6	14-Feb-09	15:00:00	0.7	16-May-09	9:00:00	3.2	1-Dec-09	15:00:00	0.5
13-Nov-08	3:00:00	6.7	14-Feb-09	21:00:00	0.7	16-May-09	15:00:00	4.1	1-Dec-09	21:00:00	0.6
13-Nov-08	9:00:00	6.5	15-Feb-09	3:00:00	0.5	16-May-09	21:00:00	4.2	2-Dec-09	3:00:00	0.8
13-Nov-08	15:00:00	6.6	15-Feb-09	9:00:00	0.4	17-May-09	3:00:00	3.4	2-Dec-09	9:00:00	0.8
13-Nov-08	21:00:00	6.7	15-Feb-09	15:00:00	0.6	17-May-09	9:00:00	2.9	2-Dec-09	15:00:00	1.0
14-Nov-08	3:00:00	6.5	15-Feb-09	21:00:00	0.7	17-May-09	15:00:00	3.3	2-Dec-09	21:00:00	1.0
14-Nov-08	9:00:00	6.3	16-Feb-09	3:00:00	0.5	17-May-09	21:00:00	3.6	3-Dec-09	3:00:00	1.0
14-Nov-08	15:00:00	6.4	16-Feb-09	9:00:00	0.4	18-May-09	3:00:00	3.1	3-Dec-09	9:00:00	0.9
14-Nov-08	21:00:00	6.4	16-Feb-09	15:00:00	0.6	18-May-09	9:00:00	3.0	3-Dec-09	15:00:00	1.2
15-Nov-08	3:00:00	6.4	16-Feb-09	21:00:00	0.9	18-May-09	15:00:00	3.5	3-Dec-09	21:00:00	1.6
15-Nov-08	9:00:00	6.3	17-Feb-09	3:00:00	0.6	18-May-09	21:00:00	3.5	4-Dec-09	3:00:00	1.8
15-Nov-08	15:00:00	6.5	17-Feb-09	9:00:00	0.6	19-May-09	3:00:00	3.1	4-Dec-09	9:00:00	1.5
15-Nov-08	21:00:00	6.6	17-Feb-09	15:00:00	0.9	19-May-09	9:00:00	2.9	4-Dec-09	15:00:00	2.6
16-Nov-08	3:00:00	6.4	17-Feb-09	21:00:00	1.1	19-May-09	15:00:00	3.1	4-Dec-09	21:00:00	2.5
16-Nov-08	9:00:00	6.3	18-Feb-09	3:00:00	0.8	19-May-09	21:00:00	3.4	5-Dec-09	3:00:00	2.5

Appendix C Table C3. Temperature data collected on the Peace River, Site C Tributaries fall fish study 2009 (BC Hydro WLR Station #2038623).

Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)	Date	Time	Temp. (°C)
16-Nov-08	15:00:00	6.4	18-Feb-09	9:00:00	0.7	20-May-09	3:00:00	3.0	5-Dec-09	9:00:00	2.4
16-Nov-08	21:00:00	6.4	18-Feb-09	15:00:00	1.0	20-May-09	9:00:00	2.8	5-Dec-09	15:00:00	2.9
17-Nov-08	3:00:00	6.4	18-Feb-09	21:00:00	1.2	20-May-09	15:00:00	4.2	5-Dec-09	21:00:00	3.3
17-Nov-08	9:00:00	6.2	19-Feb-09	3:00:00	1.0	20-May-09	21:00:00	4.8	6-Dec-09	3:00:00	6.3
17-Nov-08	15:00:00	6.1	19-Feb-09	9:00:00	1.0	21-May-09	3:00:00	3.7	6-Dec-09	9:00:00	5.7
17-Nov-08	21:00:00	6.3	19-Feb-09	15:00:00	1.3	21-May-09	9:00:00	3.2	6-Dec-09	15:00:00	7.5
18-Nov-08	3:00:00	6.3	19-Feb-09	21:00:00	1.3	21-May-09	15:00:00	4.6	6-Dec-09	21:00:00	8.7
18-Nov-08	9:00:00	6.3	20-Feb-09	3:00:00	1.0	21-May-09	21:00:00	5.0			

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APPENDIX D
Sample Effort and Catch

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Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
MOBERLY RIVER							
	FISH TRAP						
		9/23/2009					
			UPSTREAM				
				10:30	17.5		
						Longnose sucker	1
						Mountain whitefish	103
				12:10	1.7		
						Longnose sucker	1
						Mountain whitefish	76
						Northern pike	1
				14:02	1.9		
						Northern pikeminnow	1
				15:23	1.4		
						Mountain whitefish	3
		9/24/2009					
			UPSTREAM				
				10:05	18.7		
						Mountain whitefish	21
				12:03	2.0		
						Mountain whitefish	6
				15:15	1.7		
						Mountain whitefish	37
		9/25/2009					
			DOWNSTREAM				
				10:50	18.7		
						Arctic grayling	1
						Longnose sucker	1
						Mountain whitefish	1
				15:00	1.9		
						Longnose sucker	1
			UPSTREAM				
				14:50	1.8		
						Mountain whitefish	1
		9/26/2009					
			DOWNSTREAM				
				10:20	19.3		
						Longnose sucker	56
						Largescale sucker	5
						Northern pike	1
				13:40	3.3		
						Longnose sucker	5
				15:30	1.8		
						Longnose sucker	1
			UPSTREAM				
				9:40	18.8		
						Longnose sucker	1
						Mountain whitefish	20
				13:25	3.8		
						Mountain whitefish	5
				15:10	1.8		
						Mountain whitefish	5

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		9/27/2009					
			DOWNSTREAM				
				10:20	18.8		
						Arctic grayling	1
						Longnose sucker	11
						Largescale sucker	3
						Northern pike	1
			UPSTREAM				
				9:50	18.7		
						Mountain whitefish	16
				12:45	2.9		
						Mountain whitefish	10
				14:40	1.9		
						Mountain whitefish	2
		9/28/2009					
			DOWNSTREAM				
				10:00	19.1		
						Arctic grayling	1
						Mountain whitefish	1
			UPSTREAM				
				10:00	18.8		
						Mountain whitefish	8
				12:50	2.8		
						Mountain whitefish	5
				14:45	1.9		
						Mountain whitefish	92
		9/29/2009					
			DOWNSTREAM				
				10:45	18.6		
						Longnose sucker	1
						Mountain whitefish	2
			UPSTREAM				
				10:10	19.4		
						Longnose sucker	2
						Mountain whitefish	18
		9/30/2009					
			DOWNSTREAM				
				9:55	19.0		
						Burbot	1
				10:25	19.5		
						Longnose sucker	5
				16:15	5.8		
						Longnose sucker	1
			UPSTREAM				
				9:55	19.1		
						Mountain whitefish	20
				15:00	5.1		
						Mountain whitefish	102
				16:45	1.8		
						Mountain whitefish	1

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/1/2009					
			DOWNSTREAM				
				10:30	18.3		
						Longnose sucker	2
				13:15	2.8		
						Longnose sucker	11
						Largescale sucker	1
			UPSTREAM				
				10:00	17.3		
						Mountain whitefish	31
				13:00	3.0		
						Mountain whitefish	9
				15:10	2.2		
						Mountain whitefish	3
		10/2/2009					
			DOWNSTREAM				
				16:35	3.2		
						Arctic grayling	1
			UPSTREAM				
				9:45	18.6		
						Mountain whitefish	39
				13:05	3.3		
						Mountain whitefish	20
				15:00	1.9		
						Mountain whitefish	68
		10/3/2009					
			DOWNSTREAM				
				9:45	16.1		
						Mountain whitefish	3
				11:00	18.4		
						Longnose sucker	1
			UPSTREAM				
				9:45	18.8		
						Longnose sucker	1
						Mountain whitefish	101
				13:00	3.3		
						Bull trout	1
				15:00	2.0		
						Bull trout	1
						Mountain whitefish	126
		10/4/2009					
			UPSTREAM				
				9:45	18.8		
						Longnose sucker	1
						Mountain whitefish	6
				15:00	2.0		
						Mountain whitefish	21

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/5/2009					
			DOWNSTREAM				
				9:55	18.4		
						Mountain whitefish	1
				10:05	0.1		
						Mountain whitefish	1
				15:40	2.6		
						Mountain whitefish	1
			UPSTREAM				
				9:45	18.8		
						Mountain whitefish	8
				15:00	2.0		
						Mountain whitefish	35
				16:15	1.3		
						Mountain whitefish	4
		10/6/2009					
			UPSTREAM				
				9:30	17.3		
						Mountain whitefish	89
				13:25	3.9		
						Mountain whitefish	77
		10/7/2009					
			DOWNSTREAM				
				9:45	19.4		
						Longnose dace	1
				15:05	2.0		
						Mountain whitefish	1
			UPSTREAM				
				9:35	20.2		
						Longnose dace	1
		10/8/2009					
			DOWNSTREAM				
				11:00	19.9		
						Longnose sucker	42
						Largescale sucker	1
						Mountain whitefish	3
						Northern pike	1
						White sucker	1
			UPSTREAM				
				10:40	19.7		
						Mountain whitefish	1
		10/9/2009					
			DOWNSTREAM				
				10:15	18.1		
						Arctic grayling	1
						Bull trout	2
						Longnose sucker	10
						Largescale sucker	9
						Mountain whitefish	2
						Northern pikeminnow	2
						White sucker	2
				15:10	4.9		
						Longnose sucker	129

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/10/2009					
			DOWNSTREAM				
				10:20	19.2		
						Burbot	1
						Longnose sucker	5
						Northern pikeminnow	1
				15:05	4.8		
						Longnose sucker	1
		10/11/2009					
			DOWNSTREAM				
				10:30	19.4		
						Longnose sucker	10
				15:30	5.0		
						Longnose sucker	2
						Mountain whitefish	1
		10/12/2009					
			DOWNSTREAM				
				11:00	19.5		
						White sucker	1
		10/15/2009					
			DOWNSTREAM				
				10:55	19.8		
						Longnose sucker	40
						Largescale sucker	4
						Mountain whitefish	1
						White sucker	1
				15:05	4.2		
						Longnose sucker	2
			UPSTREAM				
				10:25	19.4		
						Mountain whitefish	8
		10/16/2009					
			DOWNSTREAM				
				11:05	20.0		
						Longnose sucker	109
						Largescale sucker	4
				15:05	4.0		
						Burbot	1
				15:15	4.2		
						Longnose sucker	1
						Mountain whitefish	1
			UPSTREAM				
				10:35	19.6		
						Arctic grayling	1
						Mountain whitefish	26

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/17/2009					
			DOWNSTREAM				
				10:45	19.5		
						Longnose sucker	46
						Largescale sucker	3
						Mountain whitefish	4
						Northern pikeminnow	1
				15:05	4.3		
						Longnose sucker	4
			UPSTREAM				
				10:15	19.2		
						Mountain whitefish	31
				15:00	4.8		
						Longnose sucker	1
		10/18/2009					
			DOWNSTREAM				
				10:05	19.0		
						Longnose sucker	13
						Mountain whitefish	2
			UPSTREAM				
				9:55	18.9		
						Mountain whitefish	1
				14:45	4.8		
						Mountain whitefish	1
		10/19/2009					
			DOWNSTREAM				
				10:50	19.9		
						Longnose sucker	2
						Mountain whitefish	1
				15:40	4.8		
						Arctic grayling	1
						Longnose sucker	1
			UPSTREAM				
				10:40	19.9		
						Longnose sucker	1
						Mountain whitefish	12
				14:00	3.3		
						Arctic grayling	1
						Mountain whitefish	183
				16:10	2.2		
						Mountain whitefish	12

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/20/2009					
			DOWNSTREAM				
				10:35	18.9		
						Longnose sucker	3
				15:00	4.4		
						Mountain whitefish	2
				15:10	0.2		
						Longnose sucker	3
						Mountain whitefish	4
			UPSTREAM				
				10:20	18.2		
						Mountain whitefish	19
				10:40	0.3		
						Mountain whitefish	20
				15:00	4.3		
						Mountain whitefish	1
				16:20	1.3		
						Mountain whitefish	70
		10/21/2009					
			DOWNSTREAM				
				10:45	19.6		
						Longnose sucker	7
						Mountain whitefish	5
						Northern pikeminnow	1
			UPSTREAM				
				9:55	17.6		
						Largescale sucker	1
						Mountain whitefish	69
				14:00	4.1		
						Mountain whitefish	42
				15:00	1.0		
						Arctic grayling	1
						Mountain whitefish	118
				16:00	1.0		
						Mountain whitefish	50
		10/22/2009					
			DOWNSTREAM				
				10:00	11.0		
						Longnose sucker	3
						Mountain whitefish	6
			UPSTREAM				
				9:40	17.7		
						Mountain whitefish	43
				12:00	2.3		
						Mountain whitefish	18
				15:00	3.0		
						Mountain whitefish	6

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/23/2009					
			DOWNSTREAM				
				9:40	18.7		
						Longnose sucker	3
						Mountain whitefish	8
						Northern pike	1
				10:15	0.6		
						Longnose sucker	2
						Mountain whitefish	42
				15:30	5.3		
						Mountain whitefish	1
			UPSTREAM				
				9:30	18.5		
						Mountain whitefish	10
				14:30	5.0		
						Mountain whitefish	107
		10/24/2009					
			DOWNSTREAM				
				10:00	18.5		
						Arctic grayling	1
						Longnose sucker	29
						Largescale sucker	2
						Mountain whitefish	12
						Northern pikeminnow	1
				12:00	2.0		
						Longnose sucker	3
						Mountain whitefish	6
			UPSTREAM				
				10:30	20.0		
						Mountain whitefish	14
	HOOP NET						
		9/23/2009					
			DOWNSTREAM				
				12:50	1.8		
						Largescale sucker	1
		9/24/2009					
			DOWNSTREAM				
				11:25	22.6		
						Longnose dace	2
						Longnose sucker	1
						Largescale sucker	1
						Mountain whitefish	1
						Northern pikeminnow	1
						Redside shiner	5
				13:45	2.3		
						Redside shiner	1
				16:03	2.3		
						Largescale sucker	1
						Redside shiner	1

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		9/25/2009					
			DOWNSTREAM				
				11:20	19.3		
						Lake chub	1
						Longnose dace	2
						Longnose sucker	1
						Northern pikeminnow	1
						Redside shiner	2
		9/26/2009					
			DOWNSTREAM				
				11:30	20.3		
						Arctic grayling	2
						Lake chub	1
						Longnose dace	1
						Longnose sucker	6
						Mountain whitefish	23
						Redside shiner	10
		9/27/2009					
			DOWNSTREAM				
				10:45	19.0		
						Arctic grayling	1
						Redside shiner	1
				12:45	2.0		
						Redside shiner	3
		9/28/2009					
			DOWNSTREAM				
				10:00	19.1		
						Redside shiner	5
				10:30	19.4		
						Redside shiner	1
		9/29/2009					
			DOWNSTREAM				
				10:10	17.8		
						Lake chub	1
						Redside shiner	3
				11:00	18.7		
						Lake chub	1
						Longnose dace	1
						Longnose sucker	7
						Redside shiner	3
		9/30/2009					
			DOWNSTREAM				
				10:40	19.7		
						Lake chub	1
						Redside shiner	1
		10/1/2009					
			DOWNSTREAM				
				10:45	18.3		
						Longnose sucker	1
						Prickly sculpin	1

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/2/2009					
			DOWNSTREAM				
				10:20	18.9		
						Longnose sucker	1
						Redside shiner	3
				16:40	6.3		
						Arctic grayling	1
		10/4/2009					
			DOWNSTREAM				
				9:45	19.5		
						Longnose dace	2
						Mountain whitefish	1
				10:00	19.8		
						Longnose dace	1
						Longnose sucker	1
				13:10	3.2		
						Longnose dace	1
		10/6/2009					
			DOWNSTREAM				
				11:05	19.3		
						Mountain whitefish	1
						Redside shiner	1
		10/7/2009					
			DOWNSTREAM				
				15:10	2.0		
						Longnose dace	1
		10/8/2009					
			DOWNSTREAM				
				11:00	19.8		
						Mountain whitefish	6
						Northern pikeminnow	1
						Redside shiner	5
				12:00	20.8		
						Longnose sucker	3
						Prickly sculpin	1
						Redside shiner	1
				16:00	4.0		
						Longnose dace	1
						Redside shiner	2
		10/9/2009					
			DOWNSTREAM				
				11:15	19.3		
						Longnose dace	1
						Largescale sucker	1
						Mountain whitefish	2
						Redside shiner	2
		10/10/2009					
			DOWNSTREAM				
				10:50	19.5		
						Longnose sucker	1
						Redside shiner	1
		10/12/2009					
			DOWNSTREAM				
				16:10	15.2		
						Redside shiner	1

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/15/2009					
			DOWNSTREAM				
				11:35	20.4		
						Lake chub	1
						Largescale sucker	2
						Mountain whitefish	1
						Redside shiner	38
		10/16/2009					
			DOWNSTREAM				
				11:45	20.5		
						Longnose sucker	5
						Largescale sucker	2
						Mountain whitefish	2
						Northern pikeminnow	2
						Prickly sculpin	1
						Redside shiner	8
				15:25	3.7		
						Prickly sculpin	1
		10/17/2009					
			DOWNSTREAM				
				11:15	19.8		
						Lake chub	2
						Longnose sucker	2
						Largescale sucker	5
						Northern pikeminnow	1
						Prickly sculpin	1
						Redside shiner	7
				15:10	3.9		
						Lake chub	1
		10/18/2009					
			DOWNSTREAM				
				10:20	19.2		
						Arctic grayling	1
						Lake chub	1
						Longnose dace	1
						Longnose sucker	9
						Largescale sucker	1
						Mountain whitefish	8
						Redside shiner	7
				15:00	4.7		
						Lake chub	1
						Longnose sucker	1
						Redside shiner	1
		10/19/2009					
			DOWNSTREAM				
				11:00	20.0		
						Bull trout	1
						Longnose sucker	4
						Mountain whitefish	4
						Redside shiner	5

Appendix D Table D1. Fish trap effort and catch, Site C tributaries fall fish study 2009.

Waterbody	Trap Type	Date	Direction	Time	Effort (h)	Species	Number
		10/20/2009					
			DOWNSTREAM				
				10:40	18.8		
						Lake chub	4
						Longnose sucker	1
						Northern pikeminnow	1
				15:30	4.8		
						Redside shiner	1
		10/21/2009					
			DOWNSTREAM				
				11:00	19.5		
						Longnose sucker	1
						Mountain whitefish	1
						Prickly sculpin	1
				16:10	5.2		
						Northern pikeminnow	1
		10/22/2009					
			DOWNSTREAM				
				10:15	18.1		
						Prickly sculpin	2
		10/23/2009					
			DOWNSTREAM				
				9:50	18.8		
						Longnose dace	1
						Largescale sucker	2
						Mountain whitefish	3
						Redside shiner	3
						Slimy sculpin	1
		10/24/2009					
			DOWNSTREAM				
				10:40	19.0		
						Largescale sucker	1
						Northern pikeminnow	1

APPENDIX E
Biological Information

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Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	267	MW	310	398	17			0
FISH TRAP	DOWNSTREAM	268	LSU	202	82				0
FISH TRAP	DOWNSTREAM	269	GR	335	458				0
FISH TRAP	DOWNSTREAM	278	LSU	209	98				0
FISH TRAP	DOWNSTREAM	300	LSU	233	136				0
FISH TRAP	DOWNSTREAM	301	LSU	197	78				0
FISH TRAP	DOWNSTREAM	302	LSU	216	108				0
FISH TRAP	DOWNSTREAM	303	CSU	230	144				0
FISH TRAP	DOWNSTREAM	304	LSU	221	122				0
FISH TRAP	DOWNSTREAM	305	LSU	231	130				0
FISH TRAP	DOWNSTREAM	306	LSU	210	122				0
FISH TRAP	DOWNSTREAM	307	LSU	221	114				0
FISH TRAP	DOWNSTREAM	308	LSU	248	196				0
FISH TRAP	DOWNSTREAM	309	LSU	228	138				0
FISH TRAP	DOWNSTREAM	310	LSU	246	168				0
FISH TRAP	DOWNSTREAM	311	LSU	200	96				0
FISH TRAP	DOWNSTREAM	312	LSU	224	120				0
FISH TRAP	DOWNSTREAM	313	LSU	215	114				0
FISH TRAP	DOWNSTREAM	314	LSU	217	114				0
FISH TRAP	DOWNSTREAM	315	LSU	221	128				0
FISH TRAP	DOWNSTREAM	316	CSU	184	68				0
FISH TRAP	DOWNSTREAM	317	LSU	222	128				0
FISH TRAP	DOWNSTREAM	318	LSU	266	218				0
FISH TRAP	DOWNSTREAM	319	CSU	228	134				0
FISH TRAP	DOWNSTREAM	320	LSU	205	98				0
FISH TRAP	DOWNSTREAM	321	LSU	280	240				0
FISH TRAP	DOWNSTREAM	322	LSU	196	84				0
FISH TRAP	DOWNSTREAM	323	LSU	216	112				0
FISH TRAP	DOWNSTREAM	324	LSU	240	151				0
FISH TRAP	DOWNSTREAM	325	LSU	233	132				0
FISH TRAP	DOWNSTREAM	326	LSU	204	94				0
FISH TRAP	DOWNSTREAM	327	LSU	210	96				0
FISH TRAP	DOWNSTREAM	328	LSU	231					0
FISH TRAP	DOWNSTREAM	329	LSU	220	126				0
FISH TRAP	DOWNSTREAM	330	LSU	186	78				0
FISH TRAP	DOWNSTREAM	331	NP	357	336				0
FISH TRAP	DOWNSTREAM	332	CSU	233	134				0
FISH TRAP	DOWNSTREAM	333	LSU	212	114				0
FISH TRAP	DOWNSTREAM	334	LSU	205	98				0
FISH TRAP	DOWNSTREAM	335	LSU	238	152				0
FISH TRAP	DOWNSTREAM	336	LSU	276	250				0
FISH TRAP	DOWNSTREAM	337	LSU	237	144				0
FISH TRAP	DOWNSTREAM	338	LSU	240	138				0
FISH TRAP	DOWNSTREAM	339	LSU	276	230				0
FISH TRAP	DOWNSTREAM	340	LSU						0
FISH TRAP	DOWNSTREAM	341	LSU	240	140				0
FISH TRAP	DOWNSTREAM	342	LSU	265	214				0
FISH TRAP	DOWNSTREAM	343	LSU	235	158				0
FISH TRAP	DOWNSTREAM	344	LSU	199	90				0
FISH TRAP	DOWNSTREAM	345	LSU	195					0
FISH TRAP	DOWNSTREAM	346	LSU	260					0
FISH TRAP	DOWNSTREAM	347	CSU	246					0
FISH TRAP	DOWNSTREAM	348	LSU	232					0
FISH TRAP	DOWNSTREAM	349	LSU	238					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	350	LSU	230					0
FISH TRAP	DOWNSTREAM	351	LSU	213					0
FISH TRAP	DOWNSTREAM	352	LSU	225					0
FISH TRAP	DOWNSTREAM	353	LSU	208					0
FISH TRAP	DOWNSTREAM	354	LSU	197					0
FISH TRAP	DOWNSTREAM	355	LSU	216					0
FISH TRAP	DOWNSTREAM	356	LSU	211					0
FISH TRAP	DOWNSTREAM	357	LSU	242					0
FISH TRAP	DOWNSTREAM	358	LSU	205					0
FISH TRAP	DOWNSTREAM	359	LSU	230					0
FISH TRAP	DOWNSTREAM	360	LSU	268					0
FISH TRAP	DOWNSTREAM	361	LSU	224					0
FISH TRAP	DOWNSTREAM	410	LSU	204					0
FISH TRAP	DOWNSTREAM	411	LSU	200					0
FISH TRAP	DOWNSTREAM	412	LSU	193					0
FISH TRAP	DOWNSTREAM	413	LSU	202					0
FISH TRAP	DOWNSTREAM	414	LSU	213					0
FISH TRAP	DOWNSTREAM	420	LSU	211	112				0
FISH TRAP	DOWNSTREAM	437	NP	370	338				0
FISH TRAP	DOWNSTREAM	438	LSU	215					0
FISH TRAP	DOWNSTREAM	439	LSU	226					0
FISH TRAP	DOWNSTREAM	440	CSU	227					0
FISH TRAP	DOWNSTREAM	441	LSU	230					0
FISH TRAP	DOWNSTREAM	442	LSU	213					0
FISH TRAP	DOWNSTREAM	443	LSU	271					0
FISH TRAP	DOWNSTREAM	444	LSU	187					0
FISH TRAP	DOWNSTREAM	445	CSU	178					0
FISH TRAP	DOWNSTREAM	446	LSU	227					0
FISH TRAP	DOWNSTREAM	447	LSU	226					0
FISH TRAP	DOWNSTREAM	448	LSU	193					0
FISH TRAP	DOWNSTREAM	449	LSU	198					0
FISH TRAP	DOWNSTREAM	450	LSU	230					0
FISH TRAP	DOWNSTREAM	451	CSU	197					0
FISH TRAP	DOWNSTREAM	464	GR						1
FISH TRAP	DOWNSTREAM	478	GR	344					0
FISH TRAP	DOWNSTREAM	479	MW						1
FISH TRAP	DOWNSTREAM	607	LSU	214					0
FISH TRAP	DOWNSTREAM	608	MW	310		8			0
FISH TRAP	DOWNSTREAM	609	MW	330		17			1
FISH TRAP	DOWNSTREAM	642	BB	202					1
FISH TRAP	DOWNSTREAM	643	LSU	203					0
FISH TRAP	DOWNSTREAM	644	LSU	184					0
FISH TRAP	DOWNSTREAM	645	LSU	218					0
FISH TRAP	DOWNSTREAM	646	LSU	205					0
FISH TRAP	DOWNSTREAM	647	LSU	185					0
FISH TRAP	DOWNSTREAM	752	LSU	230					0
FISH TRAP	DOWNSTREAM	785	LSU	210					0
FISH TRAP	DOWNSTREAM	786	LSU	214					0
FISH TRAP	DOWNSTREAM	798	CSU	209					0
FISH TRAP	DOWNSTREAM	799	LSU	210					0
FISH TRAP	DOWNSTREAM	800	LSU	192					0
FISH TRAP	DOWNSTREAM	801	LSU	212					0
FISH TRAP	DOWNSTREAM	802	LSU	227					0
FISH TRAP	DOWNSTREAM	803	LSU	247					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	804	LSU	231					0
FISH TRAP	DOWNSTREAM	805	LSU	211					0
FISH TRAP	DOWNSTREAM	806	LSU	210					0
FISH TRAP	DOWNSTREAM	807	LSU	211					0
FISH TRAP	DOWNSTREAM	808	LSU	203					0
FISH TRAP	DOWNSTREAM	809	LSU	216					0
FISH TRAP	DOWNSTREAM	944	GR	248					0
FISH TRAP	DOWNSTREAM	1048	MW	291					1
FISH TRAP	DOWNSTREAM	1049	MW						1
FISH TRAP	DOWNSTREAM	1050	MW						1
FISH TRAP	DOWNSTREAM	1051	LSU	220					0
FISH TRAP	DOWNSTREAM	1222	MW	184					0
FISH TRAP	DOWNSTREAM	1223	MW	326					1
FISH TRAP	DOWNSTREAM	1259	MW	291		8			0
FISH TRAP	DOWNSTREAM	1433	LNC	236					0
FISH TRAP	DOWNSTREAM	1434	MW	332		18			0
FISH TRAP	DOWNSTREAM	1437	NP	605					0
FISH TRAP	DOWNSTREAM	1438	MW	274					1
FISH TRAP	DOWNSTREAM	1439	LSU	191					0
FISH TRAP	DOWNSTREAM	1440	LSU	264					0
FISH TRAP	DOWNSTREAM	1441	LSU	211					0
FISH TRAP	DOWNSTREAM	1442	LSU	204					0
FISH TRAP	DOWNSTREAM	1443	LSU	207					0
FISH TRAP	DOWNSTREAM	1444	LSU	225					0
FISH TRAP	DOWNSTREAM	1445	LSU	211					0
FISH TRAP	DOWNSTREAM	1446	LSU	236					0
FISH TRAP	DOWNSTREAM	1447	LSU	247					0
FISH TRAP	DOWNSTREAM	1448	LSU	211					0
FISH TRAP	DOWNSTREAM	1449	LSU	212					0
FISH TRAP	DOWNSTREAM	1450	LSU	210					0
FISH TRAP	DOWNSTREAM	1451	LSU	214					0
FISH TRAP	DOWNSTREAM	1452	LSU	198					0
FISH TRAP	DOWNSTREAM	1453	LSU	227					0
FISH TRAP	DOWNSTREAM	1454	LSU	233					0
FISH TRAP	DOWNSTREAM	1455	LSU	235					0
FISH TRAP	DOWNSTREAM	1456	LSU	201					0
FISH TRAP	DOWNSTREAM	1457	LSU	228					0
FISH TRAP	DOWNSTREAM	1458	LSU	222					0
FISH TRAP	DOWNSTREAM	1459	LSU	206					0
FISH TRAP	DOWNSTREAM	1460	LSU	190					0
FISH TRAP	DOWNSTREAM	1461	LSU	230					0
FISH TRAP	DOWNSTREAM	1462	LSU	179					0
FISH TRAP	DOWNSTREAM	1463	LSU	220					0
FISH TRAP	DOWNSTREAM	1464	WSC	246					0
FISH TRAP	DOWNSTREAM	1465	LSU	219					0
FISH TRAP	DOWNSTREAM	1466	LSU	203					0
FISH TRAP	DOWNSTREAM	1467	LSU	263					0
FISH TRAP	DOWNSTREAM	1468	LSU	194					0
FISH TRAP	DOWNSTREAM	1469	LSU	205					0
FISH TRAP	DOWNSTREAM	1470	LSU	200					0
FISH TRAP	DOWNSTREAM	1471	LSU	219					0
FISH TRAP	DOWNSTREAM	1472	LSU	213					0
FISH TRAP	DOWNSTREAM	1473	LSU	222					0
FISH TRAP	DOWNSTREAM	1474	LSU	227					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1475	LSU	202					0
FISH TRAP	DOWNSTREAM	1476	LSU	188					0
FISH TRAP	DOWNSTREAM	1477	CSU	195					0
FISH TRAP	DOWNSTREAM	1478	LSU	220					0
FISH TRAP	DOWNSTREAM	1479	LSU	212					0
FISH TRAP	DOWNSTREAM	1480	LSU	202					0
FISH TRAP	DOWNSTREAM	1481	LSU	197					0
FISH TRAP	DOWNSTREAM	1482	LSU	215					0
FISH TRAP	DOWNSTREAM	1483	MW	334					1
FISH TRAP	DOWNSTREAM	1484	MW	292					1
FISH TRAP	DOWNSTREAM	1505	MW	370		18	PIT	965000000072612	2
FISH TRAP	DOWNSTREAM	1506	MW	238		8			0
FISH TRAP	DOWNSTREAM	1507	BT	385					0
FISH TRAP	DOWNSTREAM	1508	LSU	236					0
FISH TRAP	DOWNSTREAM	1509	LSU	254					0
FISH TRAP	DOWNSTREAM	1510	LSU	203					0
FISH TRAP	DOWNSTREAM	1511	LSU	214					0
FISH TRAP	DOWNSTREAM	1512	LSU	224					0
FISH TRAP	DOWNSTREAM	1513	LSU	198					0
FISH TRAP	DOWNSTREAM	1514	LSU	183					0
FISH TRAP	DOWNSTREAM	1515	LSU	212					0
FISH TRAP	DOWNSTREAM	1516	LSU	240					0
FISH TRAP	DOWNSTREAM	1517	LSU	205					0
FISH TRAP	DOWNSTREAM	1518	NSC	233					0
FISH TRAP	DOWNSTREAM	1519	CSU	240					0
FISH TRAP	DOWNSTREAM	1520	BT	410			PIT	965000000085734	2
FISH TRAP	DOWNSTREAM	1521	CSU	256					0
FISH TRAP	DOWNSTREAM	1522	NSC	236					0
FISH TRAP	DOWNSTREAM	1523	CSU	200					0
FISH TRAP	DOWNSTREAM	1524	GR	255					0
FISH TRAP	DOWNSTREAM	1525	WSC	318					0
FISH TRAP	DOWNSTREAM	1526	CSU	220					0
FISH TRAP	DOWNSTREAM	1527	CSU	221					0
FISH TRAP	DOWNSTREAM	1528	CSU	197					0
FISH TRAP	DOWNSTREAM	1529	CSU	217					0
FISH TRAP	DOWNSTREAM	1530	WSC	195					0
FISH TRAP	DOWNSTREAM	1531	CSU	240					0
FISH TRAP	DOWNSTREAM	1532	CSU	170					0
FISH TRAP	DOWNSTREAM	1539	LSU	209					0
FISH TRAP	DOWNSTREAM	1540	LSU	228					0
FISH TRAP	DOWNSTREAM	1541	LSU	230					0
FISH TRAP	DOWNSTREAM	1542	LSU						0
FISH TRAP	DOWNSTREAM	1543	LSU						0
FISH TRAP	DOWNSTREAM	1544	LSU						0
FISH TRAP	DOWNSTREAM	1545	LSU						0
FISH TRAP	DOWNSTREAM	1546	LSU						0
FISH TRAP	DOWNSTREAM	1547	LSU						0
FISH TRAP	DOWNSTREAM	1548	LSU						0
FISH TRAP	DOWNSTREAM	1549	LSU						0
FISH TRAP	DOWNSTREAM	1550	LSU						0
FISH TRAP	DOWNSTREAM	1551	LSU						0
FISH TRAP	DOWNSTREAM	1552	LSU						0
FISH TRAP	DOWNSTREAM	1553	LSU						0
FISH TRAP	DOWNSTREAM	1554	LSU						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1555	LSU						0
FISH TRAP	DOWNSTREAM	1556	LSU						0
FISH TRAP	DOWNSTREAM	1557	LSU						0
FISH TRAP	DOWNSTREAM	1558	LSU						0
FISH TRAP	DOWNSTREAM	1559	LSU						0
FISH TRAP	DOWNSTREAM	1560	LSU						0
FISH TRAP	DOWNSTREAM	1561	LSU						0
FISH TRAP	DOWNSTREAM	1562	LSU						0
FISH TRAP	DOWNSTREAM	1563	LSU						0
FISH TRAP	DOWNSTREAM	1564	LSU						0
FISH TRAP	DOWNSTREAM	1565	LSU						0
FISH TRAP	DOWNSTREAM	1566	LSU						0
FISH TRAP	DOWNSTREAM	1567	LSU						0
FISH TRAP	DOWNSTREAM	1568	LSU						0
FISH TRAP	DOWNSTREAM	1569	LSU						0
FISH TRAP	DOWNSTREAM	1570	LSU						0
FISH TRAP	DOWNSTREAM	1571	LSU						0
FISH TRAP	DOWNSTREAM	1572	LSU						0
FISH TRAP	DOWNSTREAM	1573	LSU						0
FISH TRAP	DOWNSTREAM	1574	LSU						0
FISH TRAP	DOWNSTREAM	1575	LSU						0
FISH TRAP	DOWNSTREAM	1576	LSU						0
FISH TRAP	DOWNSTREAM	1577	LSU						0
FISH TRAP	DOWNSTREAM	1578	LSU						0
FISH TRAP	DOWNSTREAM	1579	LSU						0
FISH TRAP	DOWNSTREAM	1580	LSU						0
FISH TRAP	DOWNSTREAM	1581	LSU						0
FISH TRAP	DOWNSTREAM	1582	LSU						0
FISH TRAP	DOWNSTREAM	1583	LSU						0
FISH TRAP	DOWNSTREAM	1584	LSU						0
FISH TRAP	DOWNSTREAM	1585	LSU						0
FISH TRAP	DOWNSTREAM	1586	LSU						0
FISH TRAP	DOWNSTREAM	1587	LSU						0
FISH TRAP	DOWNSTREAM	1588	LSU						0
FISH TRAP	DOWNSTREAM	1589	LSU						0
FISH TRAP	DOWNSTREAM	1590	LSU						0
FISH TRAP	DOWNSTREAM	1591	LSU						0
FISH TRAP	DOWNSTREAM	1592	LSU						0
FISH TRAP	DOWNSTREAM	1593	LSU						0
FISH TRAP	DOWNSTREAM	1594	LSU						0
FISH TRAP	DOWNSTREAM	1595	LSU						0
FISH TRAP	DOWNSTREAM	1596	LSU						0
FISH TRAP	DOWNSTREAM	1597	LSU						0
FISH TRAP	DOWNSTREAM	1598	LSU						0
FISH TRAP	DOWNSTREAM	1599	LSU						0
FISH TRAP	DOWNSTREAM	1600	LSU						0
FISH TRAP	DOWNSTREAM	1601	LSU						0
FISH TRAP	DOWNSTREAM	1602	LSU						0
FISH TRAP	DOWNSTREAM	1603	LSU						0
FISH TRAP	DOWNSTREAM	1604	LSU						0
FISH TRAP	DOWNSTREAM	1605	LSU						0
FISH TRAP	DOWNSTREAM	1606	LSU						0
FISH TRAP	DOWNSTREAM	1607	LSU						0
FISH TRAP	DOWNSTREAM	1608	LSU						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1609	LSU						0
FISH TRAP	DOWNSTREAM	1610	LSU						0
FISH TRAP	DOWNSTREAM	1611	LSU						0
FISH TRAP	DOWNSTREAM	1612	LSU						0
FISH TRAP	DOWNSTREAM	1613	LSU						0
FISH TRAP	DOWNSTREAM	1614	LSU						0
FISH TRAP	DOWNSTREAM	1615	LSU						0
FISH TRAP	DOWNSTREAM	1616	LSU						0
FISH TRAP	DOWNSTREAM	1617	LSU						0
FISH TRAP	DOWNSTREAM	1618	LSU						0
FISH TRAP	DOWNSTREAM	1619	LSU						0
FISH TRAP	DOWNSTREAM	1620	LSU						0
FISH TRAP	DOWNSTREAM	1621	LSU						0
FISH TRAP	DOWNSTREAM	1622	LSU						0
FISH TRAP	DOWNSTREAM	1623	LSU						0
FISH TRAP	DOWNSTREAM	1624	LSU						0
FISH TRAP	DOWNSTREAM	1625	LSU						0
FISH TRAP	DOWNSTREAM	1626	LSU						0
FISH TRAP	DOWNSTREAM	1627	LSU						0
FISH TRAP	DOWNSTREAM	1628	LSU						0
FISH TRAP	DOWNSTREAM	1629	LSU						0
FISH TRAP	DOWNSTREAM	1630	LSU						0
FISH TRAP	DOWNSTREAM	1631	LSU						0
FISH TRAP	DOWNSTREAM	1632	LSU						0
FISH TRAP	DOWNSTREAM	1633	LSU						0
FISH TRAP	DOWNSTREAM	1634	LSU						0
FISH TRAP	DOWNSTREAM	1635	LSU						0
FISH TRAP	DOWNSTREAM	1636	LSU						0
FISH TRAP	DOWNSTREAM	1637	LSU						0
FISH TRAP	DOWNSTREAM	1638	LSU						0
FISH TRAP	DOWNSTREAM	1639	LSU						0
FISH TRAP	DOWNSTREAM	1640	LSU						0
FISH TRAP	DOWNSTREAM	1641	LSU						0
FISH TRAP	DOWNSTREAM	1642	LSU						0
FISH TRAP	DOWNSTREAM	1643	LSU						0
FISH TRAP	DOWNSTREAM	1644	LSU						0
FISH TRAP	DOWNSTREAM	1645	LSU						0
FISH TRAP	DOWNSTREAM	1646	LSU						0
FISH TRAP	DOWNSTREAM	1647	LSU						0
FISH TRAP	DOWNSTREAM	1648	LSU						0
FISH TRAP	DOWNSTREAM	1649	LSU						0
FISH TRAP	DOWNSTREAM	1650	LSU						0
FISH TRAP	DOWNSTREAM	1651	LSU						0
FISH TRAP	DOWNSTREAM	1652	LSU						0
FISH TRAP	DOWNSTREAM	1653	LSU						0
FISH TRAP	DOWNSTREAM	1654	LSU						0
FISH TRAP	DOWNSTREAM	1655	LSU						0
FISH TRAP	DOWNSTREAM	1656	LSU						0
FISH TRAP	DOWNSTREAM	1657	LSU						0
FISH TRAP	DOWNSTREAM	1658	LSU						0
FISH TRAP	DOWNSTREAM	1659	LSU						0
FISH TRAP	DOWNSTREAM	1660	LSU						0
FISH TRAP	DOWNSTREAM	1661	LSU						0
FISH TRAP	DOWNSTREAM	1662	LSU						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1663	LSU						0
FISH TRAP	DOWNSTREAM	1664	LSU						0
FISH TRAP	DOWNSTREAM	1665	LSU						0
FISH TRAP	DOWNSTREAM	1666	LSU						0
FISH TRAP	DOWNSTREAM	1667	LSU						0
FISH TRAP	DOWNSTREAM	1668	NSC	218					0
FISH TRAP	DOWNSTREAM	1669	LSU	228					0
FISH TRAP	DOWNSTREAM	1670	LSU	200					0
FISH TRAP	DOWNSTREAM	1671	LSU	228					0
FISH TRAP	DOWNSTREAM	1672	LSU	205					0
FISH TRAP	DOWNSTREAM	1673	LSU	200					0
FISH TRAP	DOWNSTREAM	1674	BB	343					0
FISH TRAP	DOWNSTREAM	1677	LSU	211					0
FISH TRAP	DOWNSTREAM	1678	LSU						0
FISH TRAP	DOWNSTREAM	1679	LSU						0
FISH TRAP	DOWNSTREAM	1680	LSU						0
FISH TRAP	DOWNSTREAM	1681	LSU						0
FISH TRAP	DOWNSTREAM	1682	LSU						0
FISH TRAP	DOWNSTREAM	1683	LSU						0
FISH TRAP	DOWNSTREAM	1684	LSU						0
FISH TRAP	DOWNSTREAM	1685	LSU						0
FISH TRAP	DOWNSTREAM	1686	LSU						0
FISH TRAP	DOWNSTREAM	1687	LSU						0
FISH TRAP	DOWNSTREAM	1688	MW	330		8	PIT	0A00736075	2
FISH TRAP	DOWNSTREAM	1689	LSU	192					0
FISH TRAP	DOWNSTREAM	1690	LSU	281					0
FISH TRAP	DOWNSTREAM	1691	WSC	192					1
FISH TRAP	DOWNSTREAM	1701	MW	281		8			0
FISH TRAP	DOWNSTREAM	1702	LSU	201					0
FISH TRAP	DOWNSTREAM	1703	LSU	192					0
FISH TRAP	DOWNSTREAM	1704	LSU	224					0
FISH TRAP	DOWNSTREAM	1705	LSU	219					0
FISH TRAP	DOWNSTREAM	1706	LSU	240					0
FISH TRAP	DOWNSTREAM	1707	LSU	205					0
FISH TRAP	DOWNSTREAM	1708	LSU	186					0
FISH TRAP	DOWNSTREAM	1709	LSU	167					0
FISH TRAP	DOWNSTREAM	1710	LSU	190					0
FISH TRAP	DOWNSTREAM	1711	LSU	205					0
FISH TRAP	DOWNSTREAM	1712	LSU	213					0
FISH TRAP	DOWNSTREAM	1713	LSU	185					0
FISH TRAP	DOWNSTREAM	1714	LSU	192					0
FISH TRAP	DOWNSTREAM	1715	CSU	200					0
FISH TRAP	DOWNSTREAM	1716	LSU	212					0
FISH TRAP	DOWNSTREAM	1717	LSU	237					0
FISH TRAP	DOWNSTREAM	1718	LSU	220					0
FISH TRAP	DOWNSTREAM	1719	LSU	229					0
FISH TRAP	DOWNSTREAM	1720	LSU	234					0
FISH TRAP	DOWNSTREAM	1721	LSU	219					0
FISH TRAP	DOWNSTREAM	1722	LSU	230					0
FISH TRAP	DOWNSTREAM	1723	LSU	214					0
FISH TRAP	DOWNSTREAM	1724	LSU	196					0
FISH TRAP	DOWNSTREAM	1725	LSU	188					0
FISH TRAP	DOWNSTREAM	1726	LSU	244					0
FISH TRAP	DOWNSTREAM	1727	LSU	204					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1728	LSU	218					0
FISH TRAP	DOWNSTREAM	1729	LSU	196					0
FISH TRAP	DOWNSTREAM	1730	CSU	204					0
FISH TRAP	DOWNSTREAM	1731	CSU	237					0
FISH TRAP	DOWNSTREAM	1732	LSU	205					0
FISH TRAP	DOWNSTREAM	1733	LSU	229					0
FISH TRAP	DOWNSTREAM	1734	LSU	190					0
FISH TRAP	DOWNSTREAM	1735	CSU	215					0
FISH TRAP	DOWNSTREAM	1736	LSU	207					0
FISH TRAP	DOWNSTREAM	1737	WSC	197					0
FISH TRAP	DOWNSTREAM	1738	LSU	237					0
FISH TRAP	DOWNSTREAM	1739	LSU	264					0
FISH TRAP	DOWNSTREAM	1740	LSU	205					0
FISH TRAP	DOWNSTREAM	1741	LSU	206					0
FISH TRAP	DOWNSTREAM	1742	LSU	234					0
FISH TRAP	DOWNSTREAM	1743	LSU	205					0
FISH TRAP	DOWNSTREAM	1744	LSU	213					0
FISH TRAP	DOWNSTREAM	1745	LSU	192					0
FISH TRAP	DOWNSTREAM	1746	LSU	232					0
FISH TRAP	DOWNSTREAM	1789	LSU	219					0
FISH TRAP	DOWNSTREAM	1790	LSU	206					0
FISH TRAP	DOWNSTREAM	1818	LSU	262					0
FISH TRAP	DOWNSTREAM	1819	LSU	215					0
FISH TRAP	DOWNSTREAM	1820	LSU	250					0
FISH TRAP	DOWNSTREAM	1821	LSU	205					0
FISH TRAP	DOWNSTREAM	1822	LSU	208					0
FISH TRAP	DOWNSTREAM	1823	LSU	240					0
FISH TRAP	DOWNSTREAM	1824	LSU	200					0
FISH TRAP	DOWNSTREAM	1825	LSU	245					0
FISH TRAP	DOWNSTREAM	1826	LSU	190					0
FISH TRAP	DOWNSTREAM	1827	CSU	206					0
FISH TRAP	DOWNSTREAM	1828	LSU	214					0
FISH TRAP	DOWNSTREAM	1829	LSU	214					0
FISH TRAP	DOWNSTREAM	1830	LSU	223					0
FISH TRAP	DOWNSTREAM	1831	LSU	217					0
FISH TRAP	DOWNSTREAM	1832	LSU	223					0
FISH TRAP	DOWNSTREAM	1833	LSU	214					0
FISH TRAP	DOWNSTREAM	1834	LSU	202					0
FISH TRAP	DOWNSTREAM	1835	LSU	182					0
FISH TRAP	DOWNSTREAM	1836	LSU	219					0
FISH TRAP	DOWNSTREAM	1837	LSU	202					0
FISH TRAP	DOWNSTREAM	1838	LSU	200					0
FISH TRAP	DOWNSTREAM	1839	LSU	220					0
FISH TRAP	DOWNSTREAM	1840	LSU	220					0
FISH TRAP	DOWNSTREAM	1841	LSU	225					0
FISH TRAP	DOWNSTREAM	1842	LSU	210					0
FISH TRAP	DOWNSTREAM	1843	LSU	214					0
FISH TRAP	DOWNSTREAM	1844	LSU	231					0
FISH TRAP	DOWNSTREAM	1845	LSU	204					0
FISH TRAP	DOWNSTREAM	1846	LSU	210					0
FISH TRAP	DOWNSTREAM	1847	LSU	200					0
FISH TRAP	DOWNSTREAM	1848	LSU	215					0
FISH TRAP	DOWNSTREAM	1849	LSU	198					0
FISH TRAP	DOWNSTREAM	1850	LSU	221					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1851	LSU	208					0
FISH TRAP	DOWNSTREAM	1852	LSU	225					0
FISH TRAP	DOWNSTREAM	1853	LSU	226					0
FISH TRAP	DOWNSTREAM	1854	LSU	222					0
FISH TRAP	DOWNSTREAM	1855	LSU	242					0
FISH TRAP	DOWNSTREAM	1856	LSU	197					0
FISH TRAP	DOWNSTREAM	1857	LSU	227					0
FISH TRAP	DOWNSTREAM	1858	LSU	218					0
FISH TRAP	DOWNSTREAM	1859	LSU	204					0
FISH TRAP	DOWNSTREAM	1860	LSU	205					0
FISH TRAP	DOWNSTREAM	1861	LSU	217					0
FISH TRAP	DOWNSTREAM	1862	LSU	201					0
FISH TRAP	DOWNSTREAM	1863	LSU	225					0
FISH TRAP	DOWNSTREAM	1864	LSU	221					0
FISH TRAP	DOWNSTREAM	1865	LSU	249					0
FISH TRAP	DOWNSTREAM	1866	LSU	209					0
FISH TRAP	DOWNSTREAM	1867	LSU	217					0
FISH TRAP	DOWNSTREAM	1868	LSU	219					0
FISH TRAP	DOWNSTREAM	1869	CSU	237					0
FISH TRAP	DOWNSTREAM	1870	CSU	203					0
FISH TRAP	DOWNSTREAM	1871	CSU	199					0
FISH TRAP	DOWNSTREAM	1872	LSU						0
FISH TRAP	DOWNSTREAM	1873	LSU						0
FISH TRAP	DOWNSTREAM	1874	LSU						0
FISH TRAP	DOWNSTREAM	1875	LSU						0
FISH TRAP	DOWNSTREAM	1876	LSU						0
FISH TRAP	DOWNSTREAM	1877	LSU						0
FISH TRAP	DOWNSTREAM	1878	LSU						0
FISH TRAP	DOWNSTREAM	1879	LSU						0
FISH TRAP	DOWNSTREAM	1880	LSU						0
FISH TRAP	DOWNSTREAM	1881	LSU						0
FISH TRAP	DOWNSTREAM	1882	LSU						0
FISH TRAP	DOWNSTREAM	1883	LSU						0
FISH TRAP	DOWNSTREAM	1884	LSU						0
FISH TRAP	DOWNSTREAM	1885	LSU						0
FISH TRAP	DOWNSTREAM	1886	LSU						0
FISH TRAP	DOWNSTREAM	1887	LSU						0
FISH TRAP	DOWNSTREAM	1888	LSU						0
FISH TRAP	DOWNSTREAM	1889	LSU						0
FISH TRAP	DOWNSTREAM	1890	LSU						0
FISH TRAP	DOWNSTREAM	1891	LSU						0
FISH TRAP	DOWNSTREAM	1892	LSU						0
FISH TRAP	DOWNSTREAM	1893	LSU						0
FISH TRAP	DOWNSTREAM	1894	LSU						0
FISH TRAP	DOWNSTREAM	1895	LSU						0
FISH TRAP	DOWNSTREAM	1896	LSU						0
FISH TRAP	DOWNSTREAM	1897	LSU						0
FISH TRAP	DOWNSTREAM	1898	LSU						0
FISH TRAP	DOWNSTREAM	1899	LSU						0
FISH TRAP	DOWNSTREAM	1900	LSU						0
FISH TRAP	DOWNSTREAM	1901	LSU						0
FISH TRAP	DOWNSTREAM	1902	LSU						0
FISH TRAP	DOWNSTREAM	1903	LSU						0
FISH TRAP	DOWNSTREAM	1904	LSU						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	1905	LSU						0
FISH TRAP	DOWNSTREAM	1906	LSU						0
FISH TRAP	DOWNSTREAM	1907	LSU						0
FISH TRAP	DOWNSTREAM	1908	LSU						0
FISH TRAP	DOWNSTREAM	1909	LSU						0
FISH TRAP	DOWNSTREAM	1910	LSU						0
FISH TRAP	DOWNSTREAM	1911	LSU						0
FISH TRAP	DOWNSTREAM	1912	LSU						0
FISH TRAP	DOWNSTREAM	1913	LSU						0
FISH TRAP	DOWNSTREAM	1914	LSU						0
FISH TRAP	DOWNSTREAM	1915	LSU						0
FISH TRAP	DOWNSTREAM	1916	LSU						0
FISH TRAP	DOWNSTREAM	1917	LSU						0
FISH TRAP	DOWNSTREAM	1918	LSU						0
FISH TRAP	DOWNSTREAM	1919	LSU						0
FISH TRAP	DOWNSTREAM	1920	LSU						0
FISH TRAP	DOWNSTREAM	1921	LSU						0
FISH TRAP	DOWNSTREAM	1922	LSU						0
FISH TRAP	DOWNSTREAM	1923	LSU						0
FISH TRAP	DOWNSTREAM	1924	LSU						0
FISH TRAP	DOWNSTREAM	1925	LSU						0
FISH TRAP	DOWNSTREAM	1926	LSU						0
FISH TRAP	DOWNSTREAM	1927	LSU						0
FISH TRAP	DOWNSTREAM	1928	LSU						0
FISH TRAP	DOWNSTREAM	1929	LSU						0
FISH TRAP	DOWNSTREAM	1930	LSU						0
FISH TRAP	DOWNSTREAM	1951	BB	158					0
FISH TRAP	DOWNSTREAM	1952	LSU	211					0
FISH TRAP	DOWNSTREAM	1953	MW	345		8			0
FISH TRAP	DOWNSTREAM	1986	MW	303		8			0
FISH TRAP	DOWNSTREAM	1987	MW	304		18			0
FISH TRAP	DOWNSTREAM	1988	LSU	241					0
FISH TRAP	DOWNSTREAM	1989	LSU	225					0
FISH TRAP	DOWNSTREAM	1990	MW	304		8			0
FISH TRAP	DOWNSTREAM	1991	LSU	248					0
FISH TRAP	DOWNSTREAM	1992	LSU	225					0
FISH TRAP	DOWNSTREAM	1993	LSU	221					0
FISH TRAP	DOWNSTREAM	1994	LSU	216					0
FISH TRAP	DOWNSTREAM	1995	LSU	199					0
FISH TRAP	DOWNSTREAM	1996	LSU	216					0
FISH TRAP	DOWNSTREAM	1997	LSU	224					0
FISH TRAP	DOWNSTREAM	1998	LSU	222					0
FISH TRAP	DOWNSTREAM	1999	LSU	190					0
FISH TRAP	DOWNSTREAM	2000	MW	275		18			0
FISH TRAP	DOWNSTREAM	2001	CSU	222					0
FISH TRAP	DOWNSTREAM	2002	LSU	236					0
FISH TRAP	DOWNSTREAM	2003	LSU	192					0
FISH TRAP	DOWNSTREAM	2004	LSU	203					0
FISH TRAP	DOWNSTREAM	2005	LSU	216					0
FISH TRAP	DOWNSTREAM	2006	LSU	194					0
FISH TRAP	DOWNSTREAM	2007	LSU	218					0
FISH TRAP	DOWNSTREAM	2008	LSU	234					0
FISH TRAP	DOWNSTREAM	2009	LSU	184					0
FISH TRAP	DOWNSTREAM	2010	LSU	192					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	2011	LSU	230					0
FISH TRAP	DOWNSTREAM	2012	LSU	198					0
FISH TRAP	DOWNSTREAM	2013	LSU	203					0
FISH TRAP	DOWNSTREAM	2014	CSU	199					0
FISH TRAP	DOWNSTREAM	2015	LSU	190					0
FISH TRAP	DOWNSTREAM	2016	LSU	226					0
FISH TRAP	DOWNSTREAM	2017	LSU	190					0
FISH TRAP	DOWNSTREAM	2018	LSU	212					0
FISH TRAP	DOWNSTREAM	2019	LSU	240					0
FISH TRAP	DOWNSTREAM	2020	LSU	199					0
FISH TRAP	DOWNSTREAM	2021	LSU	201					0
FISH TRAP	DOWNSTREAM	2022	LSU	220					0
FISH TRAP	DOWNSTREAM	2023	LSU	224					0
FISH TRAP	DOWNSTREAM	2024	LSU	232					0
FISH TRAP	DOWNSTREAM	2025	CSU	192					0
FISH TRAP	DOWNSTREAM	2026	LSU	220					0
FISH TRAP	DOWNSTREAM	2027	LSU	247					0
FISH TRAP	DOWNSTREAM	2028	LSU	205					0
FISH TRAP	DOWNSTREAM	2029	LSU	194					0
FISH TRAP	DOWNSTREAM	2030	LSU	210					0
FISH TRAP	DOWNSTREAM	2031	LSU	211					0
FISH TRAP	DOWNSTREAM	2032	LSU	224					0
FISH TRAP	DOWNSTREAM	2033	NSC	145					0
FISH TRAP	DOWNSTREAM	2034	LSU	207					0
FISH TRAP	DOWNSTREAM	2035	LSU	210					0
FISH TRAP	DOWNSTREAM	2036	LSU	210					0
FISH TRAP	DOWNSTREAM	2037	LSU	193					0
FISH TRAP	DOWNSTREAM	2038	LSU	200					0
FISH TRAP	DOWNSTREAM	2039	LSU	224					0
FISH TRAP	DOWNSTREAM	2059	LSU	202					0
FISH TRAP	DOWNSTREAM	2060	LSU	192					0
FISH TRAP	DOWNSTREAM	2061	LSU	223					0
FISH TRAP	DOWNSTREAM	2062	LSU	220					0
FISH TRAP	DOWNSTREAM	2065	MW	315		18			0
FISH TRAP	DOWNSTREAM	2066	MW	300		8			0
FISH TRAP	DOWNSTREAM	2067	LSU	251					0
FISH TRAP	DOWNSTREAM	2068	LSU	217					0
FISH TRAP	DOWNSTREAM	2069	LSU	224					0
FISH TRAP	DOWNSTREAM	2070	LSU	232					0
FISH TRAP	DOWNSTREAM	2071	LSU	211					0
FISH TRAP	DOWNSTREAM	2072	LSU	235					0
FISH TRAP	DOWNSTREAM	2073	LSU	210					0
FISH TRAP	DOWNSTREAM	2074	LSU	249					0
FISH TRAP	DOWNSTREAM	2075	LSU	198					0
FISH TRAP	DOWNSTREAM	2076	LSU	245					0
FISH TRAP	DOWNSTREAM	2077	LSU	222					0
FISH TRAP	DOWNSTREAM	2078	LSU	243					0
FISH TRAP	DOWNSTREAM	2079	LSU	201					0
FISH TRAP	DOWNSTREAM	2125	MW	357		18			0
FISH TRAP	DOWNSTREAM	2126	LSU	252					0
FISH TRAP	DOWNSTREAM	2127	LSU	203					0
FISH TRAP	DOWNSTREAM	2326	LSU	213					0
FISH TRAP	DOWNSTREAM	2327	GR	273					0
FISH TRAP	DOWNSTREAM	2359	LSU	197					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	2360	LSU	217					0
FISH TRAP	DOWNSTREAM	2361	LSU	227					0
FISH TRAP	DOWNSTREAM	2389	MW	305		18			5
FISH TRAP	DOWNSTREAM	2390	MW	370		18			0
FISH TRAP	DOWNSTREAM	2391	MW	276		18			0
FISH TRAP	DOWNSTREAM	2392	MW	306		18			0
FISH TRAP	DOWNSTREAM	2393	MW	234		8			0
FISH TRAP	DOWNSTREAM	2394	MW	225		8			0
FISH TRAP	DOWNSTREAM	2395	LSU	197					0
FISH TRAP	DOWNSTREAM	2396	LSU	206					0
FISH TRAP	DOWNSTREAM	2397	LSU	212					0
FISH TRAP	DOWNSTREAM	2539	MW	370		18			0
FISH TRAP	DOWNSTREAM	2540	MW	373		19			0
FISH TRAP	DOWNSTREAM	2541	MW	330		18			0
FISH TRAP	DOWNSTREAM	2542	LSU	233					0
FISH TRAP	DOWNSTREAM	2543	MW	265		9			0
FISH TRAP	DOWNSTREAM	2544	LSU	208					0
FISH TRAP	DOWNSTREAM	2545	LSU	229					0
FISH TRAP	DOWNSTREAM	2546	LSU	199					0
FISH TRAP	DOWNSTREAM	2547	LSU	244					0
FISH TRAP	DOWNSTREAM	2548	NSC	215					0
FISH TRAP	DOWNSTREAM	2549	MW	266		19			0
FISH TRAP	DOWNSTREAM	2550	LSU	216					0
FISH TRAP	DOWNSTREAM	2551	LSU	260					0
FISH TRAP	DOWNSTREAM	2812	LSU	119					0
FISH TRAP	DOWNSTREAM	2813	MW	336		18			0
FISH TRAP	DOWNSTREAM	2814	MW	327		18			0
FISH TRAP	DOWNSTREAM	2815	MW	292		18			0
FISH TRAP	DOWNSTREAM	2816	MW	253		18			0
FISH TRAP	DOWNSTREAM	2817	LSU	196					0
FISH TRAP	DOWNSTREAM	2818	MW	306		18			0
FISH TRAP	DOWNSTREAM	2819	MW	275		8			0
FISH TRAP	DOWNSTREAM	2820	LSU	206					0
FISH TRAP	DOWNSTREAM	2857	MW	271		19			0
FISH TRAP	DOWNSTREAM	2858	MW	288		9	PIT	965000000093429	2
FISH TRAP	DOWNSTREAM	2859	MW	292		19			0
FISH TRAP	DOWNSTREAM	2860	LSU	230					0
FISH TRAP	DOWNSTREAM	2861	MW	281		9			0
FISH TRAP	DOWNSTREAM	2862	MW	252		19			0
FISH TRAP	DOWNSTREAM	2863	MW	277		19			0
FISH TRAP	DOWNSTREAM	2864	MW	306		9			1
FISH TRAP	DOWNSTREAM	2865	MW	333		8			1
FISH TRAP	DOWNSTREAM	2866	LSU	212					0
FISH TRAP	DOWNSTREAM	2867	NP	411					0
FISH TRAP	DOWNSTREAM	2868	LSU	219					0
FISH TRAP	DOWNSTREAM	2879	MW	404		19			0
FISH TRAP	DOWNSTREAM	2880	MW	335		19			0
FISH TRAP	DOWNSTREAM	2881	MW	321		19			0
FISH TRAP	DOWNSTREAM	2882	MW	311		19			0
FISH TRAP	DOWNSTREAM	2883	MW	274		19			0
FISH TRAP	DOWNSTREAM	2884	MW	318		19	PIT	965000000247036	2
FISH TRAP	DOWNSTREAM	2885	MW	245		9			0
FISH TRAP	DOWNSTREAM	2886	MW	285		19			0
FISH TRAP	DOWNSTREAM	2887	MW	340		9			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	2888	MW	277		19			0
FISH TRAP	DOWNSTREAM	2889	MW	362		19			0
FISH TRAP	DOWNSTREAM	2890	MW	267		19			0
FISH TRAP	DOWNSTREAM	2891	MW	248		8			0
FISH TRAP	DOWNSTREAM	2892	MW	229					0
FISH TRAP	DOWNSTREAM	2893	MW	323		19			0
FISH TRAP	DOWNSTREAM	2894	MW	333		18			0
FISH TRAP	DOWNSTREAM	2895	MW	332		18			0
FISH TRAP	DOWNSTREAM	2896	MW	287		19			0
FISH TRAP	DOWNSTREAM	2897	MW	292		19			0
FISH TRAP	DOWNSTREAM	2898	MW	276		19			0
FISH TRAP	DOWNSTREAM	2899	MW	417		19			0
FISH TRAP	DOWNSTREAM	2900	MW	252		8			0
FISH TRAP	DOWNSTREAM	2901	MW	299		19			0
FISH TRAP	DOWNSTREAM	2902	MW	280		19			0
FISH TRAP	DOWNSTREAM	2903	MW	280		8			0
FISH TRAP	DOWNSTREAM	2904	MW	295		18			0
FISH TRAP	DOWNSTREAM	2905	MW	236		8			0
FISH TRAP	DOWNSTREAM	2906	MW	283		19			0
FISH TRAP	DOWNSTREAM	2907	MW	261		19			0
FISH TRAP	DOWNSTREAM	2908	MW	299		8			0
FISH TRAP	DOWNSTREAM	2909	MW	262			PIT	965000000070828	2
FISH TRAP	DOWNSTREAM	2910	MW	264		19			0
FISH TRAP	DOWNSTREAM	2911	MW	276		9			0
FISH TRAP	DOWNSTREAM	2912	MW	259		19			0
FISH TRAP	DOWNSTREAM	2913	MW	301		8			0
FISH TRAP	DOWNSTREAM	2914	LSU	194					0
FISH TRAP	DOWNSTREAM	2915	MW	267		19			0
FISH TRAP	DOWNSTREAM	2916	MW	220					0
FISH TRAP	DOWNSTREAM	2917	MW	267		19			0
FISH TRAP	DOWNSTREAM	2918	MW	265		19			0
FISH TRAP	DOWNSTREAM	2919	MW	284		9			0
FISH TRAP	DOWNSTREAM	2920	MW	255		9			0
FISH TRAP	DOWNSTREAM	2921	LSU	302					0
FISH TRAP	DOWNSTREAM	2922	MW	246					0
FISH TRAP	DOWNSTREAM	3030	MW	320		18			0
FISH TRAP	DOWNSTREAM	3031	MW	390		19			0
FISH TRAP	DOWNSTREAM	3032	MW	303		18			0
FISH TRAP	DOWNSTREAM	3033	MW	321		19			0
FISH TRAP	DOWNSTREAM	3034	MW	283		9			0
FISH TRAP	DOWNSTREAM	3035	LSU	370		7			0
FISH TRAP	DOWNSTREAM	3036	MW	332		19			0
FISH TRAP	DOWNSTREAM	3037	MW	258		19			0
FISH TRAP	DOWNSTREAM	3038	MW	245		19			0
FISH TRAP	DOWNSTREAM	3039	MW	273		19			0
FISH TRAP	DOWNSTREAM	3040	MW	335		19			0
FISH TRAP	DOWNSTREAM	3041	LSU	193					0
FISH TRAP	DOWNSTREAM	3042	LSU	202					0
FISH TRAP	DOWNSTREAM	3043	LSU	231					0
FISH TRAP	DOWNSTREAM	3044	GR	278					0
FISH TRAP	DOWNSTREAM	3045	MW	281		9			0
FISH TRAP	DOWNSTREAM	3046	MW	278		19			0
FISH TRAP	DOWNSTREAM	3047	CSU	206					0
FISH TRAP	DOWNSTREAM	3048	MW	299		9			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	DOWNSTREAM	3049	LSU	225					0
FISH TRAP	DOWNSTREAM	3050	LSU	205					0
FISH TRAP	DOWNSTREAM	3051	LSU	225					0
FISH TRAP	DOWNSTREAM	3052	LSU	193					0
FISH TRAP	DOWNSTREAM	3053	LSU	213					0
FISH TRAP	DOWNSTREAM	3054	LSU	227					0
FISH TRAP	DOWNSTREAM	3055	LSU	193					0
FISH TRAP	DOWNSTREAM	3056	LSU	214					0
FISH TRAP	DOWNSTREAM	3057	LSU	194					0
FISH TRAP	DOWNSTREAM	3058	LSU	191					0
FISH TRAP	DOWNSTREAM	3059	LSU	221					0
FISH TRAP	DOWNSTREAM	3060	NSC	222					0
FISH TRAP	DOWNSTREAM	3061	LSU	207					0
FISH TRAP	DOWNSTREAM	3062	LSU	249					0
FISH TRAP	DOWNSTREAM	3063	LSU	220					0
FISH TRAP	DOWNSTREAM	3064	LSU	222					0
FISH TRAP	DOWNSTREAM	3065	LSU	206					0
FISH TRAP	DOWNSTREAM	3066	LSU	190					0
FISH TRAP	DOWNSTREAM	3067	CSU	217					0
FISH TRAP	DOWNSTREAM	3068	LSU	225					0
FISH TRAP	DOWNSTREAM	3069	LSU	191					0
FISH TRAP	DOWNSTREAM	3070	LSU	210					0
FISH TRAP	DOWNSTREAM	3071	LSU	225					0
FISH TRAP	DOWNSTREAM	3072	LSU	188					0
FISH TRAP	DOWNSTREAM	3073	LSU	235					0
FISH TRAP	DOWNSTREAM	3074	LSU	194					0
FISH TRAP	DOWNSTREAM	3075	LSU	215					0
FISH TRAP	DOWNSTREAM	3092	MW	272		8			0
FISH TRAP	DOWNSTREAM	3093	MW	270		8			0
FISH TRAP	DOWNSTREAM	3094	MW	248		19			0
FISH TRAP	DOWNSTREAM	3095	MW	277		18			0
FISH TRAP	DOWNSTREAM	3096	MW	279		8			0
FISH TRAP	DOWNSTREAM	3097	MW	269		8			0
FISH TRAP	DOWNSTREAM	3098	LSU	199					0
FISH TRAP	DOWNSTREAM	3099	LSU	195					0
FISH TRAP	DOWNSTREAM	3100	LSU	238					0
FISH TRAP	UPSTREAM	1	MW	275	266				0
FISH TRAP	UPSTREAM	2	MW	280	252				0
FISH TRAP	UPSTREAM	3	MW	273	252				0
FISH TRAP	UPSTREAM	4	MW	315	382				0
FISH TRAP	UPSTREAM	5	MW	322	422				0
FISH TRAP	UPSTREAM	6	MW	301	330				0
FISH TRAP	UPSTREAM	7	MW	288	322				0
FISH TRAP	UPSTREAM	8	MW	278	300				0
FISH TRAP	UPSTREAM	9	MW	294	300				0
FISH TRAP	UPSTREAM	10	MW	236	158				0
FISH TRAP	UPSTREAM	11	MW	286	280				0
FISH TRAP	UPSTREAM	12	MW	318	392				0
FISH TRAP	UPSTREAM	13	MW	324	406	17			0
FISH TRAP	UPSTREAM	14	MW	273	242				0
FISH TRAP	UPSTREAM	15	MW	374	552	17			0
FISH TRAP	UPSTREAM	16	MW	247	182	17			0
FISH TRAP	UPSTREAM	17	MW	302	356				0
FISH TRAP	UPSTREAM	18	MW	298	322	17			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	19	MW	330	426				0
FISH TRAP	UPSTREAM	20	MW	325	368				0
FISH TRAP	UPSTREAM	21	MW	308	362	17			0
FISH TRAP	UPSTREAM	22	MW	314	380				0
FISH TRAP	UPSTREAM	23	MW	316	424	17			0
FISH TRAP	UPSTREAM	24	MW	295	308				0
FISH TRAP	UPSTREAM	25	MW	368	596				0
FISH TRAP	UPSTREAM	26	MW	267	244	17			0
FISH TRAP	UPSTREAM	27	MW	333	410				0
FISH TRAP	UPSTREAM	28	MW	275	252				0
FISH TRAP	UPSTREAM	29	MW	335	422	17			0
FISH TRAP	UPSTREAM	30	MW	268	228				0
FISH TRAP	UPSTREAM	31	MW	342	528	17			0
FISH TRAP	UPSTREAM	32	MW	281	264	17			0
FISH TRAP	UPSTREAM	33	MW	343	452				0
FISH TRAP	UPSTREAM	34	MW	266	210				0
FISH TRAP	UPSTREAM	35	MW	280	270	17			0
FISH TRAP	UPSTREAM	36	MW	313	390	17			0
FISH TRAP	UPSTREAM	37	MW	269	226		PIT	965000000069444	2
FISH TRAP	UPSTREAM	38	MW	323	384	17			0
FISH TRAP	UPSTREAM	39	LSU	220	136				0
FISH TRAP	UPSTREAM	40	MW	258	216	17			0
FISH TRAP	UPSTREAM	41	MW	305	340				0
FISH TRAP	UPSTREAM	42	MW	354	454	17	PIT	965000000092741	2
FISH TRAP	UPSTREAM	43	MW	331	412				0
FISH TRAP	UPSTREAM	44	MW	265	254				0
FISH TRAP	UPSTREAM	45	MW	292	312				0
FISH TRAP	UPSTREAM	46	MW	279	276	7			0
FISH TRAP	UPSTREAM	47	MW	340	464	17			0
FISH TRAP	UPSTREAM	48	MW	248	198				0
FISH TRAP	UPSTREAM	49	MW	230	154				0
FISH TRAP	UPSTREAM	50	MW	290	264	17			0
FISH TRAP	UPSTREAM	51	MW	354	516	17			0
FISH TRAP	UPSTREAM	52	MW	372	552		PIT	965000000072227	2
FISH TRAP	UPSTREAM	53	MW	357	488				0
FISH TRAP	UPSTREAM	54	MW	266	236				0
FISH TRAP	UPSTREAM	55	MW	338	450	17			0
FISH TRAP	UPSTREAM	56	MW	275	244				1
FISH TRAP	UPSTREAM	57	MW	333	418	17			0
FISH TRAP	UPSTREAM	58	MW	352	530				0
FISH TRAP	UPSTREAM	59	MW	286	288				0
FISH TRAP	UPSTREAM	60	MW	284	308	17			0
FISH TRAP	UPSTREAM	61	MW	291	270				0
FISH TRAP	UPSTREAM	62	MW	323	414				0
FISH TRAP	UPSTREAM	63	MW	273	284				0
FISH TRAP	UPSTREAM	64	MW	295	318				0
FISH TRAP	UPSTREAM	65	MW	325	400				0
FISH TRAP	UPSTREAM	66	MW	265	216				0
FISH TRAP	UPSTREAM	67	MW	291	308	17			0
FISH TRAP	UPSTREAM	68	MW	308	338				0
FISH TRAP	UPSTREAM	69	MW	306	324				0
FISH TRAP	UPSTREAM	70	MW	268	226				0
FISH TRAP	UPSTREAM	71	MW	251	182				0
FISH TRAP	UPSTREAM	72	MW	284	270				0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	73	MW	270	230				0
FISH TRAP	UPSTREAM	74	MW	270	226	7			0
FISH TRAP	UPSTREAM	75	MW	243	168				0
FISH TRAP	UPSTREAM	76	MW	254	206				0
FISH TRAP	UPSTREAM	77	MW	255	224				0
FISH TRAP	UPSTREAM	78	MW	265	244	17			0
FISH TRAP	UPSTREAM	79	MW	261	226				0
FISH TRAP	UPSTREAM	80	MW	287	274	17			0
FISH TRAP	UPSTREAM	81	MW	274	236				0
FISH TRAP	UPSTREAM	82	MW	275	260	17			0
FISH TRAP	UPSTREAM	83	MW	330	404				0
FISH TRAP	UPSTREAM	84	MW	302	294				0
FISH TRAP	UPSTREAM	85	MW	308	378				0
FISH TRAP	UPSTREAM	86	MW	298	308				0
FISH TRAP	UPSTREAM	87	MW	320	386		PIT	4D00024974	2
FISH TRAP	UPSTREAM	88	MW	301	338	17			0
FISH TRAP	UPSTREAM	89	MW	278	270	17			0
FISH TRAP	UPSTREAM	90	MW	255	224				0
FISH TRAP	UPSTREAM	91	MW	290	312				0
FISH TRAP	UPSTREAM	92	MW	310	318	17	PIT	965000000246725	2
FISH TRAP	UPSTREAM	93	MW	280	272	17			0
FISH TRAP	UPSTREAM	94	MW	278	336				0
FISH TRAP	UPSTREAM	95	MW	310	360				0
FISH TRAP	UPSTREAM	96	MW	236	162				0
FISH TRAP	UPSTREAM	97	MW	340	420	7			0
FISH TRAP	UPSTREAM	98	MW	288	288				0
FISH TRAP	UPSTREAM	99	MW	330					0
FISH TRAP	UPSTREAM	100	MW	308					0
FISH TRAP	UPSTREAM	101	MW						0
FISH TRAP	UPSTREAM	102	MW						0
FISH TRAP	UPSTREAM	103	MW						0
FISH TRAP	UPSTREAM	104	MW						0
FISH TRAP	UPSTREAM	105	MW	287					0
FISH TRAP	UPSTREAM	106	MW	295					0
FISH TRAP	UPSTREAM	107	MW	314		17			0
FISH TRAP	UPSTREAM	108	MW	295		17			0
FISH TRAP	UPSTREAM	109	MW	283					0
FISH TRAP	UPSTREAM	110	MW	318		17			0
FISH TRAP	UPSTREAM	111	MW	307		7			0
FISH TRAP	UPSTREAM	112	MW	293					0
FISH TRAP	UPSTREAM	113	MW	338		17			0
FISH TRAP	UPSTREAM	114	MW	280					0
FISH TRAP	UPSTREAM	115	MW	319					0
FISH TRAP	UPSTREAM	116	MW	311					0
FISH TRAP	UPSTREAM	117	MW	270		17			0
FISH TRAP	UPSTREAM	118	MW	255					0
FISH TRAP	UPSTREAM	119	MW	277					0
FISH TRAP	UPSTREAM	120	MW	300					0
FISH TRAP	UPSTREAM	121	MW	263					0
FISH TRAP	UPSTREAM	122	MW	303					0
FISH TRAP	UPSTREAM	123	MW	262					0
FISH TRAP	UPSTREAM	124	MW	245		17			0
FISH TRAP	UPSTREAM	125	MW	278					0
FISH TRAP	UPSTREAM	126	MW	285					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.		Capt. Code
FISH TRAP	UPSTREAM	127	MW	268						0
FISH TRAP	UPSTREAM	128	MW	290						0
FISH TRAP	UPSTREAM	129	MW	260						0
FISH TRAP	UPSTREAM	130	MW	287						0
FISH TRAP	UPSTREAM	131	MW	261						0
FISH TRAP	UPSTREAM	132	MW	402			FLOY		636	2
FISH TRAP	UPSTREAM	133	MW	336		17				0
FISH TRAP	UPSTREAM	134	MW	348						0
FISH TRAP	UPSTREAM	135	MW	313						0
FISH TRAP	UPSTREAM	136	MW	298						0
FISH TRAP	UPSTREAM	137	MW	262		17				0
FISH TRAP	UPSTREAM	138	MW	262						0
FISH TRAP	UPSTREAM	139	MW	273						0
FISH TRAP	UPSTREAM	140	MW	261		17				0
FISH TRAP	UPSTREAM	141	MW	257						0
FISH TRAP	UPSTREAM	142	MW	284						0
FISH TRAP	UPSTREAM	143	MW	300						0
FISH TRAP	UPSTREAM	144	MW	383		17				0
FISH TRAP	UPSTREAM	145	MW	321						0
FISH TRAP	UPSTREAM	146	MW	318						0
FISH TRAP	UPSTREAM	147	MW	296						0
FISH TRAP	UPSTREAM	148	MW	288						0
FISH TRAP	UPSTREAM	149	MW	270						0
FISH TRAP	UPSTREAM	150	NP	355	332					0
FISH TRAP	UPSTREAM	151	MW	350						0
FISH TRAP	UPSTREAM	152	MW	322						0
FISH TRAP	UPSTREAM	153	MW	310						0
FISH TRAP	UPSTREAM	154	MW	289						0
FISH TRAP	UPSTREAM	155	MW	297						0
FISH TRAP	UPSTREAM	156	MW	305						0
FISH TRAP	UPSTREAM	157	MW	279						0
FISH TRAP	UPSTREAM	158	MW	340		17	PIT	965000000245924		2
FISH TRAP	UPSTREAM	159	MW	264						0
FISH TRAP	UPSTREAM	160	MW	291						0
FISH TRAP	UPSTREAM	161	MW	287		17				0
FISH TRAP	UPSTREAM	162	MW	338						0
FISH TRAP	UPSTREAM	163	MW	252						0
FISH TRAP	UPSTREAM	164	MW	297						0
FISH TRAP	UPSTREAM	165	MW	335						0
FISH TRAP	UPSTREAM	166	LSU	265	214					0
FISH TRAP	UPSTREAM	167	MW	305						0
FISH TRAP	UPSTREAM	168	MW	323						0
FISH TRAP	UPSTREAM	169	MW	277						0
FISH TRAP	UPSTREAM	170	MW	278						0
FISH TRAP	UPSTREAM	171	MW	265						0
FISH TRAP	UPSTREAM	172	MW	325						0
FISH TRAP	UPSTREAM	173	MW	260						0
FISH TRAP	UPSTREAM	174	MW	277						0
FISH TRAP	UPSTREAM	175	MW	252		17				0
FISH TRAP	UPSTREAM	176	MW	271		7				0
FISH TRAP	UPSTREAM	177	MW	271						0
FISH TRAP	UPSTREAM	178	MW	280		7				0
FISH TRAP	UPSTREAM	179	MW	275		17				0
FISH TRAP	UPSTREAM	180	MW	287						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	181	MW	263					0
FISH TRAP	UPSTREAM	182	MW	273		17			0
FISH TRAP	UPSTREAM	184	NSC	273	216				0
FISH TRAP	UPSTREAM	185	MW	259					0
FISH TRAP	UPSTREAM	186	MW	290		17			0
FISH TRAP	UPSTREAM	187	MW	243					0
FISH TRAP	UPSTREAM	188	MW	341	260				0
FISH TRAP	UPSTREAM	189	MW	260	224				0
FISH TRAP	UPSTREAM	190	MW	266	242				0
FISH TRAP	UPSTREAM	191	MW	266	252	17			0
FISH TRAP	UPSTREAM	192	MW	291	274	17			0
FISH TRAP	UPSTREAM	193	MW	340	430				0
FISH TRAP	UPSTREAM	194	MW	356	560	17			0
FISH TRAP	UPSTREAM	195	MW	228	424	7			0
FISH TRAP	UPSTREAM	196	MW	332	488	17			0
FISH TRAP	UPSTREAM	197	MW	253	224				0
FISH TRAP	UPSTREAM	198	MW	300	352				0
FISH TRAP	UPSTREAM	199	MW	337	456				0
FISH TRAP	UPSTREAM	200	MW	298	332				0
FISH TRAP	UPSTREAM	201	MW	282	280				0
FISH TRAP	UPSTREAM	202	MW	284	262				0
FISH TRAP	UPSTREAM	203	MW	321	400	17			0
FISH TRAP	UPSTREAM	204	MW	270	234				0
FISH TRAP	UPSTREAM	205	MW	291	308	17			0
FISH TRAP	UPSTREAM	206	MW	280	244	7			0
FISH TRAP	UPSTREAM	207	MW	276	254				0
FISH TRAP	UPSTREAM	208	MW						0
FISH TRAP	UPSTREAM	220	MW	305	342				1
FISH TRAP	UPSTREAM	221	MW	288	320	17			1
FISH TRAP	UPSTREAM	222	MW	249	200	17			1
FISH TRAP	UPSTREAM	223	MW	242	192				1
FISH TRAP	UPSTREAM	224	MW	253	210				1
FISH TRAP	UPSTREAM	225	MW	284	278				1
FISH TRAP	UPSTREAM	228	MW	250	200	17			0
FISH TRAP	UPSTREAM	229	MW	260	202				0
FISH TRAP	UPSTREAM	230	MW	266	236	17			0
FISH TRAP	UPSTREAM	231	MW	255	226				0
FISH TRAP	UPSTREAM	232	MW	263	210				0
FISH TRAP	UPSTREAM	233	MW	244	164				0
FISH TRAP	UPSTREAM	234	MW	265	228	17			0
FISH TRAP	UPSTREAM	235	MW	240	150				0
FISH TRAP	UPSTREAM	236	MW	285	280				0
FISH TRAP	UPSTREAM	237	MW	322	386	17			0
FISH TRAP	UPSTREAM	238	MW	267	228				0
FISH TRAP	UPSTREAM	239	MW	233	158				0
FISH TRAP	UPSTREAM	240	MW	234	148				0
FISH TRAP	UPSTREAM	241	MW	314	360				0
FISH TRAP	UPSTREAM	242	MW	261	220	17			0
FISH TRAP	UPSTREAM	243	MW	255	216				0
FISH TRAP	UPSTREAM	244	MW	297	308				0
FISH TRAP	UPSTREAM	245	MW	243	174				0
FISH TRAP	UPSTREAM	246	MW	316	382				0
FISH TRAP	UPSTREAM	247	MW	264	246				0
FISH TRAP	UPSTREAM	248	MW	280	254	17			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	249	MW	248	172				0
FISH TRAP	UPSTREAM	250	MW	253	198				0
FISH TRAP	UPSTREAM	251	MW	251	208	17			0
FISH TRAP	UPSTREAM	252	MW	319	410				0
FISH TRAP	UPSTREAM	253	MW	266	240				0
FISH TRAP	UPSTREAM	254	MW	265	264				0
FISH TRAP	UPSTREAM	255	MW	296	346	7			0
FISH TRAP	UPSTREAM	256	MW	325	426	17			0
FISH TRAP	UPSTREAM	257	MW	271	254	17			0
FISH TRAP	UPSTREAM	258	MW	295	328	17			0
FISH TRAP	UPSTREAM	259	MW	317	350				0
FISH TRAP	UPSTREAM	260	MW	289	310	17			0
FISH TRAP	UPSTREAM	261	MW	278	264				0
FISH TRAP	UPSTREAM	262	MW	284	262	17			0
FISH TRAP	UPSTREAM	263	MW	306	348				0
FISH TRAP	UPSTREAM	264	MW	289	290	7			0
FISH TRAP	UPSTREAM	277	MW	319	372	17			0
FISH TRAP	UPSTREAM	279	MW	346	536	17			0
FISH TRAP	UPSTREAM	280	MW	274	284				0
FISH TRAP	UPSTREAM	281	MW	305	334	7			0
FISH TRAP	UPSTREAM	282	MW	319	420	17			0
FISH TRAP	UPSTREAM	283	MW	283	268	17			0
FISH TRAP	UPSTREAM	284	MW	305	364	17			0
FISH TRAP	UPSTREAM	285	MW	285	302				0
FISH TRAP	UPSTREAM	286	MW	316	426	17			0
FISH TRAP	UPSTREAM	287	MW	272	250				0
FISH TRAP	UPSTREAM	288	MW	263	220				0
FISH TRAP	UPSTREAM	289	MW	283	282				0
FISH TRAP	UPSTREAM	290	MW	365	684	17			0
FISH TRAP	UPSTREAM	291	MW	314	386	17			0
FISH TRAP	UPSTREAM	292	MW	295	276				0
FISH TRAP	UPSTREAM	293	MW	264	224	17			0
FISH TRAP	UPSTREAM	294	MW	297	322				0
FISH TRAP	UPSTREAM	295	MW	285	276				0
FISH TRAP	UPSTREAM	296	MW	286	292	7			0
FISH TRAP	UPSTREAM	297	MW	294	322				0
FISH TRAP	UPSTREAM	298	MW	329	448	7			0
FISH TRAP	UPSTREAM	299	LSU	215	112				0
FISH TRAP	UPSTREAM	405	MW	253	202	17			0
FISH TRAP	UPSTREAM	406	MW	273	240	17			0
FISH TRAP	UPSTREAM	407	MW	315	380	17			0
FISH TRAP	UPSTREAM	408	MW	271	250	17			0
FISH TRAP	UPSTREAM	409	MW						0
FISH TRAP	UPSTREAM	415	MW	293	322				0
FISH TRAP	UPSTREAM	416	MW	265	220	17			0
FISH TRAP	UPSTREAM	417	MW	257	216	17			0
FISH TRAP	UPSTREAM	418	MW	280	254	7			0
FISH TRAP	UPSTREAM	419	MW	303	314	17			0
FISH TRAP	UPSTREAM	421	MW	250	204	17			0
FISH TRAP	UPSTREAM	422	MW	241	186	7			0
FISH TRAP	UPSTREAM	423	MW	292	318	7			0
FISH TRAP	UPSTREAM	424	MW	293	302				0
FISH TRAP	UPSTREAM	425	MW	320	450	17			0
FISH TRAP	UPSTREAM	426	MW	254	186	7			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	427	MW	287	276	7			0
FISH TRAP	UPSTREAM	428	MW	266	226				0
FISH TRAP	UPSTREAM	429	MW	247	196	17			0
FISH TRAP	UPSTREAM	430	MW	268	226	7			0
FISH TRAP	UPSTREAM	431	MW	267	250	17			0
FISH TRAP	UPSTREAM	432	MW	331	392				0
FISH TRAP	UPSTREAM	433	MW	302	328	7			0
FISH TRAP	UPSTREAM	434	MW	286	284				0
FISH TRAP	UPSTREAM	435	MW	255	218				0
FISH TRAP	UPSTREAM	436	MW	258	226	17			0
FISH TRAP	UPSTREAM	454	MW	242	192				0
FISH TRAP	UPSTREAM	455	MW	248	172				0
FISH TRAP	UPSTREAM	456	MW	256	206	7			0
FISH TRAP	UPSTREAM	457	MW	265	264	17			0
FISH TRAP	UPSTREAM	458	MW	248	192				0
FISH TRAP	UPSTREAM	459	MW	284	308	17			0
FISH TRAP	UPSTREAM	460	MW	286	296	17			0
FISH TRAP	UPSTREAM	461	MW	275	280	17			0
FISH TRAP	UPSTREAM	462	MW	254	186				0
FISH TRAP	UPSTREAM	463	MW	255	214				0
FISH TRAP	UPSTREAM	468	MW	254	200				0
FISH TRAP	UPSTREAM	469	MW	265	240				0
FISH TRAP	UPSTREAM	470	MW	254					0
FISH TRAP	UPSTREAM	471	MW	278					1
FISH TRAP	UPSTREAM	472	MW	284					0
FISH TRAP	UPSTREAM	473	MW	290					0
FISH TRAP	UPSTREAM	474	MW	347					0
FISH TRAP	UPSTREAM	475	MW	292					0
FISH TRAP	UPSTREAM	476	MW	316		17			0
FISH TRAP	UPSTREAM	477	MW	265					0
FISH TRAP	UPSTREAM	486	MW	254					0
FISH TRAP	UPSTREAM	487	MW	307		17			0
FISH TRAP	UPSTREAM	488	MW	276					0
FISH TRAP	UPSTREAM	489	MW	320					0
FISH TRAP	UPSTREAM	490	MW	301					0
FISH TRAP	UPSTREAM	491	MW	278					0
FISH TRAP	UPSTREAM	492	MW	284					0
FISH TRAP	UPSTREAM	493	MW	304					0
FISH TRAP	UPSTREAM	494	MW	290					0
FISH TRAP	UPSTREAM	495	MW	274					0
FISH TRAP	UPSTREAM	496	MW	282					0
FISH TRAP	UPSTREAM	497	MW	278					0
FISH TRAP	UPSTREAM	498	MW	267					0
FISH TRAP	UPSTREAM	499	MW	340					0
FISH TRAP	UPSTREAM	500	MW	240					0
FISH TRAP	UPSTREAM	501	MW	266		7			0
FISH TRAP	UPSTREAM	502	MW	301					0
FISH TRAP	UPSTREAM	503	MW	270					0
FISH TRAP	UPSTREAM	504	MW	297					0
FISH TRAP	UPSTREAM	505	MW	284		17			0
FISH TRAP	UPSTREAM	506	MW	294		17			0
FISH TRAP	UPSTREAM	507	MW	260					0
FISH TRAP	UPSTREAM	508	MW	298					0
FISH TRAP	UPSTREAM	509	MW	284					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	510	MW	280					0
FISH TRAP	UPSTREAM	511	MW	301					0
FISH TRAP	UPSTREAM	512	MW	284					0
FISH TRAP	UPSTREAM	513	MW	313					0
FISH TRAP	UPSTREAM	514	MW	264					0
FISH TRAP	UPSTREAM	515	MW	273					0
FISH TRAP	UPSTREAM	516	MW	257					0
FISH TRAP	UPSTREAM	517	MW	266					0
FISH TRAP	UPSTREAM	518	MW	324		17			0
FISH TRAP	UPSTREAM	519	MW	304					0
FISH TRAP	UPSTREAM	520	MW	279					0
FISH TRAP	UPSTREAM	521	MW	287					0
FISH TRAP	UPSTREAM	522	MW	303					0
FISH TRAP	UPSTREAM	523	MW	275					0
FISH TRAP	UPSTREAM	524	MW	276					0
FISH TRAP	UPSTREAM	525	MW	273					0
FISH TRAP	UPSTREAM	526	MW	310		18			0
FISH TRAP	UPSTREAM	527	MW	259					0
FISH TRAP	UPSTREAM	528	MW	271		17			0
FISH TRAP	UPSTREAM	529	MW	336			PIT	4D00023457	2
FISH TRAP	UPSTREAM	530	MW	271					0
FISH TRAP	UPSTREAM	531	MW	281					0
FISH TRAP	UPSTREAM	532	MW	280		17			0
FISH TRAP	UPSTREAM	533	MW	307					0
FISH TRAP	UPSTREAM	534	MW	319					0
FISH TRAP	UPSTREAM	535	MW	281					0
FISH TRAP	UPSTREAM	536	MW	260					0
FISH TRAP	UPSTREAM	537	MW	258					0
FISH TRAP	UPSTREAM	538	MW	304		18			0
FISH TRAP	UPSTREAM	539	MW	275					0
FISH TRAP	UPSTREAM	540	MW	296					0
FISH TRAP	UPSTREAM	541	MW	359		17			0
FISH TRAP	UPSTREAM	542	MW	325					0
FISH TRAP	UPSTREAM	543	MW	307		17			0
FISH TRAP	UPSTREAM	544	MW	280					0
FISH TRAP	UPSTREAM	545	MW	262					0
FISH TRAP	UPSTREAM	546	MW	260					0
FISH TRAP	UPSTREAM	547	MW	293					0
FISH TRAP	UPSTREAM	548	MW	273					0
FISH TRAP	UPSTREAM	549	MW	317					0
FISH TRAP	UPSTREAM	550	MW	269					0
FISH TRAP	UPSTREAM	551	MW	320		18			0
FISH TRAP	UPSTREAM	552	MW	316					0
FISH TRAP	UPSTREAM	553	MW	301					0
FISH TRAP	UPSTREAM	554	MW	248					0
FISH TRAP	UPSTREAM	555	MW	279					0
FISH TRAP	UPSTREAM	556	MW	276					0
FISH TRAP	UPSTREAM	557	MW	340					0
FISH TRAP	UPSTREAM	558	MW	284					0
FISH TRAP	UPSTREAM	559	MW	238					0
FISH TRAP	UPSTREAM	560	MW	286					0
FISH TRAP	UPSTREAM	561	MW	258					0
FISH TRAP	UPSTREAM	562	MW	246					0
FISH TRAP	UPSTREAM	563	MW	342					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	564	MW	308					0
FISH TRAP	UPSTREAM	565	MW	298		17			0
FISH TRAP	UPSTREAM	566	MW	322					0
FISH TRAP	UPSTREAM	567	MW	314					0
FISH TRAP	UPSTREAM	568	MW	302					0
FISH TRAP	UPSTREAM	569	MW	332					0
FISH TRAP	UPSTREAM	570	MW	267		17			0
FISH TRAP	UPSTREAM	571	MW	315					0
FISH TRAP	UPSTREAM	572	MW	279					0
FISH TRAP	UPSTREAM	573	MW	285					0
FISH TRAP	UPSTREAM	574	MW	313					0
FISH TRAP	UPSTREAM	575	MW	315					0
FISH TRAP	UPSTREAM	576	MW	304					0
FISH TRAP	UPSTREAM	577	MW	275		17			0
FISH TRAP	UPSTREAM	578	MW	298					0
FISH TRAP	UPSTREAM	579	MW	354					0
FISH TRAP	UPSTREAM	580	MW	326					0
FISH TRAP	UPSTREAM	581	MW	271					0
FISH TRAP	UPSTREAM	582	MW	293					0
FISH TRAP	UPSTREAM	583	MW	280		17			0
FISH TRAP	UPSTREAM	584	MW	281		18			0
FISH TRAP	UPSTREAM	585	MW	296		18			0
FISH TRAP	UPSTREAM	586	MW	267					0
FISH TRAP	UPSTREAM	587	MW	270		17			0
FISH TRAP	UPSTREAM	588	MW	340					0
FISH TRAP	UPSTREAM	589	MW	287		7			0
FISH TRAP	UPSTREAM	590	MW	305		18			0
FISH TRAP	UPSTREAM	591	MW	285		7			0
FISH TRAP	UPSTREAM	592	MW	272		17	PIT	965000000241521	2
FISH TRAP	UPSTREAM	593	MW	325		17			0
FISH TRAP	UPSTREAM	594	MW	388		18			0
FISH TRAP	UPSTREAM	595	MW	303					0
FISH TRAP	UPSTREAM	596	MW	306					0
FISH TRAP	UPSTREAM	597	MW	252					0
FISH TRAP	UPSTREAM	598	MW	315					0
FISH TRAP	UPSTREAM	599	MW	262		17			0
FISH TRAP	UPSTREAM	600	LSU	285					0
FISH TRAP	UPSTREAM	601	LSU	216					1
FISH TRAP	UPSTREAM	602	MW	293					1
FISH TRAP	UPSTREAM	622	MW	284					0
FISH TRAP	UPSTREAM	623	MW	242					0
FISH TRAP	UPSTREAM	624	MW	287		18	PIT	965000000093589	2
FISH TRAP	UPSTREAM	625	MW	340			PIT	965000000089639	2
FISH TRAP	UPSTREAM	626	MW	276					0
FISH TRAP	UPSTREAM	627	MW	271					0
FISH TRAP	UPSTREAM	628	MW	269		17			0
FISH TRAP	UPSTREAM	629	MW	297					0
FISH TRAP	UPSTREAM	630	MW	302					0
FISH TRAP	UPSTREAM	631	MW	295					0
FISH TRAP	UPSTREAM	632	MW	308		18	PIT	965000000068404	2
FISH TRAP	UPSTREAM	633	MW	364		18			0
FISH TRAP	UPSTREAM	634	MW	254					0
FISH TRAP	UPSTREAM	635	MW	306			PIT	965000000244972	2
FISH TRAP	UPSTREAM	636	MW	371		18	PIT	965000000087814	2

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	637	MW	337					0
FISH TRAP	UPSTREAM	638	MW	273					0
FISH TRAP	UPSTREAM	639	MW	346					0
FISH TRAP	UPSTREAM	640	MW	287					0
FISH TRAP	UPSTREAM	641	MW	338					0
FISH TRAP	UPSTREAM	650	MW	262					0
FISH TRAP	UPSTREAM	651	MW	289					0
FISH TRAP	UPSTREAM	652	MW	333			PIT	965000000091046	2
FISH TRAP	UPSTREAM	653	MW	274					0
FISH TRAP	UPSTREAM	654	MW	285					0
FISH TRAP	UPSTREAM	655	MW	285					0
FISH TRAP	UPSTREAM	656	MW	344					0
FISH TRAP	UPSTREAM	657	MW	283					0
FISH TRAP	UPSTREAM	658	MW	287		17			0
FISH TRAP	UPSTREAM	659	MW	253					0
FISH TRAP	UPSTREAM	660	MW	257					0
FISH TRAP	UPSTREAM	661	MW	308		17			0
FISH TRAP	UPSTREAM	662	MW	293		18			0
FISH TRAP	UPSTREAM	663	MW	279					0
FISH TRAP	UPSTREAM	664	MW	314					0
FISH TRAP	UPSTREAM	665	MW	273		17			0
FISH TRAP	UPSTREAM	666	MW	291		17			0
FISH TRAP	UPSTREAM	667	MW	256					0
FISH TRAP	UPSTREAM	668	MW	256					0
FISH TRAP	UPSTREAM	669	MW	290		17			0
FISH TRAP	UPSTREAM	670	MW	320					0
FISH TRAP	UPSTREAM	671	MW	271		17			0
FISH TRAP	UPSTREAM	672	MW	303		17			0
FISH TRAP	UPSTREAM	673	MW	254					0
FISH TRAP	UPSTREAM	674	MW	274					0
FISH TRAP	UPSTREAM	675	MW	268					0
FISH TRAP	UPSTREAM	676	MW	282					0
FISH TRAP	UPSTREAM	677	MW	308					0
FISH TRAP	UPSTREAM	678	MW	304					0
FISH TRAP	UPSTREAM	679	MW	289					0
FISH TRAP	UPSTREAM	680	MW	264					0
FISH TRAP	UPSTREAM	681	MW	264					0
FISH TRAP	UPSTREAM	682	MW	305					0
FISH TRAP	UPSTREAM	683	MW	307					0
FISH TRAP	UPSTREAM	684	MW	321		17			0
FISH TRAP	UPSTREAM	685	MW	319		17			0
FISH TRAP	UPSTREAM	686	MW	314					0
FISH TRAP	UPSTREAM	687	MW	283		17			0
FISH TRAP	UPSTREAM	688	MW	293		17			0
FISH TRAP	UPSTREAM	689	MW	260					0
FISH TRAP	UPSTREAM	690	MW	303		18	PIT	965000000010430	2
FISH TRAP	UPSTREAM	691	MW	247					0
FISH TRAP	UPSTREAM	692	MW	249					0
FISH TRAP	UPSTREAM	693	MW	222					0
FISH TRAP	UPSTREAM	694	MW	306					0
FISH TRAP	UPSTREAM	695	MW	266		17			0
FISH TRAP	UPSTREAM	696	MW	275		18			0
FISH TRAP	UPSTREAM	697	MW	264					0
FISH TRAP	UPSTREAM	698	MW	293		7			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	699	MW	282					0
FISH TRAP	UPSTREAM	700	MW	257					0
FISH TRAP	UPSTREAM	701	MW	258		17			0
FISH TRAP	UPSTREAM	702	MW	267					0
FISH TRAP	UPSTREAM	703	MW	308		17			0
FISH TRAP	UPSTREAM	704	MW	258					0
FISH TRAP	UPSTREAM	705	MW	271		17			0
FISH TRAP	UPSTREAM	706	MW	325					0
FISH TRAP	UPSTREAM	707	MW	247					0
FISH TRAP	UPSTREAM	708	MW	290					0
FISH TRAP	UPSTREAM	709	MW	294					0
FISH TRAP	UPSTREAM	710	MW	259					0
FISH TRAP	UPSTREAM	711	MW	276					0
FISH TRAP	UPSTREAM	712	MW	302		17			0
FISH TRAP	UPSTREAM	713	MW	300					0
FISH TRAP	UPSTREAM	714	MW	363		18			0
FISH TRAP	UPSTREAM	715	MW	298		17			0
FISH TRAP	UPSTREAM	716	MW	247					0
FISH TRAP	UPSTREAM	717	MW	286		17			0
FISH TRAP	UPSTREAM	718	MW	278					0
FISH TRAP	UPSTREAM	719	MW	283		17			0
FISH TRAP	UPSTREAM	720	MW	317					0
FISH TRAP	UPSTREAM	721	MW	306					0
FISH TRAP	UPSTREAM	722	MW	269		8			0
FISH TRAP	UPSTREAM	723	MW	306		7			0
FISH TRAP	UPSTREAM	724	MW	263					0
FISH TRAP	UPSTREAM	725	MW	253		18			0
FISH TRAP	UPSTREAM	726	MW	302		7			0
FISH TRAP	UPSTREAM	727	MW	334					0
FISH TRAP	UPSTREAM	728	MW	269					0
FISH TRAP	UPSTREAM	729	MW	296		18			0
FISH TRAP	UPSTREAM	730	MW	327		17			0
FISH TRAP	UPSTREAM	731	MW	284		18			0
FISH TRAP	UPSTREAM	732	MW	292		17			0
FISH TRAP	UPSTREAM	733	MW	265		17			0
FISH TRAP	UPSTREAM	734	MW	310		7			0
FISH TRAP	UPSTREAM	735	MW	299		18			0
FISH TRAP	UPSTREAM	736	MW	312					0
FISH TRAP	UPSTREAM	737	MW	282					0
FISH TRAP	UPSTREAM	738	MW	323		17			0
FISH TRAP	UPSTREAM	739	MW	308		18			0
FISH TRAP	UPSTREAM	740	MW	248					0
FISH TRAP	UPSTREAM	741	MW	333		18	PIT	965000000244317	2
FISH TRAP	UPSTREAM	742	MW	324					0
FISH TRAP	UPSTREAM	743	MW	356					0
FISH TRAP	UPSTREAM	744	MW	295					0
FISH TRAP	UPSTREAM	745	MW	285					0
FISH TRAP	UPSTREAM	746	MW	246					0
FISH TRAP	UPSTREAM	747	MW	304					0
FISH TRAP	UPSTREAM	748	MW	270					0
FISH TRAP	UPSTREAM	749	MW	284					0
FISH TRAP	UPSTREAM	750	MW	264		18			0
FISH TRAP	UPSTREAM	751	MW	290		18			0
FISH TRAP	UPSTREAM	753	MW	308					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	754	MW	264		8			0
FISH TRAP	UPSTREAM	755	MW	277					0
FISH TRAP	UPSTREAM	756	MW	262		8			0
FISH TRAP	UPSTREAM	757	MW	287					0
FISH TRAP	UPSTREAM	758	MW	416					0
FISH TRAP	UPSTREAM	759	MW	264		8			0
FISH TRAP	UPSTREAM	760	MW	245		17			0
FISH TRAP	UPSTREAM	761	MW	320					0
FISH TRAP	UPSTREAM	762	MW	281		17			0
FISH TRAP	UPSTREAM	763	MW	291					0
FISH TRAP	UPSTREAM	764	MW	315		18			0
FISH TRAP	UPSTREAM	765	MW	288		18			0
FISH TRAP	UPSTREAM	766	MW	265		8			0
FISH TRAP	UPSTREAM	767	MW	270					0
FISH TRAP	UPSTREAM	768	MW	366		17			0
FISH TRAP	UPSTREAM	769	MW	277					0
FISH TRAP	UPSTREAM	770	MW	297		8			0
FISH TRAP	UPSTREAM	771	MW	288		7			0
FISH TRAP	UPSTREAM	772	MW	269					0
FISH TRAP	UPSTREAM	773	MW	339					0
FISH TRAP	UPSTREAM	774	MW	355					0
FISH TRAP	UPSTREAM	775	MW	235					0
FISH TRAP	UPSTREAM	776	MW	316					0
FISH TRAP	UPSTREAM	777	MW	308					0
FISH TRAP	UPSTREAM	778	MW	269					0
FISH TRAP	UPSTREAM	779	MW	282		18			0
FISH TRAP	UPSTREAM	780	MW	334		18			0
FISH TRAP	UPSTREAM	781	MW	266		8			0
FISH TRAP	UPSTREAM	782	MW	276		7			0
FISH TRAP	UPSTREAM	783	MW	363					0
FISH TRAP	UPSTREAM	784	MW	310					0
FISH TRAP	UPSTREAM	789	MW	286			PIT	965000000070500	2
FISH TRAP	UPSTREAM	790	MW	239					0
FISH TRAP	UPSTREAM	791	MW	304					0
FISH TRAP	UPSTREAM	792	MW	278		17			0
FISH TRAP	UPSTREAM	793	MW	300		7			0
FISH TRAP	UPSTREAM	794	MW	310					0
FISH TRAP	UPSTREAM	795	MW	312		18			0
FISH TRAP	UPSTREAM	796	MW	298		18			0
FISH TRAP	UPSTREAM	797	MW	295		18			0
FISH TRAP	UPSTREAM	810	MW	258		17			0
FISH TRAP	UPSTREAM	811	MW	269		8			0
FISH TRAP	UPSTREAM	812	MW	344		8			0
FISH TRAP	UPSTREAM	813	MW	293		17			0
FISH TRAP	UPSTREAM	814	MW	264					0
FISH TRAP	UPSTREAM	815	MW	273					0
FISH TRAP	UPSTREAM	816	MW	326		17			0
FISH TRAP	UPSTREAM	817	MW	343		17			0
FISH TRAP	UPSTREAM	818	MW	338					0
FISH TRAP	UPSTREAM	819	MW	349		18			0
FISH TRAP	UPSTREAM	820	MW	229					0
FISH TRAP	UPSTREAM	821	MW	255					0
FISH TRAP	UPSTREAM	822	MW	300		17			0
FISH TRAP	UPSTREAM	823	MW	274					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	824	MW	273		18			0
FISH TRAP	UPSTREAM	825	MW	301					0
FISH TRAP	UPSTREAM	826	MW	255					0
FISH TRAP	UPSTREAM	827	MW	289					0
FISH TRAP	UPSTREAM	828	MW	291					0
FISH TRAP	UPSTREAM	829	MW	283		8			0
FISH TRAP	UPSTREAM	830	MW	290		17	PIT	965000000247381	2
FISH TRAP	UPSTREAM	831	MW	255		18			0
FISH TRAP	UPSTREAM	832	MW	391		18			0
FISH TRAP	UPSTREAM	833	MW	373					0
FISH TRAP	UPSTREAM	834	MW	323		17			0
FISH TRAP	UPSTREAM	835	MW	266					0
FISH TRAP	UPSTREAM	836	MW	282					0
FISH TRAP	UPSTREAM	837	MW	254					0
FISH TRAP	UPSTREAM	838	MW	302					0
FISH TRAP	UPSTREAM	839	MW	271					0
FISH TRAP	UPSTREAM	840	MW	311		17			0
FISH TRAP	UPSTREAM	841	MW	320		7			0
FISH TRAP	UPSTREAM	842	MW	291					0
FISH TRAP	UPSTREAM	843	MW	247					0
FISH TRAP	UPSTREAM	844	MW	314		17			0
FISH TRAP	UPSTREAM	845	MW	296		8			0
FISH TRAP	UPSTREAM	846	MW	314					0
FISH TRAP	UPSTREAM	847	MW	270					0
FISH TRAP	UPSTREAM	848	MW	276					0
FISH TRAP	UPSTREAM	849	MW	271		18			0
FISH TRAP	UPSTREAM	850	MW						0
FISH TRAP	UPSTREAM	851	MW						0
FISH TRAP	UPSTREAM	856	MW	304		7			0
FISH TRAP	UPSTREAM	857	MW	316					0
FISH TRAP	UPSTREAM	858	MW	300		18			0
FISH TRAP	UPSTREAM	859	MW	324		17			0
FISH TRAP	UPSTREAM	860	MW	295					0
FISH TRAP	UPSTREAM	861	MW	298		7			0
FISH TRAP	UPSTREAM	862	MW	283		8			0
FISH TRAP	UPSTREAM	863	MW	311			PIT	965000000244554	2
FISH TRAP	UPSTREAM	864	MW	272		8			0
FISH TRAP	UPSTREAM	865	MW	277		17			0
FISH TRAP	UPSTREAM	866	MW	293					0
FISH TRAP	UPSTREAM	867	MW	264					0
FISH TRAP	UPSTREAM	868	MW	306		8			0
FISH TRAP	UPSTREAM	869	MW	270					0
FISH TRAP	UPSTREAM	870	MW	286		17			0
FISH TRAP	UPSTREAM	871	MW	232		8			0
FISH TRAP	UPSTREAM	872	MW	270		7			0
FISH TRAP	UPSTREAM	873	MW	267		7			0
FISH TRAP	UPSTREAM	874	MW	298					0
FISH TRAP	UPSTREAM	875	MW	274					0
FISH TRAP	UPSTREAM	876	MW	319		17			0
FISH TRAP	UPSTREAM	877	MW	364			FLOY	13780	2
FISH TRAP	UPSTREAM	878	MW	318					0
FISH TRAP	UPSTREAM	879	MW	310		8			0
FISH TRAP	UPSTREAM	880	MW	272					0
FISH TRAP	UPSTREAM	881	MW	312		17			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	882	MW	274		8			0
FISH TRAP	UPSTREAM	883	MW	321		18			0
FISH TRAP	UPSTREAM	884	MW	264		7			0
FISH TRAP	UPSTREAM	885	MW	274		8			0
FISH TRAP	UPSTREAM	886	MW	297		8			0
FISH TRAP	UPSTREAM	887	MW	266					0
FISH TRAP	UPSTREAM	888	MW	272					0
FISH TRAP	UPSTREAM	889	MW	272		18			0
FISH TRAP	UPSTREAM	890	MW	266		17			0
FISH TRAP	UPSTREAM	891	MW	313		18			0
FISH TRAP	UPSTREAM	892	MW	330		8			0
FISH TRAP	UPSTREAM	893	MW	293					0
FISH TRAP	UPSTREAM	894	MW	301		18	PIT	965000000084287	2
FISH TRAP	UPSTREAM	895	MW	338		17			0
FISH TRAP	UPSTREAM	896	MW	273		18			0
FISH TRAP	UPSTREAM	897	MW	330		18			0
FISH TRAP	UPSTREAM	898	MW	318		18			0
FISH TRAP	UPSTREAM	899	MW	334		17			0
FISH TRAP	UPSTREAM	900	MW	349					0
FISH TRAP	UPSTREAM	901	MW	331					0
FISH TRAP	UPSTREAM	902	MW	318		8			0
FISH TRAP	UPSTREAM	903	MW	322		18			0
FISH TRAP	UPSTREAM	904	MW	315					0
FISH TRAP	UPSTREAM	905	MW	263		8			0
FISH TRAP	UPSTREAM	906	MW	265		7			0
FISH TRAP	UPSTREAM	907	MW	315			PIT	965000000246755	2
FISH TRAP	UPSTREAM	908	MW	311		18			0
FISH TRAP	UPSTREAM	909	MW	278		18			0
FISH TRAP	UPSTREAM	910	MW	317		17			0
FISH TRAP	UPSTREAM	911	MW	358		17			0
FISH TRAP	UPSTREAM	912	MW	268		8			0
FISH TRAP	UPSTREAM	913	MW	305					0
FISH TRAP	UPSTREAM	914	MW	303		8			0
FISH TRAP	UPSTREAM	915	MW	307					0
FISH TRAP	UPSTREAM	916	MW	306					0
FISH TRAP	UPSTREAM	917	MW	282		7			0
FISH TRAP	UPSTREAM	918	MW	255		17			0
FISH TRAP	UPSTREAM	919	MW	436		17			0
FISH TRAP	UPSTREAM	920	MW	284		17			0
FISH TRAP	UPSTREAM	921	MW	332		18	PIT	965000000239335	2
FISH TRAP	UPSTREAM	922	MW	288					0
FISH TRAP	UPSTREAM	923	MW	275					0
FISH TRAP	UPSTREAM	924	MW	281		17			0
FISH TRAP	UPSTREAM	925	MW	313		18			0
FISH TRAP	UPSTREAM	926	MW	276		17			0
FISH TRAP	UPSTREAM	927	MW	276		17			0
FISH TRAP	UPSTREAM	928	MW	275		8			0
FISH TRAP	UPSTREAM	929	MW	304		17			0
FISH TRAP	UPSTREAM	930	MW	313		17			0
FISH TRAP	UPSTREAM	931	MW	262		8			0
FISH TRAP	UPSTREAM	932	MW	285		17			0
FISH TRAP	UPSTREAM	933	MW	298		17	PIT	965000000092614	2
FISH TRAP	UPSTREAM	934	MW	253					0
FISH TRAP	UPSTREAM	935	MW	264		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	936	MW	308		18			0
FISH TRAP	UPSTREAM	937	MW	261					0
FISH TRAP	UPSTREAM	938	MW	307		8			0
FISH TRAP	UPSTREAM	939	MW	253					0
FISH TRAP	UPSTREAM	940	MW	277		8			0
FISH TRAP	UPSTREAM	941	MW	328		17			0
FISH TRAP	UPSTREAM	942	MW	320		8			0
FISH TRAP	UPSTREAM	943	MW	262					0
FISH TRAP	UPSTREAM	946	MW	266		18			0
FISH TRAP	UPSTREAM	947	MW	307		7			0
FISH TRAP	UPSTREAM	948	MW	292		17			0
FISH TRAP	UPSTREAM	949	MW	301		17			0
FISH TRAP	UPSTREAM	950	MW	282					0
FISH TRAP	UPSTREAM	951	MW	290		17			0
FISH TRAP	UPSTREAM	952	MW	305		8			0
FISH TRAP	UPSTREAM	953	MW	281		17			0
FISH TRAP	UPSTREAM	954	MW	322					0
FISH TRAP	UPSTREAM	955	MW	304		17			0
FISH TRAP	UPSTREAM	956	MW	323		18			0
FISH TRAP	UPSTREAM	957	MW	347		17			0
FISH TRAP	UPSTREAM	958	MW	286					0
FISH TRAP	UPSTREAM	959	MW	301					0
FISH TRAP	UPSTREAM	960	MW	278		17			0
FISH TRAP	UPSTREAM	961	MW	301		7			0
FISH TRAP	UPSTREAM	962	MW	286		17			0
FISH TRAP	UPSTREAM	963	MW	271					0
FISH TRAP	UPSTREAM	964	MW	318		18			0
FISH TRAP	UPSTREAM	965	MW	343		17			0
FISH TRAP	UPSTREAM	966	MW	314		18			0
FISH TRAP	UPSTREAM	967	MW	285		7			0
FISH TRAP	UPSTREAM	968	MW	322					0
FISH TRAP	UPSTREAM	969	MW	262		17			0
FISH TRAP	UPSTREAM	970	MW	322		8			0
FISH TRAP	UPSTREAM	971	MW	243		8			0
FISH TRAP	UPSTREAM	972	MW	254					0
FISH TRAP	UPSTREAM	973	MW	260		8			0
FISH TRAP	UPSTREAM	974	MW	304		17			0
FISH TRAP	UPSTREAM	975	MW	254		17			0
FISH TRAP	UPSTREAM	976	MW	285		17			0
FISH TRAP	UPSTREAM	977	MW	261		17			0
FISH TRAP	UPSTREAM	978	MW	283		17			0
FISH TRAP	UPSTREAM	979	MW	296		17			0
FISH TRAP	UPSTREAM	980	MW	275		8			0
FISH TRAP	UPSTREAM	981	MW	339		18			0
FISH TRAP	UPSTREAM	982	MW	292					0
FISH TRAP	UPSTREAM	983	MW	313		7	PIT	965000000068528	2
FISH TRAP	UPSTREAM	984	MW	291		17			0
FISH TRAP	UPSTREAM	985	MW	318		18			0
FISH TRAP	UPSTREAM	986	MW	265					0
FISH TRAP	UPSTREAM	987	MW	339					0
FISH TRAP	UPSTREAM	988	MW	300		18			0
FISH TRAP	UPSTREAM	989	MW	264		8			0
FISH TRAP	UPSTREAM	990	MW	292		8			0
FISH TRAP	UPSTREAM	991	MW	276					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	992	MW	344		7	PIT	965000000247741	2
FISH TRAP	UPSTREAM	993	MW	307					0
FISH TRAP	UPSTREAM	994	MW	249					0
FISH TRAP	UPSTREAM	995	MW	259		17			0
FISH TRAP	UPSTREAM	996	MW	324		17			0
FISH TRAP	UPSTREAM	997	MW	265		8			0
FISH TRAP	UPSTREAM	998	MW	239					0
FISH TRAP	UPSTREAM	999	MW	252					0
FISH TRAP	UPSTREAM	1000	MW	277		8			0
FISH TRAP	UPSTREAM	1001	MW	265		17			0
FISH TRAP	UPSTREAM	1002	MW	291		8	PIT	965000000006699	2
FISH TRAP	UPSTREAM	1003	MW	269		17			0
FISH TRAP	UPSTREAM	1004	MW	290		7			0
FISH TRAP	UPSTREAM	1005	MW	343		18			0
FISH TRAP	UPSTREAM	1006	MW	314		7			0
FISH TRAP	UPSTREAM	1007	MW	301					0
FISH TRAP	UPSTREAM	1008	MW	293		7			0
FISH TRAP	UPSTREAM	1009	MW	305		18			0
FISH TRAP	UPSTREAM	1010	MW	271					0
FISH TRAP	UPSTREAM	1011	MW	256					0
FISH TRAP	UPSTREAM	1012	MW	286		17			0
FISH TRAP	UPSTREAM	1013	MW	267			PIT	965000000246912	2
FISH TRAP	UPSTREAM	1014	MW	273					0
FISH TRAP	UPSTREAM	1015	MW	287		7			0
FISH TRAP	UPSTREAM	1016	MW	290					0
FISH TRAP	UPSTREAM	1017	MW	311					0
FISH TRAP	UPSTREAM	1018	MW	382		17	PIT	965000000247538	2
FISH TRAP	UPSTREAM	1019	MW	261					0
FISH TRAP	UPSTREAM	1020	MW	265		7			0
FISH TRAP	UPSTREAM	1021	MW	299		17			0
FISH TRAP	UPSTREAM	1022	MW	310					0
FISH TRAP	UPSTREAM	1023	MW	297		18			0
FISH TRAP	UPSTREAM	1024	MW	311			FLOY	2713	2
FISH TRAP	UPSTREAM	1025	MW	263		17			0
FISH TRAP	UPSTREAM	1026	MW	363		18			0
FISH TRAP	UPSTREAM	1027	MW	285		7			0
FISH TRAP	UPSTREAM	1028	MW	298		8			0
FISH TRAP	UPSTREAM	1029	MW	262		17			0
FISH TRAP	UPSTREAM	1030	MW	283					0
FISH TRAP	UPSTREAM	1031	MW	282		18			0
FISH TRAP	UPSTREAM	1032	MW	305		8			0
FISH TRAP	UPSTREAM	1033	MW	251		7			0
FISH TRAP	UPSTREAM	1034	MW	310		17			0
FISH TRAP	UPSTREAM	1035	MW	263					0
FISH TRAP	UPSTREAM	1036	MW	272					0
FISH TRAP	UPSTREAM	1037	MW	276		17			0
FISH TRAP	UPSTREAM	1038	MW	298		18			0
FISH TRAP	UPSTREAM	1039	MW	314					0
FISH TRAP	UPSTREAM	1040	MW	299		7			0
FISH TRAP	UPSTREAM	1041	MW	340			PIT	965000000009882	2
FISH TRAP	UPSTREAM	1042	MW	258		8			0
FISH TRAP	UPSTREAM	1043	MW	302		17			0
FISH TRAP	UPSTREAM	1044	MW	263		8	PIT	965000000068681	2
FISH TRAP	UPSTREAM	1045	MW	288		7			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1046	MW	264		17			0
FISH TRAP	UPSTREAM	1047	LSU	215					0
FISH TRAP	UPSTREAM	1052	BT	584					0
FISH TRAP	UPSTREAM	1053	MW	313		7			0
FISH TRAP	UPSTREAM	1054	MW	279					0
FISH TRAP	UPSTREAM	1055	MW	296		7			0
FISH TRAP	UPSTREAM	1056	MW	287		8			0
FISH TRAP	UPSTREAM	1057	MW	276		17			0
FISH TRAP	UPSTREAM	1058	MW	284		7	PIT	965000000245921	2
FISH TRAP	UPSTREAM	1059	MW	255		17			0
FISH TRAP	UPSTREAM	1060	MW	287		8			0
FISH TRAP	UPSTREAM	1061	MW	259		8			0
FISH TRAP	UPSTREAM	1062	MW	290		7			0
FISH TRAP	UPSTREAM	1063	MW	296		8			0
FISH TRAP	UPSTREAM	1064	MW	327		17			0
FISH TRAP	UPSTREAM	1065	MW	330		17			0
FISH TRAP	UPSTREAM	1066	MW	332			PIT	965000000242450	2
FISH TRAP	UPSTREAM	1067	MW	347		17	PIT	965000000080277	2
FISH TRAP	UPSTREAM	1068	MW	356		7			0
FISH TRAP	UPSTREAM	1069	MW	355		17			0
FISH TRAP	UPSTREAM	1070	MW	328		18			0
FISH TRAP	UPSTREAM	1071	MW	277		7			0
FISH TRAP	UPSTREAM	1072	MW	310					0
FISH TRAP	UPSTREAM	1073	MW	346		18			0
FISH TRAP	UPSTREAM	1074	MW	283					0
FISH TRAP	UPSTREAM	1075	MW	275		7			0
FISH TRAP	UPSTREAM	1076	MW	310			PIT	965000000092730	2
FISH TRAP	UPSTREAM	1077	MW	315		18			0
FISH TRAP	UPSTREAM	1078	MW	326		18			0
FISH TRAP	UPSTREAM	1079	MW	272		7			0
FISH TRAP	UPSTREAM	1080	MW	271					0
FISH TRAP	UPSTREAM	1081	MW	301		7			0
FISH TRAP	UPSTREAM	1082	MW	257		7			0
FISH TRAP	UPSTREAM	1083	MW	285		8	PIT	965000000087165	2
FISH TRAP	UPSTREAM	1084	MW	272		8			0
FISH TRAP	UPSTREAM	1085	MW	321		8	PIT	965000000088408	2
FISH TRAP	UPSTREAM	1086	MW	304					0
FISH TRAP	UPSTREAM	1087	MW	243		7			0
FISH TRAP	UPSTREAM	1088	MW	244		7			0
FISH TRAP	UPSTREAM	1089	MW	275		17			0
FISH TRAP	UPSTREAM	1090	MW	292					0
FISH TRAP	UPSTREAM	1091	MW	316		18			0
FISH TRAP	UPSTREAM	1092	MW	300		18			0
FISH TRAP	UPSTREAM	1093	MW	287		8			0
FISH TRAP	UPSTREAM	1094	MW	293		17			0
FISH TRAP	UPSTREAM	1095	MW	283		7			0
FISH TRAP	UPSTREAM	1096	MW	339		17			0
FISH TRAP	UPSTREAM	1097	MW	315					0
FISH TRAP	UPSTREAM	1098	MW	285					0
FISH TRAP	UPSTREAM	1099	MW	310		7			0
FISH TRAP	UPSTREAM	1100	MW	267		17			0
FISH TRAP	UPSTREAM	1101	MW	277		17			0
FISH TRAP	UPSTREAM	1102	BT	250		7			0
FISH TRAP	UPSTREAM	1103	MW	325		17			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1104	MW	300					0
FISH TRAP	UPSTREAM	1105	MW	304					0
FISH TRAP	UPSTREAM	1106	MW	255					0
FISH TRAP	UPSTREAM	1107	MW	276		18			0
FISH TRAP	UPSTREAM	1108	MW	252					0
FISH TRAP	UPSTREAM	1109	MW	273		17	PIT	965000000069589	2
FISH TRAP	UPSTREAM	1110	MW	321		18			0
FISH TRAP	UPSTREAM	1111	MW	301		18			0
FISH TRAP	UPSTREAM	1112	MW	255					0
FISH TRAP	UPSTREAM	1113	MW	282		17			0
FISH TRAP	UPSTREAM	1114	MW	285					0
FISH TRAP	UPSTREAM	1115	MW	260		8			0
FISH TRAP	UPSTREAM	1116	MW	278		17			0
FISH TRAP	UPSTREAM	1117	MW	295					0
FISH TRAP	UPSTREAM	1118	MW	318		17			0
FISH TRAP	UPSTREAM	1119	MW	296		17			0
FISH TRAP	UPSTREAM	1120	MW	315		17			0
FISH TRAP	UPSTREAM	1121	MW	334		8			0
FISH TRAP	UPSTREAM	1122	MW	276		17			0
FISH TRAP	UPSTREAM	1123	MW	303		7			0
FISH TRAP	UPSTREAM	1124	MW	364		8			0
FISH TRAP	UPSTREAM	1125	MW	273					0
FISH TRAP	UPSTREAM	1126	MW	319		7			0
FISH TRAP	UPSTREAM	1127	MW	271		7			0
FISH TRAP	UPSTREAM	1128	MW	348		18			0
FISH TRAP	UPSTREAM	1129	MW	267					0
FISH TRAP	UPSTREAM	1130	MW	263		17			0
FISH TRAP	UPSTREAM	1131	MW	266					0
FISH TRAP	UPSTREAM	1132	MW	274		17			0
FISH TRAP	UPSTREAM	1133	MW	256		7			0
FISH TRAP	UPSTREAM	1134	MW	320		8			0
FISH TRAP	UPSTREAM	1135	MW	254		17			0
FISH TRAP	UPSTREAM	1136	MW	292		7			0
FISH TRAP	UPSTREAM	1137	MW	333		17	PIT	4D00027046	2
FISH TRAP	UPSTREAM	1138	MW	294		8			0
FISH TRAP	UPSTREAM	1139	MW	295					0
FISH TRAP	UPSTREAM	1140	MW	332					0
FISH TRAP	UPSTREAM	1141	MW	304		18			0
FISH TRAP	UPSTREAM	1142	MW	277		17			0
FISH TRAP	UPSTREAM	1143	MW	302		18			0
FISH TRAP	UPSTREAM	1144	MW	354		8			0
FISH TRAP	UPSTREAM	1145	MW	283		8			0
FISH TRAP	UPSTREAM	1146	MW	273		17			0
FISH TRAP	UPSTREAM	1147	MW	275					0
FISH TRAP	UPSTREAM	1148	MW	272		7			0
FISH TRAP	UPSTREAM	1149	MW	246					0
FISH TRAP	UPSTREAM	1150	MW	274					0
FISH TRAP	UPSTREAM	1151	MW	276		17			0
FISH TRAP	UPSTREAM	1152	MW	338					0
FISH TRAP	UPSTREAM	1153	MW	287					0
FISH TRAP	UPSTREAM	1154	MW	275		8			0
FISH TRAP	UPSTREAM	1155	MW	300		18			0
FISH TRAP	UPSTREAM	1156	MW	245					0
FISH TRAP	UPSTREAM	1157	MW	328					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1158	MW	286		18			0
FISH TRAP	UPSTREAM	1159	MW	280					0
FISH TRAP	UPSTREAM	1160	MW	284		18			0
FISH TRAP	UPSTREAM	1161	MW	285		17			0
FISH TRAP	UPSTREAM	1162	MW	249					0
FISH TRAP	UPSTREAM	1163	MW	307		18	PIT	965000000079012	2
FISH TRAP	UPSTREAM	1164	MW	306		18			0
FISH TRAP	UPSTREAM	1165	MW	280		8			0
FISH TRAP	UPSTREAM	1166	MW	266		17			0
FISH TRAP	UPSTREAM	1167	MW	289		18			0
FISH TRAP	UPSTREAM	1168	MW	260		8			0
FISH TRAP	UPSTREAM	1169	MW	276		7			0
FISH TRAP	UPSTREAM	1170	MW	261					0
FISH TRAP	UPSTREAM	1171	MW	260		18			0
FISH TRAP	UPSTREAM	1172	MW	277			PIT	965000000007721	2
FISH TRAP	UPSTREAM	1173	MW	291		17			0
FISH TRAP	UPSTREAM	1174	MW	268					0
FISH TRAP	UPSTREAM	1175	MW	291			PIT	965000000110611	2
FISH TRAP	UPSTREAM	1176	MW	270		8			0
FISH TRAP	UPSTREAM	1177	MW	326		7			0
FISH TRAP	UPSTREAM	1178	MW	294		17			0
FISH TRAP	UPSTREAM	1179	MW	374		17			0
FISH TRAP	UPSTREAM	1180	MW	264		18			0
FISH TRAP	UPSTREAM	1181	MW	279		7			0
FISH TRAP	UPSTREAM	1182	MW	276		17			0
FISH TRAP	UPSTREAM	1183	MW	273					0
FISH TRAP	UPSTREAM	1184	MW	308		7			0
FISH TRAP	UPSTREAM	1185	MW	258		8			0
FISH TRAP	UPSTREAM	1186	LSU	195					0
FISH TRAP	UPSTREAM	1193	MW	249		17			0
FISH TRAP	UPSTREAM	1194	MW	258		17			0
FISH TRAP	UPSTREAM	1195	MW	296		7			0
FISH TRAP	UPSTREAM	1196	MW	287		8			0
FISH TRAP	UPSTREAM	1197	MW	282		18			0
FISH TRAP	UPSTREAM	1198	MW	267					0
FISH TRAP	UPSTREAM	1199	MW	338		18			0
FISH TRAP	UPSTREAM	1200	MW	308		18			0
FISH TRAP	UPSTREAM	1201	MW	315		7			0
FISH TRAP	UPSTREAM	1202	MW	323		18			0
FISH TRAP	UPSTREAM	1203	MW	340		8			0
FISH TRAP	UPSTREAM	1204	MW	293					0
FISH TRAP	UPSTREAM	1205	MW	297		8			0
FISH TRAP	UPSTREAM	1206	MW	315					0
FISH TRAP	UPSTREAM	1207	MW	286		8			0
FISH TRAP	UPSTREAM	1208	MW	274		17			0
FISH TRAP	UPSTREAM	1209	MW	262		8			0
FISH TRAP	UPSTREAM	1210	MW	290		17			0
FISH TRAP	UPSTREAM	1211	MW	340		8			0
FISH TRAP	UPSTREAM	1212	MW	204		8			0
FISH TRAP	UPSTREAM	1213	MW	281		18			0
FISH TRAP	UPSTREAM	1214	MW	338		18			1
FISH TRAP	UPSTREAM	1215	MW	256		8			0
FISH TRAP	UPSTREAM	1216	MW	323		18			0
FISH TRAP	UPSTREAM	1217	MW	284		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1218	MW	282		18			0
FISH TRAP	UPSTREAM	1219	MW	300		18			0
FISH TRAP	UPSTREAM	1220	MW	334					0
FISH TRAP	UPSTREAM	1221	MW	255					0
FISH TRAP	UPSTREAM	1224	MW	276		17			0
FISH TRAP	UPSTREAM	1225	MW	270		8			0
FISH TRAP	UPSTREAM	1226	MW	334		18			0
FISH TRAP	UPSTREAM	1227	MW	311		8			0
FISH TRAP	UPSTREAM	1228	MW	263		7			0
FISH TRAP	UPSTREAM	1229	MW	281		17			0
FISH TRAP	UPSTREAM	1230	MW	348		18			0
FISH TRAP	UPSTREAM	1231	MW	299		18			0
FISH TRAP	UPSTREAM	1232	MW	277					0
FISH TRAP	UPSTREAM	1233	MW	283		8			0
FISH TRAP	UPSTREAM	1234	MW	252					0
FISH TRAP	UPSTREAM	1235	MW	376		18			0
FISH TRAP	UPSTREAM	1236	MW	304		17			0
FISH TRAP	UPSTREAM	1237	MW	325		17			0
FISH TRAP	UPSTREAM	1238	MW	290		8			0
FISH TRAP	UPSTREAM	1239	MW	333		17			0
FISH TRAP	UPSTREAM	1240	MW	305		18			0
FISH TRAP	UPSTREAM	1241	MW	344		18			0
FISH TRAP	UPSTREAM	1242	MW	269		8			0
FISH TRAP	UPSTREAM	1243	MW	292		8			0
FISH TRAP	UPSTREAM	1244	MW	264		8			0
FISH TRAP	UPSTREAM	1245	MW	274		18			0
FISH TRAP	UPSTREAM	1246	MW	326		8			0
FISH TRAP	UPSTREAM	1247	MW	280					0
FISH TRAP	UPSTREAM	1248	MW	250		7			0
FISH TRAP	UPSTREAM	1249	MW	269		7			0
FISH TRAP	UPSTREAM	1250	MW	286		8			0
FISH TRAP	UPSTREAM	1251	MW	281		17			0
FISH TRAP	UPSTREAM	1252	MW	265					0
FISH TRAP	UPSTREAM	1253	MW	260		8			0
FISH TRAP	UPSTREAM	1254	MW	275					0
FISH TRAP	UPSTREAM	1255	MW	317		7			0
FISH TRAP	UPSTREAM	1256	MW	306		17			0
FISH TRAP	UPSTREAM	1257	MW	271		8			0
FISH TRAP	UPSTREAM	1258	MW	298		18	PIT	965000000237962	2
FISH TRAP	UPSTREAM	1260	MW	282		18			0
FISH TRAP	UPSTREAM	1261	MW	270		18			0
FISH TRAP	UPSTREAM	1262	MW	274		8			0
FISH TRAP	UPSTREAM	1263	MW	277		17			0
FISH TRAP	UPSTREAM	1264	MW	307		18			0
FISH TRAP	UPSTREAM	1265	MW	270		8			0
FISH TRAP	UPSTREAM	1266	MW	279		7			0
FISH TRAP	UPSTREAM	1267	MW	296		7			0
FISH TRAP	UPSTREAM	1268	MW	278		7			0
FISH TRAP	UPSTREAM	1269	MW	324					0
FISH TRAP	UPSTREAM	1270	MW	265		17			0
FISH TRAP	UPSTREAM	1271	MW	287		8			0
FISH TRAP	UPSTREAM	1272	MW	274					0
FISH TRAP	UPSTREAM	1273	MW	290		8			0
FISH TRAP	UPSTREAM	1274	MW	320		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1275	MW	298		8			0
FISH TRAP	UPSTREAM	1276	MW	293					0
FISH TRAP	UPSTREAM	1277	MW	333					0
FISH TRAP	UPSTREAM	1278	MW	274		8			0
FISH TRAP	UPSTREAM	1279	MW	334		18			0
FISH TRAP	UPSTREAM	1280	MW	299		17			0
FISH TRAP	UPSTREAM	1281	MW	271		7			0
FISH TRAP	UPSTREAM	1282	MW	298					0
FISH TRAP	UPSTREAM	1283	MW	304		8			0
FISH TRAP	UPSTREAM	1284	MW	315		18			0
FISH TRAP	UPSTREAM	1285	MW	345		18			0
FISH TRAP	UPSTREAM	1286	MW	352		8			0
FISH TRAP	UPSTREAM	1287	MW	290		17			0
FISH TRAP	UPSTREAM	1288	MW	329		17			0
FISH TRAP	UPSTREAM	1289	MW	267					0
FISH TRAP	UPSTREAM	1290	MW	247					0
FISH TRAP	UPSTREAM	1291	MW	291		7			0
FISH TRAP	UPSTREAM	1292	MW	311		8			0
FISH TRAP	UPSTREAM	1293	MW	279		8			0
FISH TRAP	UPSTREAM	1294	MW	297		8			0
FISH TRAP	UPSTREAM	1295	MW	286					0
FISH TRAP	UPSTREAM	1296	MW	267		8			0
FISH TRAP	UPSTREAM	1297	MW	299		7			0
FISH TRAP	UPSTREAM	1298	MW	260					0
FISH TRAP	UPSTREAM	1299	MW	311		8			0
FISH TRAP	UPSTREAM	1300	MW	289		7			0
FISH TRAP	UPSTREAM	1301	MW	262		8			0
FISH TRAP	UPSTREAM	1302	MW	276					0
FISH TRAP	UPSTREAM	1303	MW	297					0
FISH TRAP	UPSTREAM	1304	MW	253					0
FISH TRAP	UPSTREAM	1305	MW	362		17			0
FISH TRAP	UPSTREAM	1306	MW	277		18			0
FISH TRAP	UPSTREAM	1307	MW	279		8			0
FISH TRAP	UPSTREAM	1308	MW	356		8			0
FISH TRAP	UPSTREAM	1309	MW	272		8			0
FISH TRAP	UPSTREAM	1310	MW	264		8			0
FISH TRAP	UPSTREAM	1311	MW	344		8			0
FISH TRAP	UPSTREAM	1312	MW	286					0
FISH TRAP	UPSTREAM	1313	MW	274		7			0
FISH TRAP	UPSTREAM	1314	MW	268		17			0
FISH TRAP	UPSTREAM	1315	MW	268		17	PIT	965000000093107	2
FISH TRAP	UPSTREAM	1316	MW	274					0
FISH TRAP	UPSTREAM	1317	MW	273					0
FISH TRAP	UPSTREAM	1318	MW	258		8			0
FISH TRAP	UPSTREAM	1319	MW	300		8			0
FISH TRAP	UPSTREAM	1320	MW	303		18			0
FISH TRAP	UPSTREAM	1321	MW	239		8			0
FISH TRAP	UPSTREAM	1322	MW	284		7			0
FISH TRAP	UPSTREAM	1323	MW	302		18			0
FISH TRAP	UPSTREAM	1324	MW	355		8			0
FISH TRAP	UPSTREAM	1325	MW	277					0
FISH TRAP	UPSTREAM	1326	MW	329		17			0
FISH TRAP	UPSTREAM	1327	MW	326					0
FISH TRAP	UPSTREAM	1328	MW	299		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1329	MW	294		8			0
FISH TRAP	UPSTREAM	1330	MW	272		8			0
FISH TRAP	UPSTREAM	1331	MW	302		17			0
FISH TRAP	UPSTREAM	1332	MW	274		8			0
FISH TRAP	UPSTREAM	1333	MW	295		17			0
FISH TRAP	UPSTREAM	1334	MW	245		7			0
FISH TRAP	UPSTREAM	1335	MW	279		17			0
FISH TRAP	UPSTREAM	1336	MW	332		8			0
FISH TRAP	UPSTREAM	1337	MW	264		7			0
FISH TRAP	UPSTREAM	1338	MW	278					0
FISH TRAP	UPSTREAM	1339	MW	276		7			0
FISH TRAP	UPSTREAM	1340	MW	333		7			0
FISH TRAP	UPSTREAM	1341	MW	260		8			0
FISH TRAP	UPSTREAM	1342	MW	281		8			0
FISH TRAP	UPSTREAM	1343	MW	256					0
FISH TRAP	UPSTREAM	1344	MW	278		8			0
FISH TRAP	UPSTREAM	1345	MW	306		8			0
FISH TRAP	UPSTREAM	1346	MW	349		17			0
FISH TRAP	UPSTREAM	1347	MW	318		8			0
FISH TRAP	UPSTREAM	1348	MW	247					0
FISH TRAP	UPSTREAM	1349	MW	311		17			0
FISH TRAP	UPSTREAM	1350	MW	274					0
FISH TRAP	UPSTREAM	1351	MW	282		7			0
FISH TRAP	UPSTREAM	1352	MW	315					0
FISH TRAP	UPSTREAM	1355	MW	296		17			0
FISH TRAP	UPSTREAM	1356	MW	284		8			0
FISH TRAP	UPSTREAM	1357	MW	315		17			0
FISH TRAP	UPSTREAM	1358	MW	294		8			0
FISH TRAP	UPSTREAM	1359	MW	311		17			0
FISH TRAP	UPSTREAM	1360	MW	306		8			0
FISH TRAP	UPSTREAM	1361	MW	286		8			0
FISH TRAP	UPSTREAM	1362	MW	246					0
FISH TRAP	UPSTREAM	1363	MW	284		17			0
FISH TRAP	UPSTREAM	1364	MW	302		7			0
FISH TRAP	UPSTREAM	1365	MW	265		18			0
FISH TRAP	UPSTREAM	1366	MW	248					0
FISH TRAP	UPSTREAM	1367	MW	274		18			0
FISH TRAP	UPSTREAM	1368	MW	255					0
FISH TRAP	UPSTREAM	1369	MW	323		17			0
FISH TRAP	UPSTREAM	1370	MW	308		8			0
FISH TRAP	UPSTREAM	1371	MW	234					0
FISH TRAP	UPSTREAM	1372	MW	271		8			0
FISH TRAP	UPSTREAM	1373	MW	268		17			0
FISH TRAP	UPSTREAM	1374	MW	329		18			0
FISH TRAP	UPSTREAM	1375	MW	316		17			0
FISH TRAP	UPSTREAM	1376	MW	290					0
FISH TRAP	UPSTREAM	1377	MW	259					0
FISH TRAP	UPSTREAM	1378	MW	255		8			0
FISH TRAP	UPSTREAM	1379	MW	277		8			0
FISH TRAP	UPSTREAM	1380	MW	314					0
FISH TRAP	UPSTREAM	1381	MW	279		8			0
FISH TRAP	UPSTREAM	1382	MW	282		17			0
FISH TRAP	UPSTREAM	1383	MW	301		17			0
FISH TRAP	UPSTREAM	1384	MW	286		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1385	MW	294		8			0
FISH TRAP	UPSTREAM	1386	MW	257		8			0
FISH TRAP	UPSTREAM	1387	MW	276		8			0
FISH TRAP	UPSTREAM	1388	MW	278		17			0
FISH TRAP	UPSTREAM	1389	MW	279		17			0
FISH TRAP	UPSTREAM	1390	MW	271		8			0
FISH TRAP	UPSTREAM	1391	MW	275		17			0
FISH TRAP	UPSTREAM	1392	MW	320		8			0
FISH TRAP	UPSTREAM	1393	MW	286					0
FISH TRAP	UPSTREAM	1394	MW	263		17			0
FISH TRAP	UPSTREAM	1395	MW	357		17			0
FISH TRAP	UPSTREAM	1396	MW	273		17			0
FISH TRAP	UPSTREAM	1397	MW	314		7			0
FISH TRAP	UPSTREAM	1398	MW	291		17			0
FISH TRAP	UPSTREAM	1399	MW	273		8			0
FISH TRAP	UPSTREAM	1400	MW	281					0
FISH TRAP	UPSTREAM	1401	MW	258					0
FISH TRAP	UPSTREAM	1402	MW	235					0
FISH TRAP	UPSTREAM	1403	MW	287		18			0
FISH TRAP	UPSTREAM	1404	MW	266		8			0
FISH TRAP	UPSTREAM	1405	MW	240					0
FISH TRAP	UPSTREAM	1406	MW	311		8			0
FISH TRAP	UPSTREAM	1407	MW	337		18			0
FISH TRAP	UPSTREAM	1408	MW	275		8			0
FISH TRAP	UPSTREAM	1409	MW	267		17			0
FISH TRAP	UPSTREAM	1410	MW	263		8			0
FISH TRAP	UPSTREAM	1411	MW	264		17			0
FISH TRAP	UPSTREAM	1412	MW	271					0
FISH TRAP	UPSTREAM	1413	MW	280		18			0
FISH TRAP	UPSTREAM	1414	MW	300			PIT	965000000244616	2
FISH TRAP	UPSTREAM	1415	MW	281		8			0
FISH TRAP	UPSTREAM	1416	MW	371		7			0
FISH TRAP	UPSTREAM	1417	MW	314		18	PIT	965000000078071	2
FISH TRAP	UPSTREAM	1418	MW	281					0
FISH TRAP	UPSTREAM	1419	MW	256		8			0
FISH TRAP	UPSTREAM	1420	MW	267		18			0
FISH TRAP	UPSTREAM	1421	MW	308		18			0
FISH TRAP	UPSTREAM	1422	MW	377		18			0
FISH TRAP	UPSTREAM	1423	MW	303		17			0
FISH TRAP	UPSTREAM	1424	MW	289		17			0
FISH TRAP	UPSTREAM	1425	MW	291					0
FISH TRAP	UPSTREAM	1426	MW	270		8			0
FISH TRAP	UPSTREAM	1427	MW	306		8			0
FISH TRAP	UPSTREAM	1428	MW	262					0
FISH TRAP	UPSTREAM	1429	MW	301		18			0
FISH TRAP	UPSTREAM	1430	MW	246		17			0
FISH TRAP	UPSTREAM	1431	MW						0
FISH TRAP	UPSTREAM	1432	LNC	208					0
FISH TRAP	UPSTREAM	1436	MW	443		18			0
FISH TRAP	UPSTREAM	1693	MW	360		17			0
FISH TRAP	UPSTREAM	1694	MW	307		8			0
FISH TRAP	UPSTREAM	1695	MW	282		8			0
FISH TRAP	UPSTREAM	1696	MW	321		18			0
FISH TRAP	UPSTREAM	1697	MW	331		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1698	MW	337		8			0
FISH TRAP	UPSTREAM	1699	MW	268		8			0
FISH TRAP	UPSTREAM	1700	MW	271		8			0
FISH TRAP	UPSTREAM	1791	MW	304		8			0
FISH TRAP	UPSTREAM	1792	MW	335		8			0
FISH TRAP	UPSTREAM	1793	MW	410		8			0
FISH TRAP	UPSTREAM	1794	MW	338		8			0
FISH TRAP	UPSTREAM	1795	MW	288		18			0
FISH TRAP	UPSTREAM	1796	MW	298		18			0
FISH TRAP	UPSTREAM	1797	MW	274		18			0
FISH TRAP	UPSTREAM	1798	MW	280		18			0
FISH TRAP	UPSTREAM	1799	MW	295		18			0
FISH TRAP	UPSTREAM	1800	MW	305		8			0
FISH TRAP	UPSTREAM	1801	MW	293		8			0
FISH TRAP	UPSTREAM	1802	MW	305		8			0
FISH TRAP	UPSTREAM	1803	MW	335		8			0
FISH TRAP	UPSTREAM	1804	MW	299		8			0
FISH TRAP	UPSTREAM	1805	MW	305		8			0
FISH TRAP	UPSTREAM	1806	MW	249		8			0
FISH TRAP	UPSTREAM	1807	MW	279		8			0
FISH TRAP	UPSTREAM	1808	MW	346		8			0
FISH TRAP	UPSTREAM	1809	MW	256		8			0
FISH TRAP	UPSTREAM	1810	MW	275		18			0
FISH TRAP	UPSTREAM	1811	MW	265		8			0
FISH TRAP	UPSTREAM	1812	MW	289		18			0
FISH TRAP	UPSTREAM	1813	GR	214					0
FISH TRAP	UPSTREAM	1814	MW	280		8			0
FISH TRAP	UPSTREAM	1815	MW	259		8			0
FISH TRAP	UPSTREAM	1816	MW	320		18	PIT	965000000245035	2
FISH TRAP	UPSTREAM	1817	MW	272		17			0
FISH TRAP	UPSTREAM	1955	MW	398		18			0
FISH TRAP	UPSTREAM	1956	MW	379		18			0
FISH TRAP	UPSTREAM	1957	MW	324		18			0
FISH TRAP	UPSTREAM	1958	MW	328		18			0
FISH TRAP	UPSTREAM	1959	MW	321		17			0
FISH TRAP	UPSTREAM	1960	MW	292		18			0
FISH TRAP	UPSTREAM	1961	MW	428		18			0
FISH TRAP	UPSTREAM	1962	MW	241		8			0
FISH TRAP	UPSTREAM	1963	MW	324		18			0
FISH TRAP	UPSTREAM	1964	MW	261		8			0
FISH TRAP	UPSTREAM	1965	MW	305		18			0
FISH TRAP	UPSTREAM	1966	MW	274		18			0
FISH TRAP	UPSTREAM	1967	MW	280			FLOY	16509	2
FISH TRAP	UPSTREAM	1968	MW	370		18			0
FISH TRAP	UPSTREAM	1969	MW	301		8			0
FISH TRAP	UPSTREAM	1970	MW	316		18			0
FISH TRAP	UPSTREAM	1971	MW	315		8			0
FISH TRAP	UPSTREAM	1972	MW	341					0
FISH TRAP	UPSTREAM	1973	MW	284		8			0
FISH TRAP	UPSTREAM	1974	MW	310		8			0
FISH TRAP	UPSTREAM	1975	MW	254		8			0
FISH TRAP	UPSTREAM	1976	MW	344		8			0
FISH TRAP	UPSTREAM	1977	MW	285		8			0
FISH TRAP	UPSTREAM	1978	MW	244		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	1979	MW	285		18			0
FISH TRAP	UPSTREAM	1980	MW	278		18			0
FISH TRAP	UPSTREAM	1981	MW	300		8			0
FISH TRAP	UPSTREAM	1982	MW	274		8	PIT	965000000089325	2
FISH TRAP	UPSTREAM	1983	MW	244					0
FISH TRAP	UPSTREAM	1984	MW	360		18			0
FISH TRAP	UPSTREAM	1985	MW	285		8			0
FISH TRAP	UPSTREAM	2058	LSU	234					0
FISH TRAP	UPSTREAM	2064	MW	269		8			0
FISH TRAP	UPSTREAM	2108	MW	312		8			0
FISH TRAP	UPSTREAM	2112	LSU	180					0
FISH TRAP	UPSTREAM	2113	MW	387		8			0
FISH TRAP	UPSTREAM	2114	MW	335		18			0
FISH TRAP	UPSTREAM	2115	MW	335		18			0
FISH TRAP	UPSTREAM	2116	MW	280		18			0
FISH TRAP	UPSTREAM	2117	MW	348		8			0
FISH TRAP	UPSTREAM	2118	MW	314		8			0
FISH TRAP	UPSTREAM	2119	MW	291		8			0
FISH TRAP	UPSTREAM	2120	MW	304		18			0
FISH TRAP	UPSTREAM	2121	MW	296		18			0
FISH TRAP	UPSTREAM	2122	MW	317		8			0
FISH TRAP	UPSTREAM	2123	MW	295		8			0
FISH TRAP	UPSTREAM	2124	MW	268		8			0
FISH TRAP	UPSTREAM	2142	MW	320		8			0
FISH TRAP	UPSTREAM	2143	MW	316		8			0
FISH TRAP	UPSTREAM	2144	MW	308		18			0
FISH TRAP	UPSTREAM	2145	MW	346		18			0
FISH TRAP	UPSTREAM	2146	MW	276		18			0
FISH TRAP	UPSTREAM	2147	MW	304		8			0
FISH TRAP	UPSTREAM	2148	MW	270		18	PIT	965000000071733	2
FISH TRAP	UPSTREAM	2149	MW	290		18			0
FISH TRAP	UPSTREAM	2150	MW	306		18			0
FISH TRAP	UPSTREAM	2151	MW	277		8			0
FISH TRAP	UPSTREAM	2152	MW	432		18	PIT	965000000245216	2
FISH TRAP	UPSTREAM	2153	MW	266		8			0
FISH TRAP	UPSTREAM	2154	MW	260		18			0
FISH TRAP	UPSTREAM	2155	MW	325		18			0
FISH TRAP	UPSTREAM	2156	MW	294		18			0
FISH TRAP	UPSTREAM	2157	MW	298		18			0
FISH TRAP	UPSTREAM	2158	MW	259		8			0
FISH TRAP	UPSTREAM	2159	MW	265		18			0
FISH TRAP	UPSTREAM	2160	MW	348		18			0
FISH TRAP	UPSTREAM	2161	MW	311		18			0
FISH TRAP	UPSTREAM	2162	MW	302		8			0
FISH TRAP	UPSTREAM	2163	MW	295		8			0
FISH TRAP	UPSTREAM	2164	MW	365		18			0
FISH TRAP	UPSTREAM	2165	MW	283		18	PIT	965000000245715	2
FISH TRAP	UPSTREAM	2166	MW	260		8			0
FISH TRAP	UPSTREAM	2167	MW	311		18			0
FISH TRAP	UPSTREAM	2168	MW	289		18			0
FISH TRAP	UPSTREAM	2169	MW	264		8	PIT	965000000069758	2
FISH TRAP	UPSTREAM	2170	MW	338		18			0
FISH TRAP	UPSTREAM	2171	MW	280		8			0
FISH TRAP	UPSTREAM	2172	MW	284		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2173	MW	304		8			0
FISH TRAP	UPSTREAM	2174	MW	335		18			0
FISH TRAP	UPSTREAM	2175	MW	296		8			0
FISH TRAP	UPSTREAM	2176	MW	299		18			0
FISH TRAP	UPSTREAM	2177	MW	298		18			0
FISH TRAP	UPSTREAM	2178	MW	311		18	PIT	965000000090029	2
FISH TRAP	UPSTREAM	2179	MW	312		18	PIT	965000000090868	2
FISH TRAP	UPSTREAM	2180	MW	301		18			0
FISH TRAP	UPSTREAM	2181	MW	291		8			0
FISH TRAP	UPSTREAM	2182	MW	266		8			0
FISH TRAP	UPSTREAM	2183	MW	311		18			0
FISH TRAP	UPSTREAM	2184	MW	274		8			0
FISH TRAP	UPSTREAM	2185	MW	292		18			0
FISH TRAP	UPSTREAM	2186	GR	333					0
FISH TRAP	UPSTREAM	2187	MW	281		8			0
FISH TRAP	UPSTREAM	2188	MW	289		8			0
FISH TRAP	UPSTREAM	2189	MW	333		8			0
FISH TRAP	UPSTREAM	2190	MW	254		18			0
FISH TRAP	UPSTREAM	2191	MW	294		18			0
FISH TRAP	UPSTREAM	2192	MW	261		8			0
FISH TRAP	UPSTREAM	2193	MW	314		8			0
FISH TRAP	UPSTREAM	2194	MW	295		8			0
FISH TRAP	UPSTREAM	2195	MW	300		18			0
FISH TRAP	UPSTREAM	2196	MW	317		18			0
FISH TRAP	UPSTREAM	2197	MW	261		8			0
FISH TRAP	UPSTREAM	2198	MW	280		18			0
FISH TRAP	UPSTREAM	2199	MW	268		18			0
FISH TRAP	UPSTREAM	2200	MW	286		18			0
FISH TRAP	UPSTREAM	2201	MW	284		8			0
FISH TRAP	UPSTREAM	2202	MW	273		8			0
FISH TRAP	UPSTREAM	2203	MW	310		18			0
FISH TRAP	UPSTREAM	2204	MW	323		18			0
FISH TRAP	UPSTREAM	2205	MW	306		8			0
FISH TRAP	UPSTREAM	2206	MW	241		8			0
FISH TRAP	UPSTREAM	2207	MW	269		18			0
FISH TRAP	UPSTREAM	2208	MW	291		18			0
FISH TRAP	UPSTREAM	2209	MW	278		18			0
FISH TRAP	UPSTREAM	2210	MW	327		18			0
FISH TRAP	UPSTREAM	2211	MW	376		18			0
FISH TRAP	UPSTREAM	2212	MW	284		8			0
FISH TRAP	UPSTREAM	2213	MW	295		8			0
FISH TRAP	UPSTREAM	2214	MW	317		8			0
FISH TRAP	UPSTREAM	2215	MW	273		8			0
FISH TRAP	UPSTREAM	2216	MW	265		18			0
FISH TRAP	UPSTREAM	2217	MW	313		8			0
FISH TRAP	UPSTREAM	2218	MW	285		8			0
FISH TRAP	UPSTREAM	2219	MW	266		18			0
FISH TRAP	UPSTREAM	2220	MW	283		18			0
FISH TRAP	UPSTREAM	2221	MW	380		18			0
FISH TRAP	UPSTREAM	2222	MW	346		18			0
FISH TRAP	UPSTREAM	2223	MW	317		18			0
FISH TRAP	UPSTREAM	2224	MW	315		18			0
FISH TRAP	UPSTREAM	2225	MW	344		18			0
FISH TRAP	UPSTREAM	2226	MW	330		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2227	MW	275		8			0
FISH TRAP	UPSTREAM	2228	MW	310		18			0
FISH TRAP	UPSTREAM	2229	MW	275		18			0
FISH TRAP	UPSTREAM	2230	MW	284		8			0
FISH TRAP	UPSTREAM	2231	MW	269		8			0
FISH TRAP	UPSTREAM	2232	MW	274		18			0
FISH TRAP	UPSTREAM	2233	MW	281		8			0
FISH TRAP	UPSTREAM	2234	MW	262		8			0
FISH TRAP	UPSTREAM	2235	MW	278		8			0
FISH TRAP	UPSTREAM	2236	MW	273		18			0
FISH TRAP	UPSTREAM	2237	MW	280		8			0
FISH TRAP	UPSTREAM	2238	MW	304		8			0
FISH TRAP	UPSTREAM	2239	MW	318		8			0
FISH TRAP	UPSTREAM	2240	MW	261		8			0
FISH TRAP	UPSTREAM	2241	MW	290		8			0
FISH TRAP	UPSTREAM	2242	MW	292		8			0
FISH TRAP	UPSTREAM	2243	MW	297		8			0
FISH TRAP	UPSTREAM	2244	MW	305		18			0
FISH TRAP	UPSTREAM	2245	MW	293		8			0
FISH TRAP	UPSTREAM	2246	MW	283		8			0
FISH TRAP	UPSTREAM	2247	MW	293		18			0
FISH TRAP	UPSTREAM	2248	MW	256		18			0
FISH TRAP	UPSTREAM	2249	MW	230		18			0
FISH TRAP	UPSTREAM	2250	MW	319		18			0
FISH TRAP	UPSTREAM	2251	MW	270		18			0
FISH TRAP	UPSTREAM	2252	MW	283		18			0
FISH TRAP	UPSTREAM	2253	MW	280		18			0
FISH TRAP	UPSTREAM	2254	MW	258		18			0
FISH TRAP	UPSTREAM	2255	MW	342		8			0
FISH TRAP	UPSTREAM	2256	MW	246		8			0
FISH TRAP	UPSTREAM	2257	MW	273		8			0
FISH TRAP	UPSTREAM	2258	MW	245		8			0
FISH TRAP	UPSTREAM	2259	MW	289		18			0
FISH TRAP	UPSTREAM	2260	MW	326		18			0
FISH TRAP	UPSTREAM	2261	MW	321		8			0
FISH TRAP	UPSTREAM	2262	MW	269		18			0
FISH TRAP	UPSTREAM	2263	MW	287		8			0
FISH TRAP	UPSTREAM	2264	MW	330		8			0
FISH TRAP	UPSTREAM	2265	MW	302		18			0
FISH TRAP	UPSTREAM	2266	MW	323		18			0
FISH TRAP	UPSTREAM	2267	MW	282		18			0
FISH TRAP	UPSTREAM	2268	MW	277		8			0
FISH TRAP	UPSTREAM	2269	MW	310		8			0
FISH TRAP	UPSTREAM	2270	MW	345		18			0
FISH TRAP	UPSTREAM	2271	MW	273		8			0
FISH TRAP	UPSTREAM	2272	MW	293		8			0
FISH TRAP	UPSTREAM	2273	MW	315		18			0
FISH TRAP	UPSTREAM	2274	MW	293		18			0
FISH TRAP	UPSTREAM	2275	MW	370		18			0
FISH TRAP	UPSTREAM	2276	MW	337		18			0
FISH TRAP	UPSTREAM	2277	MW	320		18			0
FISH TRAP	UPSTREAM	2278	MW	255		8			0
FISH TRAP	UPSTREAM	2279	MW	309		8			0
FISH TRAP	UPSTREAM	2280	MW	343		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2281	MW	272		8			0
FISH TRAP	UPSTREAM	2282	MW	291		18			0
FISH TRAP	UPSTREAM	2283	MW	264		8			0
FISH TRAP	UPSTREAM	2284	MW	281		8			0
FISH TRAP	UPSTREAM	2285	MW	330		18			0
FISH TRAP	UPSTREAM	2286	MW	345		18			0
FISH TRAP	UPSTREAM	2287	MW	277		18			0
FISH TRAP	UPSTREAM	2288	MW	314		18			0
FISH TRAP	UPSTREAM	2289	MW	284		8			0
FISH TRAP	UPSTREAM	2290	MW	300		8			0
FISH TRAP	UPSTREAM	2291	MW	323		18	PIT	965000000070148	2
FISH TRAP	UPSTREAM	2292	MW	319		8			0
FISH TRAP	UPSTREAM	2293	MW	328		8			0
FISH TRAP	UPSTREAM	2294	MW	350		18	PIT	965000000087813	2
FISH TRAP	UPSTREAM	2295	MW	324		18			0
FISH TRAP	UPSTREAM	2296	MW	250		8			0
FISH TRAP	UPSTREAM	2297	MW	327		18			0
FISH TRAP	UPSTREAM	2298	MW	303		8	PIT	965000000247953	2
FISH TRAP	UPSTREAM	2299	MW	291		8			0
FISH TRAP	UPSTREAM	2300	MW	291		8			0
FISH TRAP	UPSTREAM	2301	MW	313		18			0
FISH TRAP	UPSTREAM	2302	MW	275		8	PIT	965000000248100	2
FISH TRAP	UPSTREAM	2303	MW	291		8			0
FISH TRAP	UPSTREAM	2304	MW	298		18			0
FISH TRAP	UPSTREAM	2305	MW	359		18			0
FISH TRAP	UPSTREAM	2306	MW	300		18			0
FISH TRAP	UPSTREAM	2307	MW	256					0
FISH TRAP	UPSTREAM	2308	MW	292		18			0
FISH TRAP	UPSTREAM	2309	MW	300		8			0
FISH TRAP	UPSTREAM	2310	MW	296		8			0
FISH TRAP	UPSTREAM	2311	MW	330		18			0
FISH TRAP	UPSTREAM	2312	MW	285		18			0
FISH TRAP	UPSTREAM	2313	MW	280		18			0
FISH TRAP	UPSTREAM	2314	MW	279		18			0
FISH TRAP	UPSTREAM	2315	MW	301		18			0
FISH TRAP	UPSTREAM	2316	MW	310		18			0
FISH TRAP	UPSTREAM	2317	MW	298		18			0
FISH TRAP	UPSTREAM	2318	MW	272		8			0
FISH TRAP	UPSTREAM	2319	MW	281		8			0
FISH TRAP	UPSTREAM	2320	MW	264		8			0
FISH TRAP	UPSTREAM	2321	MW	293		18			0
FISH TRAP	UPSTREAM	2322	MW	308		18	PIT	965000000010079	2
FISH TRAP	UPSTREAM	2323	MW	291		8			0
FISH TRAP	UPSTREAM	2324	MW	267		8			0
FISH TRAP	UPSTREAM	2325	MW	339		18			0
FISH TRAP	UPSTREAM	2328	MW	271		18			0
FISH TRAP	UPSTREAM	2329	MW	300		18			0
FISH TRAP	UPSTREAM	2330	MW	296		18			0
FISH TRAP	UPSTREAM	2331	MW	265		18			0
FISH TRAP	UPSTREAM	2332	MW	291		8			0
FISH TRAP	UPSTREAM	2333	MW	291		18			0
FISH TRAP	UPSTREAM	2334	MW	292		8			0
FISH TRAP	UPSTREAM	2335	MW	275		18			0
FISH TRAP	UPSTREAM	2336	MW	285		18	PIT	965000000247621	2

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2337	MW	285		8			0
FISH TRAP	UPSTREAM	2338	MW	296		8	PIT	965000000068131	2
FISH TRAP	UPSTREAM	2339	MW	346		8			0
FISH TRAP	UPSTREAM	2340	MW	472		19			0
FISH TRAP	UPSTREAM	2341	MW	301		8			0
FISH TRAP	UPSTREAM	2342	MW	305		8			0
FISH TRAP	UPSTREAM	2343	MW	299		18			0
FISH TRAP	UPSTREAM	2344	MW	279		8			0
FISH TRAP	UPSTREAM	2345	MW	336		18			0
FISH TRAP	UPSTREAM	2346	MW	248		8			0
FISH TRAP	UPSTREAM	2347	MW	259		8			0
FISH TRAP	UPSTREAM	2348	MW	275		8			0
FISH TRAP	UPSTREAM	2349	MW	280		8			0
FISH TRAP	UPSTREAM	2350	MW	280		18			0
FISH TRAP	UPSTREAM	2351	MW	278		18			0
FISH TRAP	UPSTREAM	2352	MW	348		18			0
FISH TRAP	UPSTREAM	2353	MW	297		18			0
FISH TRAP	UPSTREAM	2354	MW	254		8			0
FISH TRAP	UPSTREAM	2355	MW	278		8			0
FISH TRAP	UPSTREAM	2356	MW	304		8			0
FISH TRAP	UPSTREAM	2357	MW	236		8			0
FISH TRAP	UPSTREAM	2358	MW	276		18			0
FISH TRAP	UPSTREAM	2368	MW	343		8			0
FISH TRAP	UPSTREAM	2369	MW	281		18			0
FISH TRAP	UPSTREAM	2370	MW	347		18			0
FISH TRAP	UPSTREAM	2371	MW	296		18			0
FISH TRAP	UPSTREAM	2372	MW	274		18			0
FISH TRAP	UPSTREAM	2373	MW	309		18			0
FISH TRAP	UPSTREAM	2374	MW	464		18			0
FISH TRAP	UPSTREAM	2375	MW	391		18			0
FISH TRAP	UPSTREAM	2376	MW	345		18			0
FISH TRAP	UPSTREAM	2377	MW	289		18			0
FISH TRAP	UPSTREAM	2378	MW	276		18			0
FISH TRAP	UPSTREAM	2379	MW	366		18			0
FISH TRAP	UPSTREAM	2380	MW	316		18			0
FISH TRAP	UPSTREAM	2381	MW	337		18			0
FISH TRAP	UPSTREAM	2382	MW	328		18			0
FISH TRAP	UPSTREAM	2383	MW	321		18			0
FISH TRAP	UPSTREAM	2384	MW	260		8			0
FISH TRAP	UPSTREAM	2385	MW	322		18			0
FISH TRAP	UPSTREAM	2386	MW	287		8			0
FISH TRAP	UPSTREAM	2387	MW	303		18			0
FISH TRAP	UPSTREAM	2388	MW	324		18			0
FISH TRAP	UPSTREAM	2399	MW	385		18			0
FISH TRAP	UPSTREAM	2400	MW	347		18	PIT	0A00721820	2
FISH TRAP	UPSTREAM	2401	MW	306		8			0
FISH TRAP	UPSTREAM	2402	MW	331		8			0
FISH TRAP	UPSTREAM	2403	MW	314		8			0
FISH TRAP	UPSTREAM	2404	MW	293		18			0
FISH TRAP	UPSTREAM	2405	MW	293		18			0
FISH TRAP	UPSTREAM	2406	MW	347		8			0
FISH TRAP	UPSTREAM	2407	MW	349		8			0
FISH TRAP	UPSTREAM	2408	MW	354		8			0
FISH TRAP	UPSTREAM	2409	MW	318		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2410	MW	290		18			0
FISH TRAP	UPSTREAM	2411	MW	295		8			0
FISH TRAP	UPSTREAM	2412	MW	294		18			0
FISH TRAP	UPSTREAM	2413	MW	331		18			0
FISH TRAP	UPSTREAM	2414	MW	330		8			0
FISH TRAP	UPSTREAM	2415	MW	283		18			0
FISH TRAP	UPSTREAM	2416	MW	329		8			0
FISH TRAP	UPSTREAM	2417	MW	262		8			0
FISH TRAP	UPSTREAM	2418	MW	323		8			0
FISH TRAP	UPSTREAM	2419	MW	364		18			0
FISH TRAP	UPSTREAM	2420	MW	321		18			0
FISH TRAP	UPSTREAM	2421	MW	350		8			0
FISH TRAP	UPSTREAM	2422	MW	319		8			0
FISH TRAP	UPSTREAM	2423	MW	384		18			0
FISH TRAP	UPSTREAM	2424	MW	347		18			0
FISH TRAP	UPSTREAM	2425	MW	392		8			0
FISH TRAP	UPSTREAM	2426	MW	336		18			0
FISH TRAP	UPSTREAM	2427	MW	309		8			0
FISH TRAP	UPSTREAM	2428	MW	282		18			0
FISH TRAP	UPSTREAM	2429	MW	314		8			0
FISH TRAP	UPSTREAM	2430	MW	319		18			0
FISH TRAP	UPSTREAM	2431	MW	306		8			0
FISH TRAP	UPSTREAM	2432	MW	354		8	FLOY	10956	2
FISH TRAP	UPSTREAM	2433	MW	386		18			0
FISH TRAP	UPSTREAM	2434	MW	387		18			0
FISH TRAP	UPSTREAM	2435	MW	289		18			0
FISH TRAP	UPSTREAM	2436	MW	347		18			0
FISH TRAP	UPSTREAM	2437	MW	320		18	PIT	965000000246970	2
FISH TRAP	UPSTREAM	2438	MW	365		18			0
FISH TRAP	UPSTREAM	2439	MW	327		18	PIT	965000000090170	2
FISH TRAP	UPSTREAM	2440	MW	323		18			0
FISH TRAP	UPSTREAM	2441	MW	297		8			0
FISH TRAP	UPSTREAM	2442	MW	333		18			0
FISH TRAP	UPSTREAM	2443	MW	304		18			0
FISH TRAP	UPSTREAM	2444	MW	356		18			0
FISH TRAP	UPSTREAM	2445	MW	354		18	PIT	965000000088882	2
FISH TRAP	UPSTREAM	2446	MW	303		18			0
FISH TRAP	UPSTREAM	2447	MW	351		18			0
FISH TRAP	UPSTREAM	2448	MW	323		8			0
FISH TRAP	UPSTREAM	2449	MW	314		18			0
FISH TRAP	UPSTREAM	2450	MW	303		8			0
FISH TRAP	UPSTREAM	2451	MW	314		18			0
FISH TRAP	UPSTREAM	2452	MW	305		18			0
FISH TRAP	UPSTREAM	2453	MW	292		8			0
FISH TRAP	UPSTREAM	2454	MW	305		18			0
FISH TRAP	UPSTREAM	2455	MW	274		8			0
FISH TRAP	UPSTREAM	2456	MW	290		18			0
FISH TRAP	UPSTREAM	2457	MW	318		18			0
FISH TRAP	UPSTREAM	2458	MW	316		18			0
FISH TRAP	UPSTREAM	2459	MW	290		8			0
FISH TRAP	UPSTREAM	2460	MW	324		18			0
FISH TRAP	UPSTREAM	2461	MW	339		18			0
FISH TRAP	UPSTREAM	2462	MW	354		18			0
FISH TRAP	UPSTREAM	2463	MW	297		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2464	MW	302		18			0
FISH TRAP	UPSTREAM	2465	MW	318		18			0
FISH TRAP	UPSTREAM	2466	MW	330		8			0
FISH TRAP	UPSTREAM	2467	MW	350		18			0
FISH TRAP	UPSTREAM	2468	MW	306		18			0
FISH TRAP	UPSTREAM	2469	MW	323		18			0
FISH TRAP	UPSTREAM	2470	MW	300		18			0
FISH TRAP	UPSTREAM	2471	MW	302		18			0
FISH TRAP	UPSTREAM	2472	MW	364		19			0
FISH TRAP	UPSTREAM	2473	MW	265		18			0
FISH TRAP	UPSTREAM	2474	MW	283		8	PIT	965000000248154	2
FISH TRAP	UPSTREAM	2475	MW	288		8			0
FISH TRAP	UPSTREAM	2476	MW	266		8			0
FISH TRAP	UPSTREAM	2477	MW	290		18			0
FISH TRAP	UPSTREAM	2478	MW	265		8			0
FISH TRAP	UPSTREAM	2479	MW	312		18			0
FISH TRAP	UPSTREAM	2480	MW	310		18			0
FISH TRAP	UPSTREAM	2481	MW	304		18			0
FISH TRAP	UPSTREAM	2482	MW	354		18	PIT	0A00710059	2
FISH TRAP	UPSTREAM	2483	MW	408		18	FLOY	11559	2
FISH TRAP	UPSTREAM	2484	MW	305		18			0
FISH TRAP	UPSTREAM	2485	MW	275		8			0
FISH TRAP	UPSTREAM	2486	MW	316		18			0
FISH TRAP	UPSTREAM	2487	MW	340		18			0
FISH TRAP	UPSTREAM	2488	MW	280		8			0
FISH TRAP	UPSTREAM	2489	MW	358		18	PIT	965000000243818	2
FISH TRAP	UPSTREAM	2490	MW	318		18	PIT	0A00735729	2
FISH TRAP	UPSTREAM	2491	MW	311		8			0
FISH TRAP	UPSTREAM	2492	MW	288		18			0
FISH TRAP	UPSTREAM	2493	MW	304		8			0
FISH TRAP	UPSTREAM	2494	MW	278		18			0
FISH TRAP	UPSTREAM	2495	MW	201		18			0
FISH TRAP	UPSTREAM	2496	MW	365		18			0
FISH TRAP	UPSTREAM	2497	MW	330		18			0
FISH TRAP	UPSTREAM	2498	MW	306		18	PIT	965000000087578	2
FISH TRAP	UPSTREAM	2499	MW	291		8			0
FISH TRAP	UPSTREAM	2500	MW	340		18			0
FISH TRAP	UPSTREAM	2501	MW	294		18			0
FISH TRAP	UPSTREAM	2502	MW	282		18			0
FISH TRAP	UPSTREAM	2503	MW	288		8			0
FISH TRAP	UPSTREAM	2504	MW	285		18			0
FISH TRAP	UPSTREAM	2505	MW	298		18			0
FISH TRAP	UPSTREAM	2506	MW	285		8			0
FISH TRAP	UPSTREAM	2507	MW	280		8			0
FISH TRAP	UPSTREAM	2508	MW	276		18			0
FISH TRAP	UPSTREAM	2509	MW	320		18			0
FISH TRAP	UPSTREAM	2510	MW	300		18			0
FISH TRAP	UPSTREAM	2511	MW	277		18			0
FISH TRAP	UPSTREAM	2512	MW	265		18			5
FISH TRAP	UPSTREAM	2513	MW	295		8			0
FISH TRAP	UPSTREAM	2514	MW	270		18			0
FISH TRAP	UPSTREAM	2515	MW	308		18			0
FISH TRAP	UPSTREAM	2516	MW	376		18			0
FISH TRAP	UPSTREAM	2517	MW	304		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2518	MW	359		18	FLOY	9930	2
FISH TRAP	UPSTREAM	2519	MW	366		8			0
FISH TRAP	UPSTREAM	2520	MW	345		18			0
FISH TRAP	UPSTREAM	2521	MW	302		18	PIT	965000000238439	2
FISH TRAP	UPSTREAM	2522	MW	321		18			0
FISH TRAP	UPSTREAM	2523	MW	293		8			0
FISH TRAP	UPSTREAM	2524	MW	325		18	PIT	965000000243645	2
FISH TRAP	UPSTREAM	2525	MW	318		18			0
FISH TRAP	UPSTREAM	2526	MW	315		8	PIT	965000000238465	2
FISH TRAP	UPSTREAM	2527	MW	340		8			0
FISH TRAP	UPSTREAM	2528	MW	375		18			0
FISH TRAP	UPSTREAM	2529	MW	333		18			0
FISH TRAP	UPSTREAM	2530	MW	283		18			0
FISH TRAP	UPSTREAM	2531	MW	288		18			0
FISH TRAP	UPSTREAM	2532	MW	282		18			0
FISH TRAP	UPSTREAM	2533	MW	278		18			0
FISH TRAP	UPSTREAM	2534	MW	409		8			0
FISH TRAP	UPSTREAM	2535	MW	279		8			0
FISH TRAP	UPSTREAM	2536	MW	330		8			0
FISH TRAP	UPSTREAM	2537	MW	260		8			0
FISH TRAP	UPSTREAM	2538	CSU	260					0
FISH TRAP	UPSTREAM	2555	MW	287		18			0
FISH TRAP	UPSTREAM	2556	MW	307		18			0
FISH TRAP	UPSTREAM	2557	MW	265		8	PIT	965000000069080	2
FISH TRAP	UPSTREAM	2558	MW	303		8	PIT	965000000244972	2
FISH TRAP	UPSTREAM	2559	MW	300		18			0
FISH TRAP	UPSTREAM	2560	MW	316		18			0
FISH TRAP	UPSTREAM	2561	MW	284		8			0
FISH TRAP	UPSTREAM	2562	MW	354		18			0
FISH TRAP	UPSTREAM	2563	MW	340		18	PIT	965000000069179	2
FISH TRAP	UPSTREAM	2564	MW	292		8			0
FISH TRAP	UPSTREAM	2565	MW	310		8			0
FISH TRAP	UPSTREAM	2566	MW	286		8			0
FISH TRAP	UPSTREAM	2567	MW	282		8			0
FISH TRAP	UPSTREAM	2568	MW	287		8			0
FISH TRAP	UPSTREAM	2569	MW	309		8			0
FISH TRAP	UPSTREAM	2570	MW	362		18			0
FISH TRAP	UPSTREAM	2571	MW	276		8			0
FISH TRAP	UPSTREAM	2572	MW	329		18			0
FISH TRAP	UPSTREAM	2573	MW	294		18			0
FISH TRAP	UPSTREAM	2574	MW	319		18			0
FISH TRAP	UPSTREAM	2575	MW	330		18			0
FISH TRAP	UPSTREAM	2576	MW	355		18			0
FISH TRAP	UPSTREAM	2577	MW	405		18			0
FISH TRAP	UPSTREAM	2578	MW	312		18			0
FISH TRAP	UPSTREAM	2579	MW	298		18			0
FISH TRAP	UPSTREAM	2580	MW	294		8			0
FISH TRAP	UPSTREAM	2581	MW	271		18			0
FISH TRAP	UPSTREAM	2582	MW	260		8			0
FISH TRAP	UPSTREAM	2583	MW	299		8			0
FISH TRAP	UPSTREAM	2584	MW	288		18			0
FISH TRAP	UPSTREAM	2585	MW	355		18	PIT	4D00027021	2
FISH TRAP	UPSTREAM	2586	MW	260		18			0
FISH TRAP	UPSTREAM	2587	MW	310		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2588	MW	294		18			0
FISH TRAP	UPSTREAM	2589	MW	310		18	PIT	965000000010227	2
FISH TRAP	UPSTREAM	2590	MW	270		8			0
FISH TRAP	UPSTREAM	2591	MW	324		18			0
FISH TRAP	UPSTREAM	2592	MW	282		8			0
FISH TRAP	UPSTREAM	2593	MW	321		18			0
FISH TRAP	UPSTREAM	2594	MW	285		18			0
FISH TRAP	UPSTREAM	2595	MW	347		18			0
FISH TRAP	UPSTREAM	2596	MW	293		18			0
FISH TRAP	UPSTREAM	2597	MW	331		18			0
FISH TRAP	UPSTREAM	2598	MW	288		18			0
FISH TRAP	UPSTREAM	2599	MW	256		8			0
FISH TRAP	UPSTREAM	2600	MW	294		18			0
FISH TRAP	UPSTREAM	2601	MW	294		18			0
FISH TRAP	UPSTREAM	2602	MW	275		8			0
FISH TRAP	UPSTREAM	2603	MW	324		8			0
FISH TRAP	UPSTREAM	2604	MW	291		8			0
FISH TRAP	UPSTREAM	2605	MW	281		8			0
FISH TRAP	UPSTREAM	2606	MW	281		18			0
FISH TRAP	UPSTREAM	2607	MW	324		8			0
FISH TRAP	UPSTREAM	2608	MW	268		8			0
FISH TRAP	UPSTREAM	2609	MW	320		18			0
FISH TRAP	UPSTREAM	2610	MW	340		18			0
FISH TRAP	UPSTREAM	2611	MW	276		8			0
FISH TRAP	UPSTREAM	2612	MW	358		18			0
FISH TRAP	UPSTREAM	2613	MW	263		8			0
FISH TRAP	UPSTREAM	2614	MW	271		8			0
FISH TRAP	UPSTREAM	2615	MW	282		18			0
FISH TRAP	UPSTREAM	2616	MW	338		18			0
FISH TRAP	UPSTREAM	2617	MW	375		18			0
FISH TRAP	UPSTREAM	2618	MW	293		8	PIT	965000000086762	2
FISH TRAP	UPSTREAM	2619	MW	280		18			0
FISH TRAP	UPSTREAM	2620	MW	311		18			0
FISH TRAP	UPSTREAM	2621	MW	312		8			0
FISH TRAP	UPSTREAM	2622	MW	272		18			0
FISH TRAP	UPSTREAM	2623	MW	310		18			0
FISH TRAP	UPSTREAM	2624	MW	322		8			0
FISH TRAP	UPSTREAM	2625	MW	347		8			0
FISH TRAP	UPSTREAM	2626	MW	296		18			0
FISH TRAP	UPSTREAM	2627	MW	297		8			0
FISH TRAP	UPSTREAM	2628	MW	324		18			0
FISH TRAP	UPSTREAM	2629	MW	324		18			0
FISH TRAP	UPSTREAM	2630	MW	392		18			0
FISH TRAP	UPSTREAM	2631	MW	275		18			0
FISH TRAP	UPSTREAM	2632	MW	286		8			0
FISH TRAP	UPSTREAM	2633	MW	286		18			0
FISH TRAP	UPSTREAM	2634	MW	289		8			0
FISH TRAP	UPSTREAM	2635	MW	300		18			0
FISH TRAP	UPSTREAM	2636	MW	312		8			0
FISH TRAP	UPSTREAM	2637	MW	303		8	PIT	965000000240164	2
FISH TRAP	UPSTREAM	2638	MW	314		8			0
FISH TRAP	UPSTREAM	2639	MW	280		8			0
FISH TRAP	UPSTREAM	2640	MW	290		18			0
FISH TRAP	UPSTREAM	2641	MW	337		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2642	MW	273		18			0
FISH TRAP	UPSTREAM	2643	MW	285		18			0
FISH TRAP	UPSTREAM	2644	MW	281		8			0
FISH TRAP	UPSTREAM	2645	MW	284		18			0
FISH TRAP	UPSTREAM	2646	MW	286		18			0
FISH TRAP	UPSTREAM	2647	MW	272		18			0
FISH TRAP	UPSTREAM	2648	MW	316		18			0
FISH TRAP	UPSTREAM	2649	MW	327		18			0
FISH TRAP	UPSTREAM	2650	MW	284		8			0
FISH TRAP	UPSTREAM	2651	MW	305		8			0
FISH TRAP	UPSTREAM	2652	MW	336		18			0
FISH TRAP	UPSTREAM	2653	MW	300		8			0
FISH TRAP	UPSTREAM	2654	MW	275		18			0
FISH TRAP	UPSTREAM	2655	MW	292		18			0
FISH TRAP	UPSTREAM	2656	MW	253		18			0
FISH TRAP	UPSTREAM	2657	MW	282		8	PIT	965000000110779	2
FISH TRAP	UPSTREAM	2658	MW	284		8			0
FISH TRAP	UPSTREAM	2659	MW	285		8			0
FISH TRAP	UPSTREAM	2660	MW	290		18			0
FISH TRAP	UPSTREAM	2661	MW	305		18			0
FISH TRAP	UPSTREAM	2662	MW	245		18			0
FISH TRAP	UPSTREAM	2663	MW	255		8			0
FISH TRAP	UPSTREAM	2664	MW	275		18			0
FISH TRAP	UPSTREAM	2665	MW	293		18	PIT	965000000087543	2
FISH TRAP	UPSTREAM	2666	MW	365		18			0
FISH TRAP	UPSTREAM	2667	MW	342		18			0
FISH TRAP	UPSTREAM	2668	MW	296		8			0
FISH TRAP	UPSTREAM	2669	MW	287		18			0
FISH TRAP	UPSTREAM	2670	MW	281		18			0
FISH TRAP	UPSTREAM	2671	MW	413		18			0
FISH TRAP	UPSTREAM	2672	MW	355		8			0
FISH TRAP	UPSTREAM	2673	MW	305		18			0
FISH TRAP	UPSTREAM	2674	MW	330		18			0
FISH TRAP	UPSTREAM	2675	MW	350		8	FLOY	3470	2
FISH TRAP	UPSTREAM	2676	MW	360		18			0
FISH TRAP	UPSTREAM	2677	MW	259		18			0
FISH TRAP	UPSTREAM	2678	MW	284		18			0
FISH TRAP	UPSTREAM	2679	MW	324		18			0
FISH TRAP	UPSTREAM	2680	MW	273		8			0
FISH TRAP	UPSTREAM	2681	GR	340					0
FISH TRAP	UPSTREAM	2682	MW	313		18			0
FISH TRAP	UPSTREAM	2683	MW	325		8			0
FISH TRAP	UPSTREAM	2684	MW	278		8			0
FISH TRAP	UPSTREAM	2685	MW	257		8			0
FISH TRAP	UPSTREAM	2686	MW	313		8			0
FISH TRAP	UPSTREAM	2687	MW	276		8			0
FISH TRAP	UPSTREAM	2688	MW	278		8			0
FISH TRAP	UPSTREAM	2689	MW	286		8			0
FISH TRAP	UPSTREAM	2690	MW	290		18			0
FISH TRAP	UPSTREAM	2691	MW	305		8			0
FISH TRAP	UPSTREAM	2692	MW	305		8			0
FISH TRAP	UPSTREAM	2693	MW	304		8			0
FISH TRAP	UPSTREAM	2694	MW	275		8			0
FISH TRAP	UPSTREAM	2695	MW	299		8			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2696	MW	307		18			0
FISH TRAP	UPSTREAM	2697	MW	339		8			0
FISH TRAP	UPSTREAM	2698	MW	288		8			0
FISH TRAP	UPSTREAM	2699	MW	305		18			0
FISH TRAP	UPSTREAM	2700	MW	312		18			0
FISH TRAP	UPSTREAM	2701	MW	303		18	PIT	965000000084148	2
FISH TRAP	UPSTREAM	2702	MW	290		18			0
FISH TRAP	UPSTREAM	2703	MW	282		18			0
FISH TRAP	UPSTREAM	2704	MW	280		8			0
FISH TRAP	UPSTREAM	2705	MW	337		18			0
FISH TRAP	UPSTREAM	2706	MW	330		18	PIT	965000000072499	2
FISH TRAP	UPSTREAM	2707	MW	276		18			0
FISH TRAP	UPSTREAM	2708	MW	263		18			0
FISH TRAP	UPSTREAM	2709	MW	300		18			0
FISH TRAP	UPSTREAM	2710	MW	271		8			0
FISH TRAP	UPSTREAM	2711	MW	305		8			0
FISH TRAP	UPSTREAM	2712	MW	292		18			0
FISH TRAP	UPSTREAM	2713	MW	362		18			0
FISH TRAP	UPSTREAM	2714	MW	273		8			0
FISH TRAP	UPSTREAM	2715	MW	274		18			0
FISH TRAP	UPSTREAM	2716	MW	363		18			0
FISH TRAP	UPSTREAM	2717	MW	271		18			0
FISH TRAP	UPSTREAM	2718	MW	275		18			0
FISH TRAP	UPSTREAM	2719	MW	306		8			0
FISH TRAP	UPSTREAM	2720	MW	302		18			0
FISH TRAP	UPSTREAM	2721	MW	265		8			0
FISH TRAP	UPSTREAM	2722	MW	314		18			0
FISH TRAP	UPSTREAM	2723	MW	269		8			0
FISH TRAP	UPSTREAM	2724	MW	321		8			0
FISH TRAP	UPSTREAM	2725	MW	314		18			0
FISH TRAP	UPSTREAM	2726	MW	273		8			0
FISH TRAP	UPSTREAM	2727	MW	273		8			0
FISH TRAP	UPSTREAM	2728	MW	333		18			0
FISH TRAP	UPSTREAM	2729	MW	308		18			0
FISH TRAP	UPSTREAM	2730	MW	284		8			0
FISH TRAP	UPSTREAM	2731	MW	330		18			0
FISH TRAP	UPSTREAM	2732	MW	396		18			0
FISH TRAP	UPSTREAM	2733	MW	283		8			0
FISH TRAP	UPSTREAM	2734	MW	296		8			0
FISH TRAP	UPSTREAM	2735	MW	285		18			0
FISH TRAP	UPSTREAM	2736	MW	262		18			0
FISH TRAP	UPSTREAM	2737	MW	330		18			0
FISH TRAP	UPSTREAM	2738	MW	270		18			0
FISH TRAP	UPSTREAM	2739	MW	306		8			0
FISH TRAP	UPSTREAM	2740	MW	304		8			0
FISH TRAP	UPSTREAM	2741	MW	334		8			0
FISH TRAP	UPSTREAM	2742	MW	298		8			0
FISH TRAP	UPSTREAM	2743	MW	307		18			0
FISH TRAP	UPSTREAM	2744	MW	290		8			0
FISH TRAP	UPSTREAM	2745	MW	301		8			0
FISH TRAP	UPSTREAM	2746	MW	263		8			0
FISH TRAP	UPSTREAM	2747	MW	295		18			0
FISH TRAP	UPSTREAM	2748	MW	346		18			0
FISH TRAP	UPSTREAM	2749	MW	295		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2750	MW	244		8			0
FISH TRAP	UPSTREAM	2751	MW	282		8			0
FISH TRAP	UPSTREAM	2752	MW	312		18			0
FISH TRAP	UPSTREAM	2753	MW	283		18			0
FISH TRAP	UPSTREAM	2754	MW	265		18			0
FISH TRAP	UPSTREAM	2755	MW	271		8			0
FISH TRAP	UPSTREAM	2756	MW	294		18			0
FISH TRAP	UPSTREAM	2757	MW	290		18			0
FISH TRAP	UPSTREAM	2758	MW	297		8			0
FISH TRAP	UPSTREAM	2759	MW	318		8	PIT	965000000242880	2
FISH TRAP	UPSTREAM	2760	MW	263		18			0
FISH TRAP	UPSTREAM	2761	MW	302		18			0
FISH TRAP	UPSTREAM	2762	MW	268		18			0
FISH TRAP	UPSTREAM	2763	MW	243					0
FISH TRAP	UPSTREAM	2764	MW	259		8			0
FISH TRAP	UPSTREAM	2765	MW	251		18			0
FISH TRAP	UPSTREAM	2769	MW	409		18			0
FISH TRAP	UPSTREAM	2770	MW	369		18			0
FISH TRAP	UPSTREAM	2771	MW	325		18			0
FISH TRAP	UPSTREAM	2772	MW	273		18			0
FISH TRAP	UPSTREAM	2773	MW	290		18			0
FISH TRAP	UPSTREAM	2774	MW	294		8			0
FISH TRAP	UPSTREAM	2775	MW	347		8			0
FISH TRAP	UPSTREAM	2776	MW	263		8			0
FISH TRAP	UPSTREAM	2777	MW	253		8			0
FISH TRAP	UPSTREAM	2778	MW	261		18			0
FISH TRAP	UPSTREAM	2779	MW	398		18			0
FISH TRAP	UPSTREAM	2780	MW	327		18	PIT	965000000078198	2
FISH TRAP	UPSTREAM	2781	MW	278		18			0
FISH TRAP	UPSTREAM	2782	MW	278		18			0
FISH TRAP	UPSTREAM	2783	MW	295		18			0
FISH TRAP	UPSTREAM	2784	MW	300		18			0
FISH TRAP	UPSTREAM	2785	MW	282		8			0
FISH TRAP	UPSTREAM	2786	MW	333		18			0
FISH TRAP	UPSTREAM	2787	MW	266		18			0
FISH TRAP	UPSTREAM	2788	MW	284		8			0
FISH TRAP	UPSTREAM	2789	MW	263		8			0
FISH TRAP	UPSTREAM	2790	MW	290		8			0
FISH TRAP	UPSTREAM	2791	MW	277		18			0
FISH TRAP	UPSTREAM	2792	MW	299		18			0
FISH TRAP	UPSTREAM	2793	MW	267		18			0
FISH TRAP	UPSTREAM	2794	MW	291		8	PIT	965000000070557	2
FISH TRAP	UPSTREAM	2795	MW	246		8			0
FISH TRAP	UPSTREAM	2796	MW	287		18			0
FISH TRAP	UPSTREAM	2797	MW	285		18			0
FISH TRAP	UPSTREAM	2798	MW	268		18			0
FISH TRAP	UPSTREAM	2799	MW	260		8			0
FISH TRAP	UPSTREAM	2800	MW	352		8			0
FISH TRAP	UPSTREAM	2801	MW	330		18			0
FISH TRAP	UPSTREAM	2802	MW	274		8			0
FISH TRAP	UPSTREAM	2803	MW	327		18			0
FISH TRAP	UPSTREAM	2804	MW	269		8			0
FISH TRAP	UPSTREAM	2805	MW	302		18			0
FISH TRAP	UPSTREAM	2806	MW	293		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2807	MW	270		18			0
FISH TRAP	UPSTREAM	2808	MW	324		18			0
FISH TRAP	UPSTREAM	2809	MW	244		8			0
FISH TRAP	UPSTREAM	2810	MW	265		18			0
FISH TRAP	UPSTREAM	2811	MW	260		18			0
FISH TRAP	UPSTREAM	2823	MW	258		9			0
FISH TRAP	UPSTREAM	2824	MW	328		18			0
FISH TRAP	UPSTREAM	2825	MW	274		9			0
FISH TRAP	UPSTREAM	2826	MW	248		9			0
FISH TRAP	UPSTREAM	2827	MW	278		8			0
FISH TRAP	UPSTREAM	2828	MW	299		8			0
FISH TRAP	UPSTREAM	2829	MW	272		8			0
FISH TRAP	UPSTREAM	2830	MW	253		8			0
FISH TRAP	UPSTREAM	2831	MW	260		19			0
FISH TRAP	UPSTREAM	2832	MW	328		18	PIT	965000000078198	2
FISH TRAP	UPSTREAM	2833	MW	220					0
FISH TRAP	UPSTREAM	2834	MW	239		8			0
FISH TRAP	UPSTREAM	2835	MW	325		19			0
FISH TRAP	UPSTREAM	2836	MW	264		19			0
FISH TRAP	UPSTREAM	2837	MW	266		19			0
FISH TRAP	UPSTREAM	2838	MW	272		8			0
FISH TRAP	UPSTREAM	2839	MW	230					0
FISH TRAP	UPSTREAM	2840	MW	279		8			0
FISH TRAP	UPSTREAM	2841	MW	320		18			0
FISH TRAP	UPSTREAM	2842	MW	329		8			0
FISH TRAP	UPSTREAM	2843	MW	282		18			0
FISH TRAP	UPSTREAM	2844	MW	267		8			0
FISH TRAP	UPSTREAM	2845	MW	272		8			0
FISH TRAP	UPSTREAM	2846	MW	242		8			0
FISH TRAP	UPSTREAM	2847	MW	235		18			0
FISH TRAP	UPSTREAM	2848	MW	302		18			0
FISH TRAP	UPSTREAM	2849	MW	274		18			0
FISH TRAP	UPSTREAM	2850	MW	298		8			0
FISH TRAP	UPSTREAM	2851	MW	282		18			0
FISH TRAP	UPSTREAM	2852	MW	280		18			0
FISH TRAP	UPSTREAM	2853	MW	299		18			0
FISH TRAP	UPSTREAM	2854	MW	271		8			0
FISH TRAP	UPSTREAM	2855	MW	299		18			0
FISH TRAP	UPSTREAM	2856	MW	273		8			0
FISH TRAP	UPSTREAM	2923	MW	340		18			0
FISH TRAP	UPSTREAM	2924	MW	362		18			0
FISH TRAP	UPSTREAM	2925	MW	318		19			0
FISH TRAP	UPSTREAM	2926	MW	352		19			0
FISH TRAP	UPSTREAM	2927	MW	344		18			0
FISH TRAP	UPSTREAM	2928	MW	274		18			0
FISH TRAP	UPSTREAM	2929	MW	272		18			0
FISH TRAP	UPSTREAM	2930	MW	348		18			0
FISH TRAP	UPSTREAM	2931	MW	330		18	PIT	965000000243010	2
FISH TRAP	UPSTREAM	2932	MW	360		8			0
FISH TRAP	UPSTREAM	2933	MW	264		19			0
FISH TRAP	UPSTREAM	2934	MW	311		18			0
FISH TRAP	UPSTREAM	2935	MW	267		19			0
FISH TRAP	UPSTREAM	2936	MW	325		8			0
FISH TRAP	UPSTREAM	2937	MW	291		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2938	MW	290		18			0
FISH TRAP	UPSTREAM	2939	MW	296		18			0
FISH TRAP	UPSTREAM	2940	MW	275		18			0
FISH TRAP	UPSTREAM	2941	MW	300		18			0
FISH TRAP	UPSTREAM	2942	MW	331		18			0
FISH TRAP	UPSTREAM	2943	MW	296		8			0
FISH TRAP	UPSTREAM	2944	MW	298		19			0
FISH TRAP	UPSTREAM	2945	MW	293		18			0
FISH TRAP	UPSTREAM	2946	MW	298		18			0
FISH TRAP	UPSTREAM	2947	MW	287		8			0
FISH TRAP	UPSTREAM	2948	MW	290		18			0
FISH TRAP	UPSTREAM	2949	MW	322		18			0
FISH TRAP	UPSTREAM	2950	MW	263		18			0
FISH TRAP	UPSTREAM	2951	MW	348		18			0
FISH TRAP	UPSTREAM	2952	MW	308		18			0
FISH TRAP	UPSTREAM	2953	MW	278		18			0
FISH TRAP	UPSTREAM	2954	MW	355		18			0
FISH TRAP	UPSTREAM	2955	MW	323		18			0
FISH TRAP	UPSTREAM	2956	MW	316		18			0
FISH TRAP	UPSTREAM	2957	MW	277		18			0
FISH TRAP	UPSTREAM	2958	MW	301		18			0
FISH TRAP	UPSTREAM	2959	MW	329		18	PIT	965000000242419	2
FISH TRAP	UPSTREAM	2960	MW	268		18			0
FISH TRAP	UPSTREAM	2961	MW	297		18	PIT	965000000242912	2
FISH TRAP	UPSTREAM	2962	MW	262		18			0
FISH TRAP	UPSTREAM	2963	MW	281		18			0
FISH TRAP	UPSTREAM	2964	MW	312		8			0
FISH TRAP	UPSTREAM	2965	MW	353		18			0
FISH TRAP	UPSTREAM	2966	MW	273		18			0
FISH TRAP	UPSTREAM	2967	MW	332		18			0
FISH TRAP	UPSTREAM	2968	MW	343		18			0
FISH TRAP	UPSTREAM	2969	MW	308		18			0
FISH TRAP	UPSTREAM	2970	MW	270		8			0
FISH TRAP	UPSTREAM	2971	MW	334		18			0
FISH TRAP	UPSTREAM	2972	MW	278		8			0
FISH TRAP	UPSTREAM	2973	MW	297		18			0
FISH TRAP	UPSTREAM	2974	MW	328		18			0
FISH TRAP	UPSTREAM	2975	MW	266		8			0
FISH TRAP	UPSTREAM	2976	MW	354		18			0
FISH TRAP	UPSTREAM	2977	MW	261		18			0
FISH TRAP	UPSTREAM	2978	MW	295		18			0
FISH TRAP	UPSTREAM	2979	MW	224		8			0
FISH TRAP	UPSTREAM	2980	MW	294		19			0
FISH TRAP	UPSTREAM	2981	MW	258		18			0
FISH TRAP	UPSTREAM	2982	MW	304		8	PIT	965000000071567	2
FISH TRAP	UPSTREAM	2983	MW	256		18			0
FISH TRAP	UPSTREAM	2984	MW	272		18			0
FISH TRAP	UPSTREAM	2985	MW	296		8			0
FISH TRAP	UPSTREAM	2986	MW	277		19			0
FISH TRAP	UPSTREAM	2987	MW	319		8			0
FISH TRAP	UPSTREAM	2988	MW	277		8			0
FISH TRAP	UPSTREAM	2989	MW	265		18			0
FISH TRAP	UPSTREAM	2990	MW	258		8			0
FISH TRAP	UPSTREAM	2991	MW	334		18			0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
FISH TRAP	UPSTREAM	2992	MW	310		8			0
FISH TRAP	UPSTREAM	2993	MW	377		8	PIT	4D00025878	2
FISH TRAP	UPSTREAM	2994	MW	307		18			0
FISH TRAP	UPSTREAM	2995	MW	295		8			0
FISH TRAP	UPSTREAM	2996	MW	326		19			0
FISH TRAP	UPSTREAM	2997	MW	250		8			0
FISH TRAP	UPSTREAM	2998	MW	296		19			0
FISH TRAP	UPSTREAM	2999	MW	311		18			0
FISH TRAP	UPSTREAM	3000	MW	291		18			0
FISH TRAP	UPSTREAM	3001	MW	302		18			0
FISH TRAP	UPSTREAM	3002	MW	279		8			0
FISH TRAP	UPSTREAM	3003	MW	302		18			0
FISH TRAP	UPSTREAM	3004	MW	334		18			0
FISH TRAP	UPSTREAM	3005	MW	241					0
FISH TRAP	UPSTREAM	3006	MW	309		8			0
FISH TRAP	UPSTREAM	3007	MW	268		8			0
FISH TRAP	UPSTREAM	3008	MW	295		8			0
FISH TRAP	UPSTREAM	3009	MW	251		8			0
FISH TRAP	UPSTREAM	3010	MW	342		18			0
FISH TRAP	UPSTREAM	3011	MW	368		8			0
FISH TRAP	UPSTREAM	3012	MW	305		18			0
FISH TRAP	UPSTREAM	3013	MW	255		18			0
FISH TRAP	UPSTREAM	3014	MW	273		8			0
FISH TRAP	UPSTREAM	3015	MW	327		18			0
FISH TRAP	UPSTREAM	3016	MW	369		18	PIT	965000000007845	2
FISH TRAP	UPSTREAM	3017	MW	335		18			0
FISH TRAP	UPSTREAM	3018	MW	242		8			0
FISH TRAP	UPSTREAM	3019	MW	264		8			0
FISH TRAP	UPSTREAM	3020	MW	285		18			0
FISH TRAP	UPSTREAM	3021	MW	315		18			0
FISH TRAP	UPSTREAM	3022	MW	334		18			0
FISH TRAP	UPSTREAM	3023	MW	285		18			0
FISH TRAP	UPSTREAM	3024	MW	312		18			0
FISH TRAP	UPSTREAM	3025	MW	298		8			0
FISH TRAP	UPSTREAM	3026	MW	241		8			0
FISH TRAP	UPSTREAM	3027	MW	291		18			0
FISH TRAP	UPSTREAM	3028	MW	366		18			0
FISH TRAP	UPSTREAM	3029	MW	309		8			0
FISH TRAP	UPSTREAM	3076	MW	268		8			0
FISH TRAP	UPSTREAM	3077	MW	256		18			0
FISH TRAP	UPSTREAM	3078	MW	315		18			0
FISH TRAP	UPSTREAM	3079	MW	264		8			0
FISH TRAP	UPSTREAM	3080	MW	285		18			0
FISH TRAP	UPSTREAM	3081	MW	274		8			0
FISH TRAP	UPSTREAM	3082	MW	243		8			0
FISH TRAP	UPSTREAM	3083	MW	258		8			0
FISH TRAP	UPSTREAM	3084	MW	287		18			0
FISH TRAP	UPSTREAM	3085	MW	243		8			0
FISH TRAP	UPSTREAM	3086	MW	283		18			0
FISH TRAP	UPSTREAM	3087	MW	360		8			0
FISH TRAP	UPSTREAM	3088	MW	261		8			0
FISH TRAP	UPSTREAM	3089	MW	307		8			0
HOOP NET	DOWNSTREAM	183	CSU	77					0
HOOP NET	DOWNSTREAM	209	RSC	23					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	210	CSU	77					0
HOOP NET	DOWNSTREAM	211	NSC	128	20				0
HOOP NET	DOWNSTREAM	212	MW	90	4				0
HOOP NET	DOWNSTREAM	213	RSC	46					0
HOOP NET	DOWNSTREAM	214	RSC	22					0
HOOP NET	DOWNSTREAM	215	RSC	19					0
HOOP NET	DOWNSTREAM	216	RSC	21					0
HOOP NET	DOWNSTREAM	217	LSU	229	126				0
HOOP NET	DOWNSTREAM	218	LNC	25					0
HOOP NET	DOWNSTREAM	219	LNC	24					0
HOOP NET	DOWNSTREAM	226	RSC	34					0
HOOP NET	DOWNSTREAM	265	RSC	52					0
HOOP NET	DOWNSTREAM	266	CSU	68					0
HOOP NET	DOWNSTREAM	270	NSC	96	8				0
HOOP NET	DOWNSTREAM	271	RSC	35					0
HOOP NET	DOWNSTREAM	272	LSU	32					0
HOOP NET	DOWNSTREAM	273	LNC						0
HOOP NET	DOWNSTREAM	274	RSC	20					0
HOOP NET	DOWNSTREAM	275	LKC	56					0
HOOP NET	DOWNSTREAM	276	LNC	39					0
HOOP NET	DOWNSTREAM	362	LSU	265	194				0
HOOP NET	DOWNSTREAM	363	LSU	196	82				0
HOOP NET	DOWNSTREAM	364	LSU	237	152				0
HOOP NET	DOWNSTREAM	365	LSU	176	66				0
HOOP NET	DOWNSTREAM	366	MW	87	2				0
HOOP NET	DOWNSTREAM	367	GR	115	16				0
HOOP NET	DOWNSTREAM	368	MW	89	6				0
HOOP NET	DOWNSTREAM	369	MW	109	12				0
HOOP NET	DOWNSTREAM	370	MW	95	6				0
HOOP NET	DOWNSTREAM	371	LKC	91	10				0
HOOP NET	DOWNSTREAM	372	RSC	25					1
HOOP NET	DOWNSTREAM	373	MW	106	10				0
HOOP NET	DOWNSTREAM	374	RSC	95	12				0
HOOP NET	DOWNSTREAM	375	LSU	149	38				0
HOOP NET	DOWNSTREAM	376	MW	93	10				0
HOOP NET	DOWNSTREAM	377	MW	81	8				0
HOOP NET	DOWNSTREAM	378	MW	99	12				0
HOOP NET	DOWNSTREAM	379	MW	87	6				0
HOOP NET	DOWNSTREAM	380	LSU	69					0
HOOP NET	DOWNSTREAM	381	RSC	24					1
HOOP NET	DOWNSTREAM	382	RSC	23					1
HOOP NET	DOWNSTREAM	383	RSC	23					0
HOOP NET	DOWNSTREAM	384	RSC	23					0
HOOP NET	DOWNSTREAM	385	LNC	42					0
HOOP NET	DOWNSTREAM	386	RSC	25					0
HOOP NET	DOWNSTREAM	387	RSC	24					0
HOOP NET	DOWNSTREAM	388	RSC	22					1
HOOP NET	DOWNSTREAM	389	RSC	22					1
HOOP NET	DOWNSTREAM	390	GR						0
HOOP NET	DOWNSTREAM	391	MW						0
HOOP NET	DOWNSTREAM	392	MW						0
HOOP NET	DOWNSTREAM	393	MW						1
HOOP NET	DOWNSTREAM	394	MW						1
HOOP NET	DOWNSTREAM	395	MW						1

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	396	MW						1
HOOP NET	DOWNSTREAM	397	MW						1
HOOP NET	DOWNSTREAM	398	MW						1
HOOP NET	DOWNSTREAM	399	MW						1
HOOP NET	DOWNSTREAM	400	MW						1
HOOP NET	DOWNSTREAM	401	MW						1
HOOP NET	DOWNSTREAM	402	MW						1
HOOP NET	DOWNSTREAM	403	MW						1
HOOP NET	DOWNSTREAM	404	MW						1
HOOP NET	DOWNSTREAM	452	RSC	22					0
HOOP NET	DOWNSTREAM	453	GR	111	14				0
HOOP NET	DOWNSTREAM	465	RSC						1
HOOP NET	DOWNSTREAM	466	RSC						1
HOOP NET	DOWNSTREAM	467	RSC						1
HOOP NET	DOWNSTREAM	480	RSC						1
HOOP NET	DOWNSTREAM	481	RSC						1
HOOP NET	DOWNSTREAM	482	RSC						1
HOOP NET	DOWNSTREAM	483	RSC						1
HOOP NET	DOWNSTREAM	484	RSC						1
HOOP NET	DOWNSTREAM	485	RSC	23					0
HOOP NET	DOWNSTREAM	603	LKC						1
HOOP NET	DOWNSTREAM	604	RSC						1
HOOP NET	DOWNSTREAM	605	RSC						1
HOOP NET	DOWNSTREAM	606	RSC						1
HOOP NET	DOWNSTREAM	610	LSU	225					0
HOOP NET	DOWNSTREAM	611	LSU	224					0
HOOP NET	DOWNSTREAM	612	LSU	204					0
HOOP NET	DOWNSTREAM	613	LSU	207					0
HOOP NET	DOWNSTREAM	614	RSC	23					0
HOOP NET	DOWNSTREAM	615	RSC	23					0
HOOP NET	DOWNSTREAM	616	LSU	225					0
HOOP NET	DOWNSTREAM	617	LKC	77					0
HOOP NET	DOWNSTREAM	618	LSU	190					0
HOOP NET	DOWNSTREAM	619	LSU	171					0
HOOP NET	DOWNSTREAM	620	LNC	31					0
HOOP NET	DOWNSTREAM	621	RSC	60					0
HOOP NET	DOWNSTREAM	648	RSC	64					0
HOOP NET	DOWNSTREAM	649	LKC	33					0
HOOP NET	DOWNSTREAM	787	LSU	213					0
HOOP NET	DOWNSTREAM	788	CAS	62					0
HOOP NET	DOWNSTREAM	852	LSU	223					0
HOOP NET	DOWNSTREAM	853	RSC	22					0
HOOP NET	DOWNSTREAM	854	RSC	48					0
HOOP NET	DOWNSTREAM	855	RSC	23					0
HOOP NET	DOWNSTREAM	945	GR	244					0
HOOP NET	DOWNSTREAM	1187	LNC						0
HOOP NET	DOWNSTREAM	1188	LNC						0
HOOP NET	DOWNSTREAM	1189	MW						1
HOOP NET	DOWNSTREAM	1190	LSU	213					0
HOOP NET	DOWNSTREAM	1191	LNC	28					0
HOOP NET	DOWNSTREAM	1192	LNC	37					0
HOOP NET	DOWNSTREAM	1353	RSC	25					0
HOOP NET	DOWNSTREAM	1354	MW	76					0
HOOP NET	DOWNSTREAM	1435	LNC	32					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	1485	MW	71					0
HOOP NET	DOWNSTREAM	1486	MW	91					0
HOOP NET	DOWNSTREAM	1487	MW	95					0
HOOP NET	DOWNSTREAM	1488	MW	98					0
HOOP NET	DOWNSTREAM	1489	MW	99					0
HOOP NET	DOWNSTREAM	1490	MW	98					0
HOOP NET	DOWNSTREAM	1491	NSC	94					0
HOOP NET	DOWNSTREAM	1492	RSC	72					0
HOOP NET	DOWNSTREAM	1493	RSC	83					0
HOOP NET	DOWNSTREAM	1494	RSC	78					0
HOOP NET	DOWNSTREAM	1495	RSC	87					0
HOOP NET	DOWNSTREAM	1496	RSC	65					0
HOOP NET	DOWNSTREAM	1497	RSC	82					0
HOOP NET	DOWNSTREAM	1498	CAS	74					0
HOOP NET	DOWNSTREAM	1499	LSU	203					0
HOOP NET	DOWNSTREAM	1500	LSU	222					0
HOOP NET	DOWNSTREAM	1501	LSU	201					0
HOOP NET	DOWNSTREAM	1502	RSC	50					0
HOOP NET	DOWNSTREAM	1503	LNC	31					0
HOOP NET	DOWNSTREAM	1504	RSC	25					0
HOOP NET	DOWNSTREAM	1533	MW	98					0
HOOP NET	DOWNSTREAM	1534	MW	103					0
HOOP NET	DOWNSTREAM	1535	CSU	106					0
HOOP NET	DOWNSTREAM	1536	RSC	26					0
HOOP NET	DOWNSTREAM	1537	RSC	23					0
HOOP NET	DOWNSTREAM	1538	LNC	34					0
HOOP NET	DOWNSTREAM	1675	RSC	106					0
HOOP NET	DOWNSTREAM	1676	LSU	218					0
HOOP NET	DOWNSTREAM	1692	RSC	95					0
HOOP NET	DOWNSTREAM	1747	CSU	235					0
HOOP NET	DOWNSTREAM	1748	CSU	135					0
HOOP NET	DOWNSTREAM	1749	LKC	37					0
HOOP NET	DOWNSTREAM	1750	RSC						0
HOOP NET	DOWNSTREAM	1751	RSC						0
HOOP NET	DOWNSTREAM	1752	RSC						0
HOOP NET	DOWNSTREAM	1753	RSC						0
HOOP NET	DOWNSTREAM	1754	RSC						0
HOOP NET	DOWNSTREAM	1755	RSC						0
HOOP NET	DOWNSTREAM	1756	RSC						0
HOOP NET	DOWNSTREAM	1757	RSC						0
HOOP NET	DOWNSTREAM	1758	RSC						0
HOOP NET	DOWNSTREAM	1759	RSC						0
HOOP NET	DOWNSTREAM	1760	RSC						0
HOOP NET	DOWNSTREAM	1761	RSC						0
HOOP NET	DOWNSTREAM	1762	RSC						0
HOOP NET	DOWNSTREAM	1763	RSC						0
HOOP NET	DOWNSTREAM	1764	RSC						0
HOOP NET	DOWNSTREAM	1765	RSC						0
HOOP NET	DOWNSTREAM	1766	RSC						0
HOOP NET	DOWNSTREAM	1767	RSC						0
HOOP NET	DOWNSTREAM	1768	RSC						0
HOOP NET	DOWNSTREAM	1769	RSC						0
HOOP NET	DOWNSTREAM	1770	RSC						0
HOOP NET	DOWNSTREAM	1771	RSC						0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	1772	RSC						0
HOOP NET	DOWNSTREAM	1773	RSC						0
HOOP NET	DOWNSTREAM	1774	RSC						0
HOOP NET	DOWNSTREAM	1775	RSC						0
HOOP NET	DOWNSTREAM	1776	RSC						0
HOOP NET	DOWNSTREAM	1777	RSC						0
HOOP NET	DOWNSTREAM	1778	RSC						0
HOOP NET	DOWNSTREAM	1779	RSC						0
HOOP NET	DOWNSTREAM	1780	RSC						0
HOOP NET	DOWNSTREAM	1781	RSC						0
HOOP NET	DOWNSTREAM	1782	RSC						0
HOOP NET	DOWNSTREAM	1783	RSC						0
HOOP NET	DOWNSTREAM	1784	RSC						0
HOOP NET	DOWNSTREAM	1785	RSC						0
HOOP NET	DOWNSTREAM	1786	RSC						0
HOOP NET	DOWNSTREAM	1787	RSC						0
HOOP NET	DOWNSTREAM	1788	MW	81					0
HOOP NET	DOWNSTREAM	1931	LSU	213					0
HOOP NET	DOWNSTREAM	1932	LSU	221					0
HOOP NET	DOWNSTREAM	1933	LSU	229					0
HOOP NET	DOWNSTREAM	1934	RSC	57					0
HOOP NET	DOWNSTREAM	1935	NSC	220					0
HOOP NET	DOWNSTREAM	1936	LSU	226					0
HOOP NET	DOWNSTREAM	1937	RSC	93					0
HOOP NET	DOWNSTREAM	1938	RSC	72					0
HOOP NET	DOWNSTREAM	1939	RSC	88					0
HOOP NET	DOWNSTREAM	1940	MW	157					0
HOOP NET	DOWNSTREAM	1941	RSC	62					0
HOOP NET	DOWNSTREAM	1942	RSC	85					0
HOOP NET	DOWNSTREAM	1943	CSU	186					0
HOOP NET	DOWNSTREAM	1944	NSC	149					0
HOOP NET	DOWNSTREAM	1945	LSU	151					0
HOOP NET	DOWNSTREAM	1946	CSU	124					0
HOOP NET	DOWNSTREAM	1947	RSC	95					0
HOOP NET	DOWNSTREAM	1948	MW	90					0
HOOP NET	DOWNSTREAM	1949	RSC	90					0
HOOP NET	DOWNSTREAM	1950	CAS	67					0
HOOP NET	DOWNSTREAM	1954	CAS	139					0
HOOP NET	DOWNSTREAM	2040	LKC	35					0
HOOP NET	DOWNSTREAM	2041	CSU	95					0
HOOP NET	DOWNSTREAM	2042	CSU	128					0
HOOP NET	DOWNSTREAM	2043	LSU	236					0
HOOP NET	DOWNSTREAM	2044	NSC	135					0
HOOP NET	DOWNSTREAM	2045	CAS	140					0
HOOP NET	DOWNSTREAM	2046	CSU	132					0
HOOP NET	DOWNSTREAM	2047	LKC	67					0
HOOP NET	DOWNSTREAM	2048	RSC	65					0
HOOP NET	DOWNSTREAM	2049	RSC	82					0
HOOP NET	DOWNSTREAM	2050	RSC	70					0
HOOP NET	DOWNSTREAM	2051	LSU	170					0
HOOP NET	DOWNSTREAM	2052	RSC	25					0
HOOP NET	DOWNSTREAM	2053	CSU	125					0
HOOP NET	DOWNSTREAM	2054	CSU	72					0
HOOP NET	DOWNSTREAM	2055	RSC	93					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	2056	RSC	84					0
HOOP NET	DOWNSTREAM	2057	RSC	58					0
HOOP NET	DOWNSTREAM	2063	LKC	24					0
HOOP NET	DOWNSTREAM	2080	RSC	22					0
HOOP NET	DOWNSTREAM	2081	RSC	21					0
HOOP NET	DOWNSTREAM	2082	RSC	83					0
HOOP NET	DOWNSTREAM	2083	RSC	20					0
HOOP NET	DOWNSTREAM	2084	MW	89					0
HOOP NET	DOWNSTREAM	2085	RSC	49					0
HOOP NET	DOWNSTREAM	2086	MW	96					0
HOOP NET	DOWNSTREAM	2087	LSU	162					0
HOOP NET	DOWNSTREAM	2088	MW	91					0
HOOP NET	DOWNSTREAM	2089	MW	93					0
HOOP NET	DOWNSTREAM	2090	GR	110					0
HOOP NET	DOWNSTREAM	2091	MW	70					0
HOOP NET	DOWNSTREAM	2092	RSC	87					0
HOOP NET	DOWNSTREAM	2093	CSU	152					0
HOOP NET	DOWNSTREAM	2094	MW	106					0
HOOP NET	DOWNSTREAM	2095	LSU	228					0
HOOP NET	DOWNSTREAM	2096	LSU	209					0
HOOP NET	DOWNSTREAM	2097	LSU	203					0
HOOP NET	DOWNSTREAM	2098	LNC	18					0
HOOP NET	DOWNSTREAM	2099	RSC	55					0
HOOP NET	DOWNSTREAM	2100	LSU	259					0
HOOP NET	DOWNSTREAM	2101	LSU	212					0
HOOP NET	DOWNSTREAM	2102	LSU	231					0
HOOP NET	DOWNSTREAM	2103	LSU	148					0
HOOP NET	DOWNSTREAM	2104	MW	93					0
HOOP NET	DOWNSTREAM	2105	LKC	35					0
HOOP NET	DOWNSTREAM	2106	MW	88					0
HOOP NET	DOWNSTREAM	2107	LSU	230					0
HOOP NET	DOWNSTREAM	2109	LKC	37					0
HOOP NET	DOWNSTREAM	2110	RSC	62					0
HOOP NET	DOWNSTREAM	2111	LSU	221					0
HOOP NET	DOWNSTREAM	2128	LSU	216					0
HOOP NET	DOWNSTREAM	2129	LSU	189					0
HOOP NET	DOWNSTREAM	2130	LSU	207					0
HOOP NET	DOWNSTREAM	2131	BT	254					0
HOOP NET	DOWNSTREAM	2132	MW	98					0
HOOP NET	DOWNSTREAM	2133	RSC	48					0
HOOP NET	DOWNSTREAM	2134	MW	77					0
HOOP NET	DOWNSTREAM	2135	LSU	132					0
HOOP NET	DOWNSTREAM	2136	MW	92					0
HOOP NET	DOWNSTREAM	2137	RSC	60					0
HOOP NET	DOWNSTREAM	2138	RSC	54					0
HOOP NET	DOWNSTREAM	2139	RSC	86					0
HOOP NET	DOWNSTREAM	2140	RSC	79					0
HOOP NET	DOWNSTREAM	2141	MW	95					0
HOOP NET	DOWNSTREAM	2362	LSU	251					0
HOOP NET	DOWNSTREAM	2363	LKC	107					0
HOOP NET	DOWNSTREAM	2364	NSC	94					0
HOOP NET	DOWNSTREAM	2365	LKC	65					0
HOOP NET	DOWNSTREAM	2366	LKC	31					0
HOOP NET	DOWNSTREAM	2367	LKC	29					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

Appendix E Table E1. Biological characteristics data of sampled fish, Site C tributaries fall fish study 2009.

Trap Type	Direction	FishID	Species	Fork Length (mm)	Wt. (g)	Sexual Mat.	Tag Type	Tag No.	Capt. Code
HOOP NET	DOWNSTREAM	2398	RSC	87					0
HOOP NET	DOWNSTREAM	2552	MW	97					0
HOOP NET	DOWNSTREAM	2553	CAS	65					0
HOOP NET	DOWNSTREAM	2554	LSU	302					0
HOOP NET	DOWNSTREAM	2768	NSC	65					0
HOOP NET	DOWNSTREAM	2821	CAS	134					0
HOOP NET	DOWNSTREAM	2822	CAS	63					0
HOOP NET	DOWNSTREAM	2869	CSU	117					0
HOOP NET	DOWNSTREAM	2870	RSC	96					0
HOOP NET	DOWNSTREAM	2871	MW	106					0
HOOP NET	DOWNSTREAM	2872	MW	76					0
HOOP NET	DOWNSTREAM	2873	CSU	114					0
HOOP NET	DOWNSTREAM	2874	MW	76					0
HOOP NET	DOWNSTREAM	2875	CCG	63					0
HOOP NET	DOWNSTREAM	2876	RSC	22					0
HOOP NET	DOWNSTREAM	2877	RSC	84					0
HOOP NET	DOWNSTREAM	2878	LNC	67					0
HOOP NET	DOWNSTREAM	3090	CSU	187					0
HOOP NET	DOWNSTREAM	3091	NSC	144					0

Capture Codes: 0 release; 1 mortality; 2 recapture; 3 recapture mortality; 5 recapture (no tag). Sexual maturity codes: 1 - male immature; 7 - male gravid; 8 - male ripe; 9 - male spent; 11 - female immature; 17 - female gravid; 18 - female ripe; 19 - female spent

APPENDIX F
Mountain Whitefish Egg Survey

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Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
HALFWAY RIVER	Wednesday, October 14, 2009	1	83	10	558893	6260419	0
HALFWAY RIVER	Wednesday, October 14, 2009	2	83	10	559284	6260459	0
HALFWAY RIVER	Wednesday, October 14, 2009	3	83	10	559440	6260446	0
HALFWAY RIVER	Wednesday, October 14, 2009	4	83	10	559618	6260448	0
HALFWAY RIVER	Wednesday, October 14, 2009	5	83	10	558849	6260385	0
HALFWAY RIVER	Wednesday, October 14, 2009	6	83	10	558795	6260321	0
HALFWAY RIVER	Wednesday, October 14, 2009	7	83	10	558781	6260293	0
HALFWAY RIVER	Friday, October 16, 2009	8	83	10	535310	6272684	0
HALFWAY RIVER	Friday, October 16, 2009	9	83	10	535306	6272608	0
HALFWAY RIVER	Friday, October 16, 2009	10	83	10	535327	6272810	0
HALFWAY RIVER	Friday, October 16, 2009	11	83	10	535616	6272520	0
HALFWAY RIVER	Friday, October 16, 2009	12	83	10	535787	6272018	0
HALFWAY RIVER	Friday, October 16, 2009	13	83	10	535828	6271831	0
HALFWAY RIVER	Friday, October 16, 2009	14	83	10	535916	6271804	0
HALFWAY RIVER	Friday, October 16, 2009	15	83	10	535904	6271469	0
HALFWAY RIVER	Friday, October 16, 2009	16	83	10	535983	6271237	0
HALFWAY RIVER	Friday, October 16, 2009	17	83	10	536020	6271158	0
HALFWAY RIVER	Friday, October 16, 2009	18	83	10	536087	6271083	0
HALFWAY RIVER	Friday, October 16, 2009	19	83	10	536073	6271059	0
HALFWAY RIVER	Friday, October 16, 2009	20	83	10	536281	6270855	0
HALFWAY RIVER	Friday, October 16, 2009	21	83	10	536334	6270737	0
HALFWAY RIVER	Friday, October 16, 2009	22	83	10	536448	6270681	0
HALFWAY RIVER	Saturday, October 17, 2009	23	83	10	537129	6270202	0
HALFWAY RIVER	Saturday, October 17, 2009	24	83	10	537211	6269906	0
HALFWAY RIVER	Saturday, October 17, 2009	25	83	10	537727	6269008	0
HALFWAY RIVER	Saturday, October 17, 2009	26	83	10	537996	6268495	1
HALFWAY RIVER	Saturday, October 17, 2009	27	83	10	538063	6268422	0
HALFWAY RIVER	Saturday, October 17, 2009	28	83	10	538226	6268370	0
HALFWAY RIVER	Saturday, October 17, 2009	29	83	10	538518	6268540	0
HALFWAY RIVER	Saturday, October 17, 2009	30	83	10	538863	6268308	0
HALFWAY RIVER	Saturday, October 17, 2009	31	83	10	538969	6268007	0
HALFWAY RIVER	Saturday, October 17, 2009	32	83	10	539225	6267404	0
HALFWAY RIVER	Sunday, October 18, 2009	33	83	10	533274	6278347	0
HALFWAY RIVER	Sunday, October 18, 2009	34	83	10	533563	6278129	0
HALFWAY RIVER	Sunday, October 18, 2009	35	83	10	533655	6278141	0
HALFWAY RIVER	Sunday, October 18, 2009	36	83	10	533787	6278108	0
HALFWAY RIVER	Sunday, October 18, 2009	37	83	10	533901	6277895	0
HALFWAY RIVER	Sunday, October 18, 2009	38	83	10	534000	6277401	0
HALFWAY RIVER	Sunday, October 18, 2009	39	83	10	534197	6277092	0
HALFWAY RIVER	Sunday, October 18, 2009	40	83	10	534227	6276984	0
HALFWAY RIVER	Sunday, October 18, 2009	41	83	10	534221	6276755	0
HALFWAY RIVER	Sunday, October 18, 2009	42	83	10	534251	6276655	0
HALFWAY RIVER	Sunday, October 18, 2009	43	83	10	534157	6276340	0
HALFWAY RIVER	Sunday, October 18, 2009	44	83	10	533994	6275815	0
HALFWAY RIVER	Sunday, October 18, 2009	45	83	10	534386	6275526	0
HALFWAY RIVER	Sunday, October 18, 2009	46	83	10	534569	6275350	0
HALFWAY RIVER	Sunday, October 18, 2009	47	83	10	534627	6275286	0
HALFWAY RIVER	Sunday, October 18, 2009	48	83	10	534767	6274588	0
HALFWAY RIVER	Sunday, October 18, 2009	49	83	10	534658	6274030	0
HALFWAY RIVER	Sunday, October 18, 2009	50	83	10	534929	6273499	0
HALFWAY RIVER	Sunday, October 18, 2009	51	83	10	535141	6273126	0
HALFWAY RIVER	Sunday, October 18, 2009	52	83	10	535292	6272924	0
HALFWAY RIVER	Monday, October 19, 2009	53	83	10	544906	6263113	1
HALFWAY RIVER	Monday, October 19, 2009	54	83	10	545133	6263097	0
HALFWAY RIVER	Monday, October 19, 2009	55	83	10	545672	6263008	0
HALFWAY RIVER	Monday, October 19, 2009	56	83	10	546060	6262914	0
HALFWAY RIVER	Monday, October 19, 2009	57	83	10	546623	6262957	0

Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
HALFWAY RIVER	Monday, October 19, 2009	58	83	10	546823	6262914	0
HALFWAY RIVER	Monday, October 19, 2009	59	83	10	547333	6262525	0
HALFWAY RIVER	Monday, October 19, 2009	60	83	10	548110	6262645	0
HALFWAY RIVER	Monday, October 19, 2009	61	83	10	548297	6262840	0
HALFWAY RIVER	Monday, October 19, 2009	62	83	10	548896	6263437	1
HALFWAY RIVER	Monday, October 19, 2009	63	83	10	549064	6263469	0
HALFWAY RIVER	Monday, October 19, 2009	64	83	10	549300	6263429	0
HALFWAY RIVER	Monday, October 19, 2009	65	83	10	550197	6263311	0
HALFWAY RIVER	Monday, October 19, 2009	66	83	10	550422	6263593	0
HALFWAY RIVER	Monday, October 19, 2009	67	83	10	551424	6263665	0
HALFWAY RIVER	Monday, October 19, 2009	68	83	10	552573	6262862	0
HALFWAY RIVER	Monday, October 19, 2009	69	83	10	553268	6262801	0
HALFWAY RIVER	Monday, October 19, 2009	70	83	10	556468	6261930	0
HALFWAY RIVER	Tuesday, October 20, 2009	71	83	10	560050	6260543	0
HALFWAY RIVER	Tuesday, October 20, 2009	72	83	10	560259	6261131	0
HALFWAY RIVER	Tuesday, October 20, 2009	73	83	10	561844	6261965	0
HALFWAY RIVER	Tuesday, October 20, 2009	74	83	10	562362	6262151	0
HALFWAY RIVER	Tuesday, October 20, 2009	75	83	10	562671	6262131	0
HALFWAY RIVER	Tuesday, October 20, 2009	76	83	10	563132	6261889	0
HALFWAY RIVER	Tuesday, October 20, 2009	77	83	10	563799	6261819	0
HALFWAY RIVER	Tuesday, October 20, 2009	78	83	10	564067	6261852	0
HALFWAY RIVER	Tuesday, October 20, 2009	79	83	10	564653	6261813	8
HALFWAY RIVER	Tuesday, October 20, 2009	80	83	10	565374	6261469	0
HALFWAY RIVER	Tuesday, October 20, 2009	81	83	10	566802	6260766	0
HALFWAY RIVER	Tuesday, October 20, 2009	82	83	10	568284	6258870	0
HALFWAY RIVER	Tuesday, October 20, 2009	83	83	10	569826	6258267	0
HALFWAY RIVER	Wednesday, October 21, 2009	84	83	10	593360	6232650	0
HALFWAY RIVER	Wednesday, October 21, 2009	85	83	10	593844	6232350	4
HALFWAY RIVER	Wednesday, October 21, 2009	86	83	10	594223	6232233	2
HALFWAY RIVER	Wednesday, October 21, 2009	87	83	10	594487	6231969	0
HALFWAY RIVER	Wednesday, October 21, 2009	88	83	10	594656	6231841	2
HALFWAY RIVER	Wednesday, October 21, 2009	89	83	10	594755	6231307	0
HALFWAY RIVER	Wednesday, October 21, 2009	90	83	10	594729	6231234	0
HALFWAY RIVER	Wednesday, October 21, 2009	91	83	10	595688	6231439	0
HALFWAY RIVER	Wednesday, October 21, 2009	92	83	10	596153	6231916	0
HALFWAY RIVER	Wednesday, October 21, 2009	93	83	10	596702	6231535	0
HALFWAY RIVER	Thursday, October 22, 2009	94	83	10	570763	6258296	0
HALFWAY RIVER	Thursday, October 22, 2009	95	83	10	571127	6257991	0
HALFWAY RIVER	Thursday, October 22, 2009	96	83	10	572119	6256596	0
HALFWAY RIVER	Thursday, October 22, 2009	97	83	10	572051	6256511	0
HALFWAY RIVER	Thursday, October 22, 2009	98	83	10	572236	6255532	0
HALFWAY RIVER	Thursday, October 22, 2009	99	83	10	573442	6254266	0
HALFWAY RIVER	Thursday, October 22, 2009	100	83	10	575259	6253037	0
HALFWAY RIVER	Thursday, October 22, 2009	101	83	10	577375	6251303	0
HALFWAY RIVER	Thursday, October 22, 2009	102	83	10	578319	6249976	0
HALFWAY RIVER	Thursday, October 22, 2009	103	83	10	580378	6250072	1
HALFWAY RIVER	Thursday, October 22, 2009	104	83	10	580496	6250082	0
HALFWAY RIVER	Thursday, October 22, 2009	105	83	10	581062	6250290	0
HALFWAY RIVER	Thursday, October 22, 2009	106	83	10	582134	6250110	0
HALFWAY RIVER	Thursday, October 22, 2009	107	83	10	582165	6250071	0
HALFWAY RIVER	Thursday, October 22, 2009	108	83	10	582666	6248663	0
HALFWAY RIVER	Friday, October 23, 2009	109	83	10	582730	6248027	0
HALFWAY RIVER	Friday, October 23, 2009	110	83	10	582805	6247742	0
HALFWAY RIVER	Friday, October 23, 2009	111	83	10	583022	6247128	1
HALFWAY RIVER	Friday, October 23, 2009	112	83	10	583070	6247067	0
HALFWAY RIVER	Friday, October 23, 2009	113	83	10	584663	6245602	0
HALFWAY RIVER	Friday, October 23, 2009	114	83	10	584907	6244399	0

Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
HALFWAY RIVER	Friday, October 23, 2009	115	83	10	585399	6243761	0
HALFWAY RIVER	Friday, October 23, 2009	116	83	10	584949	6241250	0
HALFWAY RIVER	Friday, October 23, 2009	117	83	10	585069	6240049	0
HALFWAY RIVER	Friday, October 23, 2009	118	83	10	585893	6239347	0
HALFWAY RIVER	Friday, October 23, 2009	119	83	10	586048	6237423	0
HALFWAY RIVER	Friday, October 23, 2009	120	83	10	585732	6237107	0
HALFWAY RIVER	Friday, October 23, 2009	121	83	10	584763	6235965	0
HALFWAY RIVER	Friday, October 23, 2009	122	83	10	584900	6234364	0
HALFWAY RIVER	Saturday, October 24, 2009	123	83	10	585981	6233852	0
HALFWAY RIVER	Saturday, October 24, 2009	124	83	10	585938	6232601	0
HALFWAY RIVER	Saturday, October 24, 2009	125	83	10	586398	6232254	0
HALFWAY RIVER	Saturday, October 24, 2009	126	83	10	587846	6233166	0
HALFWAY RIVER	Saturday, October 24, 2009	127	83	10	588611	6233038	0
HALFWAY RIVER	Saturday, October 24, 2009	128	83	10	588960	6233015	0
HALFWAY RIVER	Saturday, October 24, 2009	129	83	10	589476	6233153	0
HALFWAY RIVER	Saturday, October 24, 2009	130	83	10	590828	6234945	2
HALFWAY RIVER	Saturday, October 24, 2009	131	83	10	591337	6233797	0
HALFWAY RIVER	Saturday, October 24, 2009	132	83	10	591535	6233422	0
HALFWAY RIVER	Saturday, October 24, 2009	133	83	10	592886	6233592	0
Moberly River	Thursday, October 15, 2009	1	83	10	621024	6228267	0
Moberly River	Thursday, October 15, 2009	2	83	10	621405	6228043	0
Moberly River	Thursday, October 15, 2009	3	83	10	621590	6227820	0
Moberly River	Thursday, October 15, 2009	4	83	10	621814	6227911	0
Moberly River	Thursday, October 15, 2009	5	83	10	622134	6228177	0
Moberly River	Thursday, October 15, 2009	6	83	10	622539	6228039	0
Moberly River	Thursday, October 15, 2009	7	83	10	622852	6227900	0
Moberly River	Thursday, October 15, 2009	8	83	10	622957	6227687	0
Moberly River	Thursday, October 15, 2009	9	83	10	623223	6227437	0
Moberly River	Thursday, October 15, 2009	10	83	10	623538	6227381	0
Moberly River	Thursday, October 15, 2009	11	83	10	623679	6227443	0
Moberly River	Thursday, October 15, 2009	12	83	10	623863	6227345	0
Moberly River	Thursday, October 15, 2009	13	83	10	624144	6227251	0
Moberly River	Thursday, October 15, 2009	14	83	10	624392	6227428	0
Moberly River	Thursday, October 15, 2009	15	83	10	624567	6227201	0
Moberly River	Thursday, October 15, 2009	16	83	10	624645	6227232	0
Moberly River	Thursday, October 15, 2009	17	83	10	625096	6227579	0
Moberly River	Thursday, October 15, 2009	18	83	10	625558	6227771	0
Moberly River	Thursday, October 15, 2009	19	83	10	626036	6228295	0
Moberly River	Thursday, October 15, 2009	20	83	10	626250	6228507	0
Moberly River	Thursday, October 15, 2009	21	83	10	626738	6228707	0
Moberly River	Thursday, October 15, 2009	22	83	10	626803	6228792	0
Moberly River	Thursday, October 15, 2009	23	83	10	627360	6229439	0
Moberly River	Thursday, October 15, 2009	24	83	10	627596	6229411	0
Moberly River	Thursday, October 15, 2009	25	83	10	627918	6229848	0
Moberly River	Thursday, October 15, 2009	26	83	10	628292	6230048	0
Moberly River	Thursday, October 15, 2009	27	83	10	628600	6230096	0
Moberly River	Thursday, October 15, 2009	28	83	10	628683	6230155	0
Moberly River	Friday, October 16, 2009	30	83	10	614158	6227907	0
Moberly River	Friday, October 16, 2009	31	83	10	614382	6227920	0
Moberly River	Friday, October 16, 2009	32	83	10	615132	6228164	0
Moberly River	Friday, October 16, 2009	33	83	10	615306	6228399	0
Moberly River	Friday, October 16, 2009	34	83	10	615573	6228624	1
Moberly River	Friday, October 16, 2009	35	83	10	616166	6228666	0
Moberly River	Friday, October 16, 2009	36	83	10	616397	6228876	0
Moberly River	Friday, October 16, 2009	37	83	10	616650	6229098	0
Moberly River	Friday, October 16, 2009	38	83	10	617058	6228875	0
Moberly River	Friday, October 16, 2009	39	83	10	617273	6228569	0

Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
Moberly River	Friday, October 16, 2009	40	83	10	617691	6228849	0
Moberly River	Friday, October 16, 2009	41	83	10	618197	6228827	0
Moberly River	Friday, October 16, 2009	42	83	10	618632	6228816	0
Moberly River	Friday, October 16, 2009	43	83	10	619157	6228639	0
Moberly River	Friday, October 16, 2009	44	83	10	619451	6228648	0
Moberly River	Friday, October 16, 2009	45	83	10	619614	6228390	0
Moberly River	Friday, October 16, 2009	46	83	10	619866	6228367	0
Moberly River	Friday, October 16, 2009	47	83	10	619987	6228158	0
Moberly River	Friday, October 16, 2009	48	83	10	620730	6228134	0
Moberly River	Friday, October 16, 2009	49	83	10	620882	6228223	0
Moberly River	Saturday, October 17, 2009	50	83	10	609711	6224123	0
Moberly River	Saturday, October 17, 2009	51	83	10	609922	6224827	1
Moberly River	Saturday, October 17, 2009	52	83	10	610045	6224991	0
Moberly River	Saturday, October 17, 2009	53	83	10	609688	6225018	0
Moberly River	Saturday, October 17, 2009	54	83	10	609940	6225260	0
Moberly River	Saturday, October 17, 2009	55	83	10	610419	6225431	0
Moberly River	Saturday, October 17, 2009	56	83	10	610474	6225690	1
Moberly River	Saturday, October 17, 2009	57	83	10	610999	6226205	0
Moberly River	Saturday, October 17, 2009	58	83	10	611747	6227015	0
Moberly River	Saturday, October 17, 2009	59	83	10	612330	6227127	0
Moberly River	Saturday, October 17, 2009	60	83	10	612649	6227207	0
Moberly River	Saturday, October 17, 2009	61	83	10	612864	6227348	0
Moberly River	Saturday, October 17, 2009	62	83	10	613280	6227323	0
Moberly River	Saturday, October 17, 2009	63	83	10	613241	6227485	0
Moberly River	Saturday, October 17, 2009	64	83	10	613492	6227730	0
Moberly River	Saturday, October 17, 2009	65	83	10	613633	6227759	0
Moberly River	Saturday, October 17, 2009	66	83	10	613881	6227949	0
Moberly River	Saturday, October 17, 2009	67	83	10	614025	6227933	0
Moberly River	Sunday, October 18, 2009	68	83	10	604836	6218893	0
Moberly River	Sunday, October 18, 2009	69	83	10	605167	6219005	0
Moberly River	Sunday, October 18, 2009	70	83	10	605516	6219180	0
Moberly River	Sunday, October 18, 2009	71	83	10	605641	6219395	0
Moberly River	Sunday, October 18, 2009	72	83	10	605823	6219495	0
Moberly River	Sunday, October 18, 2009	73	83	10	606163	6219763	0
Moberly River	Sunday, October 18, 2009	74	83	10	606303	6219843	2
Moberly River	Sunday, October 18, 2009	75	83	10	606232	6220140	0
Moberly River	Sunday, October 18, 2009	76	83	10	606243	6220266	0
Moberly River	Sunday, October 18, 2009	77	83	10	606521	6220388	0
Moberly River	Sunday, October 18, 2009	78	83	10	606555	6221101	0
Moberly River	Sunday, October 18, 2009	79	83	10	606788	6221651	0
Moberly River	Sunday, October 18, 2009	80	83	10	606923	6221923	0
Moberly River	Sunday, October 18, 2009	81	83	10	606844	6222095	0
Moberly River	Sunday, October 18, 2009	82	83	10	606954	6222330	0
Moberly River	Sunday, October 18, 2009	83	83	10	607747	6223091	0
Moberly River	Sunday, October 18, 2009	84	83	10	607747	6223086	0
Moberly River	Sunday, October 18, 2009	85	83	10	607627	6223532	0
Moberly River	Sunday, October 18, 2009	86	83	10	608235	6223449	0
Moberly River	Sunday, October 18, 2009	87	83	10	608770	6223654	12
Moberly River	Sunday, October 18, 2009	88	83	10	608894	6223937	0
Moberly River	Monday, October 19, 2009	90	83	10	599303	6215586	5
Moberly River	Monday, October 19, 2009	92	83	10	599230	6216000	0
Moberly River	Monday, October 19, 2009	94	83	10	599356	6216466	0
Moberly River	Monday, October 19, 2009	95	83	10	599738	6216557	0
Moberly River	Monday, October 19, 2009	96	83	10	600385	6216525	0
Moberly River	Monday, October 19, 2009	98	83	10	600780	6217204	0
Moberly River	Monday, October 19, 2009	100	83	10	601318	6217219	0
Moberly River	Monday, October 19, 2009	101	83	10	601441	6217700	0

Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
Moberly River	Monday, October 19, 2009	103	83	10	602146	6217862	2
Moberly River	Monday, October 19, 2009	104	83	10	602742	6217674	0
Moberly River	Monday, October 19, 2009	105	83	10	603169	6217863	0
Moberly River	Monday, October 19, 2009	106	83	10	603647	6217989	0
Moberly River	Monday, October 19, 2009	107	83	10	604109	6218155	6
Moberly River	Monday, October 19, 2009	214	83	10	604281	6218323	1
Moberly River	Tuesday, October 20, 2009	108	83	10	621388	6228058	2
Moberly River	Tuesday, October 20, 2009	109	83	10	621806	6227895	1
Moberly River	Tuesday, October 20, 2009	110	83	10	622224	6228123	3
Moberly River	Tuesday, October 20, 2009	111	83	10	622671	6228018	0
Moberly River	Tuesday, October 20, 2009	112	83	10	622999	6227543	0
Moberly River	Tuesday, October 20, 2009	113	83	10	623504	6227330	0
Moberly River	Tuesday, October 20, 2009	114	83	10	623852	6227346	0
Moberly River	Tuesday, October 20, 2009	115	83	10	624227	6227286	0
Moberly River	Tuesday, October 20, 2009	116	83	10	624404	6227355	0
Moberly River	Tuesday, October 20, 2009	117	83	10	624799	6227465	0
Moberly River	Tuesday, October 20, 2009	118	83	10	625126	6227783	0
Moberly River	Tuesday, October 20, 2009	119	83	10	625690	6227970	0
Moberly River	Tuesday, October 20, 2009	120	83	10	626026	6228290	0
Moberly River	Tuesday, October 20, 2009	121	83	10	626592	6228533	0
Moberly River	Tuesday, October 20, 2009	129	83	10	626989	6229022	0
Moberly River	Tuesday, October 20, 2009	135	83	10	627495	6229436	0
Moberly River	Tuesday, October 20, 2009	145	83	10	628304	6230050	0
Moberly River	Tuesday, October 20, 2009	150	83	10	628604	6230072	12
Moberly River	Tuesday, October 20, 2009	151	83	10	628691	6230154	0
Moberly River	Thursday, October 22, 2009	152	83	10	614279	6227804	0
Moberly River	Thursday, October 22, 2009	153	83	10	614532	6227931	20
Moberly River	Thursday, October 22, 2009	154	83	10	614896	6228100	0
Moberly River	Thursday, October 22, 2009	155	83	10	615282	6228380	0
Moberly River	Thursday, October 22, 2009	156	83	10	615892	6228606	0
Moberly River	Thursday, October 22, 2009	157	83	10	616168	6228670	2
Moberly River	Thursday, October 22, 2009	158	83	10	617046	6228914	5
Moberly River	Thursday, October 22, 2009	159	83	10	617362	6228570	0
Moberly River	Thursday, October 22, 2009	160	83	10	617934	6228668	0
Moberly River	Thursday, October 22, 2009	161	83	10	618382	6228886	0
Moberly River	Thursday, October 22, 2009	162	83	10	618808	6228841	0
Moberly River	Thursday, October 22, 2009	163	83	10	619151	6228638	1
Moberly River	Thursday, October 22, 2009	164	83	10	619657	6228381	7
Moberly River	Thursday, October 22, 2009	165	83	10	619965	6228173	0
Moberly River	Thursday, October 22, 2009	166	83	10	620275	6228040	1
Moberly River	Thursday, October 22, 2009	167	83	10	620763	6228160	0
Moberly River	Thursday, October 22, 2009	168	83	10	621083	6228223	3
Moberly River	Friday, October 23, 2009	169	83	10	605171	6219008	6
Moberly River	Friday, October 23, 2009	170	83	10	605336	6219140	0
Moberly River	Friday, October 23, 2009	171	83	10	605691	6219271	3
Moberly River	Friday, October 23, 2009	172	83	10	605973	6219651	0
Moberly River	Friday, October 23, 2009	173	83	10	606301	6219851	1
Moberly River	Friday, October 23, 2009	174	83	10	606256	6220172	3
Moberly River	Friday, October 23, 2009	175	83	10	606637	6221281	1
Moberly River	Friday, October 23, 2009	176	83	10	606843	6222095	0
Moberly River	Friday, October 23, 2009	177	83	10	607146	6222649	18
Moberly River	Friday, October 23, 2009	178	83	10	607523	6222879	1
Moberly River	Friday, October 23, 2009	179	83	10	607874	6222872	2
Moberly River	Friday, October 23, 2009	180	83	10	607549	6223325	0
Moberly River	Friday, October 23, 2009	181	83	10	607604	6223551	4
Moberly River	Friday, October 23, 2009	182	83	10	608189	6223472	11
Moberly River	Friday, October 23, 2009	183	83	10	608760	6223640	25

Appendix F Table F1. Mountain whitefish egg survey data, Site C tributaries fall fish study 2009.

Waterbody	Date	Site	NAD	Zone	Easting	Northing	No. of Eggs
Moberly River	Friday, October 23, 2009	184	83	10	608883	6223931	0
Moberly River	Friday, October 23, 2009	185	83	10	609065	6224205	0
Moberly River	Saturday, October 24, 2009	187	83	10	594520	6211733	10
Moberly River	Saturday, October 24, 2009	189	83	10	594836	6211735	15
Moberly River	Saturday, October 24, 2009	191	83	10	595207	6212150	0
Moberly River	Saturday, October 24, 2009	193	83	10	594987	6212610	2
Moberly River	Saturday, October 24, 2009	195	83	10	595127	6213297	3
Moberly River	Saturday, October 24, 2009	197	83	10	595709	6213815	2
Moberly River	Saturday, October 24, 2009	199	83	10	596080	6214552	5
Moberly River	Saturday, October 24, 2009	201	83	10	596327	6215417	19
Moberly River	Saturday, October 24, 2009	203	83	10	597155	6215452	13
Moberly River	Saturday, October 24, 2009	205	83	10	597707	6215174	4
Moberly River	Saturday, October 24, 2009	207	83	10	598144	6215322	10
Moberly River	Saturday, October 24, 2009	208	83	10	598585	6215097	0
Moberly River	Saturday, October 24, 2009	211	83	10	599064	6214666	0
Moberly River	Saturday, October 24, 2009	213	83	10	599318	6214947	0